



**ESTUDIO AGROCLIMATICO
DE COSTA RICA**

Oscar E. Rojas



INSTITUTO INTERAMERICANO DE COOPERACION PARA LA AGRICULTURA
PROYECTO DE AGROCLIMATOLOGIA

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San José, Costa Rica
1985



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Centro Interamericano de
Documentación e
Información Agrícola

18 AGO 1986

IICA — CIDIA

**ESTUDIO AGROCLIMATICO
DE COSTA RICA**

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IICA
PM-617

Rojas, Oscar E.
Estudio agroclimático de Costa Rica.
-- San José, Costa Rica : IICA, 1985.
VI, 177 p. -- (IICA/Publicación miscelánea ; no. 617)

ISSN 0534-5391

1. Climatología agrícola-Costa Rica.
I. Título. II. Serie.

AGRIS
F10

DEWEY
551.6

SERIE PUBLICACIONES MISCELANEAS No. 617

La Serie de Publicaciones Misceláneas tiene como objetivo proporcionar información sobre temas relacionados con las acciones hemisféricas del IICA.

San José, Costa Rica

1985

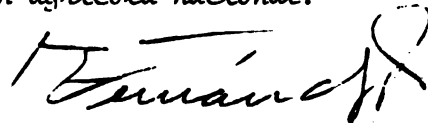
PRESENTACION

La presente investigación, titulada "Estudio Agroclimático de Costa Rica", es parte de los resultados alcanzados por el Proyecto de Agroclimatología del Instituto Interamericano de Cooperación para la Agricultura (IICA).

Este estudio fue motivado por la necesidad de disponer de mayor información agroclimática, que facilite la planificación y programación de las tareas agropecuarias en Costa Rica.

Desde el punto de vista de la planificación nacional, el estudio permite la identificación de diferencias y analogías climáticas en las diferentes áreas geográficas del territorio nacional. En relación a la programación, la investigación ofrece resultados, de sumo interés para planificadores agrícolas, economistas agrarios, ecólogos, biólogos, etc., como son: las estimaciones de temperaturas, radiación global y evapotranspiración potencial en las regiones que carecen de estos datos. A la vez, se calcula la duración en días del período de cultivo, con base en las frecuencias de que la lluvia sea superior a la mitad de la ETP, período que presenta un interés primordial en la selección de cultivos y variedades que mejor se adapten a las condiciones climáticas imperantes en las diferentes regiones del país. También, constituye una valiosa herramienta para definir la fecha de siembra de los cultivos en relación a sus necesidades hídricas.

Se espera que este estudio sirva como un elemento fundamental para aumentar y consolidar la producción agrícola nacional.



Carlos Enrique Fernández
Director del Área Central y de la
Oficina del IICA en Costa Rica

Se agradece al Instituto Meteorológico Nacional por la valiosa tarea que realiza, día con día, en la recopilación de los datos meteorológicos, información sin la cual no sería posible la elaboración de ningún estudio agroclimático.

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ANTECEDENTES

A comienzos de la década de los años ochenta, el Instituto Interamericano de Cooperación para la Agricultura (IICA), en colaboración con el Instituto Francés de Investigación Científica para el Desarrollo en Cooperación (ORSTOM), se dieron a la tarea de estudiar el recurso clima en relación directa con el desarrollo de la producción agrícola de América Latina y el Caribe. De este esfuerzo conjunto se han publicado varios trabajos (4, 5, 6, 9, 10), que pretenden cumplir con el objetivo propuesto. La idea del presente documento es complementar el esfuerzo realizado hasta el momento en Costa Rica en el campo de la Agroclimatología.

Es necesario mencionar que la mayoría de las publicaciones sobre este tema tienen principalmente un carácter meteorológico y no agroclimático. Esto es, se han presentado series de datos de la precipitación, humedad relativa, temperaturas, etc. de las principales estaciones meteorológicas del país, en forma de anuarios (3) o registros más elaborados (11), que, si bien es cierto, son sumamente importantes, no resumen en forma bastante clara las condiciones climáticas imperantes en la región, que es lo que el agricultor o planificador agrícola necesita. Este tipo de publicaciones se limitan a presentar los datos observados en un año o en más, sin entrar en el análisis. La extrapolación y estimación de los elementos meteorológicos en regiones donde no se registran los datos no es posible, tampoco el obtener variables derivadas, como la evapotranspiración potencial, ETP.

Los objetivos del presente trabajo son:

1. Obtener una caracterización agroclimática de los lugares del país en donde se encuentra cada estación meteorológica. Esto es, presentar la variación en sus temperaturas diurna y diaria, radiación solar, duración de la insolación, y de la evapotranspiración potencial, en forma de promedios interanuales por década.

2. Realizar un análisis detallado de la precipitación; factor del clima que presenta la mayor variación interanual en los países de la zona intertropical.

3. Estimar los parámetros meteorológicos: temperaturas, duración de la insolación, radiación solar y evapotranspiración potencial, para aquellas estaciones que carecen de registros de los mismos.

Además, esperamos que los resultados obtenidos sean de gran utilidad al "Proyecto de Cooperación Técnica en Apoyo a la Consolidación del Sector de Desarrollo Agropecuario y de Recursos Naturales Renovables de Costa Rica en el Area de Zonificación", que nuestra Institución está realizando en cooperación con el Ministerio de Planificación Nacional y Política Económica y el Ministerio de Agricultura y Ganadería de Costa Rica.

GENERALIDADES

1. Justificación de las variables seleccionadas

Para el estudio se seleccionaron: la temperatura, la radiación y la humedad, porque se consideran como los principales parámetros del clima que controlan el desarrollo de los cultivos. La importancia de la temperatura del aire radica en sus muchos y diversos efectos que tiene sobre el crecimiento y reproducción de las plantas. La temperatura es una manifestación de calor, el cual es una forma de energía radiante. Para Bazán (1) la temperatura del aire controla principalmente la evapotranspiración y, por lo tanto, el movimiento del agua en la planta; afirma que no solamente la magnitud de la temperatura media es importante, sino también su fluctuación o termoperiodicidad, que es igual o aún de mayor importancia. Las fluctuaciones diurnas afectan grandemente muchos procesos vegetales, como la fotosíntesis, respiración y el almacenamiento de reservas alimenticias en la planta.

La radiación es un factor ecológico esencial, que gobierna el crecimiento y la reproducción de las plantas al constituir el principal suministro de energía, sin la cual no puede haber metabolismo. Este interactúa con otros factores del ambiente, especialmente el suministro de aire y la temperatura. Su gran variación en intensidad, duración y calidad y las dificultades que evitan su medición exacta en el lugar de incidencia, hacen que este factor sea el más difícil de todos para su investigación.

La precipitación es, sin duda, el factor climático más conocido, y en la mayoría de los casos se cita como el factor determinante en cuanto a la producción agrícola se refiere. Influye tanto la cantidad como su distribución en el año, constituyéndose estas dos características en interesantes temas de estudio.

2. La evapotranspiración

La evapotranspiración, ET, es un fenómeno complejo, que integra a la vez la evaporación del agua del suelo (fenómeno físico) y la transpiración de la vegetación (fenómeno fisiológico). En 1948, Penman (7) introduce el término de evapotranspiración potencial, ETP, que ha sido ampliamente discutido y que, después de varias modificaciones, se concibe, en la actualidad, como la evapotranspiración máxima de un césped que cubre completamente el suelo, bien provisionado en agua, en fase activa de crecimiento y en el seno de una parcela suficientemente grande. La ETP representa, por lo tanto, la "demanda climática" y depende ante todo de las condiciones meteorológicas.

Las fórmulas utilizadas para calcular la ETP, a partir de los datos climáticos, tienden a suavizar los accidentes. La comparación entre los resultados de cálculos parecidos dan diferencias a veces inquietantes, que podrían llegar para una misma década a 50% de desviación. Pareciera que ciertas expresiones son sólo aplicables a un tipo de clima particular. La causa de estas inexactitudes, dentro de los resultados de las ETP calculadas, está en relación directa con las hipótesis simplificadoras que se han adoptado y que subestiman la variación de uno u otro de los factores climáticos susceptibles de intervenir; siendo éstos:

- la radiación neta, resultado del balance entre la radiación global solar, la radiación de la atmósfera y la de la Tierra
- la temperatura del aire: consecuencia directa de ese balance
- el déficit de saturación ($e_w - e$)
- los movimientos del aire, tanto verticales como horizontales, responsables de los cambios por conducción, convección y turbulencia.

3. Aspectos energéticos y climáticos de la ETP

La evaporación consume energía, por lo tanto, se concibe que la cantidad de energía disponible a nivel de la superficie evaporante, suelo y vegetación, sea un factor limitante del fenómeno. La demanda de la atmósfera dependerá, por lo tanto, de la fracción disponible de la energía total puesta en juego para los intercambios termoradiativos globales. Sobre un período de 24 horas, o de un número entero de días, este balance se puede expresar de la siguiente manera:

$$R_g (1 - a) + R_a + LC = LE + R_t \pm Q$$

R_g = radiación global de longitudes de onda corta

R_a = radiación de la atmósfera (espectro I.R.)

R_t = radiación de la superficie: suelo, plantas, etc. (espectro I.R.)

a = albedo de la superficie

C = condensaciones

E = evapotranspiración

Q = energía advectiva

L = calor latente de evaporación o de condensación

Si R_n representa la radiación neta resultante de ese balance radiativo:

$$R_n = R_g (1 - a) + R_a - R_t$$

Se puede escribir:

$$R_n = LE - LC \pm Q$$

El término $L(E - C)$ expresa el balance parcial de energía, relativo al intercambio del agua entre el suelo, la vegetación y la atmósfera. Representa, a la vez, la cantidad de agua evaporable, durante un intervalo de tiempo definido, según la energía disponible para tal efecto, siendo, por lo tanto, una expresión de la evapotranspiración potencial instantánea.

MATERIALES Y METODOS

1. Descripción de la zona en estudio, datos, programa y computador

Se tomó la división de Costa Rica en regiones físico-geográficas realizada por el Instituto Meteorológico Nacional, para hacer el análisis y las estimaciones de tipo agroclimático por región homogénea (Fig. 1). Además, se empleó una base de tiempo del orden de diez días para estudiar cada variable climática.

El análisis de los datos se realizó en el Centro de Cómputo del IICA, el cual cuenta con un IBM-4331. Los programas de cálculo fueron escritos en FORTRAN IV, además, para el análisis estadístico se utilizó el paquete SAS (Statistical Analysis System). Los datos meteorológicos de entrada fueron: la precipitación diaria, temperaturas máxima y mínima y la duración de la insolación, que se encuentran en el banco de datos agroclimáticos de Costa Rica (9).

Dicho banco de datos contiene la información meteorológica de 101 estaciones, de las cuales 72 tienen registros diarios de la precipitación, 54 registran las temperaturas máxima y mínima diarias y 22 el brillo solar. Es importante señalar que la mayoría de las estaciones que registran la precipitación fueron seleccionadas por presentar al menos 20 años de registro y por una adecuada ubicación en el territorio nacional. Las coordenadas de dichas estaciones aparecen en el Cuadro 1.

2. Estimación de las temperaturas diurna y diaria y la duración de insolación

Al ser la mayoría de las estaciones meteorológicas de cuarto orden, se hizo necesaria la estimación de las temperaturas diurna (θ) y diaria (t), que se obtienen a partir de las temperaturas máxima (t_x) y mínima (t_n), para cada década del año, ya que éstas son empleadas en el cálculo de la evapotranspiración potencial (ETP).

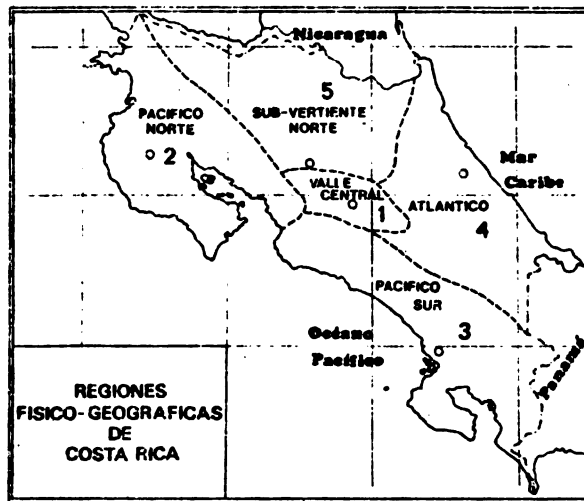


Fig. 1 - División en regiones físico-geográficas de Costa Rica, Instituto Meteorológico Nacional

MATERIALES Y METODOS

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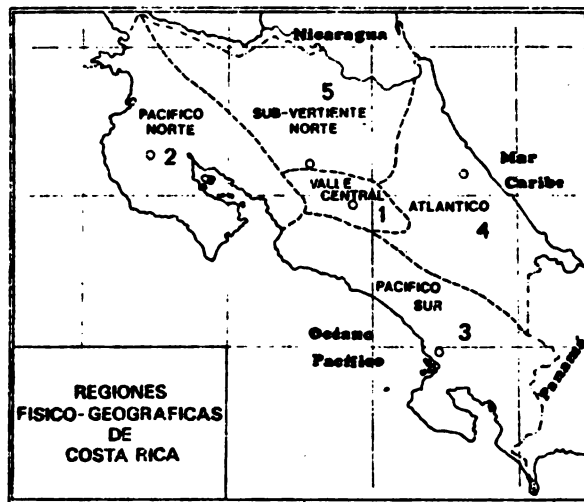


Fig. 1 - División en regiones físico-geográficas de Costa Rica, Instituto Meteorológico Nacional

CUADRO 1

ESTACIONES METEOROLOGICAS EMPLEADAS EN EL ESTUDIO AGROCLIMATICO

| CODIGO | NOMBRE DE LA ESTACION | UBICACION | | ELEVACION | TIPO |
|--------|-------------------------|------------|------------|-----------|------|
| | | LAT. NORTE | LON. OESTE | | |
| 69503 | Puerto Viejo, Sarapiquí | 10 28 | 84 01 | 37 | 6 |
| 69506 | San Miguel, Sarapiquí | 10 19 | 84 11 | 500 | 1 |
| 69508 | Chilamate | 10 27 | 84 04 | 60 | 5 |
| 69510 | Ciudad Quesada | 10 20 | 84 26 | 650 | 1 |
| 69511 | Los Ensayos | 10 18 | 84 29 | 1 090 | 1 |
| 69512 | Zarcelero | 10 11 | 84 24 | 1 736 | 1 |
| 69513 | Los Llanos | 10 28 | 84 21 | 100 | 1 |
| 69514 | Arenal | 10 28 | 84 51 | 520 | 5 |
| 69515 | Quebrada Azul | 10 24 | 84 28 | 83 | 5 |
| 69528 | Palmira | 10 13 | 84 23 | 2 010 | 3 |
| 69530 | La Marina, S.C. | 10 22 | 84 23 | 380 | 1 |
| 69531 | Hacienda Orosí | 10 57 | 85 33 | 350 | 1 |
| 69533 | Barra del Colorado | 10 46 | 83 35 | 5 | 1 |
| 69535 | C. Rural Metodista | 10 21 | 84 24 | 600 | 4 |
| 69538 | Upala | 10 54 | 85 01 | 50 | 1 |
| 69551 | Guatuso | 10 41 | 84 49 | 50 | 5 |
| 72101 | Nicoya | 10 05 | 85 27 | 120 | 0 |
| 72105 | Colonia Carmona | 10 00 | 85 15 | 100 | 1 |
| 72106 | Santa Rosa | 10 50 | 85 37 | 315 | 3 |
| 72107 | Lepanto, Naranjo | 9 58 | 85 02 | 50 | 1 |
| 72114 | Playa Panamá | 10 35 | 85 40 | 3 | 5 |
| 73009 | El Cairo, Siquirres | 10 07 | 83 32 | 60 | 1 |
| 73010 | Turrialba | 9 53 | 83 38 | 602 | 0 |
| 73011 | Sanatorio Durán | 9 56 | 83 53 | 2 337 | 1 |
| 73013 | Los Diamantes | 10 13 | 83 46 | 249 | 0 |
| 73015 | La Maruja | 9 47 | 83 51 | 1 100 | 1 |
| 73018 | El Guarco | 9 50 | 83 58 | 1 400 | 2 |
| 73022 | Pacayas | 9 55 | 83 49 | 1 735 | 6 |
| 73024 | Paraíso, Cartago | 9 50 | 83 52 | 1 380 | 1 |
| 73033 | Villa Mills | 9 34 | 83 43 | 3 000 | 6 |
| 73046 | Cachí | 9 49 | 83 48 | 1 018 | 5 |
| 73078 | Coliblanco | 9 57 | 83 48 | 2 200 | 3 |
| 73080 | Repetidora, C. Muerte | 9 33 | 83 44 | 3 365 | 5 |
| 73081 | Irazú | 9 59 | 83 51 | 3 400 | 0 |
| 73082 | Cobal | 10 15 | 83 40 | 55 | 3 |
| 73091 | Hacienda El Carmen | 10 12 | 83 29 | 15 | 3 |
| 74002 | Filadelfia | 10 26 | 83 35 | 17 | 1 |
| 74003 | Santa Cruz | 10 16 | 85 35 | 54 | 2 |
| 74004 | Quebrada Grande | 10 51 | 85 30 | 366 | 1 |
| 74006 | La Guinea | 10 25 | 85 28 | 40 | 4 |
| 74020 | Liberia | 10 36 | 85 32 | 85 | 0 |
| 76002 | Tilarán | 10 28 | 84 58 | 562 | 2 |

CUADRO 1 (Continuación)

| CODIGO | NOMBRE DE LA ESTACION | UBICACION | | ELEVACION | TIPO |
|--------|-----------------------|------------|------------|-----------|------|
| | | LAT. NORTE | LON. OESTE | | |
| 76005 | Cañas, Pacífica | 10 25 | 85 05 | 95 | 0 |
| 76008 | Taboga | 10 21 | 85 09 | 40 | 0 |
| 76011 | Hacienda Guayabo | 10 42 | 85 14 | 550 | 1 |
| 76034 | Fortuna | 10 41 | 85 12 | 430 | 5 |
| 77002 | La Lola | 10 06 | 83 23 | 40 | 0 |
| 78001 | Las Juntas, Abangares | 10 17 | 84 58 | 140 | 5 |
| 78002 | Monteverde | 10 20 | 84 50 | 1 380 | 6 |
| 78003 | Puntarenas | 9 58 | 84 50 | 3 | 0 |
| 79005 | Moravia, Chirripó | 9 50 | 83 26 | 1 200 | 1 |
| 80002 | San Miguel, Barranca | 10 00 | 84 42 | 140 | 2 |
| 81003 | Limón | 10 00 | 83 03 | 5 | 0 |
| 82002 | Tivives | 9 52 | 84 42 | 25 | 5 |
| 84001 | San José | 9 56 | 84 05 | 1 172 | 0 |
| 84003 | La Argentina | 10 02 | 84 21 | 760 | 1 |
| 84004 | Atenas | 9 59 | 84 23 | 696 | 1 |
| 84005 | Avances, Tres Ríos | 9 56 | 83 58 | 1 870 | 1 |
| 84006 | Hacienda Concepción | 9 55 | 84 00 | 1 320 | 1 |
| 84007 | Coronado | 9 59 | 84 00 | 1 382 | 1 |
| 84011 | Lornessa, Santa Ana | 9 56 | 84 11 | 909 | 1 |
| 84012 | Turrúcares | 9 58 | 84 19 | 639 | 6 |
| 84014 | Palmares | 10 03 | 84 26 | 1 017 | 1 |
| 84015 | San Joaquín Flores | 10 00 | 84 09 | 1 050 | 1 |
| 84016 | B. Pilas Naranjo | 10 06 | 84 23 | 1 042 | 1 |
| 84017 | Los Andes, Orotina | 9 55 | 84 31 | 224 | 1 |
| 84018 | Rancho Redondo | 9 58 | 83 57 | 1 480 | 1 |
| 84021 | Juan Santamaría | 10 00 | 84 12 | 932 | 0 |
| 84023 | Fabio Baudrit | 10 01 | 84 16 | 840 | 0 |
| 84024 | S. Rafael Ojo de Agua | 9 56 | 84 13 | 850 | 1 |
| 84034 | La Garita | 9 57 | 84 21 | 460 | 5 |
| 84040 | Alto Ochomogo | 9 54 | 83 57 | 1 546 | 1 |
| 84046 | San Josecito, Heredia | 10 02 | 84 02 | 1 450 | 4 |
| 84074 | Pavas Aeropuerto | 9 58 | 84 08 | 1 132 | 3 |
| 84075 | Coop. Café, Naranjo | 10 07 | 84 23 | 1 100 | 4 |
| 85001 | Pandora | 9 45 | 82 57 | 17 | 5 |
| 85004 | Finca 16 | 9 42 | 82 59 | 30 | 6 |
| 86001 | Herradura | 9 40 | 84 38 | 3 | 1 |
| 88001 | Puriscal | 9 51 | 84 19 | 1 102 | 0 |
| 88004 | Finca Palo Seco | 9 32 | 84 18 | 15 | 1 |
| 88005 | San Ignacio Acosta | 9 48 | 84 10 | 1 095 | 1 |
| 88015 | Playón | 9 38 | 84 18 | 65 | 5 |
| 90001 | Pocares | 9 31 | 84 15 | 6 | 1 |
| 90003 | Quepos | 9 26 | 84 09 | 5 | 1 |
| 90005 | Cerros | 9 30 | 84 09 | 5 | 1 |
| 92001 | Bartolo | 9 26 | 84 06 | 10 | 1 |
| 92002 | Llorona | 9 24 | 84 05 | 10 | 1 |
| 98002 | Palmar Sur | 8 57 | 83 28 | 16 | 0 |

CUADRO 1 (Continuación)

| CODIGO | NOMBRE DE LA ESTACION | UBICACION | | ELEVACION | TIPO |
|--------|-----------------------|------------|------------|-----------|------|
| | | LAT. NORTE | LON. OESTE | | |
| 98004 | San Isidro General | 9 22 | 83 42 | 703 | 1 |
| 98007 | San Vito de Java | 8 50 | 82 59 | 890 | 1 |
| 98010 | Cedral | 9 22 | 33 33 | 1 450 | 6 |
| 98011 | Bolivia | 9 11 | 83 38 | 950 | 5 |
| 98012 | Potrero Grande | 9 01 | 83 11 | 183 | 5 |
| 98013 | Río Negro | 8 53 | 82 52 | 955 | 5 |
| 98022 | La Piñera | 9 11 | 83 20 | 350 | 3 |
| 98028 | Volcán Angel | 9 14 | 83 27 | 450 | 6 |
| 100008 | Finca 8 | 8 55 | 83 30 | 8 | 1 |
| 100034 | Golfito | 8 39 | 83 11 | 15 | 6 |
| 100035 | Coto 47 | 8 36 | 82 59 | 8 | 1 |
| 100078 | Caucho | 8 27 | 82 56 | 25 | 1 |

TIPO 0 = Estaciones con registros diarios de precipitación, temperaturas y brillo solar.

TIPO 1 = Estaciones con registros diarios de la precipitación.

TIPO 2 = Estaciones con registros diarios de la precipitación y las temperaturas.

TIPO 3 = Estaciones con registros diarios de las temperaturas y el brillo solar.

TIPO 4 = Estaciones con registros diarios de las temperaturas.

TIPO 5 = Estaciones con registros mensuales de las temperaturas.

TIPO 6 = Estaciones con registros diarios de la precipitación y registros mensuales de las temperaturas.

$$\theta = \frac{2t_x + t_n}{3}$$

$$t = \frac{t_x + t_n}{2}$$

Para el análisis se agrupan las estaciones meteorológicas con la información en regiones climáticas homogéneas: Pacífico Norte, Pacífico Sur, Valle Central, Subvertiente Norte y Atlántico. Se utilizará una ecuación lineal, entre la temperatura y la altura sobre el nivel del mar, denominada ecuación altotérmica o gradiente medio, obteniéndose 37 ecuaciones por parámetro estimado y por región climática, las cuales suman en total 370 ecuaciones altotérmicas. El 84% de los R^2 fueron superiores a 0.90. Estas ecuaciones por región se presentan del Cuadro 2 al Cuadro 6.

Después, se procedió a estimar el brillo solar o duración de la insolación, debido a la escasez de estaciones que registran esta información y por ser un elemento importante para calcular la radiación global (R_g). El análisis se hizo también por región físico-geográfica. Sin embargo, algunas de éstas no presentaron suficientes datos como para obtener una ecuación por región, por lo que se calculó una ecuación general con todos los datos existentes y otra por región cuando existía suficiente información. Se probaron diversos modelos con varias variables (promedio temperatura diurna, promedio temperatura diaria, promedio precipitación, altitud, latitud, longitud, etc.). Como resultado se obtuvo una correlación alta entre el promedio interanual por década del brillo solar y el promedio interanual por década de la precipitación. Una década constituye una observación, por lo que por cada estación se cuenta con 37 observaciones. El modelo de mejor ajuste fue de tipo cuadrático. En el Cuadro 7 se presentan las ecuaciones calculadas y sus respectivos coeficientes de correlación (r).

CUADRO 2

RELACION ENTRE LA ALTITUD (a) Y LAS TEMPERATURAS

DIURNA (θ) Y DIARIA (t) POR DECADA

PARA LA REGION I - VALLE CENTRAL

| DECADA | ECUACION DE LA TEMPERATURA DIURNA | r ² | ECUACION DE LA TEMPERATURA DIARIA | r ² |
|--------|--------------------------------------|----------------|--------------------------------------|----------------|
| 1 | $\theta = 31.53 - 0.0087 x a$ | 0.93 | $t = 28.64 - 0.0075 x a$ | 0.92 |
| 2 | $\theta = 32.12 - 0.0092 x a$ | 0.95 | $t = 29.21 - 0.0080 x a$ | 0.94 |
| 3 | $\theta = 32.39 - 0.0091 x a$ | 0.94 | $t = 29.49 - 0.0081 x a$ | 0.93 |
| 4 | $\theta = 32.93 - 0.0097 x a$ | 0.95 | $t = 29.93 - 0.0085 x a$ | 0.94 |
| 5 | $\theta = 33.59 - 0.0102 x a$ | 0.94 | $t = 30.49 - 0.0089 x a$ | 0.93 |
| 6 | $\theta = 33.67 - 0.0099 x a$ | 0.94 | $t = 30.56 - 0.0087 x a$ | 0.93 |
| 7 | $\theta = 33.73 - 0.0096 x a$ | 0.92 | $t = 30.61 - 0.0084 x a$ | 0.90 |
| 8 | $\theta = 34.14 - 0.0099 x a$ | 0.94 | $t = 30.98 - 0.0086 x a$ | 0.93 |
| 9 | $\theta = 33.26 - 0.0086 x a$ | 0.93 | $t = 30.23 - 0.0076 x a$ | 0.92 |
| 10 | $\theta = 33.44 - 0.0091 x a$ | 0.94 | $t = 30.39 - 0.0079 x a$ | 0.94 |
| 11 | $\theta = 32.95 - 0.0083 x a$ | 0.91 | $t = 30.02 - 0.0071 x a$ | 0.89 |
| 12 | $\theta = 31.71 - 0.0072 x a$ | 0.91 | $t = 29.00 - 0.0063 x a$ | 0.90 |
| 13 | $\theta = 31.16 - 0.0067 x a$ | 0.92 | $t = 28.60 - 0.0059 x a$ | 0.90 |
| 14 | $\theta = 29.63 - 0.0054 x a$ | 0.84 | $t = 27.32 - 0.0047 x a$ | 0.81 |
| 15 | $\theta = 28.81 - 0.0049 x a$ | 0.89 | $t = 26.69 - 0.0044 x a$ | 0.87 |
| 16 | $\theta = 29.07 - 0.0056 x a$ | 0.93 | $t = 26.90 - 0.0050 x a$ | 0.91 |
| 17 | $\theta = 28.42 - 0.0049 x a$ | 0.88 | $t = 26.43 - 0.0045 x a$ | 0.85 |
| 18 | $\theta = 29.00 - 0.0055 x a$ | 0.86 | $t = 26.88 - 0.0049 x a$ | 0.83 |
| 19 | $\theta = 29.25 - 0.0057 x a$ | 0.84 | $t = 27.05 - 0.0049 x a$ | 0.80 |
| 20 | $\theta = 29.76 - 0.0063 x a$ | 0.91 | $t = 27.52 - 0.0055 x a$ | 0.89 |
| 21 | $\theta = 29.31 - 0.0058 x a$ | 0.89 | $t = 27.09 - 0.0051 x a$ | 0.85 |
| 22 | $\theta = 29.46 - 0.0060 x a$ | 0.88 | $t = 27.15 - 0.0052 x a$ | 0.84 |
| 23 | $\theta = 28.99 - 0.0054 x a$ | 0.85 | $t = 26.55 - 0.0046 x a$ | 0.81 |
| 24 | $\theta = 28.36 - 0.0051 x a$ | 0.84 | $t = 26.16 - 0.0044 x a$ | 0.81 |
| 25 | $\theta = 27.95 - 0.0047 x a$ | 0.86 | $t = 25.87 - 0.0042 x a$ | 0.82 |
| 26 | $\theta = 27.71 - 0.0046 x a$ | 0.84 | $t = 25.65 - 0.0040 x a$ | 0.80 |
| 27 | $\theta = 27.52 - 0.0044 x a$ | 0.87 | $t = 25.64 - 0.0041 x a$ | 0.84 |
| 28 | $\theta = 27.63 - 0.0045 x a$ | 0.85 | $t = 25.72 - 0.0041 x a$ | 0.82 |
| 29 | $\theta = 27.66 - 0.0046 x a$ | 0.86 | $t = 25.91 - 0.0043 x a$ | 0.84 |
| 30 | $\theta = 27.88 - 0.0049 x a$ | 0.86 | $t = 25.97 - 0.0045 x a$ | 0.84 |
| 31 | $\theta = 28.27 - 0.0053 x a$ | 0.86 | $t = 26.26 - 0.0048 x a$ | 0.83 |
| 32 | $\theta = 28.74 - 0.0059 x a$ | 0.85 | $t = 26.56 - 0.0052 x a$ | 0.82 |
| 33 | $\theta = 29.18 - 0.0061 x a$ | 0.86 | $t = 26.82 - 0.0054 x a$ | 0.83 |
| 34 | $\theta = 29.80 - 0.0069 x a$ | 0.87 | $t = 27.29 - 0.0059 x a$ | 0.84 |
| 35 | $\theta = 30.84 - 0.0079 x a$ | 0.90 | $t = 28.07 - 0.0067 x a$ | 0.85 |
| 36 | $\theta = 31.37 - 0.0088 x a$ | 0.94 | $t = 28.60 - 0.0077 x a$ | 0.91 |
| 37 | $\theta = 31.57 - 0.0090 x a$ | 0.94 | $t = 28.70 - 0.0077 x a$ | 0.92 |

a = Altitud

r² = Coeficiente de determinación

CUADRO 3

RELACION ENTRE LA ALTITUD (a) Y LAS TEMPERATURAS

DIURNA (θ) Y DIARIA (t) POR DECADA PARA

LA REGION II - PACIFICO NORTE

| DECADA | ECUACION DE LA TEMPERATURA DIURNA | r ² | ECUACION DE LA TEMPERATURA DIARIA | r ² |
|--------|------------------------------------|----------------|-----------------------------------|----------------|
| 1 | $\theta = 28.98 - 0.0082 \times a$ | 0.79 | $t = 27.04 - 0.0067 \times a$ | 0.76 |
| 2 | $\theta = 29.23 - 0.0087 \times a$ | 0.87 | $t = 27.21 - 0.0072 \times a$ | 0.85 |
| 3 | $\theta = 29.54 - 0.0093 \times a$ | 0.85 | $t = 27.44 - 0.0077 \times a$ | 0.86 |
| 4 | $\theta = 29.91 - 0.0092 \times a$ | 0.84 | $t = 27.92 - 0.0079 \times a$ | 0.85 |
| 5 | $\theta = 30.18 - 0.0097 \times a$ | 0.86 | $t = 28.11 - 0.0083 \times a$ | 0.87 |
| 6 | $\theta = 30.29 - 0.0095 \times a$ | 0.75 | $t = 28.21 - 0.0082 \times a$ | 0.79 |
| 7 | $\theta = 30.80 - 0.0091 \times a$ | 0.75 | $t = 28.74 - 0.0078 \times a$ | 0.75 |
| 8 | $\theta = 31.18 - 0.0092 \times a$ | 0.69 | $t = 29.15 - 0.0082 \times a$ | 0.72 |
| 9 | $\theta = 31.24 - 0.0081 \times a$ | 0.68 | $t = 29.12 - 0.0072 \times a$ | 0.73 |
| 10 | $\theta = 31.27 - 0.0085 \times a$ | 0.71 | $t = 29.23 - 0.0077 \times a$ | 0.75 |
| 11 | $\theta = 31.61 - 0.0090 \times a$ | 0.71 | $t = 29.63 - 0.0083 \times a$ | 0.74 |
| 12 | $\theta = 31.05 - 0.0076 \times a$ | 0.62 | $t = 29.09 - 0.0069 \times a$ | 0.65 |
| 13 | $\theta = 30.70 - 0.0070 \times a$ | 0.58 | $t = 28.82 - 0.0063 \times a$ | 0.59 |
| 14 | $\theta = 30.20 - 0.0065 \times a$ | 0.50 | $t = 28.40 - 0.0059 \times a$ | 0.53 |
| 15 | $\theta = 29.35 - 0.0056 \times a$ | 0.57 | $t = 27.71 - 0.0053 \times a$ | 0.61 |
| 16 | $\theta = 28.65 - 0.0050 \times a$ | 0.54 | $t = 27.14 - 0.0048 \times a$ | 0.61 |
| 17 | $\theta = 28.77 - 0.0060 \times a$ | 0.57 | $t = 27.22 - 0.0056 \times a$ | 0.59 |
| 18 | $\theta = 28.86 - 0.0066 \times a$ | 0.60 | $t = 27.28 - 0.0059 \times a$ | 0.61 |
| 19 | $\theta = 28.92 - 0.0065 \times a$ | 0.59 | $t = 27.31 - 0.0057 \times a$ | 0.59 |
| 20 | $\theta = 28.97 - 0.0068 \times a$ | 0.58 | $t = 27.36 - 0.0059 \times a$ | 0.57 |
| 21 | $\theta = 29.00 - 0.0067 \times a$ | 0.57 | $t = 27.36 - 0.0058 \times a$ | 0.57 |
| 22 | $\theta = 29.11 - 0.0068 \times a$ | 0.59 | $t = 27.42 - 0.0058 \times a$ | 0.58 |
| 23 | $\theta = 29.06 - 0.0069 \times a$ | 0.61 | $t = 27.39 - 0.0060 \times a$ | 0.61 |
| 24 | $\theta = 28.67 - 0.0063 \times a$ | 0.60 | $t = 26.96 - 0.0055 \times a$ | 0.59 |
| 25 | $\theta = 28.30 - 0.0053 \times a$ | 0.60 | $t = 26.63 - 0.0046 \times a$ | 0.53 |
| 26 | $\theta = 28.41 - 0.0063 \times a$ | 0.63 | $t = 26.83 - 0.0056 \times a$ | 0.64 |
| 27 | $\theta = 28.37 - 0.0060 \times a$ | 0.59 | $t = 26.85 - 0.0055 \times a$ | 0.62 |
| 28 | $\theta = 28.06 - 0.0052 \times a$ | 0.51 | $t = 26.56 - 0.0047 \times a$ | 0.52 |
| 29 | $\theta = 28.13 - 0.0053 \times a$ | 0.52 | $t = 26.63 - 0.0049 \times a$ | 0.54 |
| 30 | $\theta = 28.08 - 0.0059 \times a$ | 0.50 | $t = 26.58 - 0.0053 \times a$ | 0.52 |
| 31 | $\theta = 28.14 - 0.0054 \times a$ | 0.48 | $t = 26.56 - 0.0048 \times a$ | 0.49 |
| 32 | $\theta = 28.05 - 0.0056 \times a$ | 0.45 | $t = 26.46 - 0.0049 \times a$ | 0.44 |
| 33 | $\theta = 28.25 - 0.0058 \times a$ | 0.45 | $t = 26.57 - 0.0049 \times a$ | 0.41 |
| 34 | $\theta = 28.36 - 0.0064 \times a$ | 0.48 | $t = 26.60 - 0.0053 \times a$ | 0.44 |
| 35 | $\theta = 28.39 - 0.0065 \times a$ | 0.47 | $t = 26.58 - 0.0052 \times a$ | 0.39 |
| 36 | $\theta = 28.34 - 0.0068 \times a$ | 0.67 | $t = 26.42 - 0.0054 \times a$ | 0.64 |
| 37 | $\theta = 29.05 - 0.0083 \times a$ | 0.87 | $t = 27.05 - 0.0066 \times a$ | 0.81 |

a = Altitud

r² = Coeficiente de determinación

CUADRO 4

RELACION ENTRE LA ALTITUD (a) Y LAS TEMPERATURAS
DIURNA (θ) Y DIARIA (t) POR DECADA PARA
LA REGION III - PACIFICO SUR

| DECADA | ECUACION DE LA TEMPERATURA DIURNA | r ² | ECUACION DE LA TEMPERATURA DIARIA | r ² |
|--------|-----------------------------------|----------------|-----------------------------------|----------------|
| 1 | $\theta = 29.53 - 0.0068 x a$ | 0.97 | $t = 27.32 - 0.0064 x a$ | 0.97 |
| 2 | $\theta = 29.72 - 0.0068 x a$ | 0.98 | $t = 27.39 - 0.0063 x a$ | 0.97 |
| 3 | $\theta = 30.08 - 0.0069 x a$ | 0.97 | $t = 27.68 - 0.0065 x a$ | 0.97 |
| 4 | $\theta = 30.11 - 0.0069 x a$ | 0.97 | $t = 27.72 - 0.0065 x a$ | 0.97 |
| 5 | $\theta = 30.27 - 0.0068 x a$ | 0.95 | $t = 27.82 - 0.0064 x a$ | 0.96 |
| 6 | $\theta = 30.52 - 0.0069 x a$ | 0.95 | $t = 28.04 - 0.0065 x a$ | 0.96 |
| 7 | $\theta = 30.57 - 0.0069 x a$ | 0.95 | $t = 28.17 - 0.0065 x a$ | 0.95 |
| 8 | $\theta = 30.82 - 0.0068 x a$ | 0.95 | $t = 28.41 - 0.0064 x a$ | 0.96 |
| 9 | $\theta = 30.72 - 0.0068 x a$ | 0.96 | $t = 28.41 - 0.0064 x a$ | 0.96 |
| 10 | $\theta = 30.63 - 0.0067 x a$ | 0.96 | $t = 28.39 - 0.0064 x a$ | 0.96 |
| 11 | $\theta = 30.59 - 0.0067 x a$ | 0.96 | $t = 28.45 - 0.0064 x a$ | 0.96 |
| 12 | $\theta = 30.19 - 0.0066 x a$ | 0.96 | $t = 28.17 - 0.0063 x a$ | 0.96 |
| 13 | $\theta = 30.05 - 0.0065 x a$ | 0.96 | $t = 28.08 - 0.0063 x a$ | 0.96 |
| 14 | $\theta = 29.84 - 0.0067 x a$ | 0.97 | $t = 27.98 - 0.0064 x a$ | 0.97 |
| 15 | $\theta = 29.46 - 0.0064 x a$ | 0.97 | $t = 27.66 - 0.0062 x a$ | 0.97 |
| 16 | $\theta = 29.43 - 0.0064 x a$ | 0.97 | $t = 27.60 - 0.0061 x a$ | 0.97 |
| 17 | $\theta = 29.19 - 0.0064 x a$ | 0.97 | $t = 27.41 - 0.0061 x a$ | 0.97 |
| 18 | $\theta = 29.22 - 0.0064 x a$ | 0.98 | $t = 27.44 - 0.0061 x a$ | 0.97 |
| 19 | $\theta = 29.17 - 0.0063 x a$ | 0.97 | $t = 27.37 - 0.0061 x a$ | 0.97 |
| 20 | $\theta = 29.30 - 0.0065 x a$ | 0.98 | $t = 27.47 - 0.0062 x a$ | 0.97 |
| 21 | $\theta = 29.20 - 0.0064 x a$ | 0.98 | $t = 27.36 - 0.0061 x a$ | 0.97 |
| 22 | $\theta = 29.11 - 0.0063 x a$ | 0.97 | $t = 27.27 - 0.0060 x a$ | 0.97 |
| 23 | $\theta = 29.02 - 0.0063 x a$ | 0.96 | $t = 27.16 - 0.0059 x a$ | 0.95 |
| 24 | $\theta = 28.92 - 0.0063 x a$ | 0.96 | $t = 27.10 - 0.0060 x a$ | 0.96 |
| 25 | $\theta = 29.03 - 0.0064 x a$ | 0.97 | $t = 27.22 - 0.0061 x a$ | 0.96 |
| 26 | $\theta = 29.05 - 0.0066 x a$ | 0.97 | $t = 27.27 - 0.0062 x a$ | 0.96 |
| 27 | $\theta = 28.85 - 0.0064 x a$ | 0.97 | $t = 27.09 - 0.0061 x a$ | 0.96 |
| 28 | $\theta = 28.81 - 0.0064 x a$ | 0.97 | $t = 27.05 - 0.0061 x a$ | 0.96 |
| 29 | $\theta = 28.74 - 0.0065 x a$ | 0.97 | $t = 26.97 - 0.0061 x a$ | 0.96 |
| 30 | $\theta = 28.70 - 0.0064 x a$ | 0.97 | $t = 26.94 - 0.0061 x a$ | 0.96 |
| 31 | $\theta = 28.82 - 0.0065 x a$ | 0.97 | $t = 27.06 - 0.0062 x a$ | 0.96 |
| 32 | $\theta = 28.75 - 0.0065 x a$ | 0.97 | $t = 27.00 - 0.0061 x a$ | 0.96 |
| 33 | $\theta = 29.02 - 0.0066 x a$ | 0.97 | $t = 27.20 - 0.0063 x a$ | 0.96 |
| 34 | $\theta = 29.11 - 0.0067 x a$ | 0.97 | $t = 27.27 - 0.0064 x a$ | 0.96 |
| 35 | $\theta = 29.20 - 0.0067 x a$ | 0.97 | $t = 27.27 - 0.0064 x a$ | 0.96 |
| 36 | $\theta = 29.40 - 0.0068 x a$ | 0.98 | $t = 27.33 - 0.0064 x a$ | 0.97 |
| 37 | $\theta = 29.52 - 0.0068 x a$ | 0.98 | $t = 27.35 - 0.0064 x a$ | 0.97 |

a = Altitud

r² = Coeficiente de determinación

CUADRO 5

RELACION ENTRE LA ALTITUD (a) Y LAS TEMPERATURAS

DIURNA (θ) Y DIARIA (t) POR DECADA PARA

LA REGION IV - ATLANTICO

| DECADA | ECUACION DE LA TEMPERATURA DIURNA | r ² | ECUACION DE LA TEMPERATURA DIARIA | r ² |
|--------|------------------------------------|----------------|-----------------------------------|----------------|
| 1 | $\theta = 26.22 - 0.0052 \times a$ | 0.98 | $t = 24.46 - 0.0051 \times a$ | 0.99 |
| 2 | $\theta = 26.12 - 0.0052 \times a$ | 0.98 | $t = 24.43 - 0.0051 \times a$ | 0.99 |
| 3 | $\theta = 26.25 - 0.0051 \times a$ | 0.98 | $t = 24.50 - 0.0050 \times a$ | 0.99 |
| 4 | $\theta = 26.35 - 0.0052 \times a$ | 0.98 | $t = 24.58 - 0.0051 \times a$ | 0.99 |
| 5 | $\theta = 26.16 - 0.0050 \times a$ | 0.97 | $t = 24.37 - 0.0049 \times a$ | 0.98 |
| 6 | $\theta = 26.34 - 0.0050 \times a$ | 0.97 | $t = 24.56 - 0.0049 \times a$ | 0.98 |
| 7 | $\theta = 26.88 - 0.0051 \times a$ | 0.98 | $t = 25.06 - 0.0050 \times a$ | 0.99 |
| 8 | $\theta = 27.04 - 0.0050 \times a$ | 0.98 | $t = 25.30 - 0.0050 \times a$ | 0.98 |
| 9 | $\theta = 27.28 - 0.0050 \times a$ | 0.98 | $t = 25.51 - 0.0050 \times a$ | 0.99 |
| 10 | $\theta = 27.31 - 0.0050 \times a$ | 0.98 | $t = 25.58 - 0.0050 \times a$ | 0.99 |
| 11 | $\theta = 27.56 - 0.0051 \times a$ | 0.98 | $t = 25.86 - 0.0051 \times a$ | 0.99 |
| 12 | $\theta = 27.84 - 0.0052 \times a$ | 0.98 | $t = 26.09 - 0.0051 \times a$ | 0.99 |
| 13 | $\theta = 28.16 - 0.0053 \times a$ | 0.99 | $t = 26.44 - 0.0052 \times a$ | 0.99 |
| 14 | $\theta = 28.43 - 0.0054 \times a$ | 0.98 | $t = 26.69 - 0.0053 \times a$ | 0.99 |
| 15 | $\theta = 28.52 - 0.0055 \times a$ | 0.99 | $t = 26.78 - 0.0054 \times a$ | 0.99 |
| 16 | $\theta = 28.19 - 0.0054 \times a$ | 0.99 | $t = 26.50 - 0.0053 \times a$ | 0.99 |
| 17 | $\theta = 28.11 - 0.0054 \times a$ | 0.99 | $t = 26.43 - 0.0053 \times a$ | 0.99 |
| 18 | $\theta = 27.81 - 0.0054 \times a$ | 0.98 | $t = 26.22 - 0.0053 \times a$ | 0.99 |
| 19 | $\theta = 27.79 - 0.0054 \times a$ | 0.98 | $t = 26.23 - 0.0053 \times a$ | 0.99 |
| 20 | $\theta = 27.43 - 0.0054 \times a$ | 0.98 | $t = 25.91 - 0.0053 \times a$ | 0.99 |
| 21 | $\theta = 27.54 - 0.0054 \times a$ | 0.98 | $t = 25.97 - 0.0053 \times a$ | 0.99 |
| 22 | $\theta = 27.38 - 0.0053 \times a$ | 0.98 | $t = 25.83 - 0.0052 \times a$ | 0.99 |
| 23 | $\theta = 27.65 - 0.0054 \times a$ | 0.99 | $t = 26.03 - 0.0053 \times a$ | 0.99 |
| 24 | $\theta = 27.97 - 0.0055 \times a$ | 0.99 | $t = 26.28 - 0.0054 \times a$ | 0.99 |
| 25 | $\theta = 28.11 - 0.0055 \times a$ | 0.99 | $t = 26.35 - 0.0054 \times a$ | 0.99 |
| 26 | $\theta = 27.93 - 0.0055 \times a$ | 0.99 | $t = 26.25 - 0.0053 \times a$ | 0.99 |
| 27 | $\theta = 28.03 - 0.0055 \times a$ | 0.99 | $t = 26.26 - 0.0053 \times a$ | 0.99 |
| 28 | $\theta = 28.00 - 0.0055 \times a$ | 0.99 | $t = 26.29 - 0.0053 \times a$ | 0.99 |
| 29 | $\theta = 27.93 - 0.0054 \times a$ | 0.99 | $t = 26.21 - 0.0053 \times a$ | 0.99 |
| 30 | $\theta = 27.84 - 0.0055 \times a$ | 0.99 | $t = 26.15 - 0.0053 \times a$ | 0.99 |
| 31 | $\theta = 27.71 - 0.0055 \times a$ | 0.99 | $t = 26.01 - 0.0053 \times a$ | 0.99 |
| 32 | $\theta = 27.26 - 0.0054 \times a$ | 0.98 | $t = 25.64 - 0.0053 \times a$ | 0.99 |
| 33 | $\theta = 27.40 - 0.0055 \times a$ | 0.99 | $t = 25.73 - 0.0053 \times a$ | 0.99 |
| 34 | $\theta = 27.13 - 0.0054 \times a$ | 0.99 | $t = 25.47 - 0.0053 \times a$ | 0.99 |
| 35 | $\theta = 26.71 - 0.0053 \times a$ | 0.98 | $t = 25.08 - 0.0052 \times a$ | 0.99 |
| 36 | $\theta = 26.39 - 0.0053 \times a$ | 0.98 | $t = 24.65 - 0.0052 \times a$ | 0.98 |
| 37 | $\theta = 26.37 - 0.0052 \times a$ | 0.98 | $t = 24.57 - 0.0051 \times a$ | 0.99 |

a = Altitud

r² = Coeficiente de determinación

CUADRO 6

RELACION ENTRE LA ALTITUD (a) Y LAS TEMPERATURAS

DIURNA (θ) Y DIARIA (t) POR DECADA PARA

LA REGION V - SUBVERTIENTE NORTE

| DECADA | ECUACION DE LA TEMPERATURA DIURNA | r ² | ECUACION DE LA TEMPERATURA DIARIA | r ² |
|--------|------------------------------------|----------------|-----------------------------------|----------------|
| 1 | $\theta = 26.48 - 0.0052 \times a$ | 0.97 | $t = 24.89 - 0.0050 \times a$ | 0.97 |
| 2 | $\theta = 26.46 - 0.0054 \times a$ | 0.97 | $t = 24.84 - 0.0051 \times a$ | 0.96 |
| 3 | $\theta = 26.56 - 0.0054 \times a$ | 0.97 | $t = 24.91 - 0.0051 \times a$ | 0.97 |
| 4 | $\theta = 26.62 - 0.0054 \times a$ | 0.97 | $t = 24.96 - 0.0051 \times a$ | 0.97 |
| 5 | $\theta = 26.78 - 0.0053 \times a$ | 0.97 | $t = 25.03 - 0.0051 \times a$ | 0.96 |
| 6 | $\theta = 27.19 - 0.0056 \times a$ | 0.97 | $t = 25.40 - 0.0053 \times a$ | 0.97 |
| 7 | $\theta = 27.33 - 0.0053 \times a$ | 0.97 | $t = 25.51 - 0.0050 \times a$ | 0.97 |
| 8 | $\theta = 27.97 - 0.0056 \times a$ | 0.97 | $t = 26.09 - 0.0053 \times a$ | 0.97 |
| 9 | $\theta = 28.15 - 0.0055 \times a$ | 0.97 | $t = 26.25 - 0.0052 \times a$ | 0.97 |
| 10 | $\theta = 28.26 - 0.0056 \times a$ | 0.97 | $t = 26.38 - 0.0053 \times a$ | 0.97 |
| 11 | $\theta = 28.52 - 0.0057 \times a$ | 0.96 | $t = 26.61 - 0.0053 \times a$ | 0.96 |
| 12 | $\theta = 28.59 - 0.0057 \times a$ | 0.96 | $t = 26.70 - 0.0054 \times a$ | 0.96 |
| 13 | $\theta = 28.62 - 0.0056 \times a$ | 0.96 | $t = 26.74 - 0.0052 \times a$ | 0.96 |
| 14 | $\theta = 28.68 - 0.0055 \times a$ | 0.96 | $t = 26.83 - 0.0052 \times a$ | 0.95 |
| 15 | $\theta = 28.62 - 0.0056 \times a$ | 0.97 | $t = 26.80 - 0.0052 \times a$ | 0.96 |
| 16 | $\theta = 28.54 - 0.0056 \times a$ | 0.97 | $t = 26.75 - 0.0052 \times a$ | 0.96 |
| 17 | $\theta = 28.43 - 0.0055 \times a$ | 0.97 | $t = 26.72 - 0.0051 \times a$ | 0.98 |
| 18 | $\theta = 28.21 - 0.0056 \times a$ | 0.97 | $t = 26.58 - 0.0052 \times a$ | 0.98 |
| 19 | $\theta = 28.19 - 0.0056 \times a$ | 0.98 | $t = 26.58 - 0.0052 \times a$ | 0.98 |
| 20 | $\theta = 27.82 - 0.0055 \times a$ | 0.98 | $t = 26.35 - 0.0052 \times a$ | 0.99 |
| 21 | $\theta = 27.86 - 0.0054 \times a$ | 0.98 | $t = 26.32 - 0.0051 \times a$ | 0.98 |
| 22 | $\theta = 27.89 - 0.0056 \times a$ | 0.98 | $t = 26.35 - 0.0053 \times a$ | 0.98 |
| 23 | $\theta = 28.00 - 0.0055 \times a$ | 0.97 | $t = 26.36 - 0.0052 \times a$ | 0.96 |
| 24 | $\theta = 28.05 - 0.0055 \times a$ | 0.96 | $t = 26.36 - 0.0052 \times a$ | 0.95 |
| 25 | $\theta = 28.16 - 0.0057 \times a$ | 0.96 | $t = 26.43 - 0.0053 \times a$ | 0.96 |
| 26 | $\theta = 28.20 - 0.0057 \times a$ | 0.96 | $t = 26.43 - 0.0053 \times a$ | 0.95 |
| 27 | $\theta = 28.12 - 0.0057 \times a$ | 0.95 | $t = 26.37 - 0.0053 \times a$ | 0.94 |
| 28 | $\theta = 28.09 - 0.0057 \times a$ | 0.95 | $t = 26.33 - 0.0053 \times a$ | 0.94 |
| 29 | $\theta = 27.92 - 0.0055 \times a$ | 0.94 | $t = 26.20 - 0.0052 \times a$ | 0.93 |
| 30 | $\theta = 27.69 - 0.0056 \times a$ | 0.96 | $t = 26.02 - 0.0052 \times a$ | 0.95 |
| 31 | $\theta = 27.54 - 0.0053 \times a$ | 0.96 | $t = 25.91 - 0.0050 \times a$ | 0.95 |
| 32 | $\theta = 27.12 - 0.0056 \times a$ | 0.97 | $t = 25.59 - 0.0052 \times a$ | 0.97 |
| 33 | $\theta = 26.93 - 0.0051 \times a$ | 0.98 | $t = 25.37 - 0.0048 \times a$ | 0.97 |
| 34 | $\theta = 26.83 - 0.0052 \times a$ | 0.97 | $t = 25.26 - 0.0049 \times a$ | 0.96 |
| 35 | $\theta = 26.53 - 0.0053 \times a$ | 0.98 | $t = 24.94 - 0.0050 \times a$ | 0.97 |
| 36 | $\theta = 26.46 - 0.0054 \times a$ | 0.97 | $t = 24.86 - 0.0051 \times a$ | 0.96 |
| 37 | $\theta = 26.45 - 0.0054 \times a$ | 0.97 | $t = 24.84 - 0.0051 \times a$ | 0.96 |

a = Altitud

r² = Coeficiente de determinación

CUADRO 7

RELACION ENTRE EL PROMEDIO INTERANUAL POR DECADA DE LA
PRECIPITACION Y EL BRILLO SOLAR POR REGION CLIMATICA

| REGION | ECUACION DE REGRESION | r |
|----------------|---|--------|
| Valle Central | $bs = 8.4799 - 0.077975 x p + 0.00039392 p^2$ | 0.8490 |
| Pacífico Norte | $bs = 8.9524 - 0.068464 x p + 0.00027891 p^2$ | 0.8835 |
| Pacífico Sur | $bs = 9.1104 - 0.05636 x p + 0.000163090 p^2$ | 0.8431 |
| Costa Rica | $bs = 8.6388 - 0.06344 x p + 0.000226110 p^2$ | 0.8428 |

bs = Brillo solar

p = Promedio interanual por década de la precipitación

r = Coeficiente de correlación

3. Estimación de la radiación global (Rg) y la evapotranspiración potencial (ETP)

La radiación global diaria, Rg, puede estimarse a partir de la duración de la insolación, n, mediante una fórmula de tipo Black-Prescott:

$$Rg/Rg_0 = a + b (n/N)$$

con:

- Rg Radiación global diaria
Rg₀ Radiación solar al tope de la atmósfera
n Duración de la insolación
N Duración astronómica del día
a y b Coeficientes empíricos específicos de la región considerada y determinados estadísticamente. Los valores escogidos para nuestro estudio a = 0,23 y b = 0,46

La evapotranspiración potencial, ETP, se calculó utilizando la fórmula de Priestley-Taylor (8), que se detalla a continuación:

Su expresión general (Priestley y Taylor, 1972) es:

$$ETP = 1,26 \frac{\Delta}{\Delta + \gamma} \cdot (R_n - G)$$

- ETP Evapotranspiración potencial
 Δ Pendiente de la curva que da la presión máxima de vapor de agua en función de la temperatura
 γ Constante psicrométrica
R_n Radiación neta
G Flujo de calor a nivel del suelo, representa aproximadamente un 5% de R_n

El término $\Delta/(\Delta+\gamma)$ no tiene dimensión y varía con la temperatura del aire. Para un rango de temperaturas entre 10 y 30°C, se puede estimar por medio de la fórmula siguiente:

$$\Delta/(\Delta + \gamma) = f(\theta) = 0,430 + 0,012 \cdot \theta$$

La fórmula de Priestley-Taylor se utiliza generalmente a nivel diario, siendo en este caso θ el promedio de la temperatura diaria y R_n la radiación neta diaria.

La radiación neta a nivel diario, R_n , se determina a partir de la radiación global diaria, R_g , ya que el cociente R_n/R_g es considerado como una constante para una región determinada, esto es $R_n/R_g = c$. Se puede emplear $c = 0,60$ para Costa Rica.

4. Análisis temporal de los datos meteorológicos: Análisis frecuencial

El principal factor limitante para la producción agrícola en la mayoría de los países de la zona intertropical es el factor hídrico. Muy a menudo la falta de agua impide el desarrollo de los cultivos anuales. La pluviosidad constituye el principal aporte de agua para los cultivos, pero su repartición en el año es muy desigual (alternancia estación seca - estación lluviosa) y su variabilidad interanual muy grande. Además, se suma a esto, la variación de la precipitación debido a la diversidad topográfica característica de nuestros países.

La metodología propuesta para el estudio de las condiciones hídricas de los cultivos se basa en el análisis frecuencial de la precipitación, a lo largo del año, por períodos elementales de una duración de diez días. Este tipo de análisis permite determinar, a un nivel de riesgo determinado, el período de cultivo, esto es, la fecha de inicio y fin de la época de siembra, siendo esto, a la vez, un criterio determinante en la elección de los cultivos que mejor se adapten a las condiciones agroclimáticas imperantes en la región analizada.

4.1 Análisis frecuencial de la precipitación

De un año al otro la precipitación es sumamente variable, sin importar el período de tiempo que se considere para su estudio. Sólo por medio del análisis frecuencial, se podrá evaluar el aspecto aleatorio del fenómeno y determinar el riesgo climático causado por la fluctuación interanual de la precipitación. El año es dividido en períodos elementales de diez días, denominados décadas. Para cada década se determina la frecuencia de que la lluvia sobrepase la mitad de la evapotranspiración potencial, ETP. Esta frecuencia se calcula directamente a partir de la muestra de las lluvias diarias, sin ser ajustada a una ley teórica de probabilidad.

Un período elemental de diez días representa una duración estándar, que toma en cuenta la capacidad de almacenamiento del agua por parte del suelo. Por ejemplo, si se considera un suelo con una capacidad máxima de almacenamiento de 50 mm (reserva útil) y una evaporación máxima de $5 \text{ mm} \cdot \text{día}^{-1}$, este suelo podrá ceder agua a las plantas durante diez días, sin que exista la necesidad de una nueva lluvia. Sin embargo, ésto es un caso extremo, ya que generalmente la reserva útil del suelo es mayor y la evapotranspiración menor a la del ejemplo.

La evapotranspiración potencial, ETP, representa aproximadamente el requisito óptimo en agua de un cultivo bien desarrollado y cubriendo bien el suelo. Se puede considerar que la mitad de la evapotranspiración potencial ($ETP/2$), representa el requisito mínimo para obtener un rendimiento satisfactorio (pero no necesariamente óptimo). Esto constituye evidentemente una aproximación necesaria para simplificar el problema.

Los resultados, es decir, las frecuencias para cada década, son representados en un gráfico, cuya abcisa representa una escala de tiempo que abarca todo el año y graduada en décadas (36 décadas), y la ordenada una escala de frecuencia graduada de 0 a 1.

4.2 Determinación del período de cultivo

Las curvas obtenidas pueden ser utilizadas para determinar la época de cultivo (inicio, duración y fin), a un cierto nivel de probabilidad. Se escoge generalmente el valor de 0,75, que significa una frecuencia de ocurrencia del fenómeno 3 años cada 4 y corresponde a un riesgo aceptable en agricultura.

El período de cultivo comienza con la primera década, donde la frecuencia sobrepasa el valor de 0,75 y termina con la primera década con una frecuencia inferior a 0,75.

Si una década con una frecuencia inferior a 0,75 se encuentra entre dos décadas, con valor superior a 0,75, se considera que no hay interrupción del período de cultivo. Pueden aparecer evidentemente varios períodos de cultivo (generalmente no más de dos).

Para cada estación analizada se obtiene así la duración de la época de cultivo (o épocas de cultivo) y la fecha de inicio de esa época (o épocas) (Fig. 2). Si la red de estaciones es lo suficientemente densa, se pueden representar los resultados en un mapa por medio de un trazado de isolíneas.

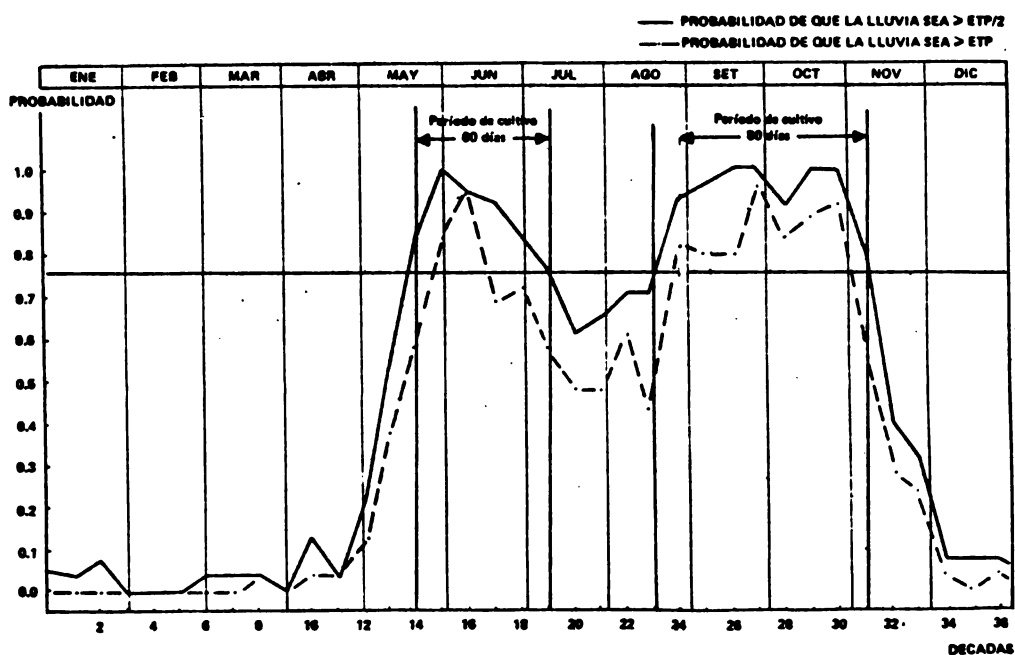


Fig. 2. Análisis frecuencial de lluvias para la estación Santa Cruz.

4.3 Aplicación práctica en agricultura del análisis frecuencial de lluvias

El interés práctico de las curvas obtenidas por medio del análisis frecuencial de lluvias, radica en el hecho de que ellas permiten comparar el clima de una estación meteorológica dada, con todos los ciclos vegetativos de todos los cultivos posibles para la región.















Vamos a suponer que para los siguientes cultivos: maní, maíz, ñame, algodón, arroz, soya y sorgo, los requerimientos termoradiativos y fisioedáficos son satisfactorios en la región de Santa Cruz y que el único factor que se presenta como limitante es el hídrico.

En la página 23 se presentan los esquemas de la duración de los ciclos vegetativos de estos cultivos, así como los períodos sensibles a la falta de disponibilidad de agua en el suelo. Los esquemas están, evidentemente, a la misma escala que las curvas del análisis frecuencial de lluvias, lo que fácilmente permite superponerlas con la ayuda de una regla graduada. Estos esquemas, tomados de F.A.O. (2), representan: la duración total del ciclo, los límites y duraciones de los períodos que exigen una mayor disponibilidad de agua y los períodos con gran sensibilidad al "stress" hídrico.

En términos agroclimáticos, estos ciclos se componen de tres períodos articulados de una manera diferente:

- períodos donde el cultivo necesita una disponibilidad de agua inferior a la mitad de la ETP (en general en la germinación y la maduración),
- períodos donde el cultivo exige una disponibilidad de agua superior a la mitad de la ETP, pero inferior a 0.9 ETP,

CICLOS VEGETATIVOS

| | |
|---|-------------------------------------|
| *  | MANI CICLO CORTO (90 días) |
| *  | MANI CICLO MEDIO (110 d) |
| *  | MANI CICLO LARGO (130 d) |
| *  | MANI CICLO LARGO (140 d) |
|  | ALGODON L299-10 CICLO MEDIO (165 d) |
|  | ÑAME SEMI-TARDIO (8 meses) |
| *  | MAIZ SEMI-PRECOZ (110 d) |
| *  | MAIZ CICLO MEDIO (120 d) |
| *  | MAIZ SEMI-TARDIO (130 d) |
| *  | ARROZ PRECOZ (110 d) |
| *  | ARROZ MEDIO (135 d) |
| *  | ARROZ TARDIO (155 d) |
|  | SOYA (95 d) |
|  | SOYA (110 d) |
| mismo esquema que un maíz del mismo ciclo | SORGO PRECOZ |
| mismo esquema que un maíz del mismo ciclo, pero la formación de la espiga debe ir entre los eventos 7 y 8 | SORGO TARDIO |

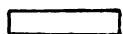
LEYENDA:



Porción del ciclo vegetativo que debe coincidir con un período húmedo, donde:



Período de mayor sensibilidad a la sequía (floración, en general)



Porción del ciclo vegetativo que puede soportar períodos semi-húmedos (germinación, crecimiento)



Porción del ciclo vegetativo que puede soportar períodos semi-húmedos o secos (maduración)

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La siembra del maíz y del maní debe ser precedida de una lluvia de 15-20 mm y la del arroz de una lluvia de 25-30 mm

- períodos donde el cultivo necesita satisfacer en forma plena sus necesidades hídricas (más de 0.9 ETP).

En esta parte, vamos a intentar confrontar las diferentes necesidades hídricas de cada etapa fenológica del cultivo con el aporte natural de agua. Los períodos más sensibles a la sequía deberán coincidir con las frecuencias más altas de que la lluvia supere el valor de la ETP.

Un primer ejemplo podría ser el sembrar, durante el primer período de cultivo en la región de Santa Cruz, una variedad precoz de maní (90 días), la cual, sin embargo, necesitaría de una lluvia, previa a la siembra, de unos 15 ó 20 mm, o en su defecto (que es lo más probable que suceda) se deberá recurrir al riego. Además, a partir de la década 22, se podría sembrar una variedad de maíz de 110 días. Esto se ilustra en la Figura 3.

Si el problema fuera encontrar la mejor época de cultivo para el maní en Santa Cruz, sería más adecuado el segundo período de cultivo. Esto porque, como se aprecia en la Figura 3, a partir de la década 17 dentro del primer período de cultivo (o sea a mediados de junio) las frecuencias de que la lluvia sea superior a la ETP disminuyen y esta disminución coincide con un período de alta sensibilidad a la sequía. Por esta razón es más conveniente el segundo período de cultivo, el cual se adapta mejor a las necesidades hídricas del maní (Figura 4).

Otro ejemplo sería que resultados de estudios económicos indicaran como cultivos más rentables para la región al algodón (165 días) y a una variedad precoz de arroz (110 días), siendo indispensable, en este caso, contar con riego complementario, tanto al inicio de la siembra (en el caso del arroz), como a mediados (en el caso del algodón), ésto debido a una conjugación de factores meteorológicos, conocida popularmente como "canícula" o "veranillo", que tiene lugar durante los meses de julio y agosto y que provoca una disminución de las precipitaciones (Figuras 5 y 6).

Fig. 3

ESTACION SANTA CRUZ ANALISIS FRECUENCIAL DE LLUVIAS

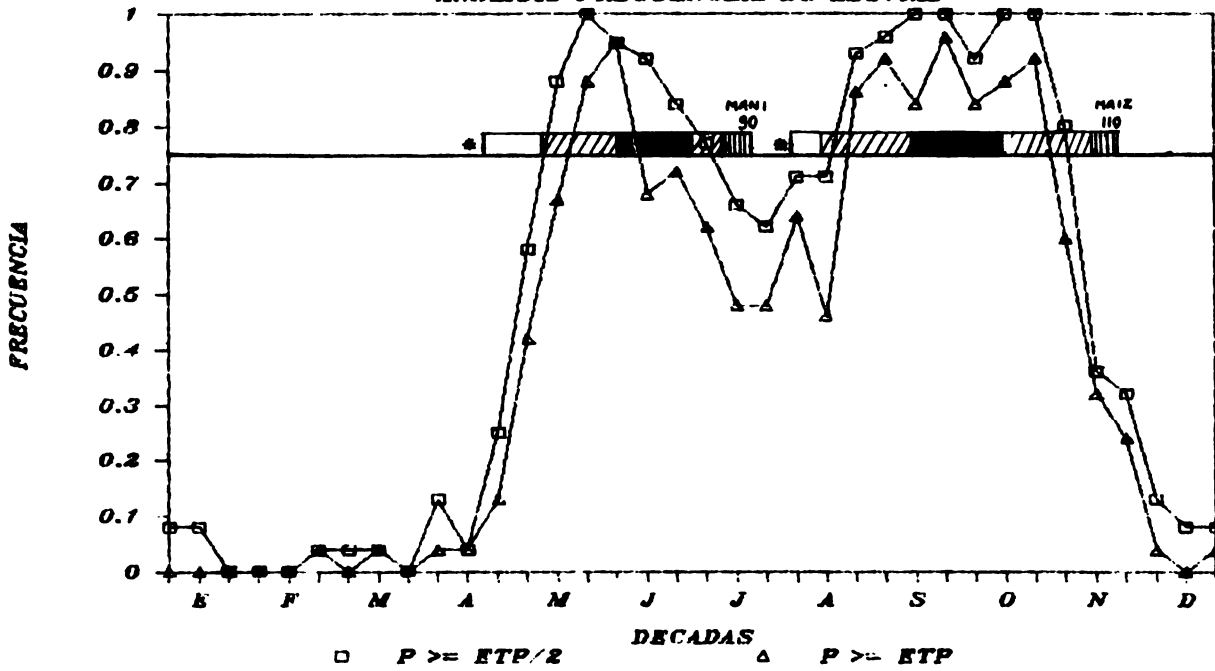


Fig. 4

ESTACION SANTA CRUZ ANALISIS FRECUENCIAL DE LLUVIAS

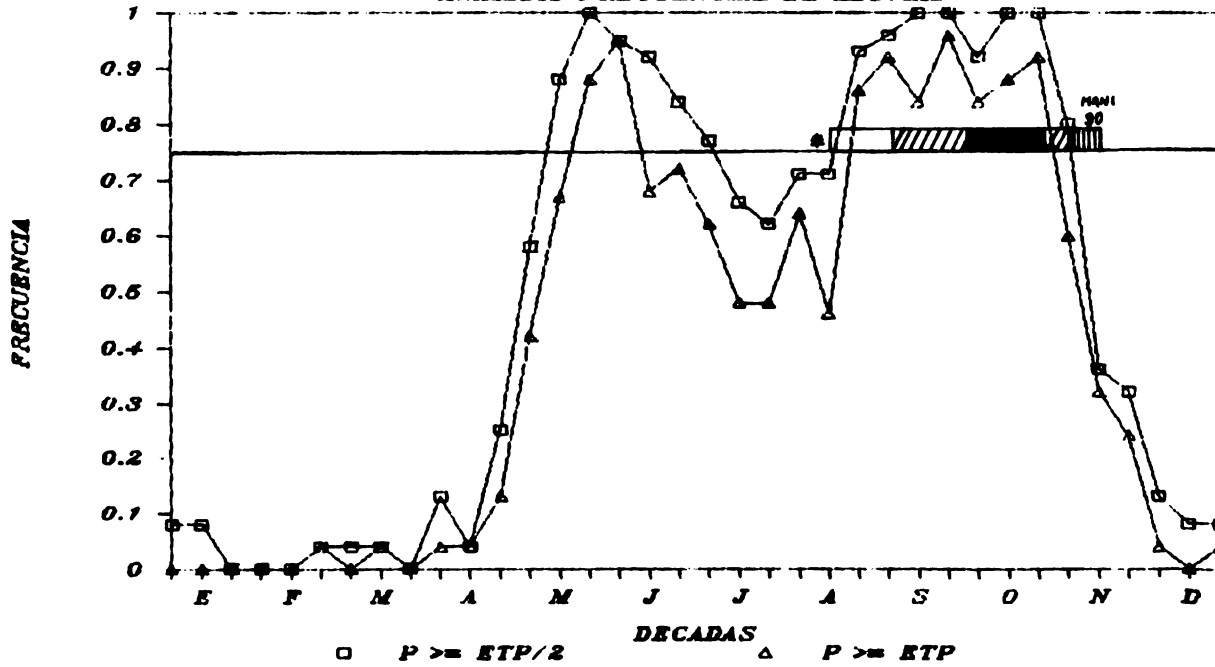


Fig. 5 **ESTACION SANTA CRUZ**
ANALISIS FRECUENCIAL DE LLUVIAS

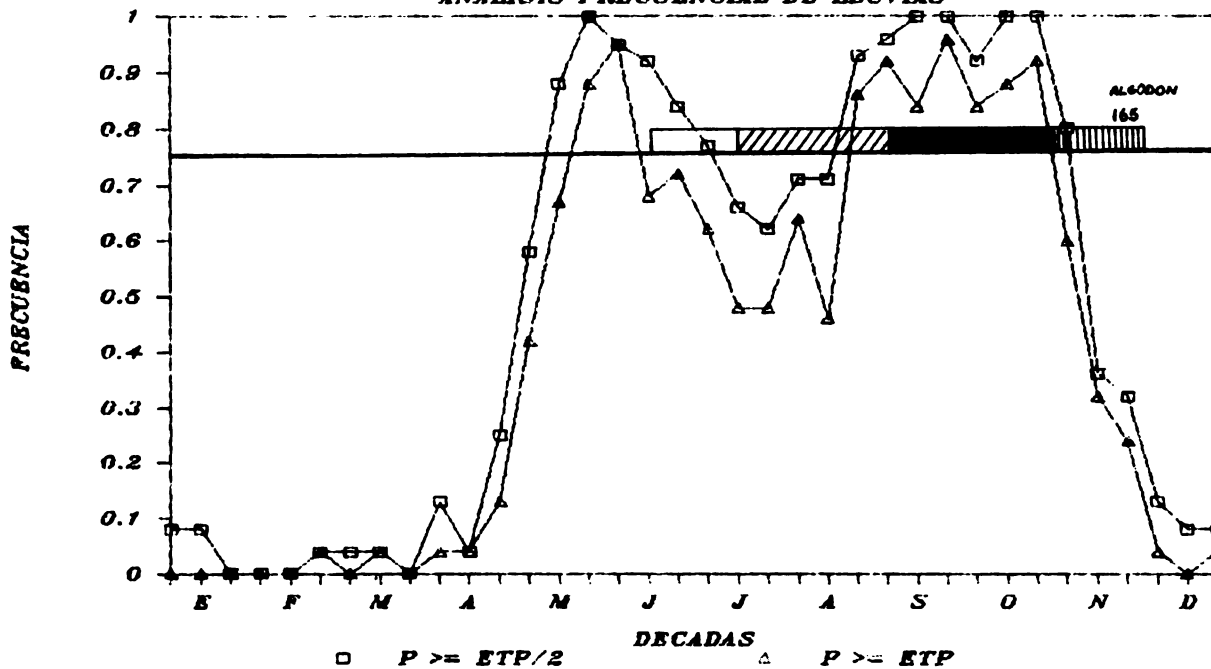
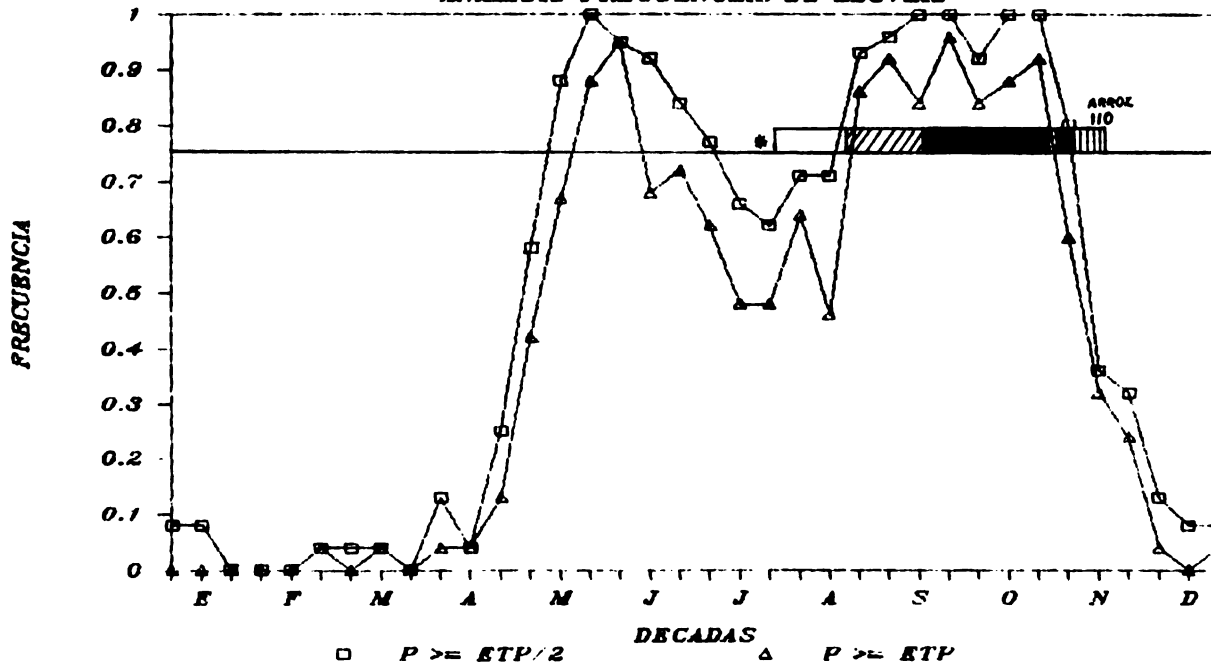


Fig. 6 **ESTACION SANTA CRUZ**
ANALISIS FRECUENCIAL DE LLUVIAS



RESULTADOS

1. La evapotranspiración potencial, ETP

En la Figura 7 se presentan los valores para la ETP, por década, para tres regiones físico-geográficas de Costa Rica bien diferentes: Pacífico Norte, Valle Central y Atlántico. Se aprecia que los valores mayores para la ETP se obtienen en el Pacífico Norte, mientras que los menores se ubican en la región Atlántica del país, durante los primeros meses del año, y en el Valle Central a partir del mes de mayo. Además, la fluctuación en el transcurso del año no es muy significativa, siendo el máximo de variación de 20 mm por década, lo que representa, aproximadamente, 2 mm entre el día de mayor evapotranspiración y el menor.

2. Estimaciones de los elementos meteorológicos faltantes y análisis frecuencial de lluvias

En los cuadros subsiguientes se presentan las estimaciones de los elementos meteorológicos para las estaciones que carecían de estos datos. A pesar de las buenas correlaciones obtenidas, estos resultados deben ser considerados como indicativos y no como datos reales medidos. Cada cuadro viene acompañado de los resultados del análisis frecuencial de lluvias en forma de figura.

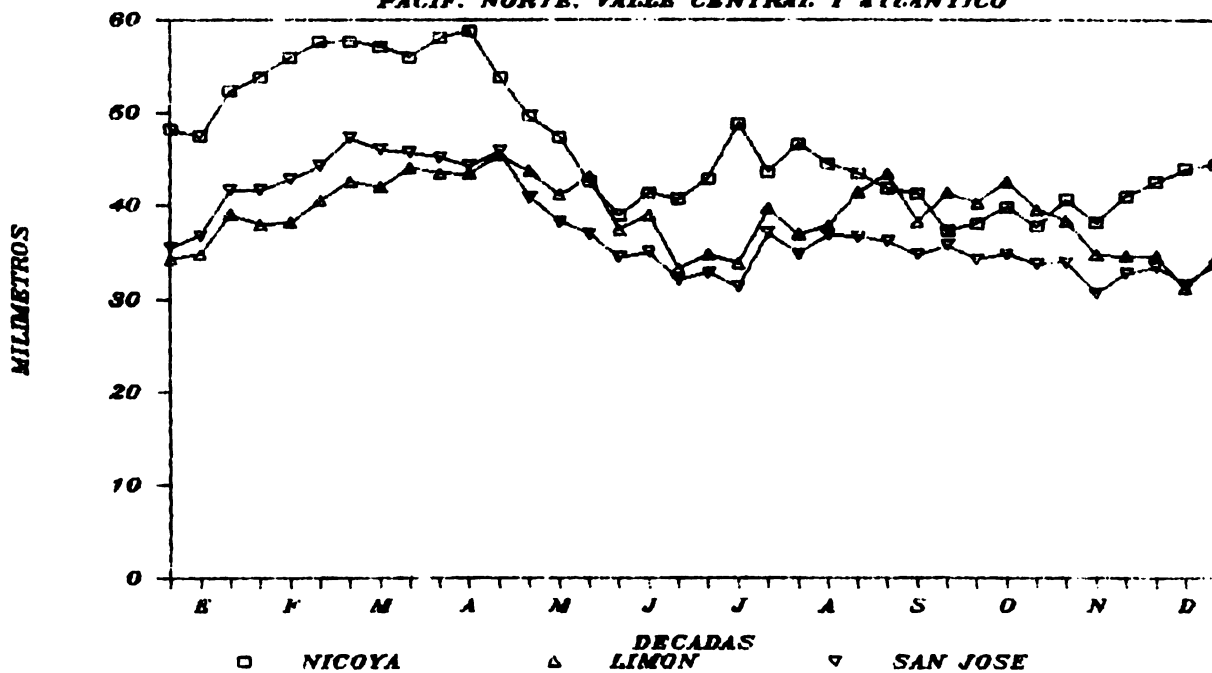
3. Análisis de la duración del período de cultivo

En el Mapa 1 aparecen las isolíneas de la duración del período de cultivo para Costa Rica. Se aprecia que las mayores duraciones se obtienen en la región Atlántica, mientras que los períodos más cortos se dan en el Pacífico Norte. Se recuerda que estos resultados deben ser analizados en forma conjunta; esto es, que a la duración del período de cultivo se debe agregar el análisis termoradiativo.

Por ejemplo, aunque en una región exista la duración necesaria, desde el punto de vista hídrico, para cultivar papas (Solanum tuberosum), se deberán estudiar otros factores, como la temperatura, ya que el

Fig. 7

ETP TRES REGIONES DE COSTA RICA
PACIF. NORTE. VALLE CENTRAL Y ATLANTICO



cultivo de la papa tiene un rango término óptimo, que va de los 15°C a los 20°C, siendo imposible el cultivo de la misma en las regiones bajas, como el Pacífico Norte de Costa Rica.

Se señala que la escala original del mapa es de 1:500.000 y además que varios períodos de cultivo resultan de la suma de dos períodos elementales como sucede en algunas estaciones del Pacífico Norte.

Consideramos que los resultados obtenidos suministran una valiosa información que deberá ser manejada en forma prudente por los planificadores, ingenieros agrónomos, ecólogos, biólogos, etc., para un mejor uso de los recursos naturales del país.

LEYENDA CUADROS

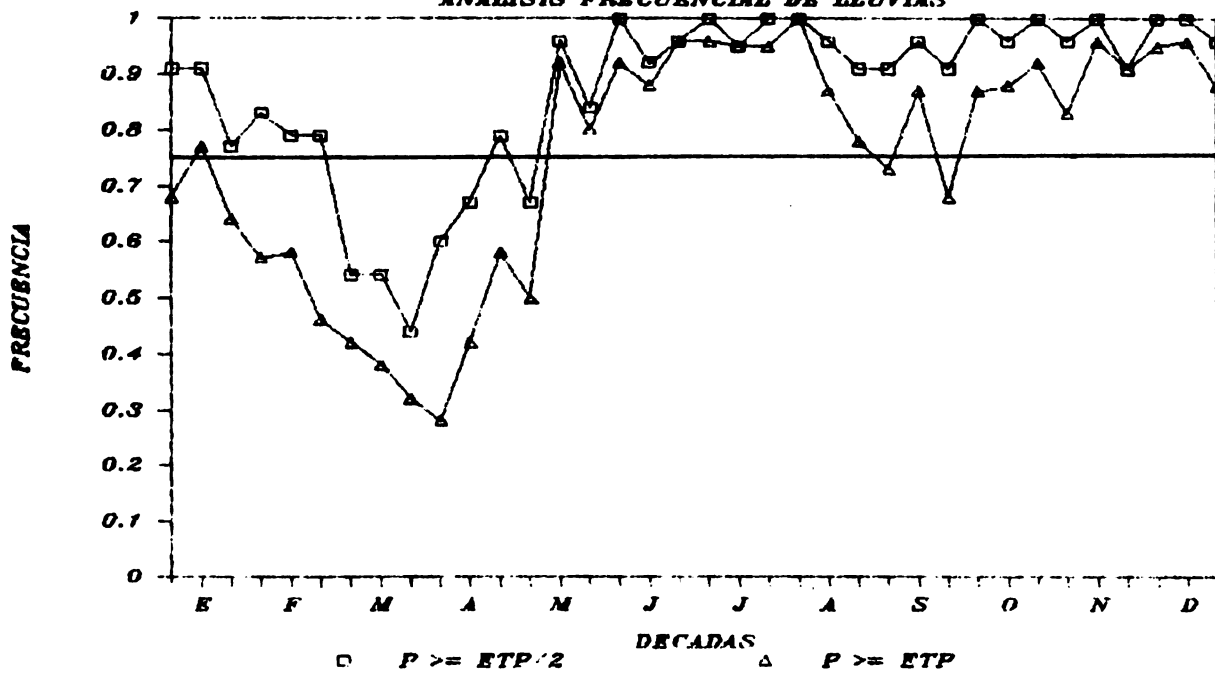
Los cuadros siguientes están ordenados según el número ascendente del código asignado por el Instituto Meteorológico Nacional (Cuadro 1).

| | |
|-----------|---|
| DECADA | Período de diez días |
| AMPLITUD | Diferencia entre las temperaturas máxima y mínima del día |
| T. DIURNA | Temperatura diurna, θ (explicación en el texto) |
| T. DIARIA | Temperatura diaria, t (explicación en el texto) |
| INSO | Insolación o brillo solar, en horas |
| ETP | Evapotranspiración potencial, acumulado para la década |
| P1 | Frecuencia de que la lluvia sea superior o igual a ETP/2 |
| P2 | Frecuencia de que la lluvia sea superior o igual a ETP |
| P3 | Frecuencia de que la lluvia sea superior o igual a 2ETP |
| GC | Radiación global en $\text{cal} \cdot \text{cm}^{-2} \cdot \text{día}^{-1}$ |
| NB | Número de años efectivos de la muestra de precipitación por década utilizados en el análisis frecuencial de lluvias |

DATOS DE INSOLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION PTO VIEJO SARAPIQUI
 CODIGO 69503 LAT 10 28 LCG 84 1 ALT 37
 NUMERO DE AÑOS ANALIZADOS 25

| RECACA | AMPLITUD | T. DIURNA | INSO | ETP | PI | P2 | P3 | GC | NB. |
|--------|----------|-----------|------|-------|------|------|------|--------|-----|
| 1 | 10.50 | 27.07 | 4.97 | 35.01 | 0.91 | 0.68 | 0.41 | 317.77 | 22 |
| 2 | 11.00 | 27.10 | 4.99 | 35.72 | 0.77 | 0.77 | 0.30 | 323.49 | 22 |
| 3 | 12.10 | 25.15 | 5.26 | 37.47 | 0.83 | 0.57 | 0.30 | 335.18 | 22 |
| 4 | 13.10 | 24.05 | 5.74 | 38.47 | 0.79 | 0.58 | 0.21 | 372.12 | 22 |
| 5 | 13.30 | 25.35 | 5.66 | 41.06 | 0.54 | 0.45 | 0.17 | 378.12 | 22 |
| 6 | 13.30 | 25.35 | 5.92 | 43.00 | 0.54 | 0.42 | 0.14 | 394.56 | 22 |
| 7 | 13.30 | 26.20 | 6.37 | 46.21 | 0.44 | 0.38 | 0.10 | 413.00 | 22 |
| 8 | 13.80 | 26.30 | 5.94 | 47.72 | 0.60 | 0.32 | 0.06 | 416.00 | 22 |
| 9 | 14.00 | 26.50 | 5.40 | 45.00 | 0.67 | 0.28 | 0.00 | 408.76 | 22 |
| 10 | 13.00 | 26.80 | 5.14 | 42.81 | 0.79 | 0.50 | 0.29 | 398.44 | 22 |
| 11 | 12.50 | 26.55 | 5.63 | 44.37 | 0.67 | 0.50 | 0.00 | 408.44 | 22 |
| 12 | 11.50 | 27.15 | 4.25 | 44.86 | 0.96 | 0.80 | 0.00 | 416.21 | 22 |
| 13 | 11.70 | 27.15 | 4.20 | 38.45 | 0.84 | 0.92 | 0.00 | 394.17 | 22 |
| 14 | 11.20 | 27.40 | 4.63 | 38.19 | 1.00 | 0.88 | 0.00 | 337.55 | 22 |
| 15 | 11.70 | 27.15 | 4.22 | 38.76 | 0.96 | 0.90 | 0.00 | 337.55 | 22 |
| 16 | 11.50 | 27.05 | 4.20 | 38.08 | 1.00 | 0.95 | 0.00 | 337.55 | 22 |
| 17 | 11.50 | 26.75 | 4.26 | 38.35 | 1.00 | 0.95 | 0.00 | 337.55 | 22 |
| 18 | 11.50 | 26.80 | 4.19 | 38.98 | 1.00 | 0.95 | 0.00 | 337.55 | 22 |
| 19 | 11.60 | 27.25 | 4.82 | 41.23 | 0.96 | 1.07 | 0.00 | 341.14 | 22 |
| 20 | 11.90 | 27.35 | 4.75 | 41.55 | 0.91 | 0.78 | 0.00 | 344.14 | 22 |
| 21 | 12.50 | 27.35 | 4.97 | 41.55 | 0.96 | 0.68 | 0.00 | 364.00 | 22 |
| 22 | 12.30 | 27.10 | 4.69 | 38.73 | 1.00 | 0.88 | 0.00 | 364.00 | 22 |
| 23 | 11.80 | 26.65 | 4.48 | 38.39 | 0.96 | 0.88 | 0.00 | 364.00 | 22 |
| 24 | 11.40 | 26.15 | 4.28 | 35.43 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 25 | 11.00 | 26.90 | 4.21 | 34.36 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 26 | 11.00 | 25.80 | 4.39 | 33.43 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 27 | 10.60 | 25.30 | 4.24 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 28 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 29 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 30 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 31 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 32 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 33 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 34 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 35 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 36 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |
| 37 | 10.90 | 25.30 | 4.55 | 33.25 | 1.00 | 0.93 | 0.00 | 352.18 | 22 |

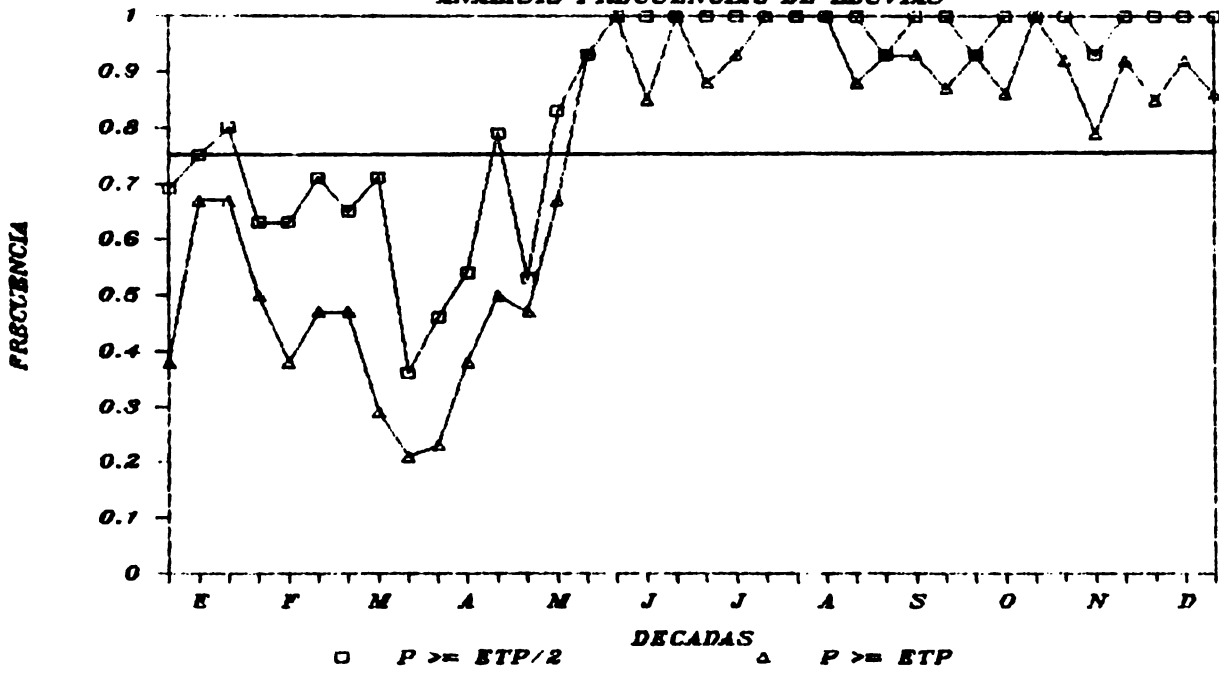
ESTACION PUERTO VIEJO ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION SAN MIGUEL SARAPIQUI
 CODIGO 69506 LAT 10 19 LONG 84 11 ALT 500
 NUMERO DE AÑOS ANALIZADOS 19

| LECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | N8 |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 8.82 | 23.75 | 22.39 | 5.29 | 34.59 | 0.69 | 0.38 | 0.31 | 327.77 | 13 |
| 2 | 8.96 | 23.75 | 22.32 | 5.22 | 34.97 | 0.80 | 0.67 | 0.47 | 321.56 | 15 |
| 3 | 9.20 | 24.08 | 22.37 | 4.82 | 33.84 | 0.63 | 0.50 | 0.47 | 322.50 | 16 |
| 4 | 9.68 | 24.10 | 22.48 | 5.58 | 35.12 | 0.63 | 0.38 | 0.19 | 347.97 | 7 |
| 5 | 9.87 | 24.41 | 22.71 | 5.63 | 38.96 | 0.71 | 0.47 | 0.22 | 347.97 | 7 |
| 6 | 10.23 | 24.55 | 22.41 | 6.36 | 43.82 | 0.71 | 0.49 | 0.22 | 415.76 | 4 |
| 7 | 10.35 | 24.62 | 22.57 | 6.48 | 44.23 | 0.36 | 0.21 | 0.14 | 425.12 | 5 |
| 8 | 10.41 | 24.67 | 22.41 | 5.98 | 46.23 | 0.44 | 0.23 | 0.23 | 451.05 | 5 |
| 9 | 10.25 | 24.55 | 22.37 | 5.53 | 44.23 | 0.79 | 0.50 | 0.23 | 451.05 | 5 |
| 10 | 10.23 | 24.55 | 22.37 | 5.92 | 42.37 | 0.53 | 0.47 | 0.23 | 451.05 | 5 |
| 11 | 10.50 | 24.89 | 24.12 | 4.50 | 38.18 | 0.83 | 0.67 | 0.47 | 351.22 | 4 |
| 12 | 9.76 | 24.55 | 24.28 | 4.57 | 37.98 | 0.93 | 0.53 | 0.47 | 355.00 | 2 |
| 13 | 9.54 | 24.71 | 24.12 | 4.57 | 37.78 | 1.00 | 0.50 | 0.45 | 354.17 | 1 |
| 14 | 9.51 | 24.55 | 24.12 | 4.48 | 37.28 | 1.00 | 0.65 | 0.52 | 354.17 | 1 |
| 15 | 9.70 | 24.55 | 24.12 | 4.25 | 36.30 | 1.00 | 0.60 | 0.52 | 354.17 | 1 |
| 16 | 9.51 | 24.55 | 24.12 | 4.23 | 36.27 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 17 | 9.37 | 24.55 | 23.73 | 4.23 | 36.45 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 18 | 9.37 | 24.55 | 23.69 | 4.23 | 36.72 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 19 | 9.37 | 24.55 | 23.69 | 4.22 | 36.91 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 20 | 9.37 | 24.55 | 23.69 | 4.20 | 36.05 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 21 | 9.37 | 24.55 | 23.69 | 4.24 | 37.26 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 22 | 9.37 | 24.55 | 23.69 | 4.28 | 37.90 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 23 | 9.37 | 24.55 | 23.69 | 4.55 | 37.61 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 24 | 9.37 | 24.55 | 23.69 | 4.23 | 35.67 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 25 | 9.37 | 24.55 | 23.69 | 4.23 | 34.95 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 26 | 9.37 | 24.55 | 23.69 | 4.23 | 33.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 27 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 28 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 29 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 30 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 31 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 32 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 33 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 34 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 35 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 36 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 37 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 38 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 39 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 40 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 41 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 42 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 43 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 44 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 45 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 46 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 47 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 48 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 49 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |
| 50 | 9.37 | 24.55 | 23.69 | 4.23 | 32.87 | 1.00 | 0.93 | 0.81 | 337.18 | 1 |

ESTACION SAN MIGUEL ANALISIS FRECUENCIAL DE LLUVIAS

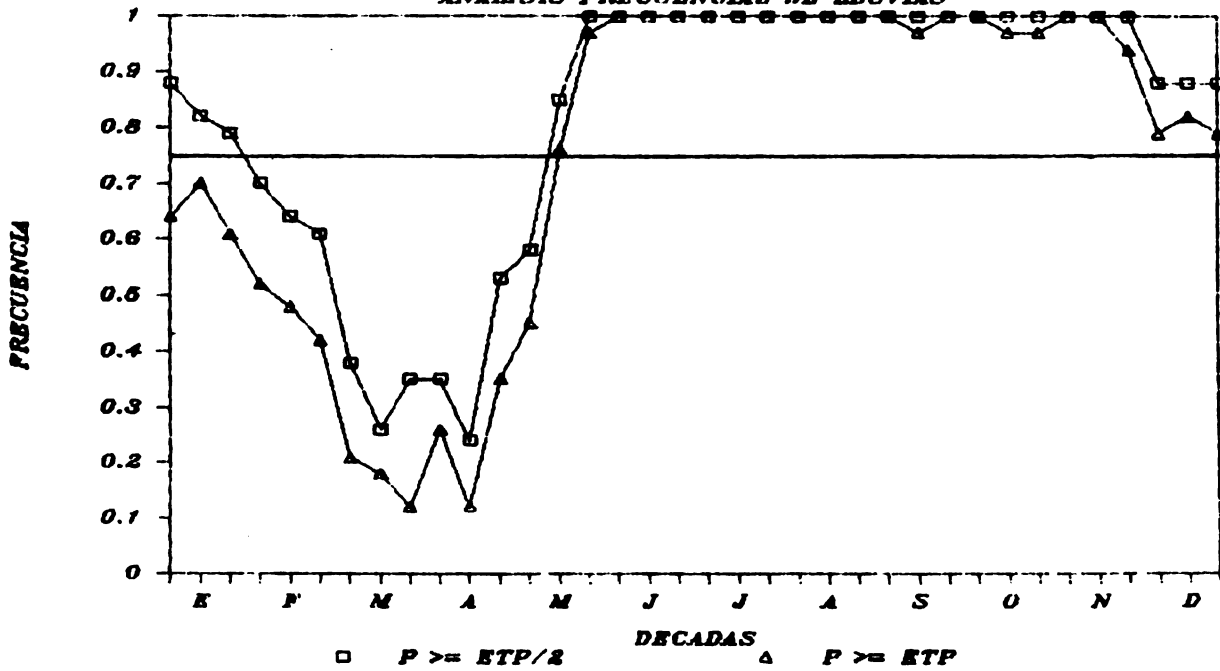


DAIOS DE INSOLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CIUDAD QUESADA
 CCOIGO 69510 LAT 10 20 LONG 84 26 ALT 650
 NUMERO DE AÑOS ANALIZADOS 35

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | AB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 8.75 | 23.07 | 21.63 | 4.76 | 31.53 | 0.88 | 0.70 | 0.61 | 301.37 | 33 |
| 2 | 8.65 | 22.94 | 21.49 | 4.45 | 32.91 | 0.79 | 0.52 | 0.46 | 315.41 | 33 |
| 3 | 8.81 | 23.07 | 21.60 | 4.99 | 35.54 | 0.70 | 0.42 | 0.42 | 340.24 | 33 |
| 4 | 8.48 | 22.50 | 21.72 | 5.58 | 38.55 | 0.64 | 0.42 | 0.27 | 367.24 | 33 |
| 5 | 8.33 | 22.34 | 21.91 | 5.53 | 45.82 | 0.61 | 0.21 | 0.25 | 415.24 | 33 |
| 6 | 8.35 | 22.40 | 22.00 | 6.23 | 45.10 | 0.68 | 0.18 | 0.13 | 424.24 | 33 |
| 7 | 8.25 | 22.44 | 22.03 | 7.34 | 44.84 | 0.55 | 0.26 | 0.15 | 448.24 | 33 |
| 8 | 8.61 | 22.60 | 22.15 | 7.39 | 48.72 | 0.35 | 0.12 | 0.09 | 455.24 | 33 |
| 9 | 8.81 | 22.44 | 22.15 | 7.33 | 48.72 | 0.35 | 0.12 | 0.09 | 455.24 | 33 |
| 10 | 8.57 | 22.44 | 22.15 | 6.76 | 45.81 | 0.58 | 0.00 | 0.00 | 428.24 | 33 |
| 11 | 8.51 | 22.44 | 22.15 | 5.31 | 42.71 | 0.85 | 0.00 | 0.00 | 435.24 | 33 |
| 12 | 8.62 | 22.44 | 22.15 | 4.20 | 36.00 | 1.00 | 0.00 | 0.00 | 455.24 | 33 |
| 13 | 8.51 | 22.44 | 22.15 | 4.23 | 36.27 | 1.00 | 0.00 | 0.00 | 435.24 | 33 |
| 14 | 8.59 | 22.44 | 22.15 | 4.38 | 36.16 | 1.00 | 0.00 | 0.00 | 428.24 | 33 |
| 15 | 8.59 | 22.44 | 22.15 | 4.33 | 36.39 | 1.00 | 0.00 | 0.00 | 435.24 | 33 |
| 16 | 8.57 | 22.44 | 22.15 | 4.39 | 36.25 | 1.00 | 0.00 | 0.00 | 435.24 | 33 |
| 17 | 8.56 | 22.44 | 22.15 | 4.24 | 36.88 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 18 | 8.56 | 22.44 | 22.15 | 4.40 | 37.13 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 19 | 8.52 | 22.44 | 22.15 | 4.34 | 36.81 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 20 | 8.52 | 22.44 | 22.15 | 4.36 | 37.07 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 21 | 8.52 | 22.44 | 22.15 | 4.36 | 36.70 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 22 | 8.52 | 22.44 | 22.15 | 4.25 | 35.26 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 23 | 8.52 | 22.44 | 22.15 | 4.53 | 35.48 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 24 | 8.51 | 22.44 | 22.15 | 4.46 | 34.42 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 25 | 8.45 | 22.44 | 22.15 | 4.70 | 32.51 | 1.00 | 0.00 | 0.00 | 447.24 | 33 |
| 26 | 8.47 | 22.44 | 22.15 | 5.00 | 32.65 | 0.88 | 0.00 | 0.00 | 447.24 | 33 |
| 27 | 8.47 | 22.44 | 22.15 | 4.47 | 31.02 | 0.88 | 0.00 | 0.00 | 447.24 | 33 |
| 28 | 8.50 | 22.44 | 22.15 | 4.22 | 30.67 | 0.87 | 0.00 | 0.00 | 447.24 | 33 |
| 29 | 8.53 | 22.44 | 22.15 | 4.22 | 31.24 | 0.88 | 0.00 | 0.00 | 447.24 | 33 |
| 30 | 8.53 | 22.44 | 22.15 | 4.22 | 31.02 | 0.87 | 0.00 | 0.00 | 447.24 | 33 |

ESTACION CIUDAD QUESADA

ANALISIS FRECUENCIAL DE LLUVIAS

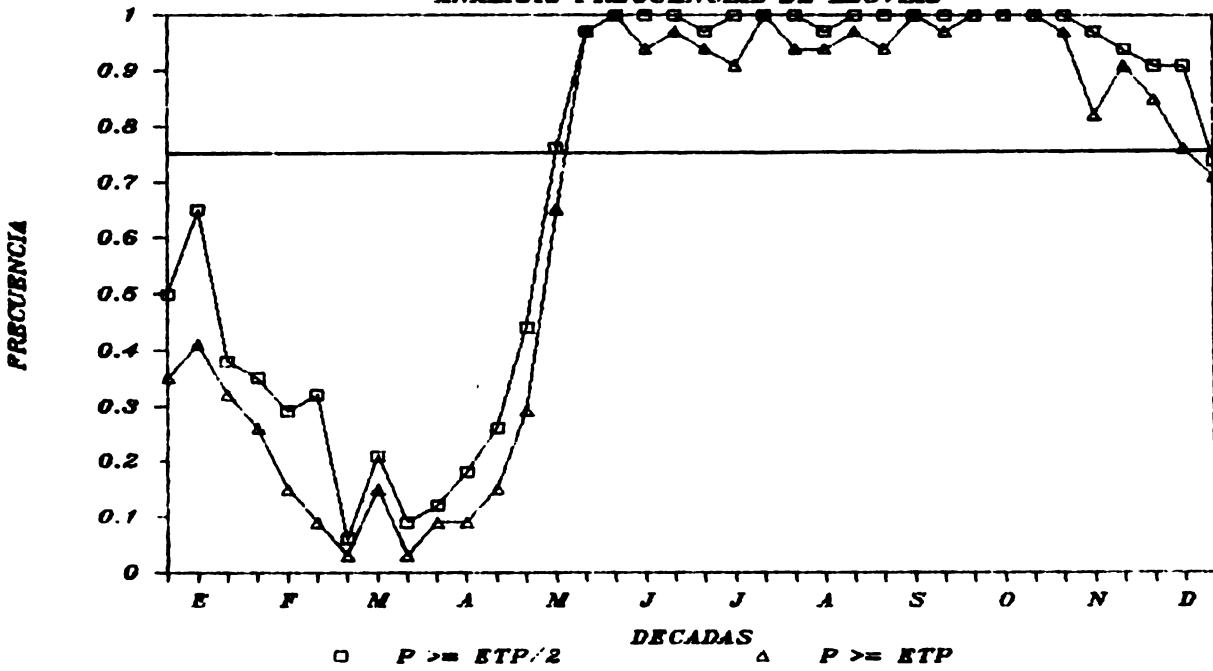


DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2 ETP, PARA LA ESTACION LOS ENSAYOS, B.V.

CODIGO 65511 LAT 10 17 LCNG 84 28 ALT 1090
 NUMERO DE AÑOS ANALIZADOS 34

| LECADA | AMPLITUD | T. DIURNA | T. NOCTURNA | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-------------|-------|------|------|------|---------|----|
| 1 | 7.95 | 19.43 | 6.35 | 36.36 | 0.50 | 0.35 | 0.11 | 35.65 | 34 |
| 2 | 8.11 | 19.27 | 6.39 | 37.01 | 0.55 | 0.41 | 0.12 | 35.65 | 34 |
| 3 | 8.42 | 19.32 | 6.52 | 38.95 | 0.38 | 0.32 | 0.15 | 3679.22 | 34 |
| 4 | 8.65 | 19.47 | 7.40 | 42.25 | 0.35 | 0.26 | 0.15 | 405.67 | 34 |
| 5 | 8.76 | 19.54 | 7.50 | 44.60 | 0.32 | 0.15 | 0.09 | 426.71 | 34 |
| 6 | 9.10 | 19.97 | 8.11 | 47.82 | 0.06 | 0.03 | 0.03 | 468.18 | 34 |
| 7 | 9.22 | 20.24 | 7.59 | 49.77 | 0.21 | 0.15 | 0.06 | 457.23 | 34 |
| 8 | 9.62 | 20.51 | 8.06 | 49.70 | 0.09 | 0.03 | 0.00 | 453.51 | 34 |
| 9 | 9.87 | 20.89 | 7.31 | 48.09 | 0.12 | 0.09 | 0.03 | 457.12 | 34 |
| 10 | 9.85 | 20.85 | 7.68 | 47.22 | 0.16 | 0.15 | 0.03 | 465.11 | 34 |
| 11 | 9.57 | 21.02 | 6.61 | 44.01 | 0.44 | 0.25 | 0.10 | 427.01 | 34 |
| 12 | 9.55 | 21.16 | 4.96 | 38.07 | 0.76 | 0.57 | 0.30 | 347.01 | 34 |
| 13 | 9.53 | 21.37 | 4.25 | 35.33 | 0.97 | 0.67 | 0.50 | 347.01 | 34 |
| 14 | 9.53 | 21.37 | 4.19 | 34.85 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 15 | 9.67 | 21.05 | 4.19 | 34.71 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 16 | 7.34 | 20.82 | 4.21 | 34.53 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 17 | 7.34 | 20.67 | 4.52 | 35.62 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 18 | 7.34 | 20.67 | 4.40 | 35.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 19 | 7.34 | 20.67 | 4.47 | 35.91 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 20 | 7.34 | 20.67 | 4.65 | 36.81 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 21 | 7.34 | 20.67 | 4.19 | 35.47 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 22 | 7.34 | 20.67 | 4.37 | 35.47 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 23 | 7.34 | 20.67 | 4.28 | 35.56 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 24 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 25 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 26 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 27 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 28 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 29 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 30 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 31 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 32 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 33 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 34 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 35 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 36 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 37 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 38 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 39 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 40 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 41 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 42 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 43 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 44 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 45 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 46 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 47 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 48 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 49 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 50 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 51 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 52 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 53 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 54 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 55 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 56 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 57 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 58 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 59 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 60 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 61 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 62 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 63 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 64 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 65 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 66 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 67 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 68 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 69 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 70 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 71 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 72 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 73 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 74 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 75 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 76 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 77 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 78 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 79 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 80 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 81 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 82 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 83 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 84 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 85 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 86 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 87 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 88 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 89 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 90 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 91 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 92 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 93 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 94 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 95 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 96 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 97 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 98 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 99 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |
| 100 | 7.34 | 20.67 | 4.19 | 34.49 | 1.00 | 0.57 | 0.55 | 347.01 | 34 |

ESTACION LOS ENSAYOS, B.V. ANALISIS FRECUENCIAL DE LLUVIAS

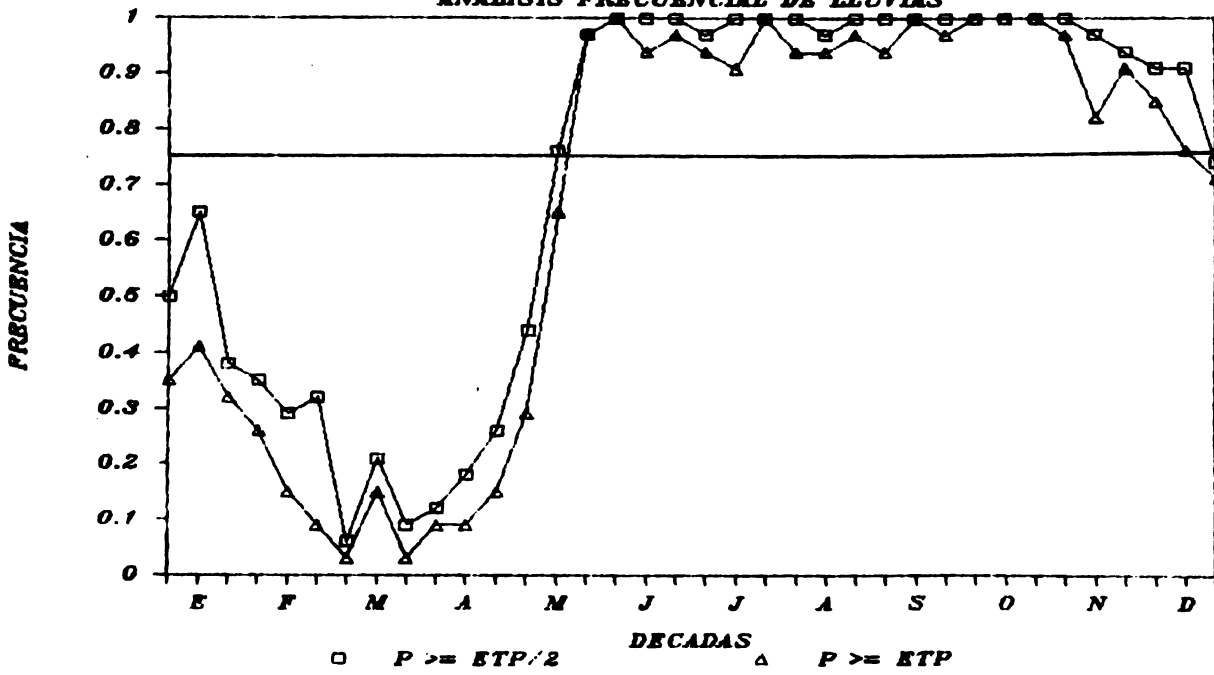


DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LOS ENSAYOS, B.V.

CODIGO 65511 LAT 10 17 LONG 84 28 ALT 1090
 NUMERO DE AÑOS ANALIZADOS 34

| LECADA | AMPLITUD | T. DIURNA | INSO | ETP | PI | P2 | P3 | GC | AB |
|--------|----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 7.95 | 19.43 | 6.35 | 36.36 | 0.50 | 0.35 | 1.1 | 35.65 | 34 |
| 2 | 8.11 | 19.27 | 6.39 | 37.01 | 0.55 | 0.41 | 0.12 | 37.65 | 34 |
| 3 | 8.45 | 19.32 | 6.52 | 38.31 | 0.38 | 0.32 | 0.15 | 37.65 | 34 |
| 4 | 8.62 | 19.47 | 7.06 | 40.95 | 0.35 | 0.26 | 0.09 | 40.65 | 34 |
| 5 | 8.76 | 19.54 | 7.40 | 42.25 | 0.29 | 0.15 | 0.03 | 42.65 | 34 |
| 6 | 8.10 | 19.97 | 7.50 | 43.60 | 0.32 | 0.09 | 0.06 | 43.65 | 34 |
| 7 | 8.64 | 20.24 | 7.59 | 44.82 | 0.06 | 0.06 | 0.09 | 44.65 | 34 |
| 8 | 8.62 | 20.51 | 7.06 | 46.17 | 0.19 | 0.15 | 0.09 | 46.65 | 34 |
| 9 | 8.62 | 20.55 | 7.31 | 46.70 | 0.12 | 0.09 | 0.03 | 46.65 | 34 |
| 10 | 8.57 | 20.80 | 7.68 | 47.09 | 0.18 | 0.09 | 0.03 | 47.65 | 34 |
| 11 | 8.55 | 20.79 | 7.49 | 47.22 | 0.24 | 0.15 | 0.03 | 47.65 | 34 |
| 12 | 8.98 | 21.02 | 6.61 | 44.07 | 0.44 | 0.25 | 0.15 | 44.65 | 34 |
| 13 | 8.57 | 21.16 | 4.96 | 35.07 | 0.97 | 0.65 | 0.50 | 42.65 | 34 |
| 14 | 8.43 | 21.07 | 4.25 | 35.33 | 1.00 | 0.57 | 0.55 | 41.65 | 34 |
| 15 | 8.16 | 21.01 | 4.19 | 34.85 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 16 | 8.17 | 21.05 | 4.21 | 34.77 | 1.00 | 0.57 | 0.55 | 41.65 | 34 |
| 17 | 7.47 | 20.84 | 4.52 | 34.53 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 18 | 7.34 | 20.82 | 4.43 | 35.33 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 19 | 7.34 | 20.67 | 4.40 | 35.62 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 20 | 7.59 | 20.67 | 4.65 | 35.49 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 21 | 7.37 | 20.55 | 4.19 | 35.81 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 22 | 7.37 | 20.69 | 4.28 | 35.97 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 23 | 7.55 | 20.57 | 4.19 | 35.56 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 24 | 7.05 | 20.60 | 4.28 | 34.49 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 25 | 7.05 | 20.56 | 4.19 | 34.89 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 26 | 7.80 | 20.51 | 4.20 | 33.07 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 27 | 7.80 | 20.43 | 4.19 | 33.45 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 28 | 7.15 | 20.36 | 4.28 | 32.55 | 1.00 | 0.54 | 0.55 | 41.65 | 34 |
| 29 | 7.91 | 19.86 | 4.19 | 31.73 | 0.97 | 0.54 | 0.55 | 41.65 | 34 |
| 30 | 7.49 | 19.19 | 4.19 | 30.29 | 0.94 | 0.54 | 0.55 | 41.65 | 34 |
| 31 | 7.43 | 19.48 | 4.23 | 29.99 | 0.91 | 0.54 | 0.55 | 41.65 | 34 |
| 32 | 7.68 | 19.48 | 4.37 | 29.99 | 0.74 | 0.54 | 0.55 | 41.65 | 34 |
| 33 | 7.67 | 19.24 | 4.26 | 30.57 | 0.61 | 0.54 | 0.55 | 41.65 | 34 |
| 34 | 7.67 | 19.24 | 6.26 | 35.77 | 0.61 | 0.54 | 0.55 | 41.65 | 34 |

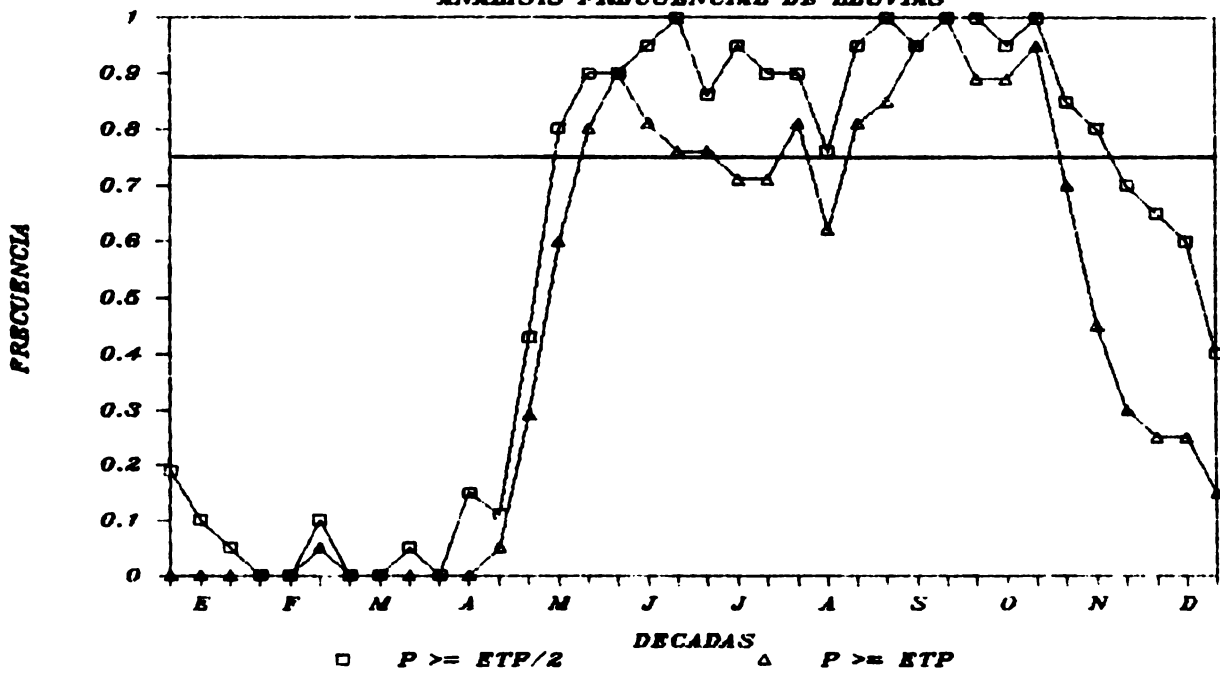
ESTACION LOS ENSAYOS, B.V. ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLINACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION ZARCERO
 COWIGO 65512 LAT 10 11 LCPG 84 24 ALT 1736
 NUMERO DE AÑOS ANALIZADOS 22

| DECAJA | AMPLITUD | I. DIURNA | I. NOCTURNA | ETP | PI | P2 | P3 | GC | NE |
|--------|----------|-----------|-------------|-------|------|----|-----|--------|-------|
| 1 | 7.01 | 17.35 | 16.17 | 39.99 | 0.19 | C | 0.0 | 415.47 | 21000 |
| 2 | 7.18 | 17.01 | 15.87 | 40.60 | 0.19 | C | 0.0 | 423.62 | 22000 |
| 3 | 7.54 | 17.12 | 15.52 | 41.71 | 0.05 | C | 0.0 | 434.47 | 23000 |
| 4 | 7.60 | 17.44 | 15.93 | 42.17 | 0.0 | C | 0.0 | 445.47 | 24000 |
| 5 | 7.57 | 17.02 | 16.17 | 44.90 | 0.10 | C | 0.0 | 463.53 | 25000 |
| 6 | 8.05 | 18.01 | 16.68 | 46.87 | 0.0 | C | 0.0 | 482.20 | 26000 |
| 7 | 8.05 | 18.01 | 16.77 | 46.81 | 0.0 | C | 0.0 | 491.35 | 27000 |
| 8 | 8.36 | 18.54 | 17.11 | 47.59 | 0.05 | C | 0.0 | 495.54 | 28000 |
| 9 | 8.36 | 18.54 | 17.09 | 48.19 | 0.15 | C | 0.0 | 485.54 | 29000 |
| 10 | 7.90 | 18.60 | 17.35 | 47.60 | 0.13 | C | 0.0 | 477.71 | 30000 |
| 11 | 7.72 | 18.50 | 17.29 | 46.81 | 0.0 | C | 0.0 | 452.54 | 31000 |
| 12 | 7.62 | 18.50 | 17.63 | 41.90 | 0.0 | C | 0.0 | 428.47 | 32000 |
| 13 | 7.64 | 18.54 | 17.87 | 37.79 | 0.80 | C | 0.0 | 355.54 | 33000 |
| 14 | 6.98 | 18.70 | 17.60 | 35.25 | 0.90 | C | 0.0 | 359.00 | 34000 |
| 15 | 6.24 | 18.77 | 17.44 | 35.08 | 0.95 | C | 0.0 | 351.54 | 35000 |
| 16 | 6.12 | 18.41 | 17.44 | 35.74 | 1.00 | C | 0.0 | 355.54 | 36000 |
| 17 | 6.30 | 18.77 | 17.70 | 35.04 | 0.95 | C | 0.0 | 359.00 | 37000 |
| 18 | 6.30 | 18.77 | 17.44 | 36.07 | 0.95 | C | 0.0 | 355.54 | 38000 |
| 19 | 6.14 | 18.31 | 17.32 | 37.27 | 0.90 | C | 0.0 | 375.54 | 39000 |
| 20 | 6.11 | 18.16 | 17.11 | 36.92 | 0.76 | C | 0.0 | 375.54 | 40000 |
| 21 | 6.11 | 18.42 | 17.33 | 35.01 | 0.95 | C | 0.0 | 355.54 | 41000 |
| 22 | 6.11 | 18.42 | 17.15 | 34.98 | 1.00 | C | 0.0 | 345.54 | 42000 |
| 23 | 6.11 | 18.42 | 17.15 | 33.64 | 1.00 | C | 0.0 | 345.54 | 43000 |
| 24 | 6.11 | 18.42 | 17.15 | 33.20 | 1.00 | C | 0.0 | 345.54 | 44000 |
| 25 | 6.11 | 18.42 | 17.15 | 32.20 | 1.00 | C | 0.0 | 345.54 | 45000 |
| 26 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 46000 |
| 27 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 47000 |
| 28 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 48000 |
| 29 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 49000 |
| 30 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 50000 |
| 31 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 51000 |
| 32 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 52000 |
| 33 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 53000 |
| 34 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 54000 |
| 35 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 55000 |
| 36 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 56000 |
| 37 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 57000 |
| 38 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 58000 |
| 39 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 59000 |
| 40 | 6.11 | 18.42 | 17.15 | 32.07 | 1.00 | C | 0.0 | 345.54 | 60000 |

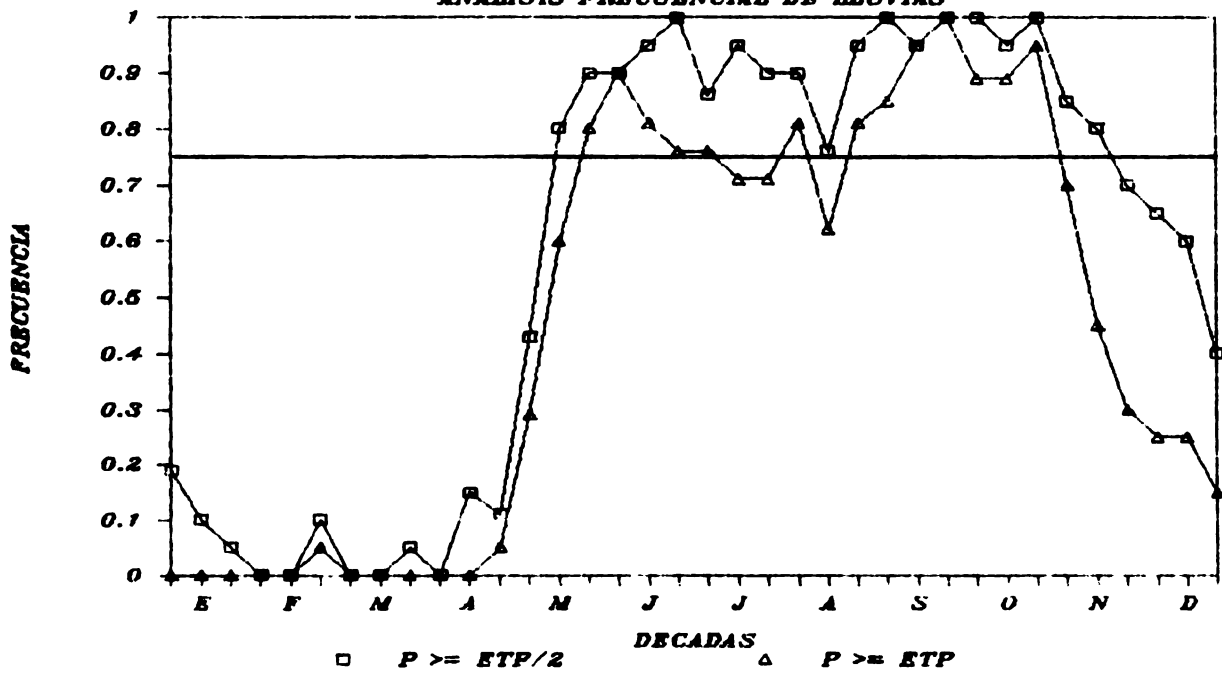
ESTACION ZARCERO ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION ZARCERO
 CODIGO 65512 LAT 10 11 LCG 84 24 ALT 1736
 NUMERO DE AÑOS ANALIZADOS 22

| DECADA | AMPLITUD | T. DIURNA | T. DIURNA | INSO | ETP | P1 | P2 | P3 | GC | NR |
|--------|----------|-----------|-----------|------|-------|------|----|----|--------|----|
| 1 | 7.01 | 17.35 | 16.19 | 8.21 | 39.99 | 0.19 | C | C | 415.47 | 1 |
| 2 | 7.17 | 17.07 | 15.52 | 8.29 | 40.60 | 0.10 | C | C | 423.47 | 2 |
| 3 | 6.84 | 17.12 | 15.93 | 8.43 | 41.71 | 0.05 | C | C | 445.47 | 3 |
| 4 | 7.60 | 17.45 | 16.17 | 8.53 | 43.11 | 0.00 | C | C | 463.47 | 4 |
| 5 | 7.57 | 17.45 | 16.68 | 8.51 | 44.67 | 0.10 | C | C | 466.47 | 5 |
| 6 | 8.05 | 17.32 | 16.77 | 8.60 | 44.87 | 0.00 | C | C | 482.47 | 6 |
| 7 | 8.05 | 18.02 | 17.11 | 8.32 | 47.81 | 0.05 | C | C | 485.47 | 7 |
| 8 | 8.20 | 18.14 | 17.09 | 8.47 | 47.59 | 0.00 | C | C | 485.47 | 8 |
| 9 | 7.71 | 18.50 | 17.35 | 8.27 | 48.19 | 0.15 | C | C | 485.47 | 9 |
| 10 | 7.62 | 18.60 | 17.29 | 8.11 | 47.60 | 0.11 | C | C | 477.47 | 10 |
| 11 | 7.62 | 18.50 | 17.23 | 8.22 | 46.82 | 0.43 | C | C | 474.47 | 11 |
| 12 | 7.04 | 18.50 | 17.87 | 6.50 | 47.90 | 0.80 | C | C | 424.47 | 12 |
| 13 | 6.64 | 18.84 | 17.67 | 4.64 | 37.79 | 0.90 | C | C | 353.47 | 13 |
| 14 | 6.44 | 18.70 | 17.60 | 4.88 | 35.25 | 0.95 | C | C | 353.47 | 14 |
| 15 | 6.42 | 18.41 | 17.44 | 5.26 | 35.08 | 1.00 | C | C | 361.47 | 15 |
| 16 | 5.98 | 18.36 | 17.22 | 5.36 | 36.74 | 0.95 | C | C | 369.47 | 16 |
| 17 | 6.14 | 18.42 | 17.32 | 5.26 | 37.92 | 0.90 | C | C | 371.47 | 17 |
| 18 | 6.67 | 18.42 | 17.33 | 5.66 | 36.04 | 0.76 | C | C | 369.47 | 18 |
| 19 | 6.66 | 18.42 | 17.15 | 5.80 | 37.25 | 0.71 | C | C | 375.47 | 19 |
| 20 | 6.67 | 18.42 | 17.09 | 4.80 | 35.65 | 0.82 | C | C | 375.47 | 20 |
| 21 | 6.50 | 18.23 | 17.15 | 4.35 | 34.98 | 0.95 | C | C | 375.47 | 21 |
| 22 | 6.19 | 18.11 | 17.03 | 4.33 | 34.64 | 1.00 | C | C | 375.47 | 22 |
| 23 | 6.65 | 18.25 | 17.18 | 4.60 | 34.02 | 0.95 | C | C | 345.47 | 23 |
| 24 | 6.53 | 18.50 | 17.18 | 4.45 | 34.20 | 1.00 | C | C | 345.47 | 24 |
| 25 | 5.53 | 17.59 | 16.46 | 5.37 | 36.22 | 0.80 | C | C | 331.47 | 25 |
| 26 | 5.53 | 17.56 | 16.71 | 7.02 | 37.68 | 0.70 | C | C | 347.47 | 26 |
| 27 | 6.18 | 17.27 | 16.24 | 7.27 | 37.44 | 0.65 | C | C | 347.47 | 27 |
| 28 | 6.80 | 17.05 | 15.51 | 7.53 | 36.41 | 0.40 | C | C | 335.47 | 28 |
| 29 | 6.80 | 17.05 | 15.51 | 8.15 | 39.41 | 0.22 | C | C | 341.47 | 29 |

ESTACION ZARCERO ANALISIS FRECUENCIAL DE LLUVIAS



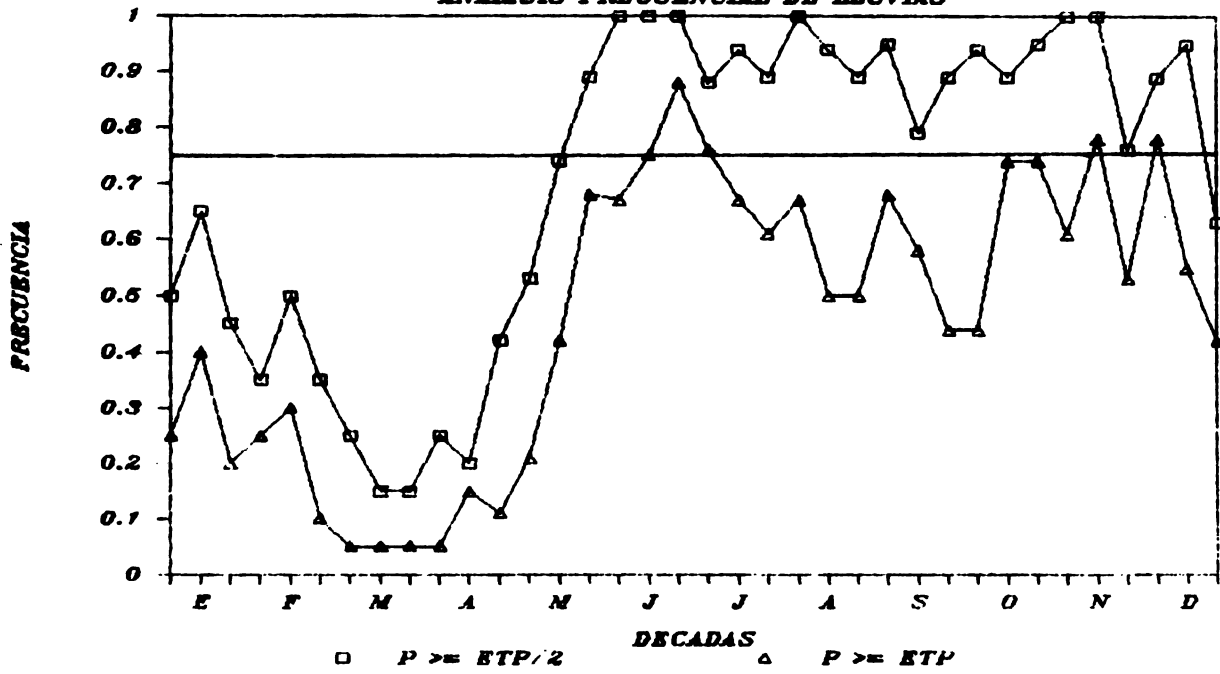
DA TOS DE INCLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PRECIPITACION DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION LCS LLANOS

CCDIGC 65513 LAT 10 28 LONG 84 21 ALT 100
 NUMERO DE AÑOS ANALIZADOS 20

| CEACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NR |
|-------|----------|-----------|-----------|------|-------|------|------|------|-------|-----|
| 1 | 9.44 | 25.56 | 24.33 | 6.28 | 38.55 | 0.50 | 0.20 | 0.21 | 37.07 | 200 |
| 2 | 9.40 | 26.03 | 24.44 | 7.09 | 41.00 | 0.65 | 0.20 | 0.21 | 37.07 | 200 |
| 3 | 9.81 | 26.03 | 24.44 | 7.13 | 44.28 | 0.35 | 0.25 | 0.25 | 37.07 | 200 |
| 4 | 10.34 | 26.23 | 24.52 | 7.70 | 43.97 | 0.50 | 0.30 | 0.30 | 37.07 | 200 |
| 5 | 10.34 | 26.23 | 24.52 | 7.30 | 47.36 | 0.35 | 0.05 | 0.05 | 37.07 | 200 |
| 6 | 10.34 | 26.23 | 24.52 | 7.68 | 47.36 | 0.35 | 0.05 | 0.05 | 37.07 | 200 |
| 7 | 10.34 | 26.23 | 24.52 | 7.76 | 51.19 | 0.15 | 0.05 | 0.05 | 37.07 | 200 |
| 8 | 10.34 | 26.23 | 24.52 | 7.74 | 51.19 | 0.15 | 0.05 | 0.05 | 37.07 | 200 |
| 9 | 10.34 | 26.23 | 24.52 | 7.54 | 51.19 | 0.20 | 0.05 | 0.05 | 37.07 | 200 |
| 10 | 10.34 | 26.23 | 24.52 | 7.33 | 50.58 | 0.42 | 0.11 | 0.11 | 37.07 | 200 |
| 11 | 10.34 | 26.23 | 24.52 | 7.14 | 49.67 | 0.42 | 0.11 | 0.11 | 37.07 | 200 |
| 12 | 10.34 | 26.23 | 24.52 | 6.91 | 48.53 | 0.74 | 0.22 | 0.22 | 37.07 | 200 |
| 13 | 10.34 | 26.23 | 24.52 | 5.81 | 44.16 | 0.89 | 0.48 | 0.48 | 37.07 | 200 |
| 14 | 10.34 | 26.23 | 24.52 | 5.83 | 43.85 | 0.89 | 0.48 | 0.48 | 37.07 | 200 |
| 15 | 10.34 | 26.23 | 24.52 | 5.67 | 42.93 | 1.00 | 0.67 | 0.67 | 37.07 | 200 |
| 16 | 10.34 | 26.23 | 24.52 | 5.21 | 41.00 | 1.00 | 0.75 | 0.75 | 37.07 | 200 |
| 17 | 10.34 | 26.23 | 24.52 | 4.97 | 40.00 | 1.00 | 0.81 | 0.81 | 37.07 | 200 |
| 18 | 10.34 | 26.23 | 24.52 | 4.78 | 39.37 | 1.00 | 0.88 | 0.88 | 37.07 | 200 |
| 19 | 10.34 | 26.23 | 24.52 | 5.30 | 41.19 | 0.94 | 0.67 | 0.67 | 37.07 | 200 |
| 20 | 10.34 | 26.23 | 24.52 | 4.34 | 40.16 | 0.89 | 0.67 | 0.67 | 37.07 | 200 |
| 21 | 10.34 | 26.23 | 24.52 | 5.20 | 41.39 | 1.00 | 0.67 | 0.67 | 37.07 | 200 |
| 22 | 10.34 | 26.23 | 24.52 | 5.56 | 42.75 | 1.00 | 0.67 | 0.67 | 37.07 | 200 |
| 23 | 10.34 | 26.23 | 24.52 | 5.47 | 42.75 | 0.95 | 0.67 | 0.67 | 37.07 | 200 |
| 24 | 10.34 | 26.23 | 24.52 | 5.77 | 41.33 | 0.89 | 0.67 | 0.67 | 37.07 | 200 |
| 25 | 10.34 | 26.23 | 24.52 | 5.20 | 41.33 | 0.89 | 0.67 | 0.67 | 37.07 | 200 |
| 26 | 10.34 | 26.23 | 24.52 | 5.84 | 43.66 | 0.94 | 0.67 | 0.67 | 37.07 | 200 |
| 27 | 10.34 | 26.23 | 24.52 | 5.20 | 40.29 | 0.89 | 0.67 | 0.67 | 37.07 | 200 |
| 28 | 10.34 | 26.23 | 24.52 | 5.30 | 39.02 | 1.00 | 0.67 | 0.67 | 37.07 | 200 |
| 29 | 10.34 | 26.23 | 24.52 | 5.43 | 39.02 | 1.00 | 0.67 | 0.67 | 37.07 | 200 |
| 30 | 10.34 | 26.23 | 24.52 | 5.57 | 37.81 | 0.76 | 0.67 | 0.67 | 37.07 | 200 |
| 31 | 10.34 | 26.23 | 24.52 | 5.68 | 36.52 | 0.95 | 0.67 | 0.67 | 37.07 | 200 |
| 32 | 10.34 | 26.23 | 24.52 | 5.69 | 36.52 | 0.95 | 0.67 | 0.67 | 37.07 | 200 |
| 33 | 10.34 | 26.23 | 24.52 | 6.08 | 37.61 | 0.63 | 0.67 | 0.67 | 37.07 | 200 |
| 34 | 10.34 | 26.23 | 24.52 | 7.17 | 41.32 | 0.00 | 0.67 | 0.67 | 37.07 | 200 |

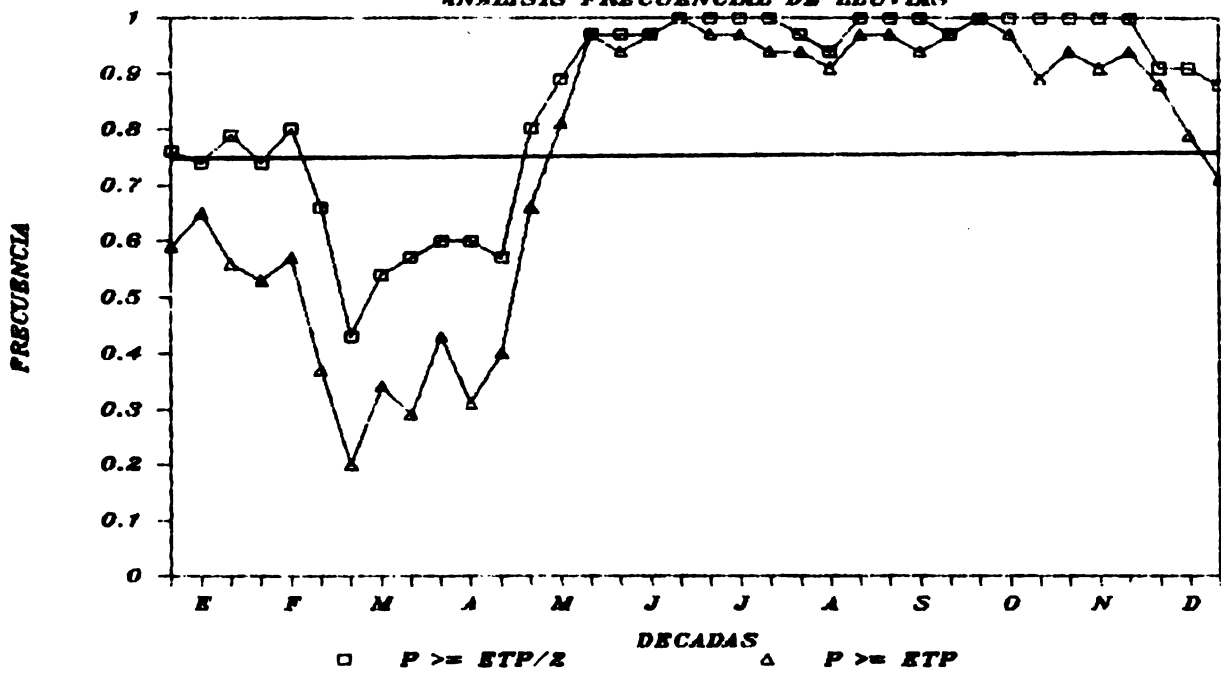
ESTACION LOS LLANOS ANALISIS FRECUENCIAL DE LLUVIAS



CATOS DE INSLACION, TEMPERATURAS CIURNA Y CIARIA, AMPLITUD Y
 LA PREABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LA MARINA, S.CARLOS
 CCDIGO 65530 LAT 10 22 LCNG 84 23 ALT 380
 NUMERO DE ANCS ANALIZADOS 36

| UECACA | AMPL | ITLD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|-------|-------|-----------|-----------|-------|------|------|------|--------|----|----|
| 1 | 8.55 | 24.49 | 22.99 | 4.87 | 33.55 | 0.76 | 0.59 | 0.41 | 315.13 | 34 | |
| 2 | 9.14 | 24.41 | 22.88 | 5.03 | 34.62 | 0.79 | 0.55 | 0.41 | 322.22 | 33 | |
| 3 | 9.30 | 24.41 | 22.59 | 5.20 | 35.93 | 0.74 | 0.56 | 0.41 | 322.22 | 33 | |
| 4 | 9.88 | 24.41 | 22.59 | 5.61 | 36.40 | 0.80 | 0.57 | 0.41 | 334.68 | 33 | |
| 5 | 9.88 | 24.41 | 22.33 | 5.61 | 39.15 | 0.66 | 0.57 | 0.41 | 374.02 | 35 | |
| 6 | 10.25 | 25.81 | 22.33 | 6.39 | 45.13 | 0.43 | 0.59 | 0.41 | 416.49 | 35 | |
| 7 | 10.74 | 26.13 | 22.44 | 6.67 | 45.56 | 0.57 | 0.59 | 0.41 | 426.49 | 35 | |
| 8 | 10.59 | 26.30 | 22.44 | 6.39 | 45.97 | 0.60 | 0.59 | 0.41 | 426.49 | 35 | |
| 9 | 10.45 | 26.43 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 10 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 11 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 12 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 13 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 14 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 15 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 16 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 17 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 18 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 19 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 20 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 21 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 22 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 23 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 24 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 25 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 26 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 27 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 28 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 29 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 30 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 31 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 32 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 33 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 34 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 35 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 36 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |
| 37 | 10.33 | 26.56 | 22.44 | 6.19 | 45.18 | 0.57 | 0.59 | 0.41 | 413.85 | 35 | |

ESTACION LA MARINA ANALISIS FRECUENCIAL DE LLUVIAS

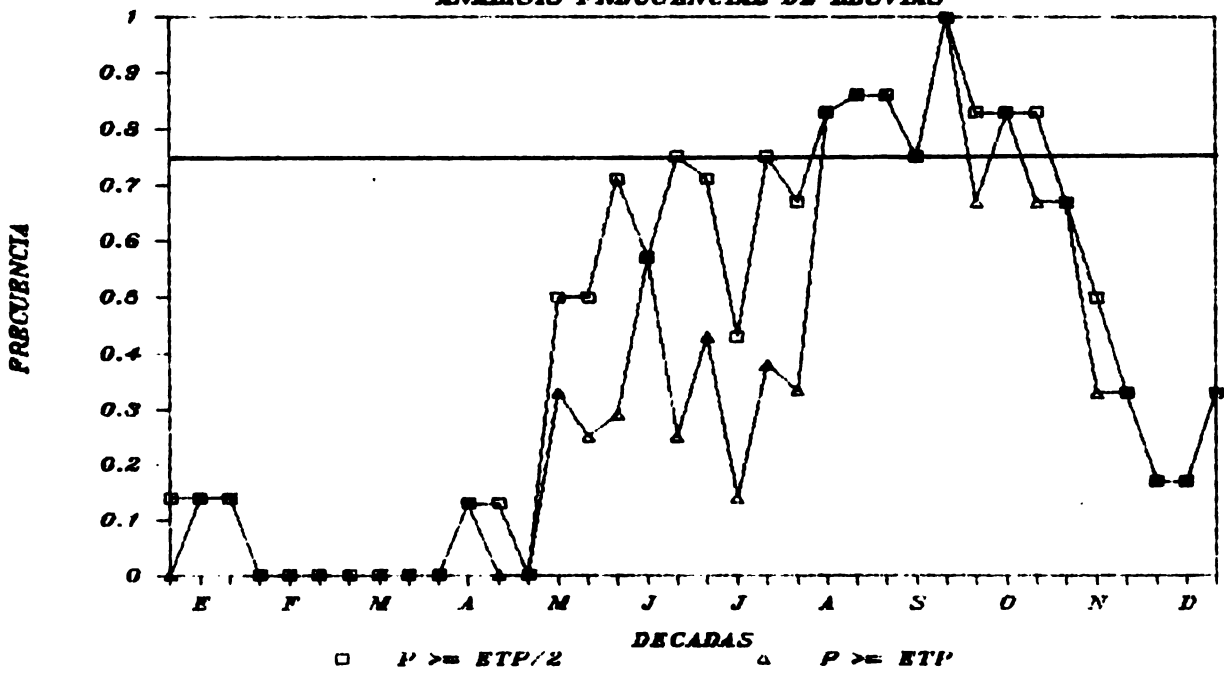


DAIOS DE INSLCLACION, TEMPERATURAS CIURNA Y CIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION HDA DROSI

CCDIGO 69531 LAT 10 57 LCG 85 33 ALT 350
 NUMERO DE AÑOS ANALIZADOS 9

| DECAEA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|-----|-----|--------|----|
| 1 | 5.04 | 24.65 | 23.14 | 8.43 | 44.60 | 0.14 | 0.0 | 0.0 | 418.10 | 7 |
| 2 | 9.18 | 24.57 | 23.10 | 8.18 | 44.52 | 0.14 | 0.0 | 0.0 | 417.82 | 7 |
| 3 | 9.36 | 24.66 | 23.15 | 8.54 | 43.51 | 0.0 | 0.0 | 0.0 | 407.73 | 7 |
| 4 | 9.53 | 24.71 | 23.22 | 8.33 | 48.32 | 0.0 | 0.0 | 0.0 | 452.57 | 7 |
| 5 | 10.13 | 25.45 | 23.73 | 8.63 | 51.01 | 0.0 | 0.0 | 0.0 | 454.54 | 7 |
| 6 | 10.20 | 25.45 | 24.22 | 8.50 | 51.70 | 0.0 | 0.0 | 0.0 | 479.44 | 7 |
| 7 | 10.79 | 26.25 | 24.42 | 8.64 | 53.55 | 0.0 | 0.0 | 0.0 | 491.21 | 9 |
| 8 | 10.66 | 26.53 | 24.51 | 8.64 | 54.02 | 0.0 | 0.0 | 0.0 | 498.95 | 9 |
| 9 | 10.66 | 26.53 | 24.10 | 8.47 | 52.50 | 0.13 | 0.0 | 0.0 | 479.03 | 9 |
| 10 | 10.64 | 26.57 | 24.80 | 8.40 | 53.49 | 0.0 | 0.0 | 0.0 | 488.03 | 8 |
| 11 | 10.32 | 26.66 | 24.91 | 8.47 | 53.37 | 0.0 | 0.0 | 0.0 | 487.25 | 8 |
| 12 | 10.32 | 26.66 | 25.01 | 6.15 | 44.65 | 0.0 | 0.0 | 0.0 | 407.25 | 6 |
| 13 | 10.10 | 26.73 | 24.97 | 6.23 | 44.57 | 0.0 | 0.0 | 0.0 | 407.25 | 6 |
| 14 | 10.90 | 26.56 | 24.91 | 6.33 | 44.57 | 0.0 | 0.0 | 0.0 | 407.25 | 6 |
| 15 | 10.90 | 26.56 | 24.50 | 5.90 | 40.57 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 16 | 5.01 | 26.49 | 24.74 | 5.90 | 42.67 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 17 | 5.01 | 26.49 | 24.74 | 5.90 | 42.67 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 18 | 5.18 | 26.22 | 24.51 | 5.75 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 19 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 20 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 21 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 22 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 23 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 24 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 25 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 26 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 27 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 28 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 29 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 30 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 31 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 32 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 33 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 34 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 35 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 36 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |
| 37 | 5.62 | 26.22 | 24.51 | 5.60 | 42.12 | 0.0 | 0.0 | 0.0 | 381.63 | 6 |

ESTACION HACIENDA OROSI ANALISIS FRECUENCIAL DE LLUVIAS

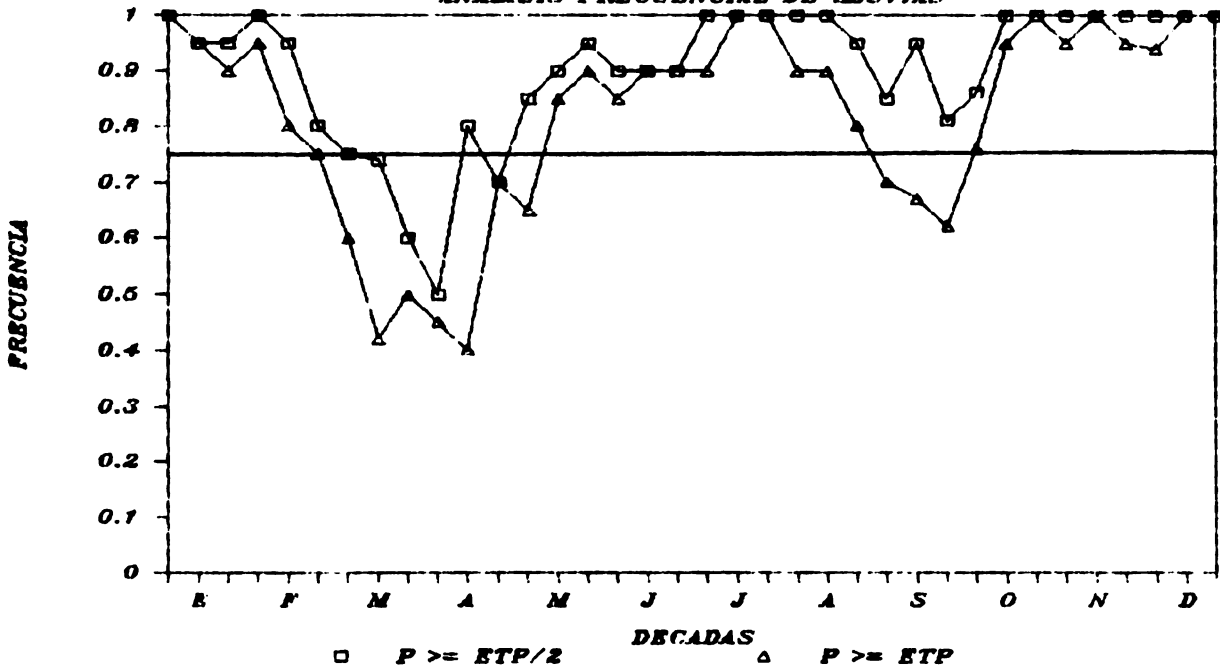


DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A EIP/2
 EIP, Y Z*ETP, PARA LA ESTACION BARRA COLORADO

CODIGO 65533 LAT 10 46 LONG 83 35 ALT 5
 NUMERO DE ANOS ANALIZADOS 22

| DECADA | AMPLITUD | I. DIURNA | I. NOCTURNA | INSC | ETP | F1 | P2 | P3 | UC | NR |
|--------|----------|-----------|-------------|------|-------|------|----|----|----|----|
| 1 | 9.54 | 26.46 | 24.57 | 4.75 | 33.87 | 1.00 | 05 | 05 | 57 | 00 |
| 2 | 9.58 | 26.43 | 24.55 | 4.51 | 33.51 | 1.00 | 55 | 55 | 57 | 00 |
| 3 | 9.58 | 26.54 | 24.53 | 4.21 | 33.51 | 1.00 | 55 | 55 | 57 | 00 |
| 4 | 9.58 | 26.76 | 25.01 | 4.80 | 34.46 | 1.00 | 80 | 80 | 80 | 00 |
| 5 | 9.58 | 27.30 | 25.47 | 5.42 | 39.09 | 1.00 | 70 | 70 | 70 | 00 |
| 6 | 10.01 | 27.10 | 25.47 | 5.42 | 39.09 | 1.00 | 70 | 70 | 70 | 00 |
| 7 | 10.01 | 28.12 | 26.03 | 5.88 | 43.77 | 1.00 | 70 | 70 | 70 | 00 |
| 8 | 11.02 | 28.20 | 26.36 | 6.01 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 9 | 11.02 | 28.50 | 26.57 | 6.20 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 10 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 11 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 12 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 13 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 14 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 15 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 16 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 17 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 18 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 19 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 20 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 21 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 22 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 23 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 24 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 25 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 26 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 27 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 28 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 29 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 30 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 31 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 32 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 33 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 34 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 35 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 36 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 37 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 38 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 39 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |
| 40 | 11.02 | 28.60 | 26.67 | 6.27 | 45.77 | 1.00 | 70 | 70 | 70 | 00 |

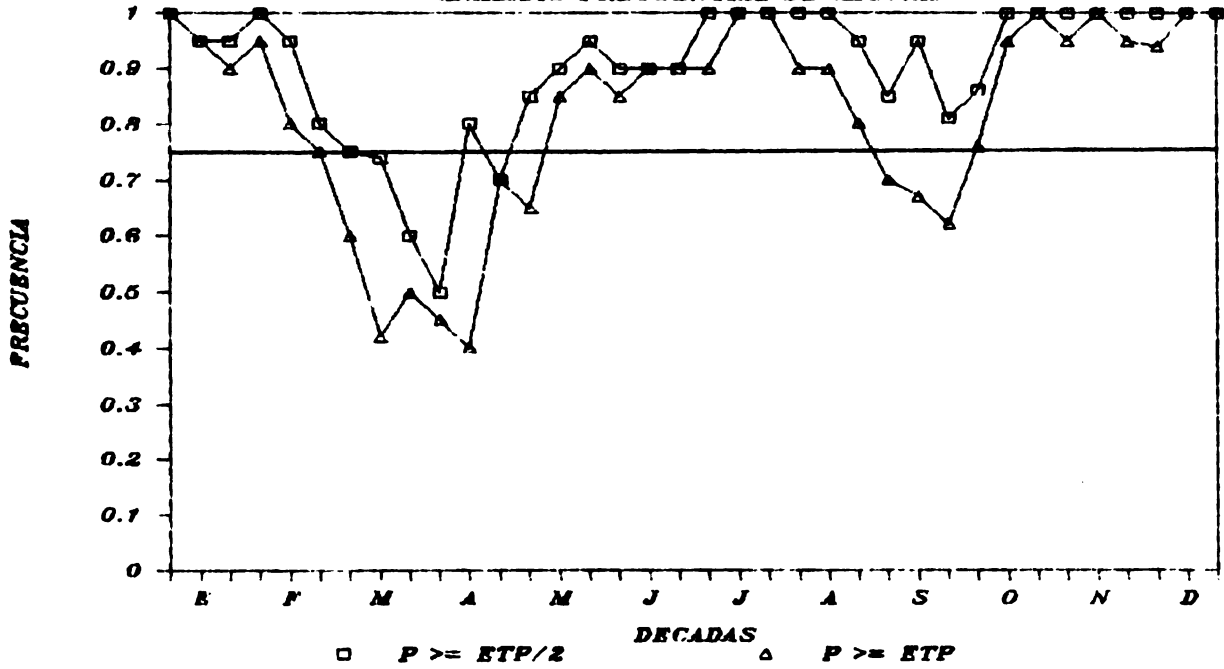
ESTACION BARRA COLORADO ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIARIAS Y DIURNAS, AMPLITUD Y
 LA PRECIPITACION DE CUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION BARRA COLORADO
 CODIGO 65533 LAT 10 46 LONG 83 35 ALT 5
 NUMERO DE ANCS ANALIZADOS 22

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSG | ETP | F1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|--------|
| 1 | 9.54 | 26.46 | 24.87 | 4.75 | 33.87 | 1.00 | 1.00 | 0.85 | 30.85 | 000000 |
| 2 | 9.68 | 26.54 | 24.89 | 4.51 | 33.51 | 0.95 | 1.00 | 0.85 | 30.85 | 000000 |
| 3 | 9.92 | 26.54 | 24.89 | 4.21 | 34.34 | 1.00 | 0.95 | 0.70 | 30.85 | 000000 |
| 4 | 9.51 | 26.76 | 25.37 | 4.80 | 37.46 | 0.80 | 0.80 | 0.40 | 33.41 | 000000 |
| 5 | 10.51 | 27.37 | 25.49 | 5.44 | 39.79 | 0.75 | 0.60 | 0.30 | 35.78 | 000000 |
| 6 | 10.59 | 27.37 | 25.49 | 5.82 | 41.79 | 0.74 | 0.42 | 0.30 | 35.78 | 000000 |
| 7 | 11.24 | 28.12 | 26.07 | 5.01 | 43.49 | 0.50 | 0.50 | 0.30 | 35.78 | 000000 |
| 8 | 11.26 | 28.24 | 26.36 | 6.01 | 45.77 | 0.50 | 0.40 | 0.30 | 35.78 | 000000 |
| 9 | 11.42 | 28.56 | 26.59 | 5.06 | 42.00 | 0.70 | 0.50 | 0.30 | 35.78 | 000000 |
| 10 | 11.32 | 28.56 | 26.59 | 4.27 | 39.00 | 0.85 | 0.70 | 0.30 | 35.78 | 000000 |
| 11 | 11.37 | 28.66 | 26.80 | 4.57 | 40.21 | 0.95 | 0.65 | 0.30 | 35.78 | 000000 |
| 12 | 10.71 | 28.52 | 26.78 | 4.21 | 38.60 | 0.90 | 0.50 | 0.30 | 35.78 | 000000 |
| 13 | 10.77 | 28.16 | 26.73 | 4.46 | 38.90 | 0.90 | 0.50 | 0.30 | 35.78 | 000000 |
| 14 | 9.72 | 28.16 | 26.73 | 4.20 | 37.78 | 0.90 | 0.50 | 0.30 | 35.78 | 000000 |
| 15 | 9.81 | 28.16 | 26.73 | 4.87 | 40.01 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 16 | 9.22 | 28.16 | 26.73 | 6.66 | 46.45 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 17 | 9.22 | 28.16 | 26.73 | 6.15 | 44.61 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 18 | 9.15 | 27.84 | 26.33 | 5.75 | 43.05 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 19 | 9.15 | 27.84 | 26.33 | 6.19 | 47.35 | 1.00 | 0.90 | 0.30 | 35.78 | 000000 |
| 20 | 9.33 | 27.84 | 26.33 | 4.30 | 38.26 | 0.95 | 0.50 | 0.30 | 35.78 | 000000 |
| 21 | 9.33 | 27.84 | 26.33 | 4.71 | 38.82 | 0.95 | 0.50 | 0.30 | 35.78 | 000000 |
| 22 | 9.50 | 28.16 | 26.41 | 4.71 | 39.13 | 0.81 | 0.62 | 0.30 | 35.78 | 000000 |
| 23 | 9.50 | 28.16 | 26.41 | 4.77 | 39.86 | 0.86 | 0.62 | 0.30 | 35.78 | 000000 |
| 24 | 9.50 | 28.16 | 26.41 | 4.20 | 35.69 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 25 | 9.50 | 28.16 | 26.41 | 5.36 | 36.43 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 26 | 9.50 | 28.16 | 26.41 | 6.80 | 38.90 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 27 | 9.50 | 28.16 | 26.41 | 6.18 | 35.86 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 28 | 9.50 | 28.16 | 26.41 | 7.93 | 39.56 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 29 | 9.50 | 28.16 | 26.41 | 7.93 | 40.62 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 30 | 9.50 | 28.16 | 26.41 | 6.77 | 43.73 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 31 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 32 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 33 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 34 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 35 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 36 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |
| 37 | 9.50 | 28.16 | 26.41 | 4.77 | 33.87 | 1.00 | 0.50 | 0.30 | 35.78 | 000000 |

ESTACION BARRA COLORADO ANALISIS FRECUENCIAL DE LLUVIAS

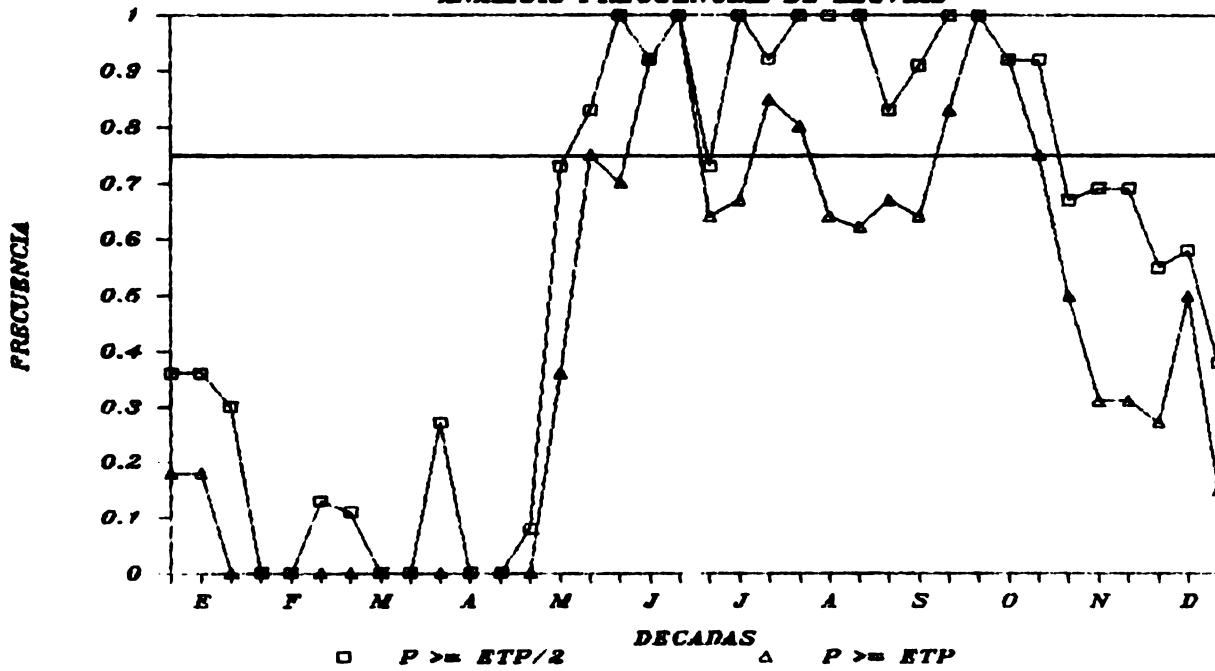


DA TCS DE INSLCLACIEN, TEMPERATURAS DIARNA Y GIARIA, AMPLITUD Y
 LA PRUBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 24ETP, PARA LA ESTACION PENAS BLANCAS
 COWIGO 65534 LAT 11 13 LONG 85 37 ALT 80
 NUMERO DE ANOS ANALIZADOS 16

| DECADA | AMPLITUD | T. DIARNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 5.43 | 26.03 | 24.43 | 7.40 | 42.00 | 0.36 | C.18 | C.C | 386.74 | 11 |
| 2 | 5.53 | 26.03 | 24.43 | 7.52 | 43.11 | 0.36 | C.C | C.C | 396.74 | 11 |
| 3 | 5.84 | 26.14 | 24.55 | 7.62 | 44.62 | 0.00 | C.C | C.C | 414.66 | 8 |
| 4 | 5.38 | 26.27 | 24.67 | 7.99 | 49.66 | 0.13 | C.C | C.C | 455.56 | 8 |
| 5 | 10.67 | 26.50 | 25.17 | 8.36 | 52.11 | 0.11 | C.C | C.C | 473.04 | 5 |
| 6 | 11.10 | 27.02 | 25.64 | 8.38 | 53.42 | 0.00 | C.C | C.C | 482.35 | 5 |
| 7 | 11.23 | 27.81 | 25.58 | 8.97 | 52.89 | 0.27 | C.C | C.C | 475.03 | 5 |
| 8 | 11.17 | 28.03 | 26.19 | 8.43 | 54.79 | 0.00 | C.C | C.C | 483.65 | 5 |
| 9 | 11.11 | 28.13 | 26.22 | 8.14 | 53.20 | 0.00 | C.C | C.C | 476.65 | 5 |
| 10 | 11.16 | 28.24 | 26.31 | 8.54 | 53.00 | 0.83 | C.C | C.C | 472.71 | 1 |
| 11 | 10.70 | 28.27 | 26.45 | 6.57 | 43.00 | 0.73 | C.C | C.C | 412.71 | 1 |
| 12 | 10.53 | 28.09 | 26.34 | 4.29 | 39.56 | 1.00 | C.C | C.C | 335.45 | 1 |
| 13 | 10.11 | 28.58 | 26.31 | 4.67 | 37.99 | 1.00 | C.C | C.C | 334.53 | 1 |
| 14 | 9.58 | 27.71 | 26.17 | 4.45 | 38.11 | 1.00 | C.C | C.C | 336.52 | 1 |
| 15 | 9.46 | 27.44 | 25.53 | 4.71 | 39.07 | 1.00 | C.C | C.C | 335.20 | 1 |
| 16 | 9.09 | 27.38 | 25.51 | 4.58 | 39.07 | 1.00 | C.C | C.C | 335.52 | 1 |
| 17 | 9.06 | 27.44 | 25.54 | 4.29 | 39.07 | 1.00 | C.C | C.C | 335.52 | 1 |
| 18 | 9.46 | 27.56 | 25.55 | 5.19 | 41.88 | 1.00 | C.C | C.C | 337.40 | 1 |
| 19 | 9.06 | 27.62 | 25.55 | 5.19 | 42.77 | 1.00 | C.C | C.C | 335.00 | 1 |
| 20 | 10.17 | 27.75 | 25.00 | 5.15 | 41.62 | 1.00 | C.C | C.C | 335.00 | 1 |
| 21 | 10.37 | 27.63 | 25.94 | 4.15 | 37.84 | 1.00 | C.C | C.C | 334.00 | 1 |
| 22 | 10.31 | 27.63 | 25.79 | 4.26 | 37.35 | 1.00 | C.C | C.C | 334.00 | 1 |
| 23 | 10.79 | 27.44 | 25.61 | 4.30 | 36.86 | 1.00 | C.C | C.C | 332.40 | 1 |
| 24 | 9.72 | 27.12 | 25.61 | 4.30 | 39.82 | 0.92 | C.C | C.C | 332.40 | 1 |
| 25 | 9.62 | 26.61 | 25.18 | 5.45 | 41.03 | 0.69 | C.C | C.C | 332.40 | 1 |
| 26 | 9.27 | 26.61 | 24.87 | 6.38 | 39.07 | 0.69 | C.C | C.C | 332.40 | 1 |
| 27 | 9.39 | 26.41 | 24.87 | 6.77 | 40.27 | 0.55 | C.C | C.C | 332.40 | 1 |
| 28 | 9.45 | 26.02 | 24.54 | 6.55 | 41.96 | 0.58 | C.C | C.C | 332.40 | 1 |
| 29 | 9.45 | 26.02 | 24.44 | 6.94 | 40.24 | 0.63 | C.C | C.C | 332.40 | 1 |

ESTACION PENAS BLANCAS

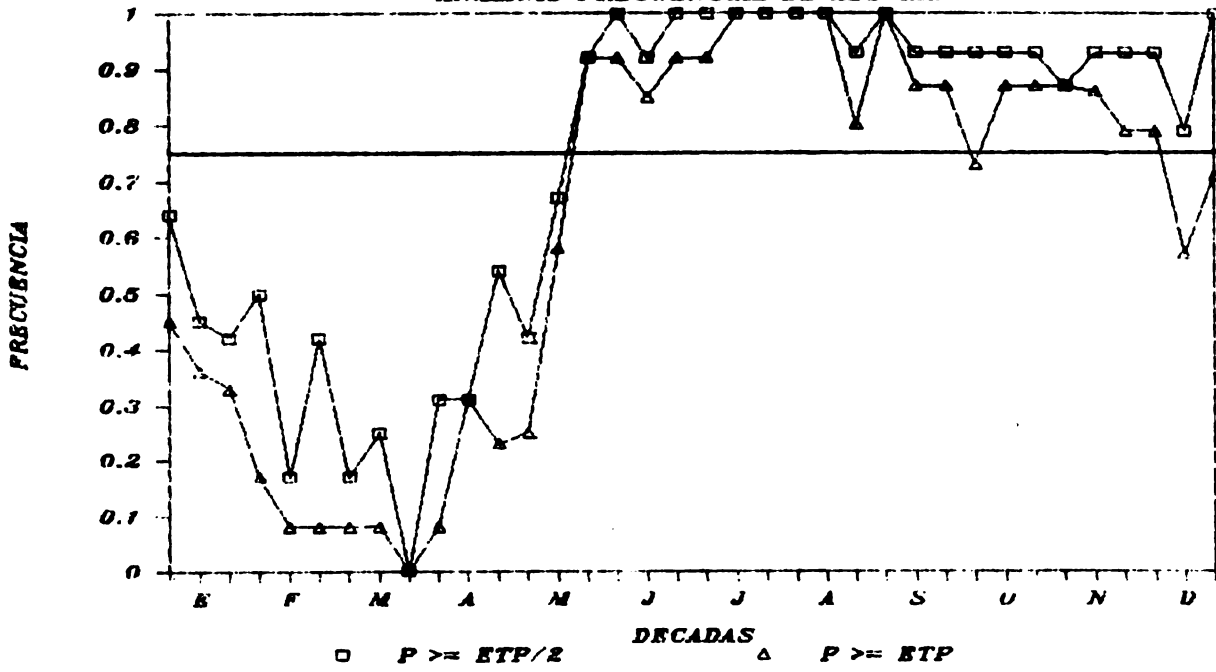
ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNA Y CIARIA, AMPLITUD Y
 LA PROEABILIDAD DE QUE LA PRECIPITACION SEA MAYOR C IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION UPALA
 CUDIGU 69538 LAT 10 54 LONG 85 1 ALT 50
 NUMERO DE AÑOS ANALIZADOS 15

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | F1 | P2 | P3 | GC | AB |
|--------|----------|-----------|-----------|------|-------|------|------|------|------|----|
| 1 | 9.47 | 26.23 | 24.64 | 6.24 | 38.52 | 0.64 | 0.45 | 0.00 | 5.36 | 1 |
| 2 | 9.87 | 26.10 | 24.55 | 6.44 | 39.82 | 0.42 | 0.33 | 0.00 | 5.67 | 1 |
| 3 | 9.90 | 26.00 | 24.70 | 6.57 | 41.25 | 0.50 | 0.33 | 0.00 | 5.29 | 1 |
| 4 | 10.45 | 26.52 | 24.78 | 7.34 | 44.96 | 0.17 | 0.18 | 0.00 | 5.31 | 1 |
| 5 | 10.81 | 26.00 | 25.13 | 7.26 | 47.33 | 0.47 | 0.88 | 0.00 | 5.00 | 1 |
| 6 | 11.15 | 26.00 | 25.26 | 7.79 | 50.25 | 0.12 | 0.00 | 0.00 | 5.00 | 1 |
| 7 | 11.21 | 26.00 | 25.83 | 7.68 | 50.59 | 0.20 | 0.00 | 0.00 | 5.00 | 1 |
| 8 | 11.34 | 26.00 | 26.00 | 8.10 | 53.31 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 9 | 11.34 | 26.00 | 26.15 | 7.15 | 51.25 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 10 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 11 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 12 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 13 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 14 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 15 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 16 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 17 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 18 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 19 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 20 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 21 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 22 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 23 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 24 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 25 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 26 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 27 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 28 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 29 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 30 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 31 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 32 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 33 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 34 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 35 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 36 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 37 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 38 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 39 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |
| 40 | 11.34 | 26.00 | 26.00 | 7.15 | 50.10 | 0.31 | 0.00 | 0.00 | 5.00 | 1 |

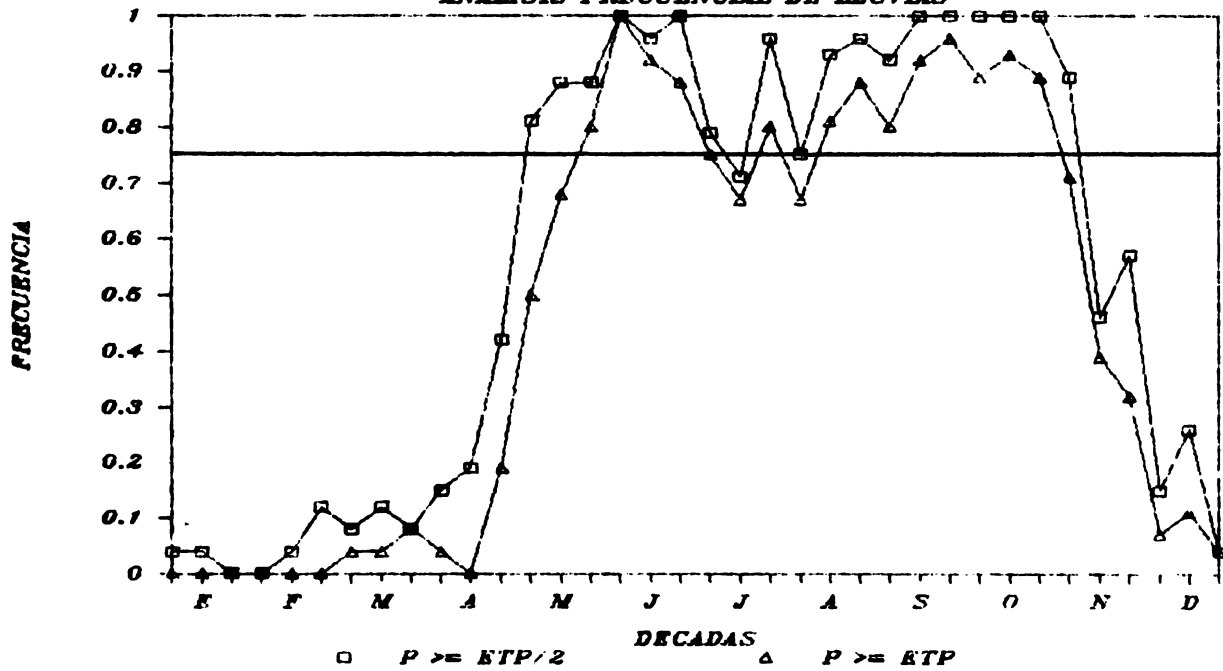
ESTACION UPALA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSCLACION, TEMPERATURAS CIURNA Y CIARIA, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2 ETP, Y 2*ETP, PARA LA ESTACION NICCOYA
 CCOIGU 72101 LAT 10 9 LONG 85 27 ALT 120
 NUMERO DE ANOS ANALIZADOS 28

| EECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 12.70 | 28.67 | 26.55 | 8.63 | 48.13 | 0.04 | 0.0 | 0.0 | 428.31 | 7 |
| 2 | 12.57 | 28.33 | 26.09 | 8.18 | 47.43 | 0.0 | 0.0 | 0.0 | 421.00 | 27 |
| 3 | 12.47 | 28.07 | 27.71 | 9.15 | 52.85 | 0.0 | 0.0 | 0.0 | 461.32 | 22 |
| 4 | 13.08 | 29.52 | 27.74 | 9.35 | 56.03 | 0.04 | 0.0 | 0.0 | 472.08 | 6 |
| 5 | 13.08 | 30.22 | 28.05 | 9.40 | 57.64 | 0.08 | 0.04 | 0.04 | 450.44 | 6 |
| 6 | 13.15 | 31.22 | 29.02 | 8.60 | 57.13 | 0.12 | 0.04 | 0.0 | 452.52 | 6 |
| 7 | 13.40 | 31.43 | 29.11 | 8.16 | 56.00 | 0.08 | 0.04 | 0.0 | 480.70 | 6 |
| 8 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 459.27 | 6 |
| 9 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 480.70 | 6 |
| 10 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 503.46 | 6 |
| 11 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 423.55 | 6 |
| 12 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 423.55 | 6 |
| 13 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 423.55 | 6 |
| 14 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 15 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 16 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 17 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 18 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 19 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 20 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 21 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 22 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 23 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 24 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 25 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 26 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 27 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 28 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 29 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 30 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 31 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 32 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 33 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 34 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 35 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 36 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |
| 37 | 13.40 | 31.74 | 29.61 | 8.61 | 58.09 | 0.15 | 0.04 | 0.0 | 347.53 | 5 |

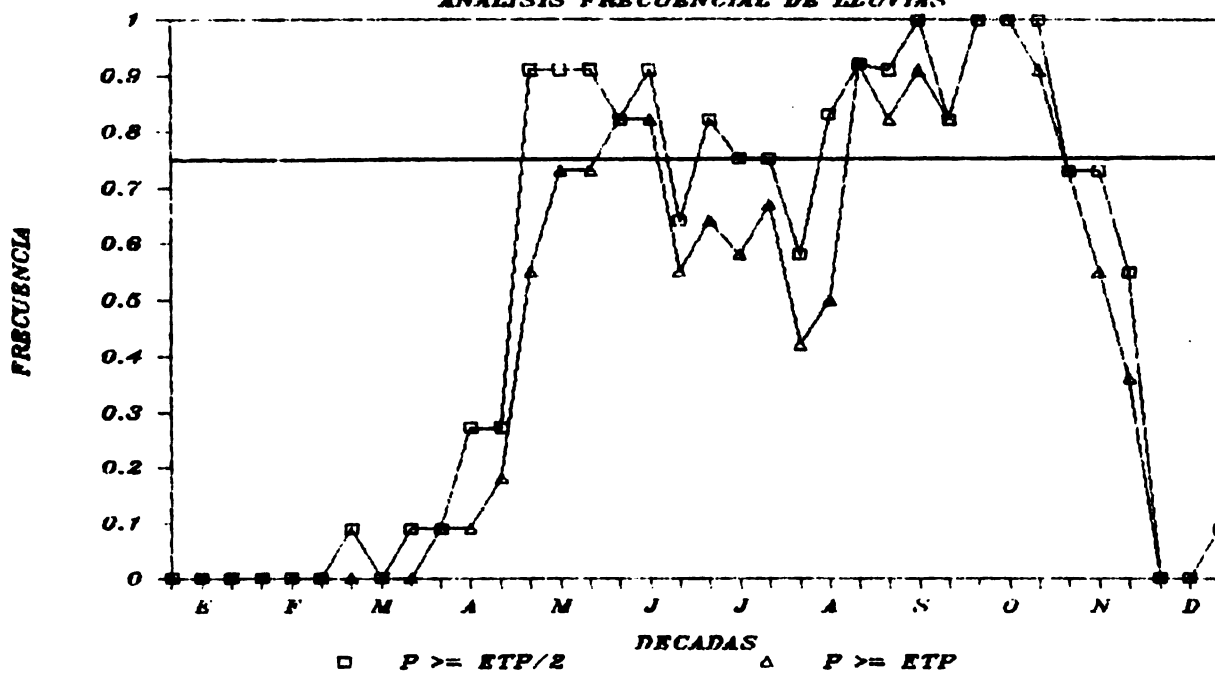
ESTACION NICOYA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION COLONIA CARMONA
 CODIGO 721C5 LAT 10 0 LONG 85 15 ALT 100
 NUMERO DE AÑOS ANALIZADOS 12

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|-----|-----|-----|-------|----|
| 1 | 10.68 | 26.15 | 26.37 | 8.87 | 48.75 | 0.0 | 0.0 | 0.0 | 36.38 | |
| 2 | 11.20 | 28.61 | 26.50 | 8.87 | 49.71 | 0.0 | 0.0 | 0.0 | 44.55 | |
| 3 | 11.25 | 28.99 | 27.13 | 8.95 | 51.29 | 0.0 | 0.0 | 0.0 | 44.55 | |
| 4 | 11.15 | 29.21 | 27.39 | 8.95 | 52.69 | 0.0 | 0.0 | 0.0 | 46.66 | |
| 5 | 11.65 | 29.89 | 27.56 | 8.99 | 54.16 | 0.0 | 0.0 | 0.0 | 46.66 | |
| 6 | 11.59 | 30.23 | 27.33 | 8.77 | 55.16 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 7 | 11.59 | 30.42 | 28.46 | 8.90 | 57.60 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 8 | 12.16 | 30.71 | 28.80 | 8.63 | 57.85 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 9 | 11.47 | 30.71 | 28.48 | 8.51 | 56.02 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 10 | 11.57 | 30.00 | 28.80 | 7.75 | 54.02 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 11 | 11.57 | 30.00 | 28.48 | 7.57 | 54.76 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 12 | 11.57 | 30.00 | 27.18 | 7.61 | 54.53 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 13 | 10.47 | 28.55 | 27.18 | 5.45 | 43.53 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 14 | 10.57 | 28.71 | 26.65 | 5.75 | 41.61 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 15 | 10.57 | 28.00 | 26.65 | 5.45 | 39.61 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 16 | 10.57 | 28.15 | 26.65 | 5.07 | 41.81 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 17 | 10.57 | 28.00 | 26.65 | 5.51 | 40.87 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 18 | 10.57 | 28.00 | 26.65 | 5.51 | 42.03 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 19 | 10.57 | 28.00 | 26.65 | 5.28 | 41.87 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 20 | 10.57 | 28.00 | 26.65 | 5.80 | 42.55 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 21 | 10.57 | 28.00 | 26.65 | 5.80 | 43.43 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 22 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 23 | 10.57 | 28.00 | 26.65 | 5.80 | 45.43 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 24 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 25 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 26 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 27 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 28 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 29 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 30 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 31 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 32 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 33 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 34 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 35 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 36 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |
| 37 | 10.57 | 28.00 | 26.65 | 5.80 | 44.58 | 0.0 | 0.0 | 0.0 | 49.00 | |

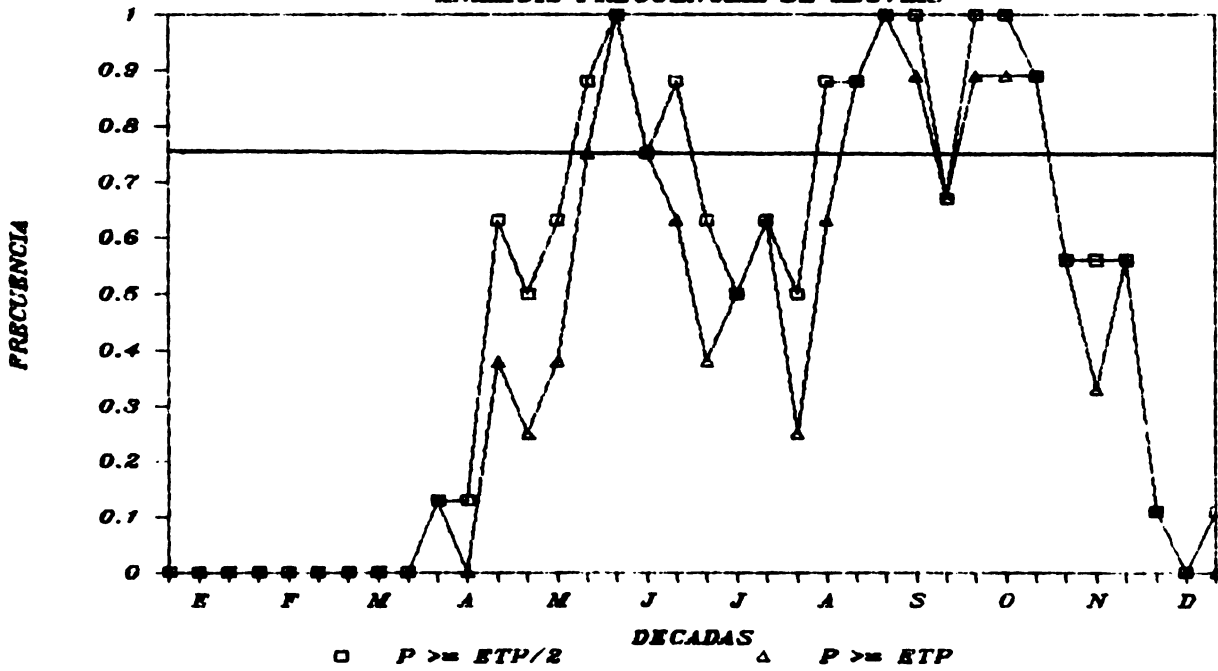
ESTACION COLONIA CARMONA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LEPANTO, NARANJO
 CODIGO 72107 LAT 9 58 LONG 85 2 ALT 50
 NUMERO DE AÑOS ANALIZADOS 9

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | FL | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 11.14 | 28.57 | 26.71 | 8.94 | 49.28 | 0.0 | 0.0 | 0.0 | 438.62 | 8 |
| 2 | 11.65 | 28.80 | 26.86 | 8.89 | 50.07 | 0.0 | 0.0 | 0.0 | 444.36 | 8 |
| 3 | 12.17 | 29.03 | 27.06 | 8.95 | 51.55 | 0.0 | 0.0 | 0.0 | 455.80 | 8 |
| 4 | 11.55 | 29.45 | 27.53 | 8.75 | 53.84 | 0.0 | 0.0 | 0.0 | 466.93 | 8 |
| 5 | 11.04 | 29.70 | 27.81 | 8.95 | 54.99 | 0.0 | 0.0 | 0.0 | 481.75 | 8 |
| 6 | 11.55 | 30.32 | 28.35 | 8.95 | 57.13 | 0.0 | 0.0 | 0.0 | 497.60 | 8 |
| 7 | 11.45 | 30.84 | 28.77 | 8.47 | 58.26 | 0.0 | 0.0 | 0.0 | 503.74 | 8 |
| 8 | 11.03 | 31.16 | 29.15 | 8.21 | 58.59 | 0.13 | 0.13 | 0.0 | 503.45 | 8 |
| 9 | 11.65 | 31.16 | 29.22 | 8.21 | 56.14 | 0.13 | 0.13 | 0.0 | 483.25 | 8 |
| 10 | 11.09 | 31.03 | 29.50 | 6.82 | 58.12 | 0.50 | 0.35 | 0.0 | 425.18 | 8 |
| 11 | 10.73 | 30.68 | 28.50 | 6.88 | 45.32 | 0.68 | 0.28 | 0.0 | 396.85 | 8 |
| 12 | 9.22 | 29.47 | 28.11 | 5.22 | 42.05 | 0.88 | 0.75 | 0.0 | 371.50 | 8 |
| 13 | 9.37 | 28.47 | 27.90 | 4.96 | 40.47 | 1.00 | 1.00 | 0.0 | 365.40 | 8 |
| 14 | 9.22 | 28.54 | 26.94 | 5.14 | 41.00 | 0.75 | 0.75 | 0.0 | 381.40 | 8 |
| 15 | 9.41 | 28.47 | 26.99 | 5.60 | 42.94 | 0.88 | 0.68 | 0.0 | 386.40 | 8 |
| 16 | 9.37 | 28.53 | 27.03 | 5.37 | 41.92 | 0.50 | 0.50 | 0.0 | 372.40 | 8 |
| 17 | 9.79 | 28.67 | 27.07 | 5.75 | 44.57 | 0.50 | 0.50 | 0.0 | 382.40 | 8 |
| 18 | 9.79 | 28.77 | 27.19 | 6.75 | 47.79 | 0.50 | 0.50 | 0.0 | 424.50 | 8 |
| 19 | 9.79 | 28.72 | 27.09 | 5.47 | 43.32 | 0.88 | 0.68 | 0.0 | 382.40 | 8 |
| 20 | 9.79 | 28.70 | 26.69 | 5.75 | 41.83 | 1.00 | 1.00 | 0.0 | 374.93 | 8 |
| 21 | 9.79 | 28.03 | 26.50 | 5.11 | 40.62 | 1.00 | 1.00 | 0.0 | 362.58 | 8 |
| 22 | 9.79 | 28.10 | 26.55 | 4.90 | 40.29 | 1.00 | 1.00 | 0.0 | 374.93 | 8 |
| 23 | 9.79 | 28.10 | 26.58 | 4.80 | 41.05 | 1.00 | 1.00 | 0.0 | 360.10 | 8 |
| 24 | 9.79 | 27.80 | 26.32 | 5.75 | 41.06 | 1.00 | 1.00 | 0.0 | 365.10 | 8 |
| 25 | 8.86 | 27.76 | 26.33 | 4.76 | 38.88 | 1.00 | 0.89 | 0.0 | 345.20 | 9 |
| 26 | 8.86 | 27.77 | 26.33 | 5.43 | 39.64 | 0.56 | 0.56 | 0.0 | 356.61 | 9 |
| 27 | 8.86 | 27.77 | 26.22 | 7.10 | 44.47 | 0.56 | 0.56 | 0.0 | 399.61 | 9 |
| 28 | 8.86 | 27.56 | 26.33 | 6.08 | 46.20 | 0.11 | 0.11 | 0.0 | 387.03 | 9 |
| 29 | 8.86 | 28.04 | 26.33 | 8.08 | 47.26 | 0.11 | 0.11 | 0.0 | 414.43 | 9 |
| 30 | 8.86 | 28.00 | 26.35 | 8.55 | 47.28 | 0.11 | 0.11 | 0.0 | 423.51 | 9 |
| 31 | 8.86 | 28.64 | 26.72 | 8.95 | 49.06 | 0.11 | 0.11 | 0.0 | 436.31 | 9 |

ESTACION LEPANTO, NARANJO ANALISIS FRECUENCIAL DE LLUVIAS



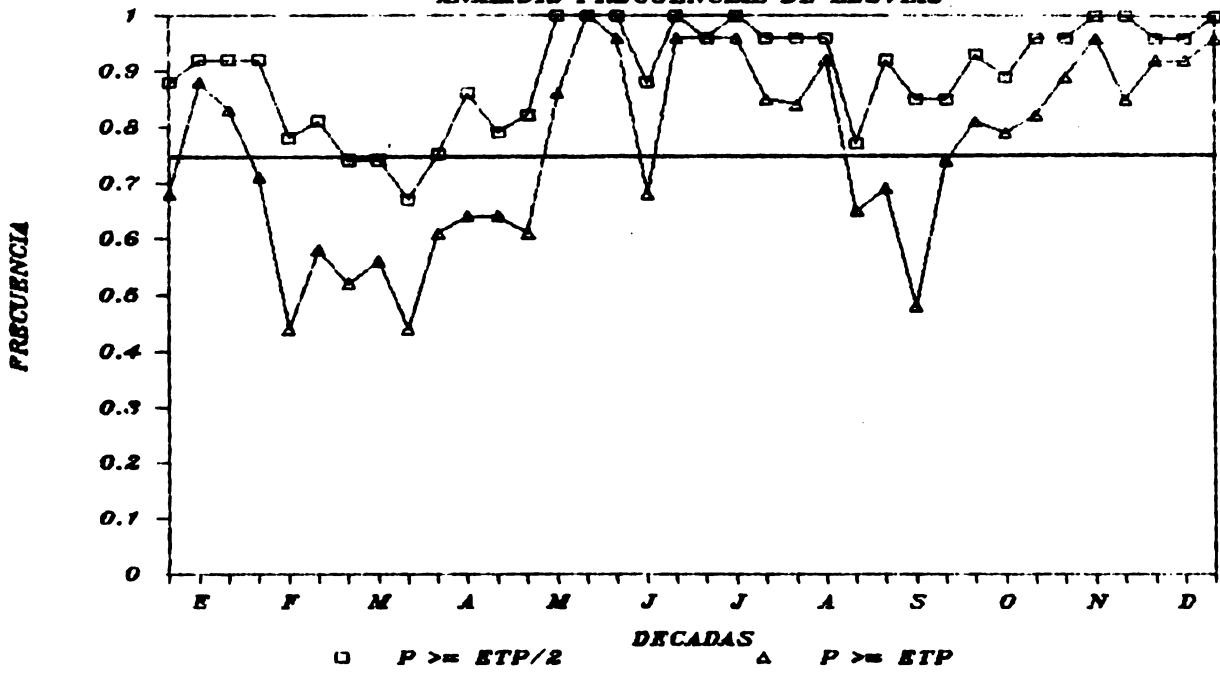
DAIOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION EL CAIKO SQUIRRES

CODIGO 7300S LAT 10 7 LONG 83 32 ALT 60
 NUMERO DE AÑOS ANALIZADOS 30

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 10.50 | 25.80 | 24.15 | 4.67 | 33.64 | 0.88 | 0.68 | 0.52 | 310.11 | 55 |
| 2 | 10.50 | 25.80 | 24.12 | 4.59 | 33.62 | 0.92 | 0.83 | 0.67 | 313.07 | 22 |
| 3 | 10.60 | 26.04 | 24.28 | 4.89 | 34.87 | 0.92 | 0.83 | 0.67 | 313.07 | 22 |
| 4 | 10.71 | 26.87 | 24.78 | 5.88 | 41.00 | 0.78 | 0.44 | 0.22 | 337.15 | 47 |
| 5 | 10.93 | 26.05 | 24.76 | 4.68 | 41.78 | 0.81 | 0.58 | 0.30 | 337.15 | 27 |
| 6 | 10.62 | 26.14 | 25.00 | 5.56 | 43.35 | 0.74 | 0.56 | 0.30 | 335.17 | 27 |
| 7 | 10.37 | 26.91 | 25.21 | 5.74 | 43.88 | 0.67 | 0.44 | 0.22 | 335.17 | 27 |
| 8 | 10.16 | 27.01 | 25.56 | 5.19 | 42.02 | 0.75 | 0.61 | 0.30 | 338.65 | 28 |
| 9 | 10.52 | 27.25 | 25.78 | 4.74 | 40.77 | 0.86 | 0.64 | 0.32 | 336.40 | 28 |
| 10 | 10.38 | 27.84 | 26.13 | 4.95 | 40.70 | 0.82 | 0.61 | 0.32 | 336.40 | 28 |
| 11 | 10.23 | 28.10 | 26.38 | 4.19 | 41.13 | 1.00 | 0.86 | 0.32 | 336.40 | 28 |
| 12 | 10.38 | 28.10 | 26.46 | 4.23 | 41.13 | 1.00 | 0.86 | 0.32 | 336.40 | 28 |
| 13 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 14 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 15 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 16 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 17 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 18 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 19 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 20 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 21 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 22 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 23 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 24 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 25 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 26 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 27 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 28 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 29 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 30 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 31 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 32 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 33 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 34 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 35 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 36 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |
| 37 | 10.08 | 27.87 | 26.19 | 4.23 | 37.63 | 1.00 | 0.96 | 0.32 | 336.40 | 28 |

ESTACION EL CAIRO SIQUIRRES

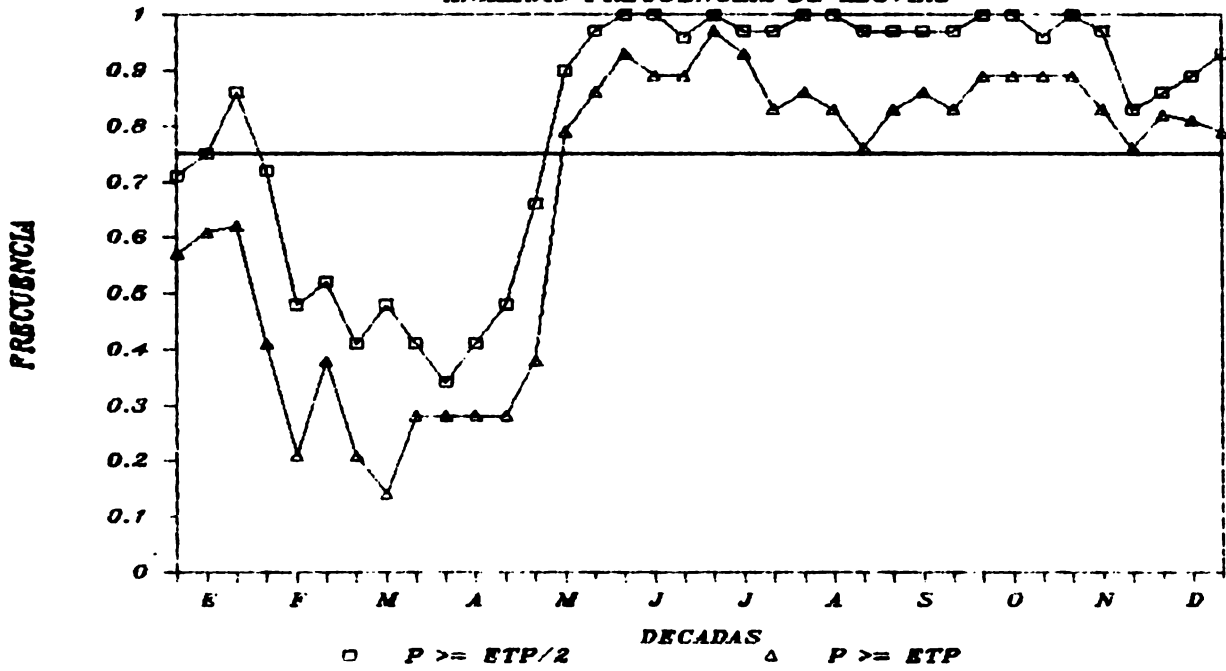
ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLASACION, TEMPERATURAS DIURNA Y NOCTURNA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION TURRIALBA IICA
 CODIGO 73010 LAT 9 53 LONG 83 38 ALT 602
 NUMERO DE AÑOS ANALIZADOS 29

| FECHA | AMPLITUD | T. DIURNA | T. NOCTURNA | INSO | ETP | PI | P2 | P3 | GC | NB |
|-------|----------|-----------|-------------|------|-------|------|------|------|--------|----|
| 1 | 5.17 | 22.44 | 20.57 | 4.66 | 32.20 | 0.71 | 0.57 | 0.32 | 310.50 | 28 |
| 2 | 8.39 | 22.13 | 20.86 | 4.27 | 31.79 | 0.86 | 0.62 | 0.21 | 304.87 | 22 |
| 3 | 9.17 | 22.55 | 21.02 | 5.39 | 35.79 | 0.72 | 0.41 | 0.17 | 342.87 | 22 |
| 4 | 5.61 | 22.40 | 21.80 | 5.02 | 37.40 | 0.48 | 0.38 | 0.14 | 361.53 | 22 |
| 5 | 9.12 | 22.67 | 21.15 | 4.91 | 36.91 | 0.52 | 0.31 | 0.10 | 355.41 | 22 |
| 6 | 9.46 | 22.24 | 21.67 | 5.33 | 39.37 | 0.48 | 0.21 | 0.07 | 376.15 | 22 |
| 7 | 9.25 | 22.82 | 21.75 | 4.97 | 37.29 | 0.41 | 0.28 | 0.07 | 354.63 | 22 |
| 8 | 5.70 | 22.21 | 22.21 | 5.62 | 41.65 | 0.34 | 0.28 | 0.00 | 374.13 | 22 |
| 9 | 8.55 | 22.58 | 22.21 | 4.99 | 39.43 | 0.41 | 0.28 | 0.00 | 361.13 | 22 |
| 10 | 5.94 | 22.03 | 22.87 | 5.07 | 38.20 | 0.41 | 0.28 | 0.00 | 349.23 | 22 |
| 11 | 8.14 | 22.46 | 22.25 | 6.26 | 40.54 | 0.66 | 0.38 | 0.00 | 375.57 | 22 |
| 12 | 9.23 | 22.72 | 22.27 | 4.73 | 38.37 | 0.90 | 0.79 | 0.00 | 358.04 | 22 |
| 13 | 8.54 | 22.44 | 23.35 | 5.38 | 40.37 | 0.97 | 0.86 | 0.00 | 377.01 | 22 |
| 14 | 8.23 | 22.52 | 23.81 | 4.43 | 36.64 | 1.00 | 0.93 | 0.00 | 343.44 | 22 |
| 15 | 8.55 | 22.24 | 23.10 | 4.72 | 37.78 | 0.96 | 0.89 | 0.00 | 354.44 | 22 |
| 16 | 8.24 | 22.27 | 22.80 | 3.72 | 33.89 | 1.00 | 0.97 | 0.00 | 319.20 | 22 |
| 17 | 8.25 | 22.25 | 22.86 | 3.53 | 33.29 | 1.00 | 0.97 | 0.00 | 313.55 | 22 |
| 18 | 8.24 | 22.25 | 22.78 | 3.44 | 32.98 | 0.97 | 0.83 | 0.00 | 347.55 | 22 |
| 19 | 8.23 | 22.15 | 22.78 | 3.44 | 36.88 | 0.97 | 0.83 | 0.00 | 347.55 | 22 |
| 20 | 8.26 | 22.15 | 22.65 | 3.61 | 34.01 | 1.00 | 0.86 | 0.00 | 321.47 | 22 |
| 21 | 8.46 | 22.16 | 22.75 | 4.15 | 36.19 | 1.00 | 0.83 | 0.00 | 341.24 | 22 |
| 22 | 8.26 | 22.44 | 22.93 | 4.95 | 39.28 | 0.97 | 0.76 | 0.00 | 369.21 | 22 |
| 23 | 8.26 | 22.44 | 22.93 | 5.14 | 40.06 | 0.97 | 0.83 | 0.00 | 377.54 | 22 |
| 24 | 8.26 | 22.44 | 22.93 | 4.72 | 34.81 | 0.97 | 0.86 | 0.00 | 327.54 | 22 |
| 25 | 8.65 | 22.44 | 22.92 | 4.44 | 37.17 | 1.00 | 0.83 | 0.00 | 348.55 | 22 |
| 26 | 8.87 | 22.44 | 22.92 | 4.91 | 35.54 | 1.00 | 0.89 | 0.00 | 334.55 | 22 |
| 27 | 8.67 | 22.44 | 22.70 | 4.94 | 36.96 | 1.00 | 0.89 | 0.00 | 348.80 | 22 |
| 28 | 8.59 | 22.13 | 22.70 | 4.94 | 36.10 | 1.00 | 0.89 | 0.00 | 340.73 | 22 |
| 29 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.97 | 0.83 | 0.00 | 313.00 | 22 |
| 30 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 31 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 32 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 33 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 34 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 35 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 36 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |
| 37 | 8.23 | 22.37 | 22.57 | 4.75 | 33.83 | 0.83 | 0.76 | 0.00 | 323.00 | 22 |

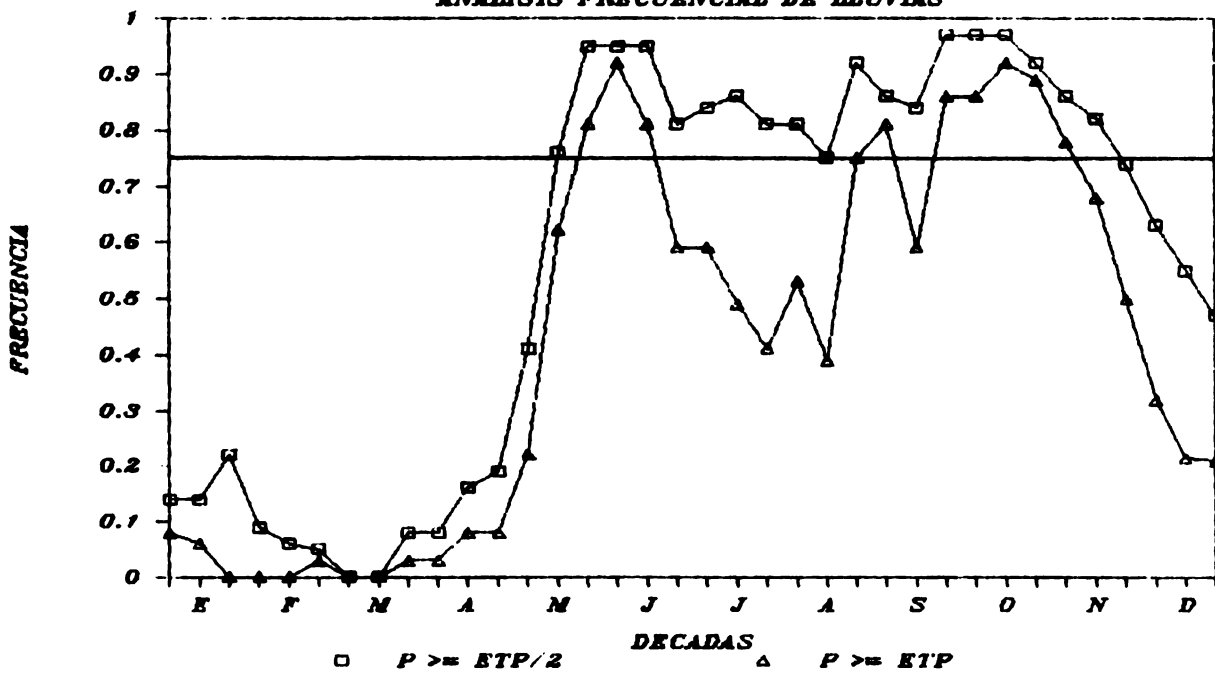
ESTACION TURRIALBA IICA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A EIP/2
 ETP, Y 2*ETP, PARA LA ESTACION SANTIAGO DURAN
 CODIGO 73CII LAT 9 56 LONG 83 53 ALT 2337
 NUMERO DE AÑOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 8.57 | 13.52 | 12.43 | 7.96 | 37.42 | 0.14 | 0.08 | 0.0 | 405.47 | 36 |
| 2 | 9.04 | 13.80 | 12.62 | 8.02 | 38.32 | 0.14 | 0.06 | 0.0 | 427.26 | 36 |
| 3 | 9.65 | 14.20 | 12.61 | 8.24 | 39.73 | 0.22 | 0.06 | 0.0 | 444.31 | 36 |
| 4 | 9.54 | 14.37 | 12.52 | 8.34 | 40.79 | 0.06 | 0.03 | 0.0 | 458.46 | 36 |
| 5 | 9.15 | 14.65 | 13.18 | 8.33 | 43.21 | 0.05 | 0.0 | 0.0 | 467.67 | 36 |
| 6 | 10.30 | 15.25 | 13.50 | 8.47 | 44.54 | 0.0 | 0.0 | 0.0 | 481.12 | 36 |
| 7 | 10.53 | 15.42 | 13.54 | 8.50 | 45.61 | 0.08 | 0.03 | 0.0 | 489.43 | 36 |
| 8 | 10.01 | 15.51 | 13.75 | 8.36 | 44.81 | 0.08 | 0.03 | 0.0 | 479.25 | 36 |
| 9 | 9.57 | 15.51 | 13.91 | 8.07 | 44.57 | 0.16 | 0.08 | 0.0 | 476.05 | 36 |
| 10 | 9.44 | 15.65 | 14.01 | 8.00 | 43.72 | 0.19 | 0.08 | 0.0 | 466.42 | 36 |
| 11 | 9.26 | 15.97 | 14.13 | 7.78 | 41.34 | 0.41 | 0.22 | 0.0 | 440.51 | 36 |
| 12 | 9.44 | 15.60 | 14.12 | 7.34 | 35.57 | 0.76 | 0.61 | 0.0 | 378.47 | 36 |
| 13 | 9.86 | 15.37 | 13.51 | 5.36 | 34.07 | 0.95 | 0.81 | 0.0 | 363.54 | 36 |
| 14 | 9.74 | 15.37 | 13.51 | 5.02 | 34.91 | 0.95 | 0.81 | 0.0 | 362.53 | 36 |
| 15 | 9.48 | 15.32 | 13.73 | 5.15 | 33.13 | 0.81 | 0.59 | 0.0 | 350.10 | 36 |
| 16 | 9.08 | 15.06 | 13.69 | 5.94 | 36.79 | 0.84 | 0.59 | 0.0 | 355.14 | 36 |
| 17 | 8.88 | 15.70 | 13.56 | 6.09 | 37.36 | 0.81 | 0.59 | 0.0 | 355.14 | 36 |
| 18 | 8.24 | 14.87 | 13.47 | 6.22 | 38.27 | 0.81 | 0.59 | 0.0 | 341.67 | 36 |
| 19 | 8.09 | 14.89 | 13.52 | 6.39 | 38.61 | 0.75 | 0.57 | 0.0 | 350.53 | 36 |
| 20 | 8.26 | 15.06 | 13.66 | 6.51 | 38.05 | 0.92 | 0.81 | 0.0 | 419.47 | 36 |
| 21 | 8.23 | 15.14 | 13.73 | 5.16 | 35.09 | 0.86 | 0.59 | 0.0 | 399.63 | 36 |
| 22 | 8.67 | 15.14 | 13.75 | 4.98 | 37.09 | 0.97 | 0.81 | 0.0 | 376.03 | 36 |
| 23 | 8.52 | 15.19 | 13.54 | 4.77 | 34.18 | 0.97 | 0.81 | 0.0 | 355.75 | 36 |
| 24 | 8.35 | 14.06 | 13.40 | 4.46 | 32.08 | 0.92 | 0.81 | 0.0 | 339.67 | 36 |
| 25 | 8.20 | 14.06 | 13.40 | 4.95 | 32.35 | 0.86 | 0.59 | 0.0 | 338.65 | 36 |
| 26 | 8.35 | 14.15 | 13.42 | 5.29 | 32.65 | 0.82 | 0.59 | 0.0 | 335.51 | 36 |
| 27 | 8.19 | 14.15 | 13.42 | 5.61 | 32.65 | 0.82 | 0.59 | 0.0 | 335.51 | 36 |
| 28 | 8.36 | 14.35 | 13.15 | 5.83 | 34.62 | 0.62 | 0.78 | 0.0 | 332.48 | 36 |
| 29 | 8.36 | 14.14 | 12.74 | 6.93 | 34.62 | 0.62 | 0.78 | 0.0 | 332.48 | 36 |
| 30 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 31 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 32 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 33 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 34 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 35 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 36 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |
| 37 | 8.54 | 14.54 | 12.45 | 7.32 | 35.27 | 0.57 | 0.59 | 0.0 | 332.48 | 36 |

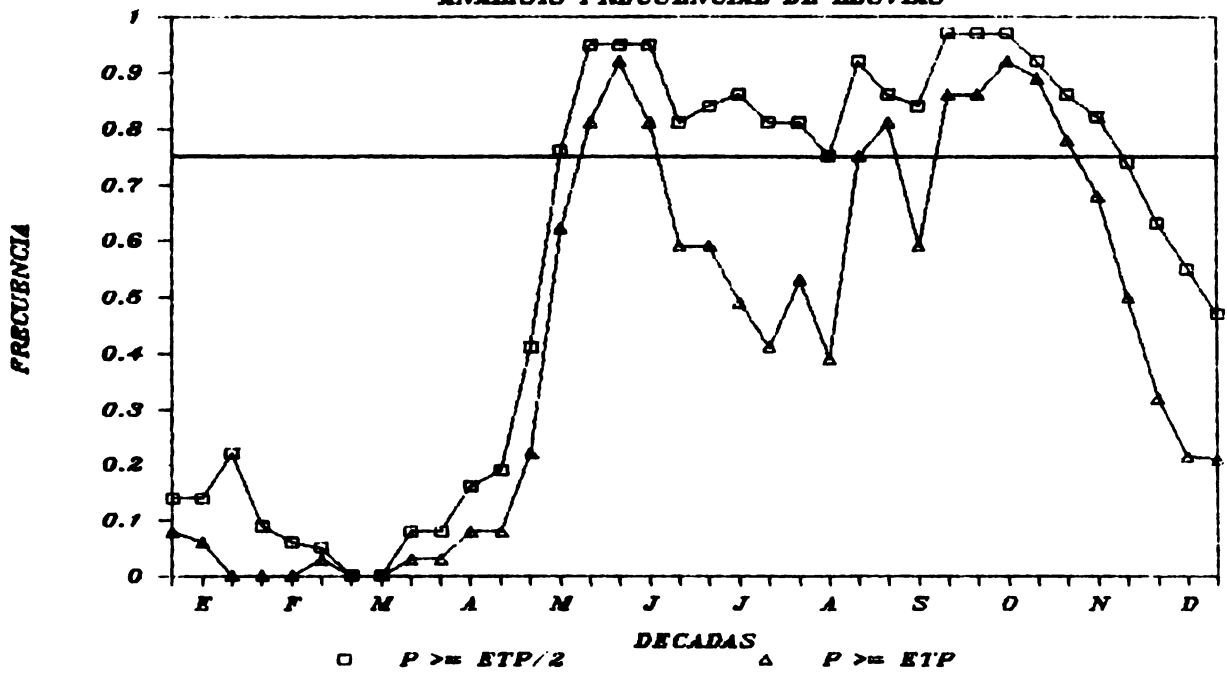
ESTACION SANATORIO DURAN ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A EIP/2
 EIP, Y 2*ETP, PARA LA ESTACION SANATORIO DURAN
 CODIGO 73011 LAT 9 56 LONG 83 53 ALT 2337
 NUMERO DE AÑOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 8.57 | 13.50 | 12.43 | 7.96 | 37.42 | 0.14 | 0.08 | 0.00 | 45.47 | 36 |
| 2 | 9.04 | 13.80 | 12.29 | 8.09 | 38.32 | 0.14 | 0.06 | 0.00 | 42.14 | 36 |
| 3 | 9.54 | 14.20 | 12.61 | 8.24 | 39.23 | 0.22 | 0.00 | 0.00 | 42.31 | 35 |
| 4 | 9.83 | 14.37 | 12.73 | 8.34 | 40.19 | 0.06 | 0.00 | 0.00 | 44.46 | 37 |
| 5 | 10.15 | 14.45 | 12.52 | 8.33 | 42.21 | 0.05 | 0.03 | 0.00 | 45.87 | 36 |
| 6 | 10.20 | 14.65 | 13.18 | 8.50 | 43.63 | 0.00 | 0.00 | 0.00 | 46.12 | 37 |
| 7 | 10.53 | 15.42 | 13.74 | 8.36 | 45.54 | 0.08 | 0.00 | 0.00 | 48.57 | 37 |
| 8 | 10.57 | 15.42 | 13.75 | 8.07 | 45.61 | 0.08 | 0.03 | 0.00 | 48.47 | 37 |
| 9 | 11.05 | 15.51 | 13.91 | 8.78 | 44.81 | 0.08 | 0.08 | 0.00 | 47.90 | 37 |
| 10 | 11.45 | 15.55 | 14.01 | 7.78 | 43.72 | 0.19 | 0.08 | 0.00 | 47.65 | 37 |
| 11 | 11.55 | 15.65 | 14.11 | 7.11 | 41.34 | 0.41 | 0.22 | 0.00 | 46.00 | 37 |
| 12 | 11.57 | 15.67 | 14.13 | 5.34 | 35.07 | 0.95 | 0.00 | 0.00 | 46.55 | 37 |
| 13 | 11.57 | 15.37 | 13.91 | 5.96 | 33.41 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 14 | 11.74 | 15.37 | 13.91 | 5.05 | 33.41 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 15 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 16 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 17 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 18 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 19 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 20 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 21 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 22 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 23 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 24 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 25 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 26 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 27 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 28 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 29 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 30 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 31 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 32 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 33 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 34 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 35 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 36 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |
| 37 | 11.74 | 15.37 | 13.91 | 5.15 | 34.13 | 0.95 | 0.00 | 0.00 | 47.91 | 37 |

ESTACION SANATORIO DURAN ANALISIS FRECUENCIAL DE LLUVIAS

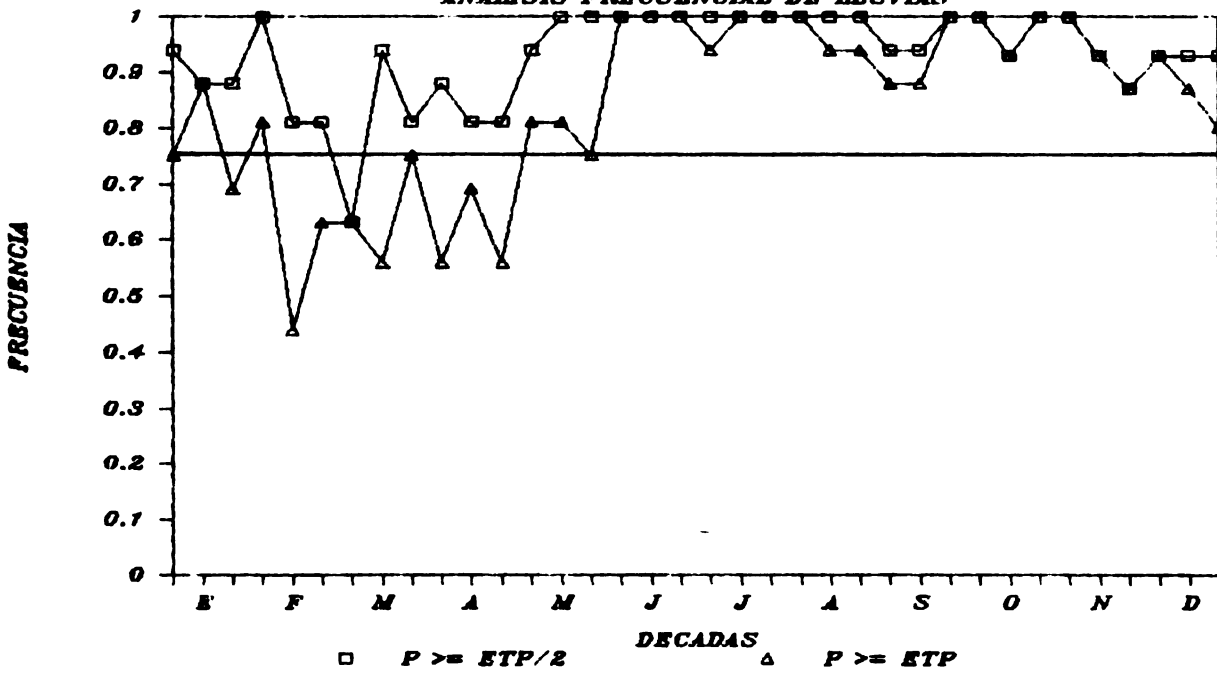


DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LOS DIAMANTES
 CLDICC 73C13 LAT 10 13 LONG 83 46 ALT 249
 NUMERO DE AÑOS ANALIZADOS 16

| LEADA | AMPLITUD | F. DIURNA | I. DIARIA | INSU | ETP | PI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 5.47 | 24.13 | 22.59 | 4.59 | 32.59 | 0.94 | 0.75 | 0.56 | 307.44 | 16 |
| 2 | 5.63 | 24.36 | 22.76 | 4.95 | 31.47 | 0.88 | 0.69 | 0.50 | 297.05 | 16 |
| 3 | 9.83 | 24.35 | 22.94 | 4.32 | 35.15 | 1.00 | 0.81 | 0.58 | 331.15 | 16 |
| 4 | 10.21 | 24.45 | 22.75 | 5.06 | 37.31 | 0.81 | 0.44 | 0.25 | 315.51 | 16 |
| 5 | 10.54 | 24.33 | 22.64 | 4.80 | 34.69 | 0.63 | 0.63 | 0.19 | 326.46 | 16 |
| 6 | 5.63 | 25.33 | 23.58 | 4.70 | 38.53 | 0.94 | 0.56 | 0.00 | 355.85 | 16 |
| 7 | 5.35 | 25.37 | 23.78 | 3.80 | 35.91 | 0.81 | 0.75 | 0.19 | 332.53 | 16 |
| 8 | 9.00 | 25.40 | 23.84 | 4.97 | 40.30 | 0.88 | 0.56 | 0.00 | 374.45 | 16 |
| 9 | 9.87 | 25.50 | 24.09 | 4.33 | 38.91 | 0.81 | 0.69 | 0.00 | 352.00 | 16 |
| 10 | 5.54 | 26.01 | 24.36 | 5.87 | 43.76 | 0.81 | 0.56 | 0.44 | 352.45 | 16 |
| 11 | 5.49 | 26.46 | 24.90 | 5.77 | 42.06 | 1.00 | 0.81 | 0.00 | 384.81 | 16 |
| 12 | 8.80 | 26.46 | 25.19 | 4.56 | 39.47 | 1.00 | 0.75 | 0.00 | 351.00 | 16 |
| 13 | 8.61 | 26.11 | 25.58 | 3.51 | 38.47 | 1.00 | 1.00 | 0.00 | 314.52 | 15 |
| 14 | 9.06 | 25.54 | 24.47 | 3.33 | 33.22 | 1.00 | 1.00 | 0.00 | 317.35 | 15 |
| 15 | 9.52 | 25.63 | 24.52 | 2.81 | 32.17 | 1.00 | 1.00 | 0.00 | 291.15 | 16 |
| 16 | 7.84 | 25.68 | 24.36 | 2.79 | 31.14 | 1.00 | 1.00 | 0.00 | 290.51 | 15 |
| 17 | 8.02 | 25.45 | 24.13 | 3.69 | 34.79 | 1.00 | 1.00 | 0.00 | 322.51 | 15 |
| 18 | 8.55 | 25.30 | 23.67 | 3.57 | 34.36 | 1.00 | 1.00 | 0.00 | 322.02 | 15 |
| 19 | 8.67 | 25.57 | 24.41 | 4.95 | 36.82 | 1.00 | 1.00 | 0.00 | 346.02 | 16 |
| 20 | 8.57 | 25.46 | 24.41 | 4.94 | 39.59 | 0.94 | 0.94 | 0.00 | 364.65 | 16 |
| 21 | 8.51 | 25.55 | 24.01 | 3.94 | 36.08 | 1.00 | 1.00 | 0.00 | 334.45 | 16 |
| 22 | 9.11 | 25.63 | 24.10 | 3.96 | 35.90 | 1.00 | 1.00 | 0.00 | 332.32 | 16 |
| 23 | 8.55 | 25.51 | 24.38 | 3.82 | 37.51 | 1.00 | 1.00 | 0.00 | 318.15 | 14 |
| 24 | 8.94 | 25.83 | 24.33 | 4.88 | 34.86 | 1.00 | 1.00 | 0.00 | 322.32 | 14 |
| 25 | 8.28 | 25.83 | 24.03 | 4.15 | 36.61 | 1.00 | 1.00 | 0.00 | 327.85 | 14 |
| 26 | 9.45 | 25.53 | 24.01 | 5.02 | 35.20 | 0.87 | 0.93 | 0.00 | 332.02 | 14 |
| 27 | 9.49 | 25.28 | 23.91 | 5.83 | 37.25 | 0.93 | 0.93 | 0.00 | 345.37 | 15 |
| 28 | 9.79 | 25.45 | 23.29 | 5.98 | 30.63 | 0.93 | 0.93 | 0.00 | 325.02 | 15 |
| 29 | 9.59 | 24.05 | 22.47 | 4.53 | 31.68 | 1.00 | 1.00 | 0.00 | 346.02 | 14 |
| 30 | 9.59 | 24.30 | 22.70 | 4.76 | 32.98 | 1.00 | 1.00 | 0.00 | 310.02 | 14 |

ESTACION LOS DIAMANTES

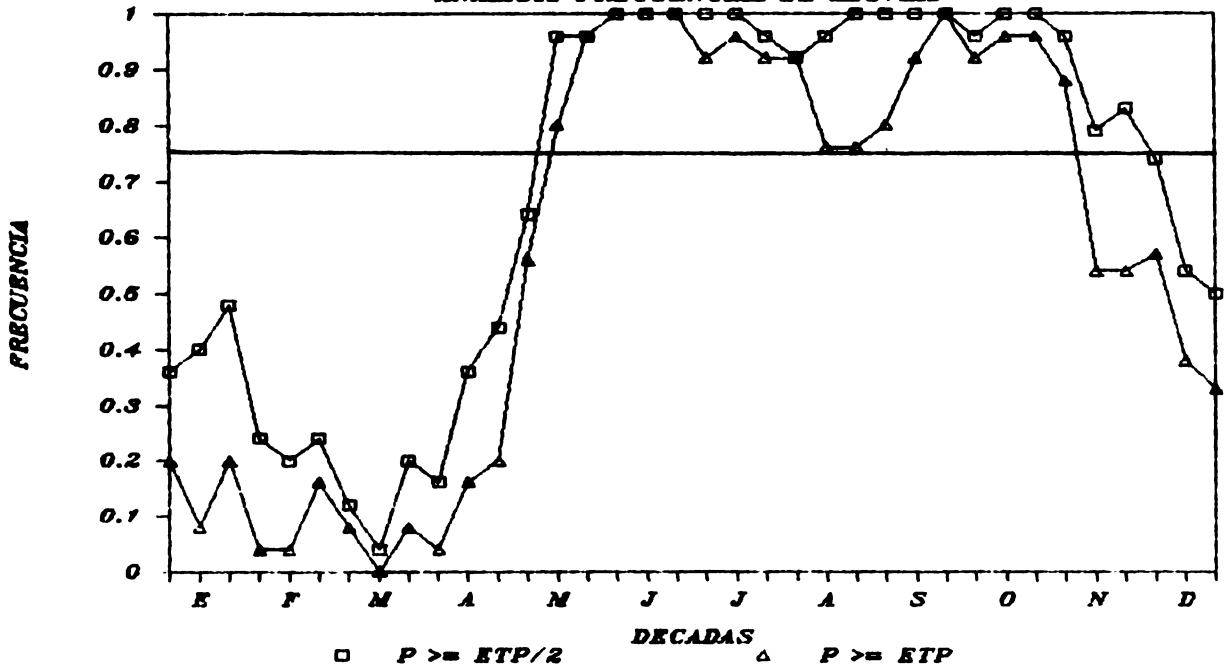
ANALISIS FRECUENCIAL DE LLUVIAS



CASOS DE INCLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LA MARUJA
 CODIGO 73015 LAT 9 47 LONG 83 51 ALT 1100
 NUMERO DE AÑOS ANALIZADOS 26

| DECAE | AMPLITUD | T. DIURNA | T. DIARIA | INNO | ETP | PI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 5.80 | 20.43 | 18.80 | 7.51 | 39.74 | 0.36 | 0.20 | 0.00 | 395.68 | 2 |
| 2 | 5.61 | 20.52 | 18.72 | 7.58 | 40.81 | 0.40 | 0.28 | 0.00 | 405.48 | 2 |
| 3 | 10.12 | 20.63 | 18.55 | 7.27 | 40.54 | 0.24 | 0.20 | 0.00 | 404.42 | 2 |
| 4 | 10.31 | 20.62 | 18.90 | 7.70 | 44.19 | 0.20 | 0.04 | 0.00 | 438.02 | 2 |
| 5 | 10.42 | 21.48 | 19.47 | 7.48 | 44.56 | 0.24 | 0.16 | 0.00 | 461.25 | 2 |
| 6 | 10.28 | 21.41 | 19.75 | 7.87 | 46.95 | 0.12 | 0.08 | 0.00 | 478.47 | 2 |
| 7 | 10.20 | 21.71 | 19.47 | 7.71 | 47.86 | 0.04 | 0.04 | 0.00 | 465.47 | 2 |
| 8 | 15.09 | 21.81 | 20.01 | 7.46 | 48.46 | 0.16 | 0.08 | 0.00 | 472.25 | 2 |
| 9 | 15.07 | 21.81 | 20.24 | 7.02 | 47.03 | 0.36 | 0.16 | 0.00 | 457.33 | 2 |
| 10 | 15.07 | 22.33 | 20.44 | 6.44 | 45.42 | 0.44 | 0.04 | 0.00 | 440.47 | 2 |
| 11 | 5.63 | 22.41 | 20.64 | 6.44 | 43.79 | 0.64 | 0.56 | 0.00 | 418.41 | 2 |
| 12 | 5.35 | 22.41 | 20.82 | 4.86 | 37.53 | 0.96 | 0.56 | 0.00 | 362.31 | 2 |
| 13 | 5.35 | 22.41 | 20.60 | 4.43 | 35.79 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 14 | 5.35 | 22.41 | 20.54 | 4.47 | 35.57 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 15 | 5.35 | 22.41 | 20.31 | 4.59 | 35.69 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 16 | 5.35 | 22.41 | 20.31 | 4.61 | 35.57 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 17 | 5.35 | 22.41 | 20.31 | 4.80 | 35.69 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 18 | 5.35 | 22.41 | 20.31 | 4.99 | 35.23 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 19 | 5.35 | 22.41 | 20.31 | 4.99 | 36.23 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 20 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 21 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 22 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 23 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 24 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 25 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 26 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 27 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 28 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 29 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 30 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 31 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 32 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 33 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 34 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 35 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 36 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 37 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 38 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 39 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 40 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 41 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 42 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 43 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 44 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 45 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 46 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 47 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 48 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 49 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |
| 50 | 5.35 | 22.41 | 20.31 | 4.99 | 37.41 | 1.00 | 1.00 | 0.00 | 345.45 | 2 |

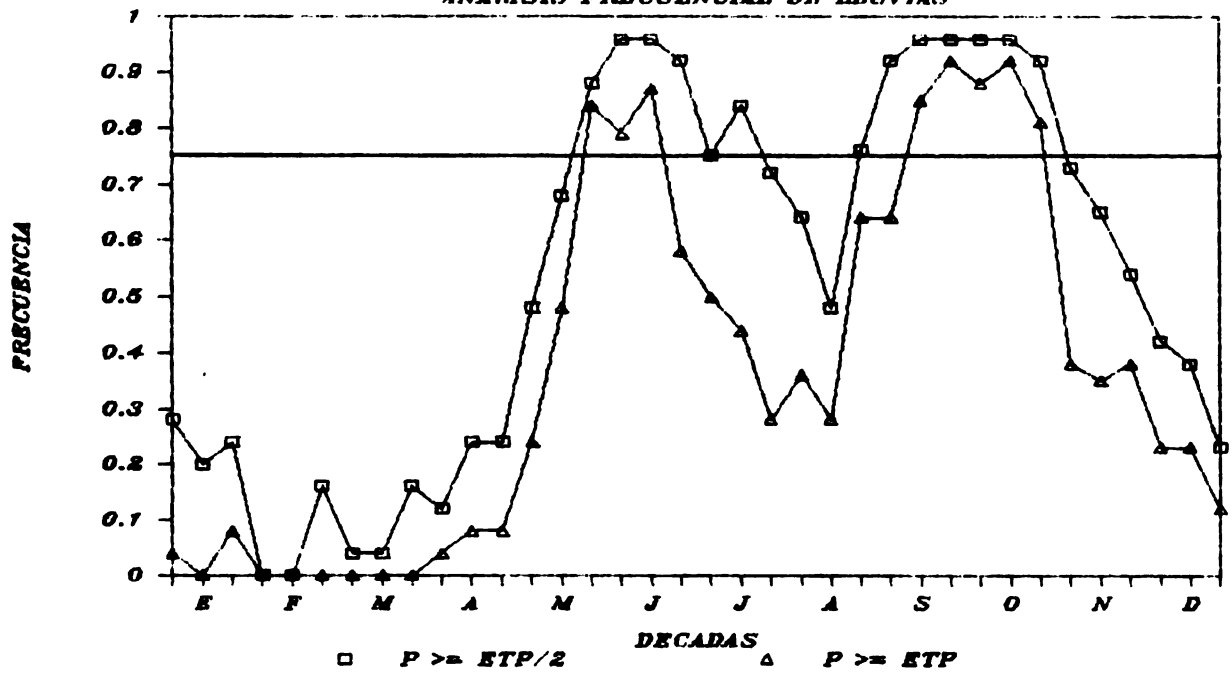
ESTACION LA MARUJA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 EIP, Y 2*ETP. PARA LA ESTACION EL GUARCC, LINDA V.
 CDDIGC 73018 LAT 9 50 LCNG 83 58 ALT 1400
 NUMERO DE AÑOS ANALIZADOS 26

| CECADA | AMPLITUD | T. DIURNA | 1. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|-------|----|
| 1 | 9.55 | 18.75 | 17.16 | 7.79 | 33.77 | 0.28 | C.C4 | 0.0 | 404.5 | 55 |
| 2 | 9.40 | 18.66 | 17.07 | 7.98 | 40.93 | 0.20 | C.C8 | 0.0 | 417.8 | 52 |
| 3 | 10.13 | 15.61 | 17.92 | 7.67 | 41.49 | 0.24 | 0.0 | 0.0 | 416.2 | 52 |
| 4 | 10.38 | 15.59 | 18.27 | 8.34 | 44.38 | 0.0 | 0.0 | 0.0 | 446.2 | 57 |
| 5 | 12.58 | 15.51 | 18.61 | 8.08 | 45.86 | 0.16 | 0.0 | 0.0 | 458.1 | 44 |
| 6 | 11.60 | 15.70 | 18.08 | 8.31 | 45.95 | 0.04 | 0.0 | 0.0 | 460.1 | 44 |
| 7 | 11.94 | 15.01 | 18.48 | 8.46 | 47.43 | 0.16 | 0.0 | 0.0 | 467.1 | 44 |
| 8 | 11.56 | 15.38 | 18.48 | 8.26 | 48.88 | 0.04 | 0.0 | 0.0 | 484.3 | 44 |
| 9 | 11.40 | 15.35 | 18.09 | 8.02 | 47.63 | 0.24 | 0.0 | 0.0 | 477.3 | 30 |
| 10 | 11.81 | 15.16 | 18.15 | 7.65 | 47.60 | 0.48 | 0.0 | 0.0 | 462.0 | 32 |
| 11 | 10.86 | 15.64 | 18.87 | 6.53 | 43.14 | 0.88 | 0.24 | 0.0 | 421.4 | 32 |
| 12 | 11.56 | 15.50 | 19.60 | 5.51 | 39.59 | 0.88 | 0.48 | 0.0 | 384.4 | 18 |
| 13 | 11.65 | 15.04 | 19.23 | 4.67 | 36.21 | 0.96 | 0.88 | 0.0 | 352.0 | 18 |
| 14 | 11.42 | 15.00 | 19.43 | 4.31 | 35.76 | 0.96 | 0.88 | 0.0 | 352.0 | 18 |
| 15 | 11.65 | 15.23 | 19.58 | 5.81 | 37.31 | 0.92 | 0.88 | 0.0 | 376.4 | 18 |
| 16 | 11.94 | 15.41 | 19.72 | 6.21 | 39.72 | 0.75 | 0.88 | 0.0 | 355.0 | 18 |
| 17 | 10.53 | 15.55 | 19.54 | 6.54 | 40.81 | 0.84 | 0.88 | 0.0 | 355.0 | 18 |
| 18 | 9.53 | 15.52 | 19.37 | 6.31 | 42.29 | 0.72 | 0.88 | 0.0 | 355.0 | 18 |
| 19 | 9.70 | 15.55 | 19.55 | 6.58 | 42.48 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 20 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 21 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 22 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 23 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 24 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 25 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 26 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 27 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 28 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 29 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 30 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 31 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 32 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 33 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 34 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 35 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 36 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 37 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 38 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 39 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |
| 40 | 9.55 | 15.52 | 19.55 | 6.58 | 42.60 | 0.68 | 0.88 | 0.0 | 355.0 | 18 |

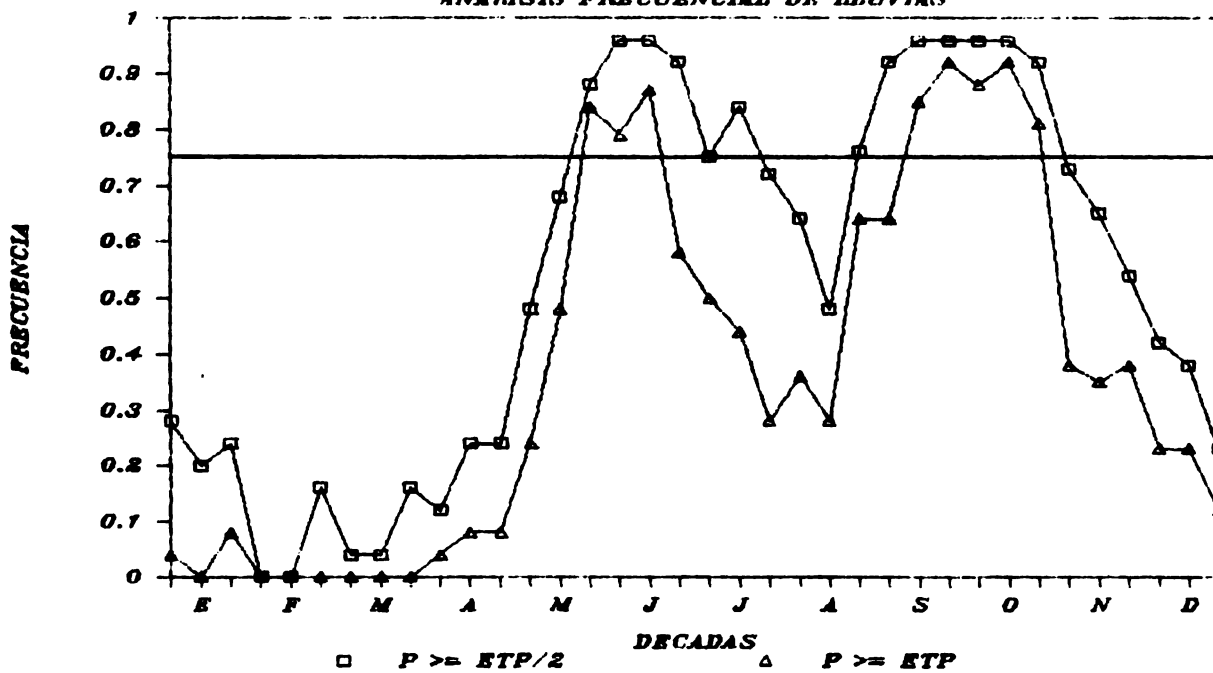
ESTACION EL GUARCO, LINDA V. ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 EIP, Y 2*ETP, PARA LA ESTACION EL GUARCC, LINDA V.
 CODIGC 73018 LAT 9 50 LCNG 83 58 ALT 1400
 NUMERO DE AÑOS ANALIZADOS 26

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 9.55 | 18.75 | 17.16 | 7.79 | 39.77 | 0.28 | C.C4 | 0.0 | 404.87 | 55 |
| 2 | 9.40 | 18.66 | 17.07 | 7.98 | 40.93 | 0.20 | C.C8 | 0.0 | 417.88 | 22 |
| 3 | 10.23 | 19.61 | 17.92 | 7.67 | 41.49 | 0.24 | 0.0 | 0.0 | 416.22 | 22 |
| 4 | 10.76 | 19.59 | 18.27 | 8.34 | 44.38 | 0.0 | 0.0 | 0.0 | 446.22 | 22 |
| 5 | 12.58 | 19.51 | 18.61 | 8.08 | 45.86 | 0.16 | 0.0 | 0.0 | 458.11 | 22 |
| 6 | 11.94 | 19.50 | 18.51 | 8.31 | 45.83 | 0.04 | 0.0 | 0.0 | 450.14 | 22 |
| 7 | 11.60 | 20.01 | 18.48 | 8.46 | 47.95 | 0.04 | 0.0 | 0.0 | 476.14 | 22 |
| 8 | 11.41 | 21.38 | 18.48 | 8.26 | 48.88 | 0.16 | 0.0 | 0.0 | 487.14 | 22 |
| 9 | 11.20 | 21.95 | 18.48 | 8.02 | 48.71 | 0.12 | 0.0 | 0.0 | 487.33 | 22 |
| 10 | 11.81 | 22.11 | 19.09 | 8.62 | 47.60 | 0.24 | 0.0 | 0.0 | 477.33 | 22 |
| 11 | 11.86 | 22.16 | 19.09 | 7.65 | 47.60 | 0.24 | 0.0 | 0.0 | 462.23 | 22 |
| 12 | 11.56 | 22.16 | 19.09 | 6.53 | 43.59 | 0.48 | 0.0 | 0.0 | 421.41 | 22 |
| 13 | 11.42 | 22.50 | 19.60 | 6.51 | 43.59 | 0.48 | 0.0 | 0.0 | 384.41 | 22 |
| 14 | 11.94 | 21.00 | 19.60 | 4.99 | 39.21 | 0.88 | 0.0 | 0.0 | 352.47 | 22 |
| 15 | 11.43 | 21.34 | 19.23 | 5.83 | 35.76 | 0.96 | 0.0 | 0.0 | 336.21 | 22 |
| 16 | 10.59 | 21.21 | 19.58 | 6.31 | 39.31 | 0.75 | 0.0 | 0.0 | 356.21 | 22 |
| 17 | 10.39 | 21.41 | 19.68 | 5.83 | 37.76 | 0.92 | 0.0 | 0.0 | 355.25 | 22 |
| 18 | 10.53 | 21.65 | 19.57 | 6.21 | 40.81 | 0.84 | 0.0 | 0.0 | 418.25 | 22 |
| 19 | 9.55 | 21.00 | 19.55 | 6.59 | 42.48 | 0.72 | 0.0 | 0.0 | 415.25 | 22 |
| 20 | 9.10 | 21.45 | 19.55 | 6.58 | 39.83 | 0.48 | 0.0 | 0.0 | 418.25 | 22 |
| 21 | 11.48 | 21.21 | 19.21 | 5.04 | 37.64 | 0.76 | 0.0 | 0.0 | 335.47 | 22 |
| 22 | 11.82 | 21.95 | 19.21 | 5.63 | 39.64 | 0.92 | 0.0 | 0.0 | 335.47 | 22 |
| 23 | 11.35 | 21.50 | 19.61 | 4.90 | 35.18 | 0.96 | 0.0 | 0.0 | 335.47 | 22 |
| 24 | 10.25 | 21.32 | 19.59 | 4.30 | 36.70 | 0.96 | 0.0 | 0.0 | 335.47 | 22 |
| 25 | 10.31 | 21.14 | 19.55 | 4.59 | 35.08 | 0.96 | 0.0 | 0.0 | 335.47 | 22 |
| 26 | 10.16 | 21.45 | 19.48 | 5.22 | 36.37 | 0.92 | 0.0 | 0.0 | 335.47 | 22 |
| 27 | 10.25 | 20.37 | 18.80 | 6.74 | 38.26 | 0.65 | 0.0 | 0.0 | 335.47 | 22 |
| 28 | 10.25 | 20.37 | 18.65 | 6.34 | 37.19 | 0.54 | 0.0 | 0.0 | 335.47 | 22 |
| 29 | 10.25 | 20.37 | 18.72 | 7.32 | 39.20 | 0.42 | 0.0 | 0.0 | 335.47 | 22 |
| 30 | 10.25 | 20.37 | 18.01 | 7.32 | 35.08 | 0.38 | 0.0 | 0.0 | 335.47 | 22 |
| 31 | 10.25 | 19.41 | 17.57 | 7.50 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 32 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 33 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 34 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 35 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 36 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |
| 37 | 10.25 | 19.41 | 17.57 | 7.93 | 40.24 | 0.21 | 0.0 | 0.0 | 335.47 | 22 |

ESTACION EL GUARCO, LINDA V. ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

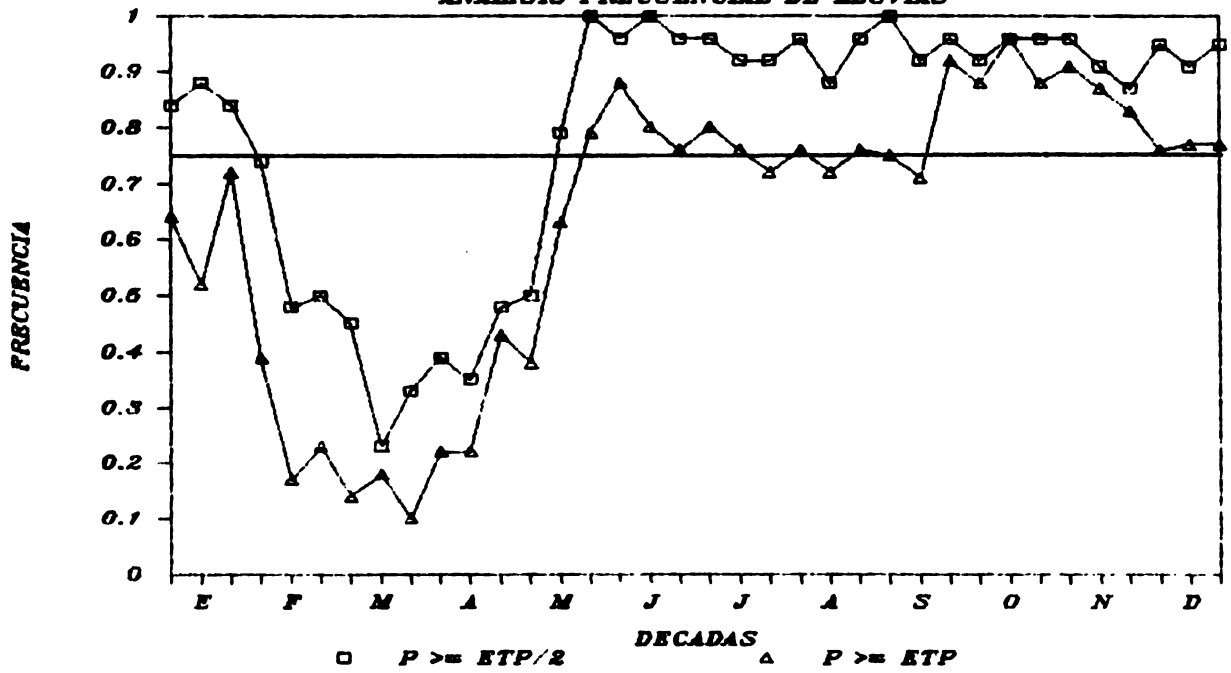
ETP, Y 2*ETP, PARA LA ESTACION PACAYAS

CWIGG 73C22 LAT 9 55 LCG 83 49 ALT 1735

NUMERO DE AÑOS ANALIZADOS 25

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-----|----|
| 1 | 10.30 | 17.57 | 15.85 | 5.43 | 32.24 | 0.84 | 0.64 | 0.36 | 333 | 25 |
| 2 | 10.50 | 17.45 | 15.65 | 5.55 | 33.78 | 0.84 | 0.52 | 0.32 | 355 | 22 |
| 3 | 10.80 | 17.50 | 15.70 | 6.69 | 38.13 | 0.74 | 0.39 | 0.44 | 355 | 22 |
| 4 | 11.10 | 17.80 | 15.75 | 7.26 | 40.89 | 0.48 | 0.17 | 0.04 | 423 | 22 |
| 5 | 11.40 | 17.50 | 15.60 | 7.82 | 40.54 | 0.50 | 0.23 | 0.05 | 419 | 22 |
| 6 | 11.70 | 17.80 | 16.25 | 7.53 | 44.40 | 0.45 | 0.18 | 0.05 | 455 | 22 |
| 7 | 11.50 | 18.00 | 16.50 | 7.44 | 44.59 | 0.33 | 0.10 | 0.04 | 456 | 23 |
| 8 | 11.00 | 18.30 | 16.80 | 6.95 | 43.13 | 0.39 | 0.22 | 0.04 | 441 | 23 |
| 9 | 11.00 | 18.60 | 16.55 | 6.91 | 41.08 | 0.35 | 0.23 | 0.04 | 439 | 23 |
| 10 | 11.00 | 18.70 | 17.00 | 6.40 | 41.51 | 0.48 | 0.43 | 0.09 | 420 | 23 |
| 11 | 11.00 | 18.80 | 17.25 | 6.66 | 41.85 | 0.50 | 0.38 | 0.08 | 425 | 23 |
| 12 | 11.00 | 19.00 | 17.30 | 5.46 | 37.74 | 0.59 | 0.67 | 0.38 | 382 | 24 |
| 13 | 11.00 | 19.00 | 17.40 | 5.30 | 36.94 | 1.00 | 0.00 | 0.00 | 374 | 24 |
| 14 | 11.00 | 19.20 | 17.60 | 4.87 | 34.65 | 1.00 | 0.88 | 0.40 | 351 | 24 |
| 15 | 11.00 | 19.20 | 17.50 | 5.22 | 36.27 | 0.96 | 0.76 | 0.40 | 370 | 25 |
| 16 | 11.00 | 19.10 | 17.50 | 5.11 | 36.00 | 0.96 | 0.50 | 0.34 | 364 | 25 |
| 17 | 11.00 | 19.10 | 17.40 | 5.56 | 37.53 | 0.92 | 0.72 | 0.40 | 380 | 25 |
| 18 | 11.00 | 19.00 | 17.35 | 5.34 | 37.03 | 0.92 | 0.72 | 0.40 | 375 | 25 |
| 19 | 11.00 | 19.00 | 17.30 | 5.29 | 38.56 | 0.96 | 0.72 | 0.40 | 387 | 25 |
| 20 | 11.00 | 19.00 | 17.30 | 5.65 | 38.35 | 0.88 | 0.75 | 0.40 | 350 | 25 |
| 21 | 11.00 | 19.00 | 17.30 | 5.35 | 38.58 | 0.96 | 0.75 | 0.40 | 382 | 25 |
| 22 | 11.00 | 19.00 | 17.45 | 5.52 | 38.35 | 1.00 | 0.71 | 0.40 | 387 | 25 |
| 23 | 11.00 | 19.00 | 17.40 | 4.74 | 35.49 | 0.92 | 0.92 | 0.37 | 355 | 25 |
| 24 | 11.00 | 19.00 | 17.30 | 4.61 | 35.57 | 0.92 | 0.88 | 0.37 | 355 | 25 |
| 25 | 11.00 | 19.00 | 16.90 | 4.96 | 33.80 | 0.96 | 0.88 | 0.37 | 350 | 25 |
| 26 | 11.00 | 19.00 | 16.90 | 4.93 | 33.56 | 0.96 | 0.88 | 0.37 | 382 | 25 |
| 27 | 11.00 | 19.00 | 16.55 | 4.97 | 31.72 | 0.91 | 0.51 | 0.25 | 344 | 25 |
| 28 | 11.00 | 19.00 | 16.35 | 4.78 | 33.36 | 0.91 | 0.43 | 0.25 | 344 | 25 |
| 29 | 11.00 | 19.00 | 16.30 | 4.93 | 30.61 | 0.95 | 0.77 | 0.37 | 344 | 25 |
| 30 | 11.00 | 19.00 | 16.05 | 4.72 | 30.86 | 0.95 | 0.77 | 0.37 | 315 | 25 |
| 31 | 11.00 | 19.00 | 15.90 | 4.73 | 32.91 | 0.70 | 0.57 | 0.33 | 315 | 25 |
| 32 | 11.00 | 19.00 | 15.90 | 5.73 | 32.91 | 0.70 | 0.57 | 0.33 | 340 | 25 |

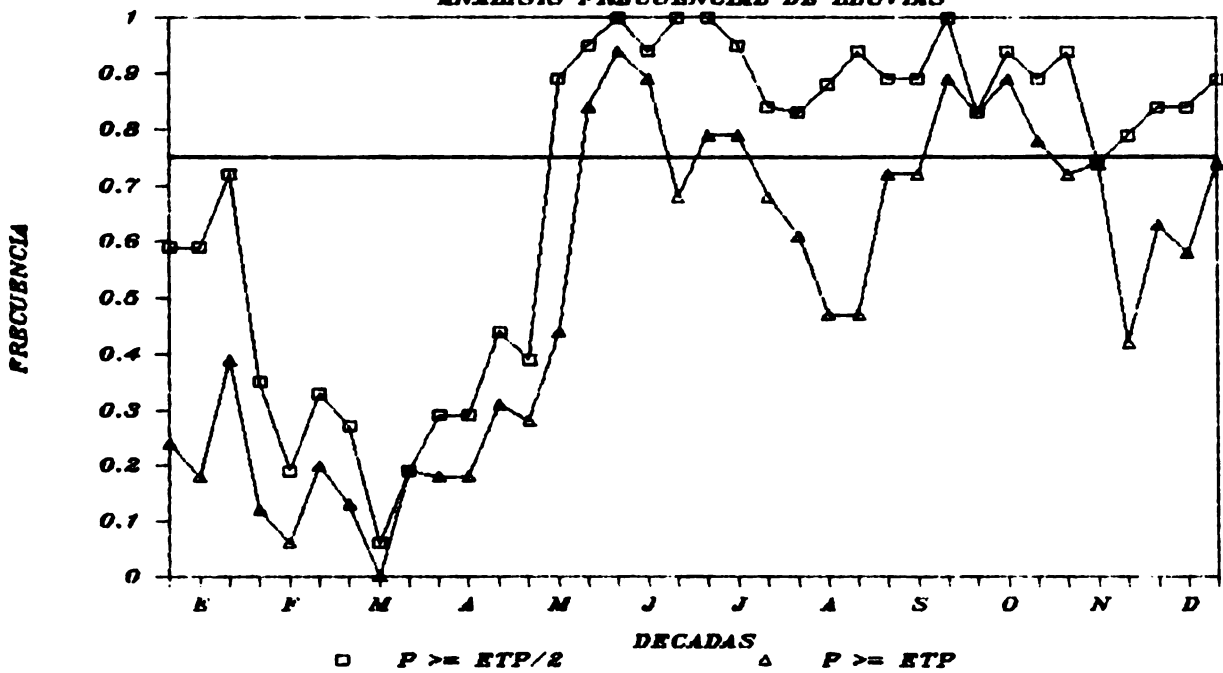
ESTACION PACAYAS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNA Y CIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION PARAISO CE CARTAGO
 CCJIGC 73C24 LAT 9 50 LONG 83 52 ALT 1380
 NUMERO DE AÑOS ANALIZADOS 20

| LEGA | AMPLITUD | T. DIURNA | T. CIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 9.62 | 18.56 | 17.37 | 6.85 | 37.13 | 0.59 | 0.24 | 0.16 | 376.84 | 17 |
| 2 | 9.44 | 18.82 | 17.49 | 6.19 | 38.29 | 0.72 | 0.18 | 0.06 | 390.54 | 18 |
| 3 | 10.01 | 19.16 | 17.51 | 7.51 | 38.29 | 0.72 | 0.35 | 0.06 | 367.54 | 18 |
| 4 | 10.36 | 19.20 | 17.50 | 7.77 | 41.55 | 0.19 | 0.06 | 0.07 | 440.42 | 16 |
| 5 | 10.35 | 19.41 | 17.69 | 7.26 | 42.93 | 0.37 | 0.20 | 0.07 | 432.42 | 16 |
| 6 | 10.35 | 19.80 | 17.65 | 7.61 | 45.94 | 0.06 | 0.10 | 0.06 | 452.42 | 16 |
| 7 | 10.16 | 20.24 | 18.34 | 7.56 | 46.27 | 0.19 | 0.00 | 0.06 | 460.50 | 16 |
| 8 | 10.16 | 20.44 | 18.56 | 7.20 | 45.17 | 0.29 | 0.19 | 0.06 | 458.50 | 16 |
| 9 | 9.90 | 20.61 | 18.81 | 7.48 | 46.15 | 0.44 | 0.18 | 0.06 | 458.50 | 16 |
| 10 | 9.68 | 20.67 | 18.96 | 7.06 | 44.06 | 0.39 | 0.31 | 0.06 | 442.75 | 16 |
| 11 | 9.48 | 20.66 | 19.16 | 6.96 | 44.55 | 0.85 | 0.28 | 0.06 | 435.00 | 16 |
| 12 | 9.15 | 20.82 | 19.30 | 5.70 | 39.55 | 0.55 | 0.44 | 0.06 | 390.71 | 16 |
| 13 | 8.43 | 20.62 | 19.10 | 5.10 | 37.24 | 0.94 | 0.84 | 0.06 | 362.71 | 16 |
| 14 | 8.28 | 20.50 | 19.14 | 5.43 | 37.61 | 1.00 | 0.89 | 0.06 | 362.71 | 16 |
| 15 | 8.28 | 20.50 | 19.14 | 5.39 | 37.39 | 1.00 | 0.68 | 0.06 | 374.00 | 16 |
| 16 | 8.28 | 20.28 | 18.83 | 5.29 | 37.19 | 1.00 | 0.79 | 0.06 | 375.00 | 16 |
| 17 | 8.28 | 20.28 | 18.51 | 5.55 | 38.75 | 0.54 | 0.68 | 0.06 | 375.00 | 16 |
| 18 | 8.28 | 20.28 | 18.51 | 5.70 | 38.75 | 0.83 | 0.68 | 0.06 | 375.00 | 16 |
| 19 | 8.28 | 20.28 | 18.51 | 5.74 | 39.09 | 0.88 | 0.61 | 0.06 | 375.00 | 16 |
| 20 | 8.28 | 20.28 | 18.82 | 5.77 | 39.54 | 0.94 | 0.47 | 0.06 | 354.00 | 16 |
| 21 | 8.28 | 20.28 | 18.82 | 5.77 | 39.54 | 0.89 | 0.47 | 0.06 | 354.00 | 16 |
| 22 | 8.28 | 20.28 | 18.82 | 5.26 | 39.66 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 23 | 8.28 | 20.28 | 18.86 | 5.12 | 37.62 | 1.00 | 0.72 | 0.06 | 354.00 | 16 |
| 24 | 8.28 | 20.28 | 18.86 | 5.05 | 37.19 | 0.83 | 0.89 | 0.06 | 354.00 | 16 |
| 25 | 8.28 | 20.28 | 18.86 | 5.22 | 35.07 | 0.83 | 0.83 | 0.06 | 354.00 | 16 |
| 26 | 8.28 | 20.28 | 18.86 | 5.73 | 35.24 | 0.94 | 0.83 | 0.06 | 354.00 | 16 |
| 27 | 8.28 | 20.28 | 18.70 | 5.36 | 35.45 | 0.89 | 0.78 | 0.06 | 354.00 | 16 |
| 28 | 8.28 | 20.28 | 18.57 | 5.09 | 35.24 | 0.94 | 0.72 | 0.06 | 354.00 | 16 |
| 29 | 8.28 | 20.28 | 18.30 | 5.36 | 35.45 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 30 | 8.28 | 20.28 | 18.30 | 5.09 | 35.24 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 31 | 8.28 | 20.28 | 18.30 | 5.36 | 35.45 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 32 | 8.28 | 20.28 | 18.30 | 5.09 | 35.24 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 33 | 8.28 | 20.28 | 18.30 | 5.36 | 35.45 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 34 | 8.28 | 20.28 | 18.30 | 5.09 | 35.24 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 35 | 8.28 | 20.28 | 18.30 | 5.36 | 35.45 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 36 | 8.28 | 20.28 | 18.30 | 5.09 | 35.24 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |
| 37 | 8.28 | 20.28 | 18.30 | 5.36 | 35.45 | 0.89 | 0.72 | 0.06 | 354.00 | 16 |

ESTACION PARAISO ANALISIS FRECUENCIAL DE LLUVIAS

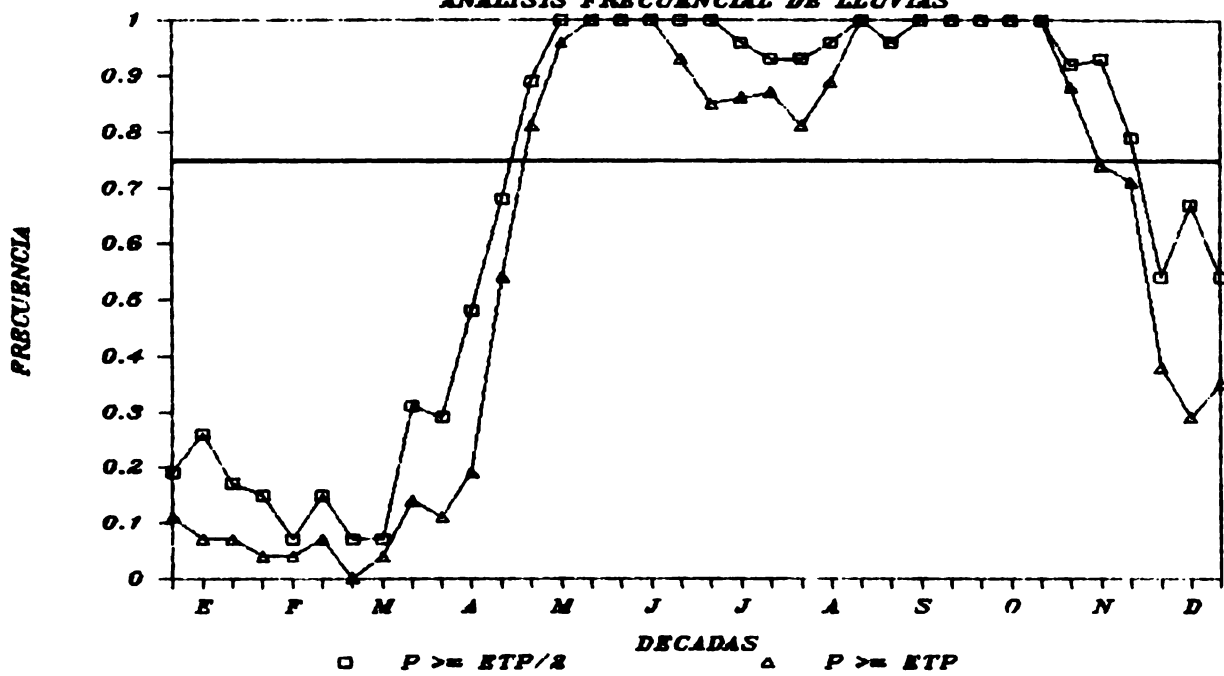


DA TOS DE INSOLACION, TEMPERATURAS CUERNA Y DIARIA, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

EIP, Y 2*ETP, PARA LA ESTACION VILLA MILLS
CCDIGU 73033 LAT 9 34 LCNG 83 43 ALT 3000
NUMERO DE AÑOS ANALIZADOS 32

| DECADA | AMPLITUD | T. DIURNA | T. CIARIA | INSG | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 12.30 | 12.10 | 10.05 | 7.94 | 36.48 | 0.19 | 0.11 | C.C4 | 410.72 | 77 |
| 2 | 13.50 | 12.23 | 10.25 | 7.75 | 36.65 | 0.26 | 0.07 | C.C4 | 411.68 | 22 |
| 3 | 13.60 | 12.57 | 10.30 | 8.02 | 38.39 | 0.15 | 0.07 | C.C4 | 426.58 | 9 |
| 4 | 14.20 | 13.07 | 10.70 | 8.14 | 39.87 | 0.07 | 0.04 | C.C4 | 443.15 | 7 |
| 5 | 14.60 | 13.43 | 11.00 | 8.97 | 40.87 | 0.15 | 0.07 | C.C4 | 457.25 | 8 |
| 6 | 14.50 | 13.43 | 11.10 | 8.37 | 41.47 | 0.07 | 0.04 | C.C4 | 478.50 | 5 |
| 7 | 15.20 | 14.13 | 11.65 | 8.22 | 42.96 | 0.31 | 0.14 | C.C4 | 475.50 | 2 |
| 8 | 14.90 | 14.10 | 11.65 | 7.53 | 42.14 | 0.29 | 0.11 | C.C4 | 451.61 | 5 |
| 9 | 14.70 | 14.10 | 11.75 | 7.26 | 41.62 | 0.48 | 0.19 | C.C4 | 445.41 | 7 |
| 10 | 13.10 | 13.87 | 11.60 | 7.07 | 40.75 | 0.68 | 0.54 | C.C4 | 405.21 | 2 |
| 11 | 12.00 | 13.77 | 11.60 | 5.97 | 37.02 | 0.89 | 0.81 | C.C4 | 365.41 | 7 |
| 12 | 11.70 | 13.40 | 11.45 | 4.84 | 31.30 | 1.00 | 0.56 | C.C4 | 345.41 | 8 |
| 13 | 11.50 | 13.37 | 11.45 | 4.28 | 31.16 | 1.00 | 0.56 | C.C4 | 345.41 | 0 |
| 14 | 11.50 | 13.30 | 11.40 | 4.21 | 30.63 | 1.00 | 1.00 | C.C4 | 345.41 | 2 |
| 15 | 11.50 | 13.30 | 11.40 | 4.28 | 30.42 | 1.00 | 1.00 | C.C4 | 345.41 | 3 |
| 16 | 11.50 | 13.30 | 11.40 | 4.28 | 30.47 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 17 | 11.50 | 13.30 | 11.40 | 4.66 | 31.52 | 1.00 | 1.00 | C.C4 | 345.41 | 7 |
| 18 | 11.50 | 13.23 | 11.35 | 4.82 | 32.52 | 0.96 | 0.85 | C.C4 | 345.41 | 0 |
| 19 | 11.50 | 13.20 | 11.25 | 4.82 | 32.16 | 0.96 | 0.85 | C.C4 | 345.41 | 7 |
| 20 | 11.50 | 13.20 | 11.25 | 4.96 | 32.69 | 0.93 | 0.87 | C.C4 | 345.41 | 0 |
| 21 | 11.50 | 13.20 | 11.25 | 5.07 | 32.23 | 0.96 | 0.85 | C.C4 | 345.41 | 7 |
| 22 | 11.50 | 13.20 | 11.25 | 4.69 | 32.87 | 0.96 | 0.85 | C.C4 | 345.41 | 0 |
| 23 | 11.50 | 13.20 | 11.25 | 4.19 | 30.91 | 1.00 | 1.00 | C.C4 | 345.41 | 7 |
| 24 | 11.50 | 13.20 | 11.25 | 4.23 | 30.93 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 25 | 11.50 | 13.20 | 11.25 | 4.30 | 30.91 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 26 | 11.50 | 13.20 | 11.25 | 4.30 | 30.91 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 27 | 11.50 | 13.20 | 11.25 | 4.45 | 31.41 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 28 | 11.50 | 13.20 | 11.25 | 4.45 | 29.76 | 1.00 | 1.00 | C.C4 | 345.41 | 0 |
| 29 | 11.50 | 13.20 | 11.25 | 5.09 | 30.16 | 0.93 | 0.74 | C.C4 | 345.41 | 0 |
| 30 | 11.50 | 13.20 | 11.25 | 5.34 | 30.17 | 0.79 | 0.88 | C.C4 | 345.41 | 0 |
| 31 | 11.50 | 13.20 | 11.25 | 6.82 | 31.61 | 0.54 | 0.38 | C.C4 | 345.41 | 0 |
| 32 | 11.50 | 13.20 | 11.25 | 6.90 | 33.32 | 0.54 | 0.39 | C.C4 | 345.41 | 0 |
| 33 | 11.50 | 13.20 | 11.25 | 6.90 | 33.32 | 0.54 | 0.39 | C.C4 | 345.41 | 0 |
| 34 | 11.50 | 13.20 | 11.25 | 8.11 | 36.73 | 0.13 | 0.00 | C.C4 | 345.41 | 0 |

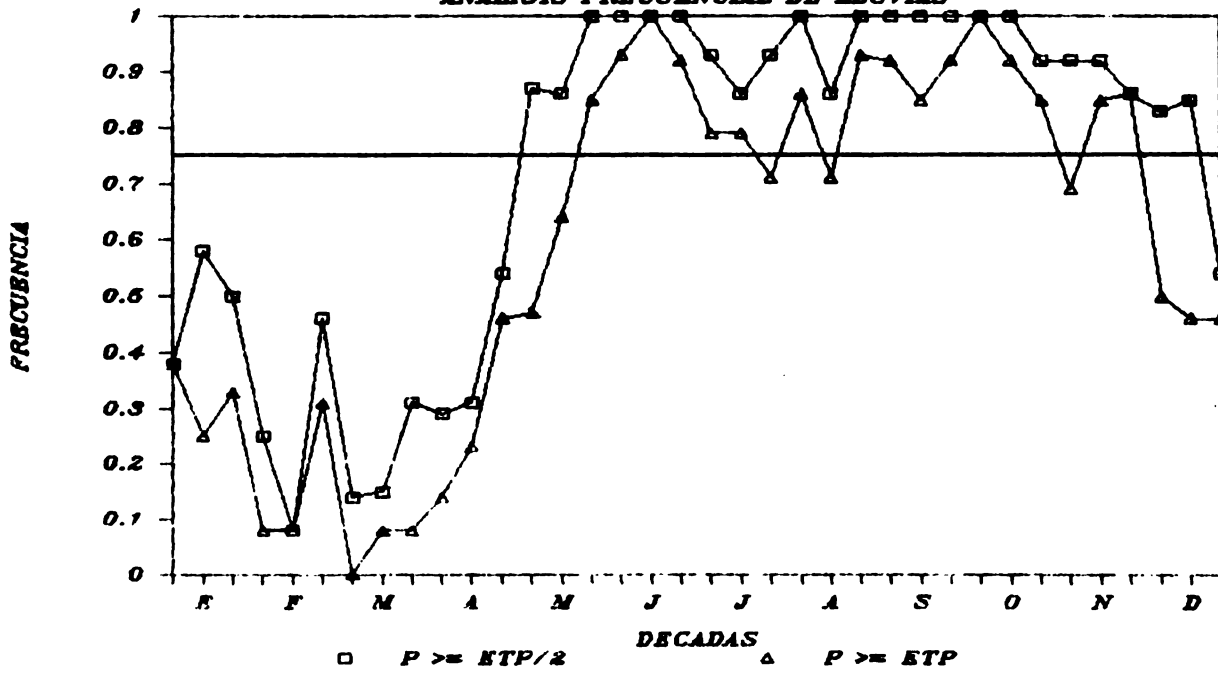
ESTACION VILLA MILLS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION IRAZU
 CODIGC 73CEI LAT 9 59 LONG 83 51 ALT 340C
 NUMERO DE AÑOS ANALIZADOS 15

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 7.37 | 8.75 | 7.52 | 7.03 | 32.08 | 0.38 | 0.38 | 0.15 | 381.25 | 13 |
| 2 | 6.92 | 8.48 | 7.51 | 6.56 | 31.29 | 0.50 | 0.25 | 0.25 | 373.55 | 12 |
| 3 | 7.68 | 8.57 | 7.48 | 7.57 | 36.41 | 0.25 | 0.08 | 0.08 | 412.52 | 13 |
| 4 | 7.68 | 8.57 | 7.48 | 7.97 | 40.59 | 0.08 | 0.08 | 0.08 | 478.46 | 13 |
| 5 | 7.68 | 8.57 | 7.48 | 7.90 | 38.24 | 0.08 | 0.08 | 0.08 | 453.75 | 13 |
| 6 | 7.68 | 8.57 | 7.48 | 8.35 | 41.38 | 0.15 | 0.08 | 0.08 | 470.25 | 13 |
| 7 | 7.68 | 8.57 | 7.48 | 7.91 | 40.74 | 0.31 | 0.08 | 0.08 | 472.23 | 13 |
| 8 | 7.68 | 8.57 | 7.48 | 7.39 | 39.02 | 0.29 | 0.08 | 0.08 | 456.43 | 13 |
| 9 | 7.68 | 8.57 | 7.48 | 5.81 | 34.40 | 0.31 | 0.23 | 0.08 | 402.41 | 13 |
| 10 | 7.68 | 8.57 | 7.48 | 5.27 | 35.25 | 0.47 | 0.45 | 0.08 | 415.50 | 13 |
| 11 | 7.68 | 8.57 | 7.48 | 5.16 | 32.61 | 0.86 | 0.44 | 0.08 | 476.66 | 14 |
| 12 | 7.68 | 8.57 | 7.48 | 4.15 | 28.84 | 1.00 | 0.85 | 0.08 | 377.81 | 14 |
| 13 | 7.68 | 8.57 | 7.48 | 3.61 | 26.98 | 1.00 | 0.93 | 0.08 | 377.83 | 14 |
| 14 | 7.68 | 8.57 | 7.48 | 3.23 | 25.18 | 1.00 | 1.00 | 0.08 | 377.83 | 14 |
| 15 | 7.68 | 8.57 | 7.48 | 3.02 | 24.54 | 1.00 | 0.79 | 0.08 | 377.83 | 14 |
| 16 | 7.68 | 8.57 | 7.48 | 3.27 | 25.49 | 0.86 | 0.75 | 0.08 | 377.83 | 14 |
| 17 | 7.68 | 8.57 | 7.48 | 3.27 | 28.01 | 0.90 | 0.71 | 0.08 | 377.83 | 14 |
| 18 | 7.68 | 8.57 | 7.48 | 3.69 | 27.68 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 19 | 7.68 | 8.57 | 7.48 | 3.81 | 29.04 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 20 | 7.68 | 8.57 | 7.48 | 4.20 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 21 | 7.68 | 8.57 | 7.48 | 4.33 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 22 | 7.68 | 8.57 | 7.48 | 4.34 | 28.77 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 23 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 24 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 25 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 26 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 27 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 28 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 29 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 30 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 31 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 32 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 33 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 34 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 35 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 36 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |
| 37 | 7.68 | 8.57 | 7.48 | 4.34 | 29.45 | 1.00 | 0.86 | 0.08 | 377.83 | 14 |

ESTACION IRAZU ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSCIACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

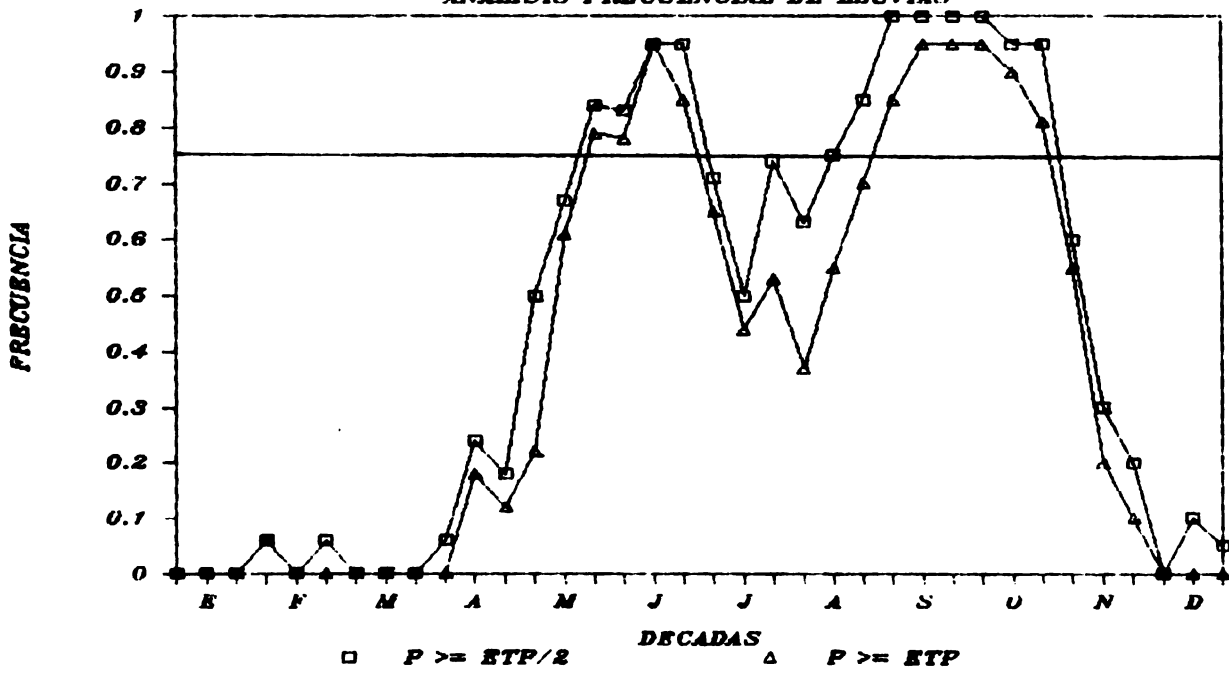
ETP, Y 2*ETP, PARA LA ESTACION FILADELFIA

CGIGC 74CC2 LAT 10 26 LONG 85 35 ALT 17

NUMERO DE AÑOS ANALIZADOS 22

| LEACA | AMPLITUD | T. DIURNA | T. NOCTURNA | ETP | INSD | P1 | P2 | P3 | GC | NU |
|-------|----------|-----------|-------------|-------|------|------|------|-----|--------|------|
| 1 | 11.45 | 28.84 | 26.53 | 49.19 | 8.95 | 0.0 | 0.0 | 0.0 | 436.33 | 0022 |
| 2 | 11.45 | 29.09 | 27.32 | 49.94 | 8.88 | 0.0 | 0.0 | 0.0 | 441.55 | 1188 |
| 3 | 11.26 | 29.16 | 27.79 | 51.50 | 8.95 | 0.06 | 0.06 | 0.0 | 444.34 | 1188 |
| 4 | 12.30 | 30.02 | 27.57 | 52.50 | 8.82 | 0.06 | 0.0 | 0.0 | 444.34 | 1188 |
| 5 | 12.20 | 30.63 | 28.61 | 55.31 | 8.90 | 0.0 | 0.0 | 0.0 | 444.34 | 1188 |
| 6 | 12.20 | 31.03 | 29.01 | 57.00 | 8.94 | 0.0 | 0.0 | 0.0 | 444.34 | 1188 |
| 7 | 12.20 | 31.13 | 29.00 | 58.20 | 8.86 | 0.0 | 0.0 | 0.0 | 444.34 | 1188 |
| 8 | 12.20 | 31.42 | 29.49 | 58.28 | 8.75 | 0.06 | 0.0 | 0.0 | 444.34 | 1188 |
| 9 | 11.83 | 31.49 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 10 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 11 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 12 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 13 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 14 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 15 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 16 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 17 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 18 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 19 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 20 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 21 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 22 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 23 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 24 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 25 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 26 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 27 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 28 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 29 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 30 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 31 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 32 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 33 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 34 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 35 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 36 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |
| 37 | 11.83 | 31.55 | 29.58 | 55.07 | 7.89 | 0.24 | 0.12 | 0.0 | 444.34 | 1188 |

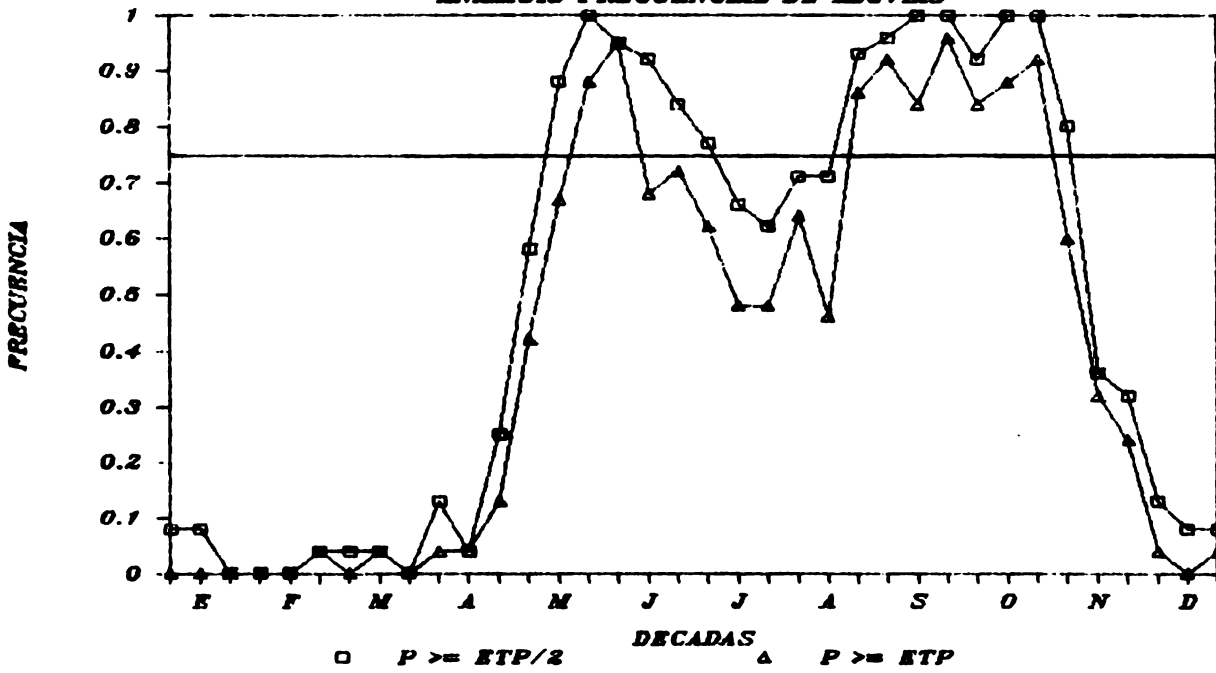
ESTACION FILADELFIA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIAFIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 EIP, Y 2*ETP, PARA LA ESTACION SANTA CRUZ, GUANACAST
 CCJIGC 74CG3 LAT 10 16 LONG 85 35 ALT 54
 NUMERO DE AÑOS ANALIZADOS 29

| EECALA | AMPLITUD | T. DIURNA | I. CIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 12.03 | 29.05 | 27.09 | 8.74 | 48.74 | 0.08 | 0.0 | 0.0 | 430.65 | 55 |
| 2 | 12.63 | 29.13 | 27.01 | 8.62 | 49.19 | 0.0 | 0.0 | 0.0 | 434.76 | 55 |
| 3 | 12.64 | 29.52 | 27.75 | 8.55 | 51.24 | 0.0 | 0.0 | 0.0 | 453.35 | 55 |
| 4 | 12.75 | 30.71 | 28.04 | 8.94 | 53.12 | 0.04 | 0.04 | 0.0 | 476.34 | 44 |
| 5 | 12.86 | 30.42 | 28.44 | 8.85 | 54.31 | 0.04 | 0.04 | 0.0 | 492.57 | 44 |
| 6 | 12.78 | 30.72 | 28.65 | 8.60 | 55.71 | 0.04 | 0.04 | 0.0 | 492.57 | 44 |
| 7 | 12.78 | 31.14 | 28.53 | 8.48 | 56.92 | 0.13 | 0.13 | 0.0 | 505.12 | 44 |
| 8 | 12.82 | 31.22 | 28.59 | 8.46 | 58.48 | 0.25 | 0.25 | 0.0 | 503.15 | 44 |
| 9 | 12.85 | 31.12 | 28.55 | 7.96 | 57.66 | 0.88 | 0.67 | 0.0 | 472.72 | 44 |
| 10 | 12.55 | 31.05 | 28.55 | 6.74 | 54.92 | 0.0 | 0.0 | 0.0 | 478.75 | 44 |
| 11 | 12.22 | 31.05 | 28.55 | 5.35 | 49.77 | 0.0 | 0.0 | 0.0 | 357.36 | 44 |
| 12 | 12.22 | 31.05 | 28.55 | 4.75 | 43.75 | 1.00 | 0.55 | 0.0 | 355.55 | 44 |
| 13 | 12.61 | 29.61 | 27.84 | 4.75 | 40.17 | 0.92 | 0.58 | 0.0 | 362.76 | 25 |
| 14 | 12.81 | 29.44 | 27.46 | 5.03 | 40.17 | 0.84 | 0.68 | 0.0 | 355.37 | 25 |
| 15 | 12.28 | 29.47 | 27.71 | 5.12 | 41.44 | 0.77 | 0.48 | 0.0 | 366.74 | 25 |
| 16 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 17 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 18 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 19 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 20 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 21 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 22 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 23 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 24 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 25 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 26 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 27 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 28 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 29 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 30 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 31 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 32 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 33 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 34 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 35 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 36 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 37 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 38 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 39 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 40 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 41 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 42 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 43 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 44 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 45 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 46 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 47 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 48 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 49 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 50 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 51 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 52 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 53 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 54 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |
| 55 | 12.28 | 29.47 | 27.62 | 5.12 | 44.06 | 0.62 | 0.40 | 0.0 | 366.74 | 25 |

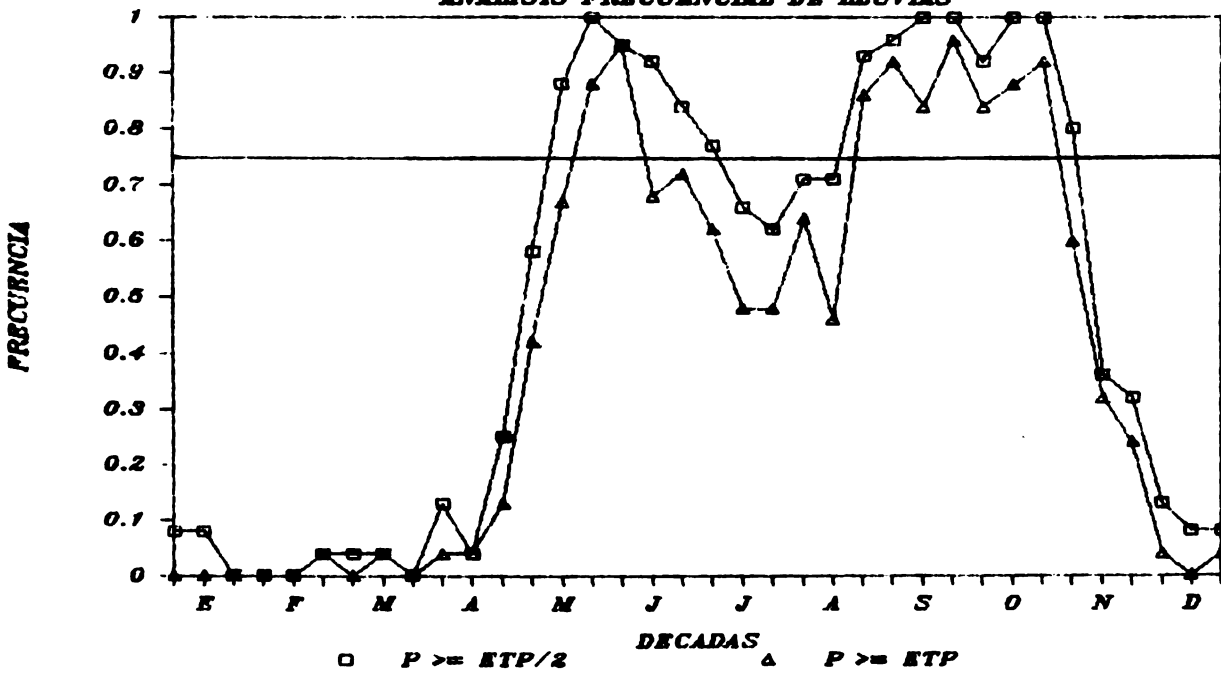
ESTACION SANTA CRUZ ANALISIS FRECUENCIAL DE LLUVIAS



DAIOS DE INCLACION, TEMPERATURAS DIURNA Y DIAFIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 EIP, Y 2*ETP, PARA LA ESTACION SANTA CRUZ, GUANACAST
 CWDIGC 74CC3 LAT 10 16 LONG 85 35 ALT 54
 NUMERO DE AÑOS ANALIZADOS 29

| DECADA | AMPLITUD | T. DIURNA | I. DIARIA | INSO | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 12.03 | 29.09 | 27.09 | 8.74 | 48.74 | 0.08 | 0.00 | 0.00 | 430.76 | 55 |
| 2 | 13.63 | 29.01 | 27.01 | 8.62 | 49.19 | 0.00 | 0.00 | 0.00 | 434.32 | 55 |
| 3 | 13.14 | 29.57 | 27.15 | 8.95 | 51.24 | 0.00 | 0.00 | 0.00 | 455.24 | 55 |
| 4 | 12.75 | 29.14 | 27.04 | 8.94 | 53.12 | 0.00 | 0.04 | 0.00 | 476.54 | 55 |
| 5 | 11.86 | 30.42 | 28.44 | 8.85 | 55.15 | 0.04 | 0.04 | 0.00 | 492.84 | 57 |
| 6 | 12.16 | 30.72 | 28.65 | 8.65 | 56.92 | 0.04 | 0.04 | 0.00 | 492.84 | 57 |
| 7 | 13.82 | 31.43 | 29.73 | 8.90 | 58.48 | 0.13 | 0.04 | 0.00 | 493.12 | 59 |
| 8 | 13.87 | 31.44 | 29.53 | 8.48 | 57.28 | 0.14 | 0.04 | 0.00 | 493.12 | 59 |
| 9 | 12.59 | 31.20 | 29.49 | 8.46 | 57.46 | 0.25 | 0.13 | 0.00 | 472.70 | 59 |
| 10 | 12.23 | 31.05 | 29.15 | 7.96 | 54.92 | 0.58 | 0.47 | 0.00 | 472.70 | 59 |
| 11 | 10.61 | 32.84 | 28.55 | 6.35 | 43.75 | 0.88 | 0.68 | 0.00 | 355.36 | 70 |
| 12 | 10.89 | 32.01 | 27.84 | 4.75 | 40.69 | 1.00 | 0.58 | 0.00 | 355.36 | 70 |
| 13 | 10.44 | 32.14 | 27.77 | 4.75 | 40.17 | 0.95 | 0.58 | 0.00 | 355.36 | 70 |
| 14 | 10.22 | 32.02 | 27.60 | 5.12 | 41.44 | 0.92 | 0.62 | 0.00 | 355.36 | 70 |
| 15 | 11.22 | 32.89 | 28.83 | 5.83 | 44.06 | 0.62 | 0.62 | 0.00 | 355.36 | 70 |
| 16 | 11.34 | 32.78 | 28.89 | 5.58 | 44.72 | 0.62 | 0.62 | 0.00 | 355.36 | 70 |
| 17 | 11.35 | 32.55 | 28.81 | 5.66 | 44.00 | 0.71 | 0.64 | 0.00 | 355.36 | 70 |
| 18 | 11.17 | 32.42 | 28.23 | 4.86 | 44.59 | 0.96 | 0.64 | 0.00 | 355.36 | 70 |
| 19 | 13.70 | 32.34 | 28.16 | 4.81 | 41.09 | 1.00 | 0.65 | 0.00 | 355.36 | 70 |
| 20 | 11.46 | 32.38 | 28.15 | 4.79 | 40.54 | 1.00 | 0.68 | 0.00 | 355.36 | 70 |
| 21 | 10.48 | 32.67 | 28.14 | 5.02 | 40.66 | 1.00 | 0.88 | 0.00 | 355.36 | 70 |
| 22 | 10.95 | 32.72 | 28.17 | 5.79 | 39.65 | 1.00 | 0.88 | 0.00 | 355.36 | 70 |
| 23 | 10.16 | 32.94 | 28.64 | 5.19 | 38.96 | 1.00 | 0.92 | 0.00 | 355.36 | 70 |
| 24 | 11.61 | 32.24 | 28.58 | 6.19 | 39.04 | 0.80 | 0.92 | 0.00 | 355.36 | 70 |
| 25 | 11.37 | 32.53 | 28.62 | 7.62 | 45.80 | 0.32 | 0.32 | 0.00 | 355.36 | 70 |
| 26 | 11.37 | 32.53 | 28.62 | 8.41 | 47.70 | 0.13 | 0.04 | 0.00 | 422.44 | 55 |
| 27 | 11.76 | 32.27 | 28.67 | 8.61 | 48.11 | 0.08 | 0.04 | 0.00 | 422.44 | 55 |
| 28 | 11.24 | 32.81 | 28.61 | 8.78 | 47.54 | 0.05 | 0.00 | 0.00 | 422.44 | 55 |
| 29 | 11.15 | 32.81 | 28.61 | 8.78 | 47.54 | 0.05 | 0.00 | 0.00 | 422.44 | 55 |

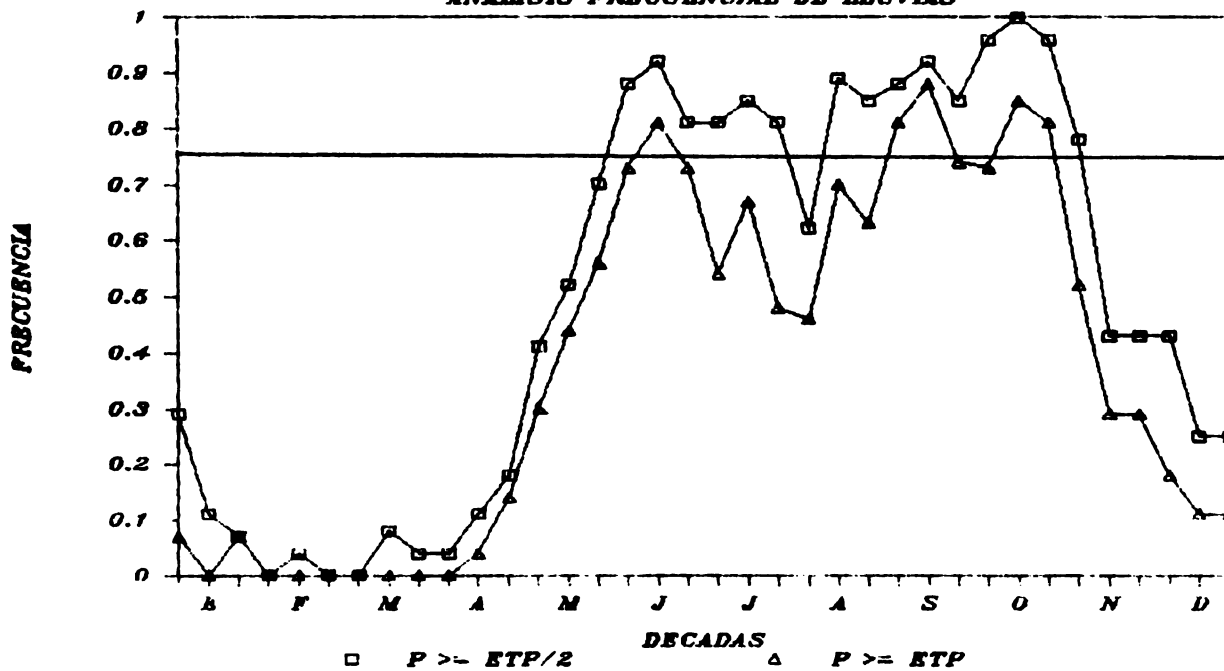
ESTACION SANTA CRUZ ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNA Y NOCTURNA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION QUEERACA GRANDE
 CODIGO 74CC4 LAT 10 51 LCG 85 30 ALT 366
 NUMERO DE AÑOS ANALIZADOS 28

| CEACA | AMPLITUD | T. DIURNA | T. NOCTURNA | INCLACION | ETP | P1 | P2 | P3 | GC | NB |
|-------|----------|-----------|-------------|-----------|-------|------|------|------|--------|-----|
| 1 | 8.20 | 55.94 | 24.58 | 8.16 | 44.58 | 0.29 | 0.07 | 0.00 | 410.62 | 228 |
| 2 | 8.16 | 55.04 | 24.59 | 8.49 | 46.42 | 0.11 | 0.00 | 0.00 | 427.29 | 228 |
| 3 | 9.19 | 26.13 | 24.60 | 8.79 | 47.59 | 0.07 | 0.00 | 0.00 | 437.66 | 228 |
| 4 | 9.59 | 26.67 | 25.05 | 8.75 | 50.07 | 0.04 | 0.00 | 0.00 | 457.03 | 228 |
| 5 | 9.50 | 26.75 | 25.19 | 8.80 | 51.26 | 0.00 | 0.00 | 0.00 | 468.53 | 228 |
| 6 | 9.50 | 27.40 | 25.88 | 8.91 | 54.63 | 0.00 | 0.00 | 0.00 | 480.23 | 228 |
| 7 | 10.03 | 27.80 | 26.13 | 8.73 | 54.99 | 0.00 | 0.00 | 0.00 | 494.03 | 228 |
| 8 | 10.31 | 28.10 | 26.41 | 8.80 | 56.11 | 0.04 | 0.00 | 0.00 | 501.40 | 228 |
| 9 | 10.31 | 28.10 | 26.41 | 8.84 | 56.43 | 0.01 | 0.04 | 0.00 | 505.33 | 228 |
| 10 | 10.28 | 28.21 | 26.55 | 8.47 | 55.12 | 0.18 | 0.00 | 0.00 | 522.61 | 228 |
| 11 | 9.44 | 28.19 | 26.42 | 7.82 | 52.44 | 0.41 | 0.14 | 0.00 | 462.62 | 227 |
| 12 | 9.13 | 27.79 | 26.22 | 6.87 | 48.20 | 0.52 | 0.30 | 0.00 | 421.75 | 227 |
| 13 | 9.13 | 27.20 | 25.74 | 5.87 | 40.45 | 0.70 | 0.44 | 0.00 | 366.11 | 227 |
| 14 | 8.45 | 26.54 | 25.36 | 4.76 | 39.53 | 0.92 | 0.73 | 0.00 | 360.66 | 226 |
| 15 | 8.09 | 26.54 | 25.19 | 5.50 | 41.30 | 0.81 | 0.73 | 0.00 | 375.54 | 226 |
| 16 | 7.64 | 26.54 | 25.19 | 5.69 | 41.30 | 0.81 | 0.73 | 0.00 | 375.54 | 226 |
| 17 | 7.64 | 26.54 | 25.19 | 5.43 | 38.83 | 0.92 | 0.73 | 0.00 | 360.66 | 226 |
| 18 | 7.54 | 26.54 | 25.19 | 5.88 | 42.19 | 0.85 | 0.46 | 0.00 | 394.74 | 226 |
| 19 | 8.01 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 20 | 8.45 | 26.54 | 25.19 | 5.88 | 42.19 | 0.85 | 0.46 | 0.00 | 394.74 | 226 |
| 21 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 22 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 23 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 24 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 25 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 26 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 27 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 28 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 29 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 30 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 31 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 32 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 33 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 34 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 35 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 36 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 37 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 38 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 39 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |
| 40 | 8.45 | 26.54 | 25.19 | 5.45 | 42.19 | 0.89 | 0.46 | 0.00 | 394.74 | 226 |

ESTACION QUEBRADA GRANDE ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR C IGUAL A ETP/2

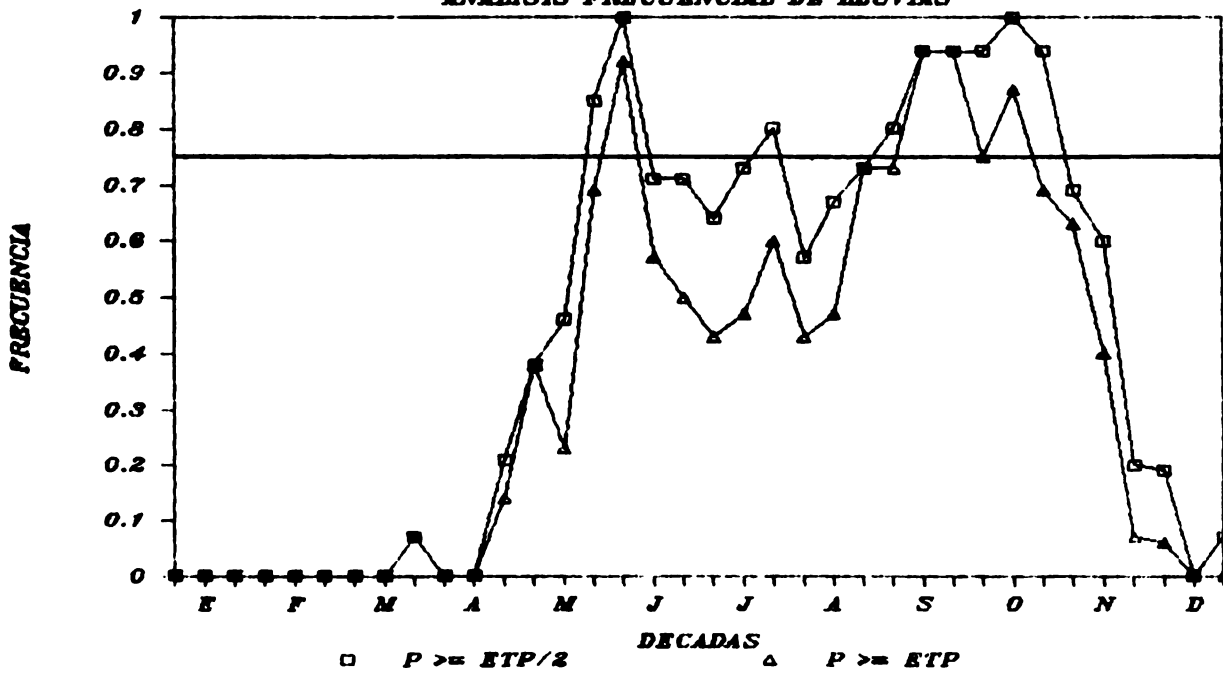
ETP, Y 2*ETP, PARA LA ESTACION LIBERIA

CCOIGG 7402U LAT 10 36 LCNG 85 32 ALT 85

NUMERO DE AÑOS ANALIZADOS 16

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|-------|-------|------|------|-----|--------|----|
| 1 | 11.12 | 28.70 | 27.41 | 9.40 | 50.60 | 0.0 | 0.0 | 0.0 | 446.62 | 15 |
| 2 | 13.59 | 28.16 | 26.89 | 8.40 | 47.97 | 0.0 | 0.0 | 0.0 | 426.22 | 15 |
| 3 | 13.01 | 29.51 | 27.46 | 10.93 | 55.26 | 0.0 | 0.0 | 0.0 | 454.00 | 15 |
| 4 | 14.65 | 30.03 | 27.47 | 10.34 | 59.23 | 0.0 | 0.0 | 0.0 | 520.07 | 15 |
| 5 | 12.90 | 30.42 | 27.60 | 10.54 | 60.55 | 0.0 | 0.0 | 0.0 | 525.03 | 15 |
| 6 | 11.95 | 31.00 | 28.04 | 10.17 | 62.78 | 0.07 | 0.0 | 0.0 | 541.26 | 14 |
| 7 | 11.21 | 31.07 | 28.89 | 9.73 | 60.44 | 0.0 | 0.0 | 0.0 | 523.18 | 14 |
| 8 | 12.14 | 31.02 | 28.89 | 9.73 | 62.10 | 0.0 | 0.0 | 0.0 | 535.19 | 14 |
| 9 | 11.44 | 31.08 | 29.18 | 8.75 | 59.69 | 0.0 | 0.0 | 0.0 | 505.07 | 14 |
| 10 | 10.78 | 31.06 | 28.50 | 6.69 | 49.41 | 0.21 | 0.0 | 0.0 | 427.21 | 13 |
| 11 | 11.89 | 31.40 | 29.43 | 8.24 | 53.36 | 0.46 | 0.38 | 0.0 | 467.07 | 13 |
| 12 | 6.57 | 27.50 | 27.34 | 5.49 | 44.91 | 1.00 | 0.65 | 0.0 | 375.07 | 13 |
| 13 | 8.46 | 27.27 | 27.29 | 5.09 | 40.42 | 0.71 | 0.57 | 0.0 | 315.07 | 14 |
| 14 | 8.83 | 27.65 | 27.77 | 4.92 | 41.28 | 0.73 | 0.50 | 0.0 | 354.48 | 14 |
| 15 | 9.26 | 27.14 | 27.44 | 5.82 | 46.34 | 0.64 | 0.47 | 0.0 | 365.41 | 15 |
| 16 | 8.25 | 27.52 | 27.65 | 6.13 | 45.63 | 0.70 | 0.60 | 0.0 | 400.11 | 15 |
| 17 | 8.46 | 27.77 | 27.76 | 6.31 | 46.51 | 0.57 | 0.47 | 0.0 | 400.80 | 15 |
| 18 | 9.24 | 27.62 | 27.60 | 5.96 | 45.44 | 0.80 | 0.73 | 0.0 | 410.55 | 15 |
| 19 | 5.24 | 27.14 | 27.11 | 5.76 | 44.58 | 0.67 | 0.54 | 0.0 | 344.51 | 15 |
| 20 | 5.20 | 27.57 | 27.56 | 5.21 | 38.48 | 0.94 | 0.75 | 0.0 | 365.04 | 16 |
| 21 | 8.72 | 27.56 | 27.56 | 4.98 | 40.70 | 0.94 | 0.84 | 0.0 | 375.24 | 16 |
| 22 | 8.78 | 27.66 | 27.62 | 4.94 | 42.33 | 0.94 | 0.84 | 0.0 | 365.04 | 16 |
| 23 | 8.27 | 27.55 | 27.55 | 5.38 | 41.05 | 1.00 | 0.89 | 0.0 | 368.44 | 16 |
| 24 | 8.07 | 27.53 | 27.42 | 5.84 | 41.74 | 0.94 | 0.83 | 0.0 | 365.04 | 16 |
| 25 | 8.87 | 27.58 | 27.42 | 5.73 | 40.66 | 0.69 | 0.60 | 0.0 | 395.04 | 15 |
| 26 | 9.62 | 27.76 | 27.65 | 5.89 | 43.69 | 0.30 | 0.27 | 0.0 | 403.12 | 15 |
| 27 | 9.48 | 27.84 | 27.80 | 7.17 | 45.28 | 0.19 | 0.0 | 0.0 | 391.65 | 15 |
| 28 | 8.28 | 27.09 | 27.09 | 7.83 | 44.09 | 0.0 | 0.0 | 0.0 | 421.11 | 15 |
| 29 | 11.13 | 28.72 | 27.09 | 7.83 | 47.09 | 0.07 | 0.0 | 0.0 | 421.11 | 15 |
| 30 | 11.50 | 28.44 | 26.46 | 8.58 | 47.31 | 0.0 | 0.0 | 0.0 | 421.11 | 15 |

ESTACION LIBERIA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

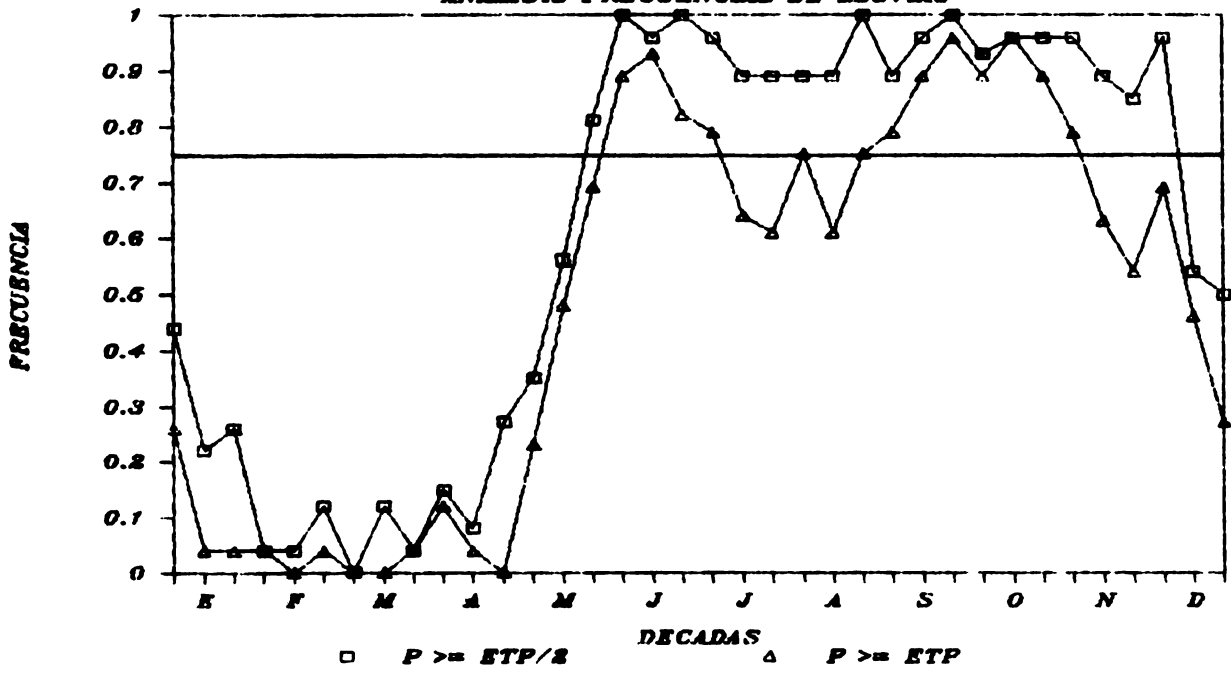
ETP, Y 2*ETP, PARA LA ESTACION TILARAN

CLDIGO 760C2 LAT 10 28 LCRG 84 58 ALT 562

NUMERO DE AÑOS ANALIZADOS 28

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | F1 | P2 | P3 | GC | AB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 5.96 | 23.55 | 22.55 | 7.27 | 40.62 | 0.44 | 0.26 | 0.04 | 386.27 | 27 |
| 2 | 6.15 | 23.45 | 22.45 | 7.86 | 43.10 | 0.22 | 0.04 | 0.00 | 410.45 | 27 |
| 3 | 6.42 | 23.17 | 22.17 | 7.90 | 44.00 | 0.26 | 0.04 | 0.00 | 420.45 | 27 |
| 4 | 6.66 | 23.08 | 22.08 | 8.45 | 46.86 | 0.04 | 0.04 | 0.00 | 444.52 | 25 |
| 5 | 6.82 | 23.64 | 22.64 | 8.26 | 48.37 | 0.12 | 0.04 | 0.00 | 455.12 | 26 |
| 6 | 7.24 | 23.44 | 22.44 | 8.54 | 51.31 | 0.12 | 0.00 | 0.00 | 464.12 | 26 |
| 7 | 7.03 | 23.51 | 22.51 | 8.57 | 52.10 | 0.04 | 0.00 | 0.00 | 461.53 | 26 |
| 8 | 7.92 | 23.16 | 22.16 | 8.51 | 53.10 | 0.15 | 0.04 | 0.00 | 465.00 | 26 |
| 9 | 8.13 | 23.52 | 22.52 | 8.08 | 51.55 | 0.15 | 0.12 | 0.00 | 479.00 | 26 |
| 10 | 8.14 | 23.08 | 22.08 | 8.31 | 52.47 | 0.08 | 0.00 | 0.00 | 477.65 | 26 |
| 11 | 8.58 | 24.42 | 23.42 | 8.10 | 51.76 | 0.27 | 0.00 | 0.00 | 486.58 | 26 |
| 12 | 7.84 | 24.28 | 23.28 | 8.34 | 48.53 | 0.35 | 0.23 | 0.00 | 477.12 | 26 |
| 13 | 7.83 | 24.25 | 23.25 | 7.93 | 48.52 | 0.56 | 0.48 | 0.00 | 445.12 | 26 |
| 14 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 15 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 16 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 17 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 18 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 19 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 20 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 21 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 22 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 23 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 24 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 25 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 26 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 27 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 28 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 29 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |
| 30 | 7.84 | 24.44 | 23.44 | 5.27 | 40.57 | 0.81 | 0.65 | 0.00 | 395.10 | 25 |

ESTACION TILARAN ANALISIS FRECUENCIAL DE LLUVIAS



CAICS DE INCLACION, TEMPERATURAS DIURNA Y CIARIA, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

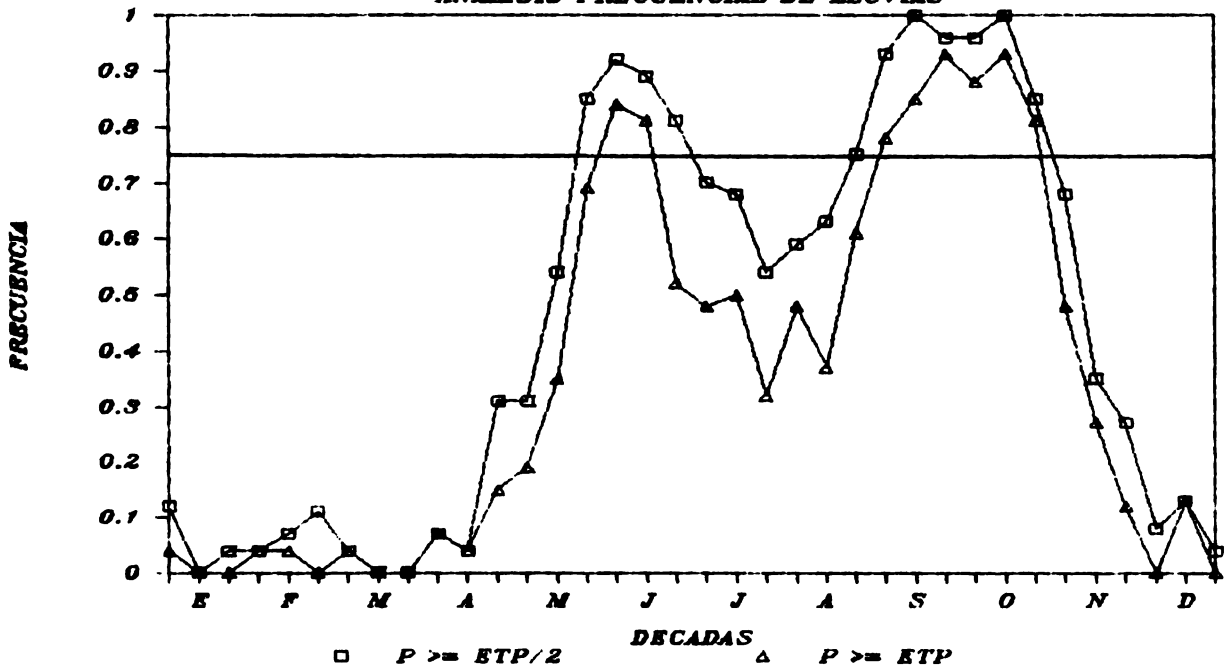
ETP, Y 2*ETP, PARA LA ESTACION CANAS, SAN LUIS

CODIGO 76005 LAT 10 25 LONG 85 5 ALT 95

NUMERO DE AÑOS ANALIZADOS 29

| LECAC | AMPL ITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|-------|-----------|-----------|-----------|------|-------|------|------|-----|-------|----|
| 1 | 12 | 28.42 | 26.89 | 7.67 | 44.56 | 0.12 | C.C4 | 0.0 | 35.27 | 6 |
| 2 | 13 | 28.41 | 27.04 | 8.75 | 49.08 | 0.04 | 0.0 | 0.0 | 45.12 | 2 |
| 3 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.04 | 0.0 | 0.0 | 45.12 | 2 |
| 4 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.07 | 0.0 | 0.0 | 45.12 | 2 |
| 5 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.11 | 0.0 | 0.0 | 45.12 | 2 |
| 6 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.04 | 0.0 | 0.0 | 45.12 | 2 |
| 7 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 8 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 9 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 10 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 11 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 12 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 13 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 14 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 15 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 16 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 17 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 18 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 19 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 20 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 21 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 22 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 23 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 24 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 25 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 26 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 27 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 28 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 29 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 30 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 31 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 32 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 33 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 34 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 35 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 36 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |
| 37 | 13 | 28.41 | 27.04 | 8.74 | 52.35 | 0.0 | 0.0 | 0.0 | 45.12 | 2 |

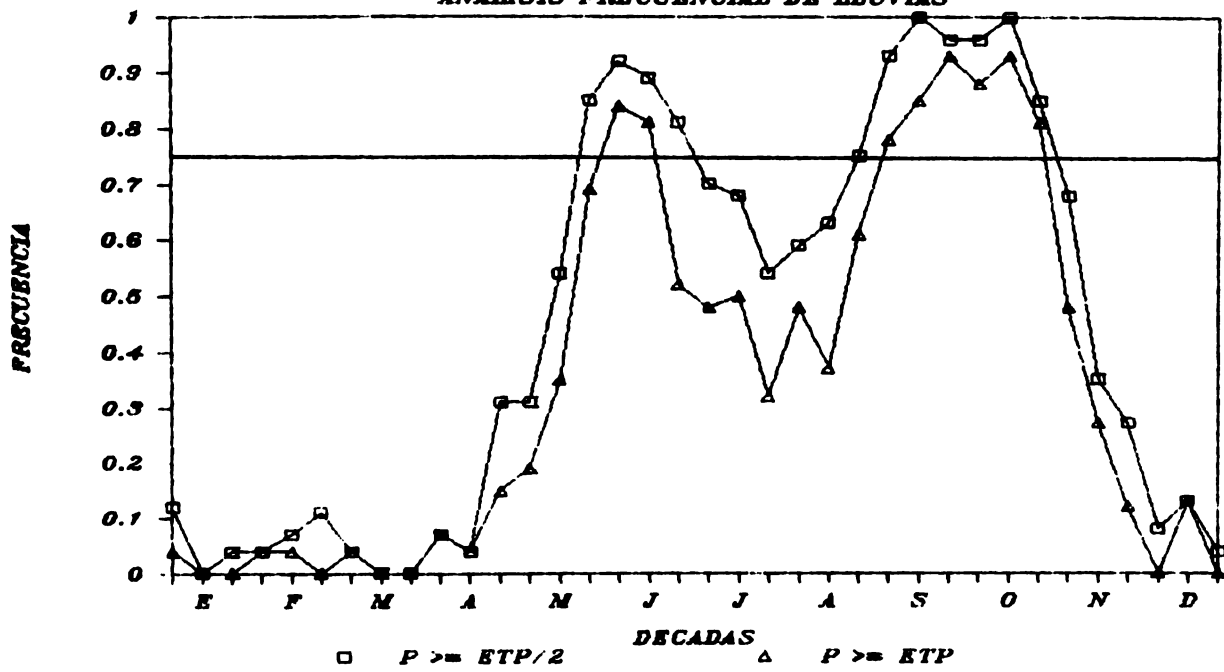
ESTACION CANAS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CANAS, SAN LUIS
 CODIGO 76005 LAT 10 25 LONG 85 5 ALT 95
 NUMERO DE AÑOS ANALIZADOS 29

| LECACA | AMPL ITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|--------|-----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 8.12 | 28.42 | 26.89 | 7.67 | 44.56 | 0.12 | 0.04 | 0.04 | 35.27 | 26 |
| 2 | 8.41 | 28.11 | 26.74 | 8.75 | 49.08 | 0.04 | 0.04 | 0.00 | 46.12 | 26 |
| 3 | 8.75 | 28.05 | 27.35 | 8.74 | 51.31 | 0.04 | 0.04 | 0.00 | 46.12 | 26 |
| 4 | 9.34 | 28.45 | 27.26 | 9.12 | 51.65 | 0.07 | 0.04 | 0.00 | 48.75 | 27 |
| 5 | 9.55 | 28.45 | 26.57 | 8.24 | 52.46 | 0.04 | 0.04 | 0.00 | 47.24 | 27 |
| 6 | 9.88 | 28.45 | 26.20 | 8.03 | 53.68 | 0.00 | 0.00 | 0.00 | 45.54 | 27 |
| 7 | 10.01 | 30.27 | 28.95 | 8.62 | 57.19 | 0.07 | 0.07 | 0.00 | 45.09 | 26 |
| 8 | 9.66 | 30.78 | 28.80 | 9.55 | 57.75 | 0.04 | 0.04 | 0.00 | 45.09 | 26 |
| 9 | 9.76 | 30.54 | 29.17 | 7.31 | 63.62 | 0.31 | 0.15 | 0.00 | 45.09 | 26 |
| 10 | 9.55 | 30.54 | 29.14 | 7.82 | 52.46 | 0.31 | 0.15 | 0.00 | 45.09 | 26 |
| 11 | 9.84 | 28.05 | 28.75 | 5.54 | 53.46 | 0.54 | 0.35 | 0.00 | 46.12 | 26 |
| 12 | 9.41 | 28.05 | 27.34 | 4.05 | 47.84 | 0.55 | 0.39 | 0.00 | 46.12 | 26 |
| 13 | 9.25 | 28.05 | 26.75 | 4.05 | 38.73 | 0.92 | 0.64 | 0.00 | 46.12 | 26 |
| 14 | 9.25 | 28.05 | 26.25 | 3.64 | 35.38 | 0.81 | 0.58 | 0.00 | 46.12 | 26 |
| 15 | 9.41 | 28.05 | 26.56 | 3.16 | 37.77 | 0.70 | 0.52 | 0.00 | 46.12 | 26 |
| 16 | 9.25 | 28.05 | 26.25 | 3.35 | 38.25 | 0.68 | 0.48 | 0.00 | 46.12 | 26 |
| 17 | 9.41 | 28.05 | 27.19 | 4.03 | 37.29 | 0.54 | 0.40 | 0.00 | 46.12 | 26 |
| 18 | 9.77 | 28.05 | 27.30 | 4.19 | 38.10 | 0.59 | 0.48 | 0.00 | 46.12 | 26 |
| 19 | 9.41 | 28.05 | 27.44 | 4.63 | 42.62 | 0.75 | 0.57 | 0.00 | 46.12 | 26 |
| 20 | 9.01 | 28.05 | 27.10 | 5.23 | 43.78 | 0.93 | 0.78 | 0.00 | 46.12 | 26 |
| 21 | 9.01 | 28.05 | 26.80 | 4.50 | 41.13 | 0.96 | 0.85 | 0.00 | 46.12 | 26 |
| 22 | 9.01 | 28.05 | 26.48 | 4.50 | 38.56 | 0.96 | 0.85 | 0.00 | 46.12 | 26 |
| 23 | 9.01 | 28.05 | 26.48 | 4.50 | 39.43 | 1.00 | 0.93 | 0.00 | 46.12 | 26 |
| 24 | 9.01 | 28.05 | 26.48 | 5.09 | 38.04 | 0.68 | 0.48 | 0.00 | 46.12 | 26 |
| 25 | 9.01 | 28.05 | 26.48 | 5.06 | 39.98 | 0.37 | 0.22 | 0.00 | 46.12 | 26 |
| 26 | 9.01 | 28.05 | 26.48 | 6.17 | 43.04 | 0.28 | 0.13 | 0.00 | 46.12 | 26 |
| 27 | 9.01 | 28.05 | 26.48 | 6.85 | 41.56 | 0.13 | 0.00 | 0.00 | 46.12 | 26 |
| 28 | 9.01 | 28.05 | 26.48 | 6.79 | 40.87 | 0.05 | 0.00 | 0.00 | 46.12 | 26 |
| 29 | 9.01 | 28.05 | 26.48 | 7.92 | 44.99 | 0.05 | 0.00 | 0.00 | 46.12 | 26 |

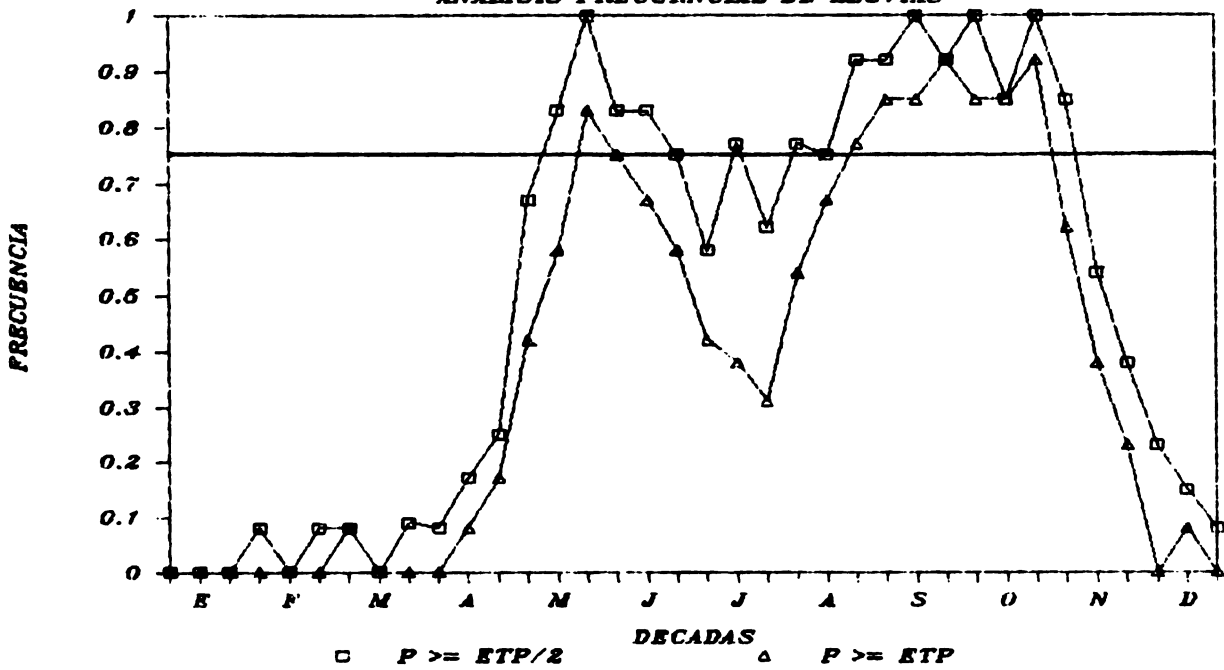
ESTACION CANAS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION TABOGA
 CCUJICO 76CC8 LAT 10 21 LONG 85 9 ALT 40
 NUMERO DE AÑOS ANALIZADOS 13

| LECADA | AMPLITUD | T. DIURNA | T. NOCTURNA | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-------------|-------|------|------|-----|--------|----|
| 1 | 11.0 | 28.2 | 26.36 | 48.25 | 0.0 | 0.0 | 0.0 | 431.47 | 12 |
| 2 | 11.0 | 28.1 | 26.37 | 50.50 | 0.0 | 0.0 | 0.0 | 451.03 | 12 |
| 3 | 11.0 | 28.0 | 26.38 | 53.42 | 0.0 | 0.0 | 0.0 | 450.00 | 12 |
| 4 | 11.0 | 28.0 | 27.46 | 58.60 | 0.08 | 0.0 | 0.0 | 465.77 | 12 |
| 5 | 11.0 | 28.0 | 27.47 | 60.14 | 0.08 | 0.0 | 0.0 | 522.77 | 12 |
| 6 | 11.0 | 28.0 | 28.50 | 62.50 | 0.0 | 0.0 | 0.0 | 527.31 | 12 |
| 7 | 11.0 | 28.0 | 28.39 | 60.14 | 0.09 | 0.0 | 0.0 | 545.41 | 12 |
| 8 | 11.0 | 28.0 | 28.65 | 60.46 | 0.08 | 0.0 | 0.0 | 524.14 | 12 |
| 9 | 11.0 | 28.0 | 28.79 | 60.01 | 0.15 | 0.08 | 0.0 | 524.08 | 12 |
| 10 | 11.0 | 28.0 | 28.73 | 52.88 | 0.67 | 0.12 | 0.0 | 516.08 | 12 |
| 11 | 11.0 | 28.0 | 28.71 | 46.75 | 0.83 | 0.58 | 0.0 | 458.26 | 12 |
| 12 | 11.0 | 28.0 | 27.79 | 42.57 | 1.08 | 0.77 | 0.0 | 424.46 | 12 |
| 13 | 10.0 | 28.0 | 26.95 | 41.58 | 0.75 | 0.53 | 0.0 | 387.04 | 12 |
| 14 | 10.0 | 28.0 | 27.14 | 39.28 | 0.58 | 0.31 | 0.0 | 377.04 | 12 |
| 15 | 10.0 | 28.0 | 27.52 | 43.99 | 0.77 | 0.47 | 0.0 | 370.23 | 12 |
| 16 | 10.0 | 28.0 | 27.33 | 43.99 | 0.67 | 0.31 | 0.0 | 353.04 | 12 |
| 17 | 10.0 | 28.0 | 26.57 | 44.64 | 0.92 | 0.54 | 0.0 | 352.57 | 13 |
| 18 | 10.0 | 28.0 | 26.74 | 41.52 | 0.92 | 0.67 | 0.0 | 350.08 | 13 |
| 19 | 10.0 | 28.0 | 26.89 | 40.36 | 1.00 | 0.85 | 0.0 | 338.08 | 13 |
| 20 | 10.0 | 28.0 | 26.50 | 42.65 | 1.00 | 0.85 | 0.0 | 339.14 | 13 |
| 21 | 10.0 | 28.0 | 26.63 | 40.49 | 1.00 | 0.85 | 0.0 | 336.08 | 13 |
| 22 | 10.0 | 28.0 | 26.62 | 39.36 | 1.00 | 0.85 | 0.0 | 330.27 | 13 |
| 23 | 10.0 | 28.0 | 26.70 | 42.74 | 1.00 | 0.85 | 0.0 | 332.46 | 13 |
| 24 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 336.08 | 13 |
| 25 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 26 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 27 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 28 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 29 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 30 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 31 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 32 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 33 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 34 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 35 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 36 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |
| 37 | 10.0 | 28.0 | 26.84 | 44.52 | 1.00 | 0.85 | 0.0 | 335.72 | 13 |

ESTACION TABOGA ANALISIS FRECUENCIAL DE LLUVIAS

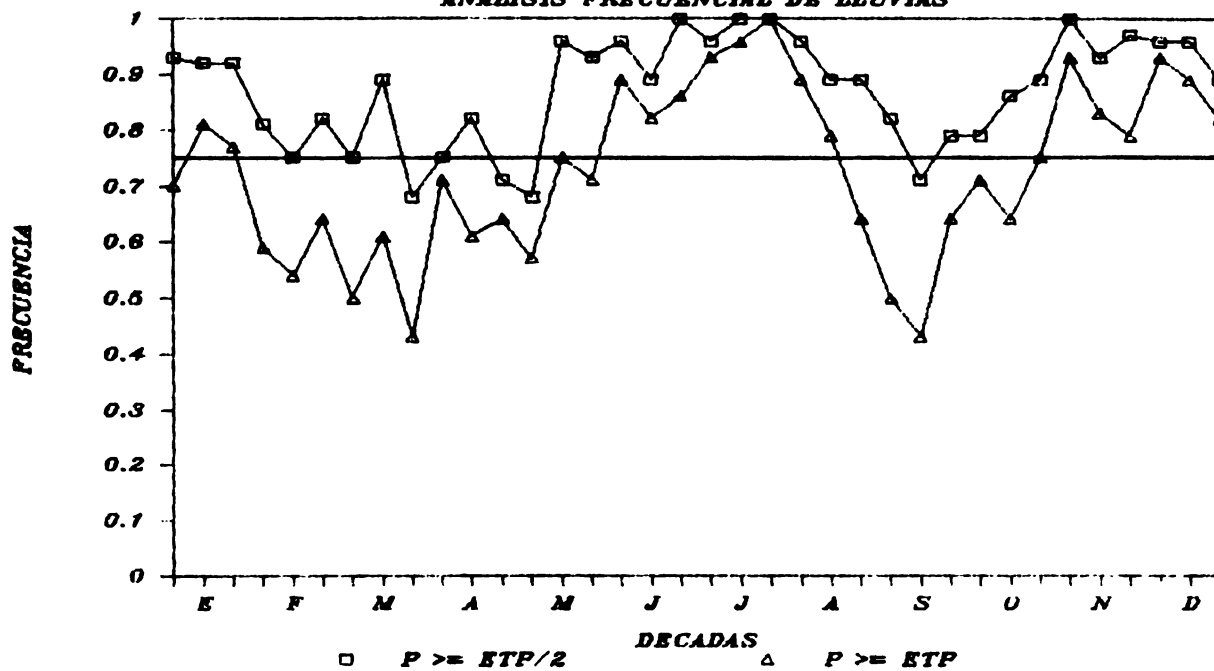


ESTADÍSTICA DE INCLASIFICACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION LA LOLA
 Codigo 77C02 LAT 10 6 LCNG 83 23 ALT 40
 NUMERO DE AÑOS ANALIZADOS 29

| CECACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PL | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.25 | 25.85 | 23.58 | 4.50 | 33.09 | 0.93 | 0.70 | 0.56 | 305.17 | 27 |
| 2 | 10.64 | 26.01 | 24.47 | 4.81 | 34.86 | 0.92 | 0.71 | 0.00 | 320.00 | 26 |
| 3 | 11.76 | 25.68 | 24.32 | 5.13 | 36.68 | 0.81 | 0.55 | 0.00 | 337.00 | 26 |
| 4 | 11.65 | 25.67 | 24.05 | 5.02 | 37.61 | 0.75 | 0.54 | 0.00 | 342.67 | 28 |
| 5 | 11.30 | 25.44 | 24.61 | 4.99 | 38.85 | 0.82 | 0.64 | 0.00 | 357.00 | 28 |
| 6 | 11.38 | 26.07 | 24.78 | 5.38 | 41.96 | 0.75 | 0.50 | 0.00 | 358.00 | 28 |
| 7 | 10.65 | 26.24 | 24.87 | 5.86 | 40.54 | 0.82 | 0.61 | 0.00 | 362.71 | 28 |
| 8 | 10.47 | 26.74 | 25.00 | 4.76 | 40.54 | 0.68 | 0.54 | 0.00 | 370.00 | 28 |
| 9 | 10.30 | 26.74 | 25.30 | 4.84 | 36.54 | 0.82 | 0.64 | 0.00 | 333.00 | 28 |
| 10 | 10.47 | 27.51 | 25.89 | 5.06 | 41.34 | 0.68 | 0.57 | 0.00 | 373.00 | 28 |
| 11 | 10.33 | 27.00 | 25.80 | 5.16 | 41.47 | 0.96 | 0.71 | 0.00 | 373.00 | 28 |
| 12 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 13 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 14 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 15 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 16 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 17 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 18 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 19 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 20 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 21 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 22 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 23 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 24 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 25 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 26 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 27 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 28 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 29 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 30 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 31 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 32 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 33 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 34 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 35 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 36 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |
| 37 | 10.58 | 27.30 | 25.80 | 5.16 | 42.93 | 0.96 | 0.82 | 0.00 | 385.42 | 28 |

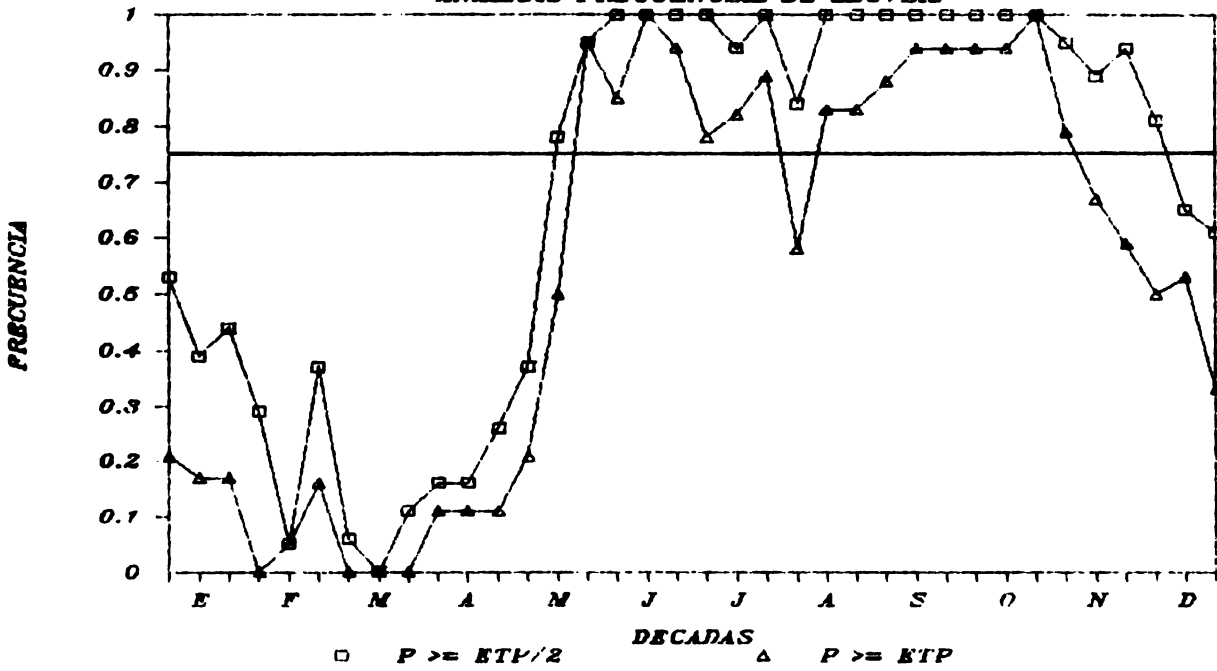
ESTACION LA LOLA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION. TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PRECIPITACION DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A EIP/2
 EIP, Y 2*ETP, PARA LA ESTACION MONTE VERDE
 CODIGO 78002 LAT 10 20 LONG 84 50 ALT 1380
 NUMERO DE AÑOS ANALIZADOS 20

| ESTACION | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|----------|----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 7.30 | 19.27 | 18.05 | 7.36 | 38.54 | 0.53 | 0.21 | 0.05 | 38.38 | 19 |
| 2 | 7.40 | 19.33 | 17.90 | 7.45 | 39.39 | 0.39 | 0.17 | 0.00 | 35.75 | 18 |
| 3 | 7.70 | 19.33 | 18.05 | 7.64 | 40.97 | 0.44 | 0.17 | 0.00 | 41.36 | 18 |
| 4 | 8.50 | 19.47 | 18.35 | 8.05 | 43.30 | 0.05 | 0.05 | 0.00 | 45.60 | 19 |
| 5 | 8.80 | 19.67 | 18.60 | 8.34 | 45.54 | 0.37 | 0.16 | 0.00 | 47.70 | 19 |
| 6 | 8.80 | 20.17 | 18.70 | 8.42 | 47.88 | 0.06 | 0.00 | 0.00 | 47.70 | 19 |
| 7 | 9.50 | 20.67 | 19.15 | 8.68 | 45.87 | 0.00 | 0.00 | 0.00 | 45.37 | 19 |
| 8 | 9.50 | 21.17 | 19.40 | 8.21 | 49.12 | 0.16 | 0.11 | 0.00 | 48.30 | 19 |
| 9 | 9.70 | 21.47 | 19.55 | 8.10 | 47.56 | 0.16 | 0.11 | 0.00 | 48.30 | 19 |
| 10 | 9.90 | 21.57 | 19.55 | 7.75 | 45.85 | 0.37 | 0.11 | 0.00 | 47.50 | 19 |
| 11 | 9.90 | 21.57 | 19.55 | 7.34 | 38.78 | 0.78 | 0.00 | 0.00 | 44.80 | 19 |
| 12 | 9.90 | 21.57 | 19.55 | 5.33 | 36.72 | 0.95 | 0.00 | 0.00 | 33.60 | 19 |
| 13 | 9.90 | 21.57 | 19.55 | 4.83 | 36.05 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 14 | 9.90 | 21.57 | 19.55 | 4.76 | 36.70 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 15 | 9.90 | 21.57 | 19.55 | 4.82 | 38.00 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 16 | 8.00 | 20.57 | 19.60 | 5.05 | 37.81 | 0.94 | 0.00 | 0.00 | 33.60 | 19 |
| 17 | 7.90 | 20.67 | 19.35 | 5.45 | 38.40 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 18 | 7.70 | 20.67 | 19.50 | 5.77 | 39.74 | 0.84 | 0.00 | 0.00 | 33.60 | 19 |
| 19 | 7.50 | 20.67 | 19.50 | 5.32 | 38.58 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 20 | 8.00 | 20.67 | 19.50 | 5.03 | 38.65 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 21 | 8.00 | 20.67 | 19.50 | 5.09 | 37.84 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 22 | 8.00 | 20.67 | 19.50 | 5.76 | 36.41 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 23 | 8.00 | 20.67 | 19.50 | 5.26 | 37.66 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 24 | 8.00 | 20.67 | 19.50 | 5.15 | 35.65 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 25 | 8.00 | 20.67 | 19.50 | 4.86 | 36.25 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 26 | 8.00 | 20.67 | 19.50 | 4.96 | 34.54 | 1.00 | 0.00 | 0.00 | 33.60 | 19 |
| 27 | 7.80 | 20.67 | 19.50 | 5.22 | 33.00 | 0.95 | 0.00 | 0.00 | 33.60 | 19 |
| 28 | 7.80 | 20.67 | 19.50 | 6.12 | 33.83 | 0.89 | 0.00 | 0.00 | 33.60 | 19 |
| 29 | 7.60 | 19.67 | 18.65 | 6.87 | 35.83 | 0.81 | 0.00 | 0.00 | 33.60 | 19 |
| 30 | 7.40 | 19.67 | 18.40 | 6.42 | 34.45 | 0.81 | 0.00 | 0.00 | 33.60 | 19 |
| 31 | 7.20 | 19.67 | 18.20 | 6.42 | 35.53 | 0.65 | 0.00 | 0.00 | 33.60 | 19 |
| 32 | 7.20 | 19.67 | 18.20 | 6.91 | 34.53 | 0.61 | 0.00 | 0.00 | 33.60 | 19 |
| 33 | 7.20 | 19.67 | 18.20 | 6.69 | 36.80 | 0.61 | 0.00 | 0.00 | 33.60 | 19 |
| 34 | 7.20 | 19.67 | 18.20 | 7.69 | 39.30 | 0.53 | 0.00 | 0.00 | 33.60 | 19 |
| 35 | 7.20 | 19.67 | 18.20 | 7.69 | 39.30 | 0.53 | 0.00 | 0.00 | 33.60 | 19 |

ESTACION MONTE VERDE ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLINACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

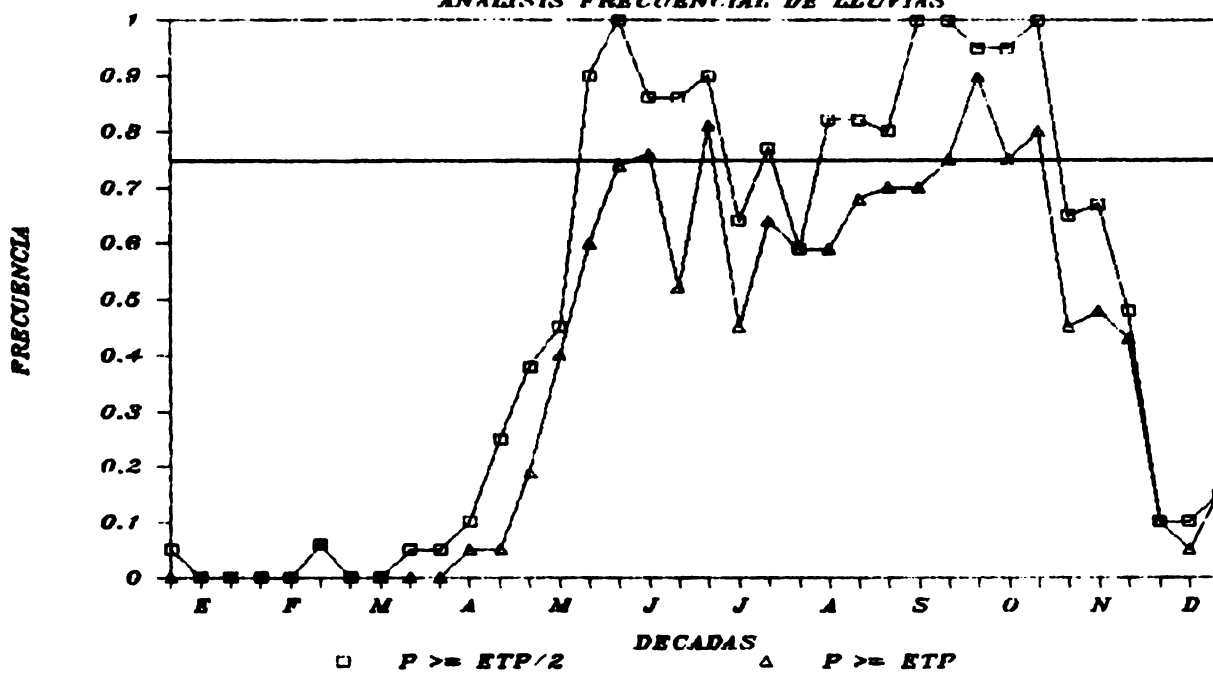
ETP, Y 2*ETP, PARA LA ESTACION PUNTARENAS

CWJGO 780C3 LAT 9'58 LCNG 84 50 ALT 3

NUMERO DE AÑOS ANALIZADOS 22

| LECACA | AMPLITUD | T. DIURNA | I. DIARIA | INSO | ETF | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|--------|
| 1 | 12.43 | 19.15 | 27.02 | 8.10 | 46.80 | 0.05 | 0.00 | 0.00 | 413.44 | 000900 |
| 2 | 12.42 | 19.23 | 27.31 | 8.33 | 48.43 | 0.00 | 0.00 | 0.00 | 427.42 | 220911 |
| 3 | 13.58 | 20.54 | 27.68 | 8.94 | 51.80 | 0.00 | 0.00 | 0.00 | 455.32 | 118000 |
| 4 | 13.70 | 20.33 | 28.04 | 9.05 | 53.66 | 0.00 | 0.00 | 0.00 | 455.52 | 220010 |
| 5 | 13.63 | 20.68 | 28.17 | 9.20 | 55.82 | 0.06 | 0.00 | 0.00 | 465.52 | 220010 |
| 6 | 13.64 | 20.68 | 28.41 | 9.28 | 57.51 | 0.00 | 0.00 | 0.00 | 500.12 | 220010 |
| 7 | 13.64 | 20.68 | 28.58 | 9.25 | 58.69 | 0.00 | 0.00 | 0.00 | 505.52 | 220010 |
| 8 | 13.64 | 20.68 | 28.58 | 9.19 | 59.87 | 0.05 | 0.00 | 0.00 | 515.25 | 220010 |
| 9 | 13.64 | 20.68 | 28.58 | 9.25 | 60.27 | 0.25 | 0.00 | 0.00 | 510.25 | 220010 |
| 10 | 13.64 | 20.68 | 28.58 | 9.01 | 69.54 | 0.38 | 0.00 | 0.00 | 570.52 | 220010 |
| 11 | 13.64 | 20.68 | 28.58 | 7.91 | 54.33 | 0.45 | 0.00 | 0.00 | 465.25 | 220010 |
| 12 | 13.64 | 20.68 | 28.58 | 7.86 | 50.31 | 0.90 | 0.00 | 0.00 | 439.49 | 220010 |
| 13 | 13.64 | 20.68 | 28.58 | 7.18 | 42.29 | 1.00 | 0.00 | 0.00 | 372.91 | 220010 |
| 14 | 13.64 | 20.68 | 28.58 | 7.01 | 42.78 | 0.86 | 0.00 | 0.00 | 376.50 | 220010 |
| 15 | 13.64 | 20.68 | 28.58 | 6.33 | 41.82 | 0.90 | 0.00 | 0.00 | 357.40 | 220010 |
| 16 | 13.64 | 20.68 | 28.58 | 5.50 | 42.78 | 0.86 | 0.00 | 0.00 | 376.50 | 220010 |
| 17 | 13.64 | 20.68 | 28.58 | 5.07 | 41.82 | 0.90 | 0.00 | 0.00 | 357.40 | 220010 |
| 18 | 13.64 | 20.68 | 28.58 | 5.24 | 42.09 | 0.77 | 0.00 | 0.00 | 368.40 | 220010 |
| 19 | 13.64 | 20.68 | 28.58 | 5.49 | 44.09 | 0.44 | 0.00 | 0.00 | 385.50 | 220010 |
| 20 | 13.64 | 20.68 | 28.58 | 5.75 | 45.46 | 0.59 | 0.00 | 0.00 | 385.50 | 220010 |
| 21 | 13.64 | 20.68 | 28.58 | 6.00 | 43.63 | 0.82 | 0.00 | 0.00 | 355.50 | 220010 |
| 22 | 13.64 | 20.68 | 28.58 | 5.84 | 45.12 | 0.80 | 0.00 | 0.00 | 355.50 | 220010 |
| 23 | 13.64 | 20.68 | 28.58 | 5.84 | 45.12 | 0.80 | 0.00 | 0.00 | 355.50 | 220010 |
| 24 | 13.64 | 20.68 | 28.58 | 5.37 | 43.80 | 0.80 | 0.00 | 0.00 | 355.50 | 220010 |
| 25 | 13.64 | 20.68 | 28.58 | 5.37 | 43.80 | 0.80 | 0.00 | 0.00 | 355.50 | 220010 |
| 26 | 13.64 | 20.68 | 28.58 | 4.81 | 40.71 | 1.00 | 0.00 | 0.00 | 326.10 | 220010 |
| 27 | 13.64 | 20.68 | 28.58 | 4.93 | 40.63 | 0.95 | 0.00 | 0.00 | 326.10 | 220010 |
| 28 | 13.64 | 20.68 | 28.58 | 5.52 | 39.85 | 1.00 | 0.00 | 0.00 | 326.10 | 220010 |
| 29 | 13.64 | 20.68 | 28.58 | 5.16 | 39.89 | 0.95 | 0.00 | 0.00 | 326.10 | 220010 |
| 30 | 13.64 | 20.68 | 28.58 | 5.88 | 38.05 | 1.00 | 0.00 | 0.00 | 326.10 | 220010 |
| 31 | 13.64 | 20.68 | 28.58 | 5.23 | 38.85 | 0.67 | 0.00 | 0.00 | 326.10 | 220010 |
| 32 | 13.64 | 20.68 | 28.58 | 6.18 | 42.53 | 0.10 | 0.00 | 0.00 | 326.10 | 220010 |
| 33 | 13.64 | 20.68 | 28.58 | 6.89 | 42.79 | 0.10 | 0.00 | 0.00 | 326.10 | 220010 |
| 34 | 13.64 | 20.68 | 28.58 | 7.08 | 44.15 | 0.15 | 0.00 | 0.00 | 326.10 | 220010 |
| 35 | 13.64 | 20.68 | 28.58 | 7.08 | 44.15 | 0.15 | 0.00 | 0.00 | 326.10 | 220010 |
| 36 | 13.64 | 20.68 | 28.58 | 7.53 | 45.91 | 0.15 | 0.00 | 0.00 | 326.10 | 220010 |
| 37 | 13.64 | 20.68 | 28.58 | 7.97 | 45.91 | 0.15 | 0.00 | 0.00 | 326.10 | 220010 |

ESTACION PUNTARENAS ANALISIS FRECUENCIAL DE LLUVIAS



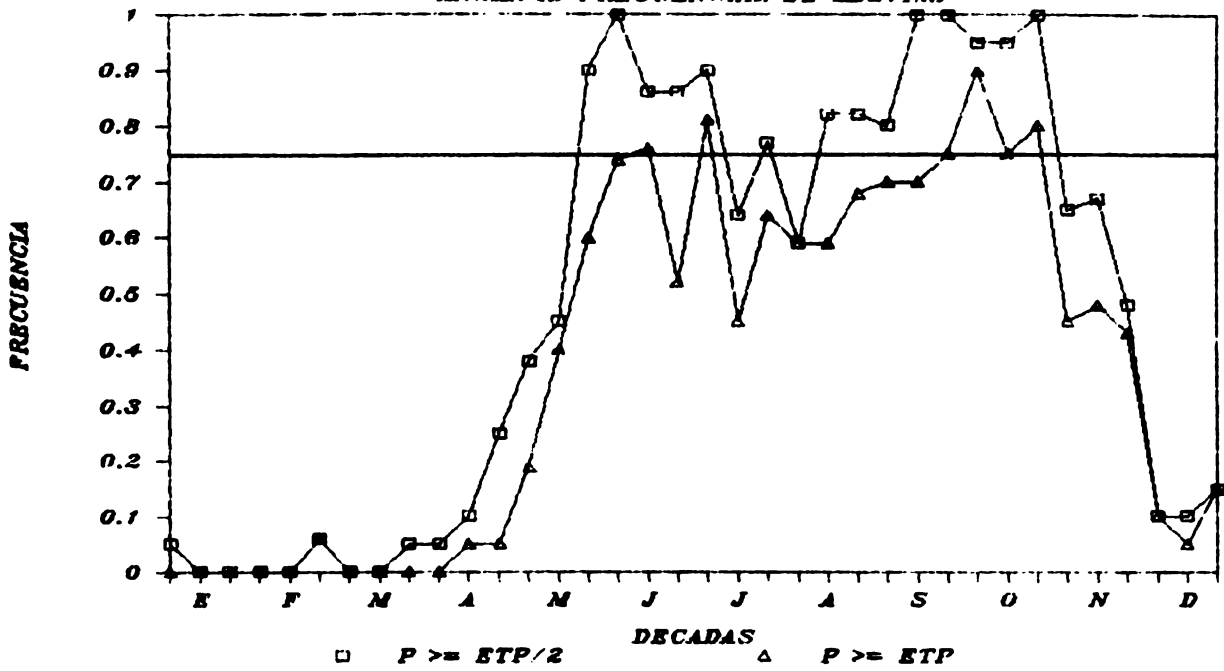
DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION PUNTARENAS

CWJGU 78CC3 LAT 9'58 LCG 84 50 ALT 3
NUMERO DE AÑOS ANALIZADOS 22

| LECACA | AMPLITUD | T. DIURNA | 1. DIARIA | INSO | ETF | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|-----|-----|--------|-----|
| 1 | 12.43 | 29.15 | 27.02 | 8.10 | 46.80 | 0.05 | 0.0 | 0.0 | 413.44 | 000 |
| 2 | 12.42 | 29.23 | 27.13 | 8.33 | 48.43 | 0.0 | 0.0 | 0.0 | 427.42 | 222 |
| 3 | 13.58 | 29.34 | 27.31 | 8.94 | 51.80 | 0.0 | 0.0 | 0.0 | 455.52 | 118 |
| 4 | 13.70 | 29.42 | 27.64 | 9.05 | 53.66 | 0.0 | 0.0 | 0.0 | 465.52 | 222 |
| 5 | 13.76 | 29.35 | 28.17 | 9.20 | 55.82 | 0.06 | 0.0 | 0.0 | 465.52 | 122 |
| 6 | 13.63 | 29.28 | 28.41 | 9.28 | 57.51 | 0.0 | 0.0 | 0.0 | 500.00 | 222 |
| 7 | 13.64 | 29.24 | 28.57 | 9.25 | 58.69 | 0.0 | 0.0 | 0.0 | 513.52 | 222 |
| 8 | 13.83 | 29.12 | 28.58 | 9.19 | 59.87 | 0.0 | 0.0 | 0.0 | 515.52 | 222 |
| 9 | 13.23 | 29.12 | 29.01 | 9.25 | 59.27 | 0.05 | 0.0 | 0.0 | 515.52 | 222 |
| 10 | 13.22 | 29.01 | 29.43 | 9.01 | 59.27 | 0.10 | 0.0 | 0.0 | 510.52 | 222 |
| 11 | 13.63 | 29.17 | 28.51 | 7.91 | 59.45 | 0.38 | 0.0 | 0.0 | 470.52 | 222 |
| 12 | 13.63 | 29.17 | 28.51 | 7.86 | 54.53 | 0.45 | 0.0 | 0.0 | 465.52 | 222 |
| 13 | 13.63 | 29.17 | 28.51 | 7.18 | 50.31 | 0.90 | 0.0 | 0.0 | 437.91 | 222 |
| 14 | 13.63 | 29.17 | 28.51 | 6.01 | 45.29 | 1.00 | 0.0 | 0.0 | 372.62 | 222 |
| 15 | 13.63 | 29.17 | 28.51 | 5.33 | 42.78 | 0.86 | 0.0 | 0.0 | 372.62 | 222 |
| 16 | 13.63 | 29.17 | 28.51 | 5.50 | 42.78 | 0.90 | 0.0 | 0.0 | 372.62 | 222 |
| 17 | 13.63 | 29.17 | 28.51 | 5.07 | 41.82 | 0.67 | 0.0 | 0.0 | 372.62 | 222 |
| 18 | 13.63 | 29.17 | 28.51 | 5.49 | 42.09 | 0.77 | 0.0 | 0.0 | 372.62 | 222 |
| 19 | 13.63 | 29.17 | 28.51 | 5.75 | 45.46 | 0.59 | 0.0 | 0.0 | 372.62 | 222 |
| 20 | 13.63 | 29.17 | 28.51 | 6.00 | 45.63 | 0.82 | 0.0 | 0.0 | 372.62 | 222 |
| 21 | 13.63 | 29.17 | 28.51 | 5.84 | 43.12 | 0.82 | 0.0 | 0.0 | 372.62 | 222 |
| 22 | 13.63 | 29.17 | 28.51 | 5.53 | 43.85 | 0.80 | 0.0 | 0.0 | 372.62 | 222 |
| 23 | 13.63 | 29.17 | 28.51 | 5.53 | 43.30 | 1.00 | 0.0 | 0.0 | 372.62 | 222 |
| 24 | 13.63 | 29.17 | 28.51 | 4.81 | 40.65 | 1.00 | 0.0 | 0.0 | 372.62 | 222 |
| 25 | 13.63 | 29.17 | 28.51 | 4.52 | 42.15 | 0.95 | 0.0 | 0.0 | 372.62 | 222 |
| 26 | 13.63 | 29.17 | 28.51 | 5.16 | 39.89 | 0.65 | 0.0 | 0.0 | 372.62 | 222 |
| 27 | 13.63 | 29.17 | 28.51 | 5.88 | 38.61 | 0.67 | 0.0 | 0.0 | 372.62 | 222 |
| 28 | 13.63 | 29.17 | 28.51 | 5.23 | 40.85 | 0.48 | 0.0 | 0.0 | 372.62 | 222 |
| 29 | 13.63 | 29.17 | 28.51 | 6.18 | 42.79 | 0.48 | 0.0 | 0.0 | 372.62 | 222 |
| 30 | 13.63 | 29.17 | 28.51 | 6.89 | 42.53 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 31 | 13.63 | 29.17 | 28.51 | 7.08 | 44.15 | 0.15 | 0.0 | 0.0 | 372.62 | 222 |
| 32 | 13.63 | 29.17 | 28.51 | 7.53 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 33 | 13.63 | 29.17 | 28.51 | 7.97 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 34 | 13.63 | 29.17 | 28.51 | 7.97 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 35 | 13.63 | 29.17 | 28.51 | 7.97 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 36 | 13.63 | 29.17 | 28.51 | 7.97 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |
| 37 | 13.63 | 29.17 | 28.51 | 7.97 | 45.91 | 0.10 | 0.0 | 0.0 | 372.62 | 222 |

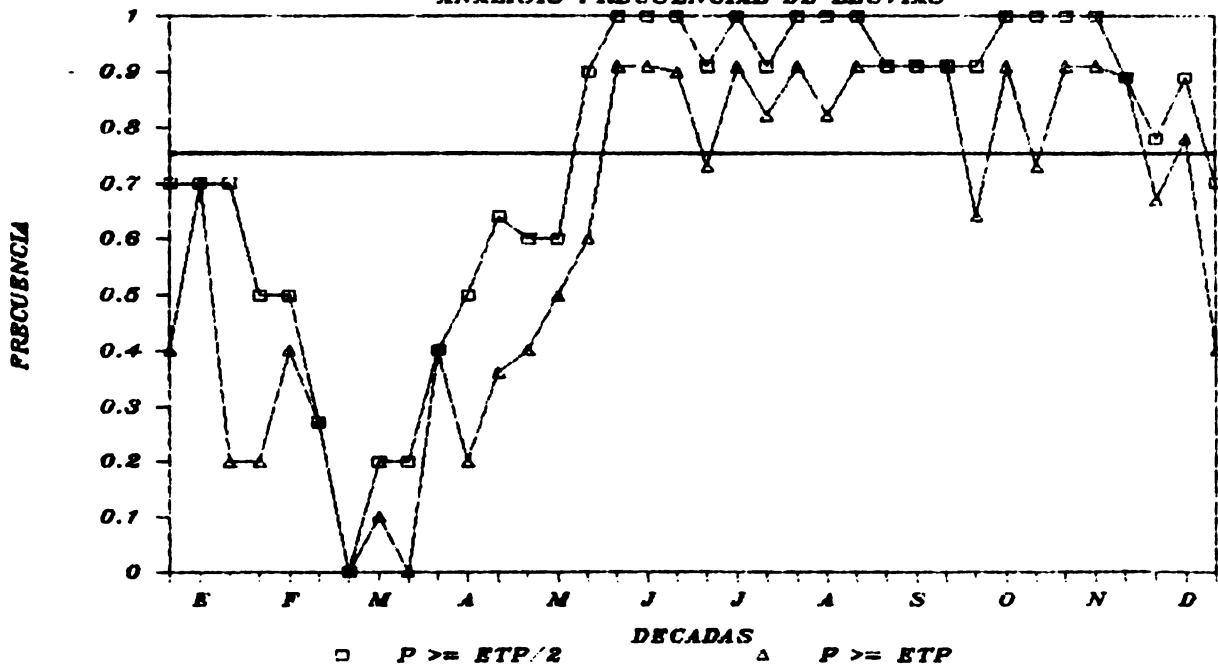
ESTACION PUNTARENAS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION MORAVIA CHIRRIPO
 C WIGC 75CC5 LAT 9 50 LCG 83 26 ALT 1200
 NUMERO DE AÑOS ANALIZADOS 11

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|------|
| 1 | 5.74 | 19.51 | 16.28 | 4.91 | 31.83 | 0.70 | 0.40 | 0.40 | 31.70 | 1000 |
| 2 | 5.57 | 19.78 | 16.20 | 5.17 | 33.10 | 0.70 | 0.70 | 0.50 | 33.00 | 1100 |
| 3 | 10.07 | 20.11 | 16.43 | 6.09 | 37.75 | 0.50 | 0.30 | 0.20 | 37.00 | 1100 |
| 4 | 10.21 | 20.11 | 16.43 | 6.40 | 37.75 | 0.50 | 0.30 | 0.20 | 37.00 | 1100 |
| 5 | 10.59 | 20.30 | 16.58 | 6.80 | 41.98 | 0.27 | 0.40 | 0.18 | 39.00 | 1100 |
| 6 | 10.36 | 20.30 | 16.58 | 6.20 | 41.98 | 0.27 | 0.40 | 0.18 | 39.00 | 1100 |
| 7 | 10.58 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 8 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 9 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 10 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 11 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 12 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 13 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 14 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 15 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 16 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 17 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 18 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 19 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 20 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 21 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 22 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 23 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 24 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 25 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 26 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 27 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 28 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 29 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 30 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 31 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 32 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 33 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 34 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 35 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 36 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |
| 37 | 10.36 | 20.30 | 16.58 | 7.95 | 47.71 | 0.00 | 0.00 | 0.00 | 47.00 | 1100 |

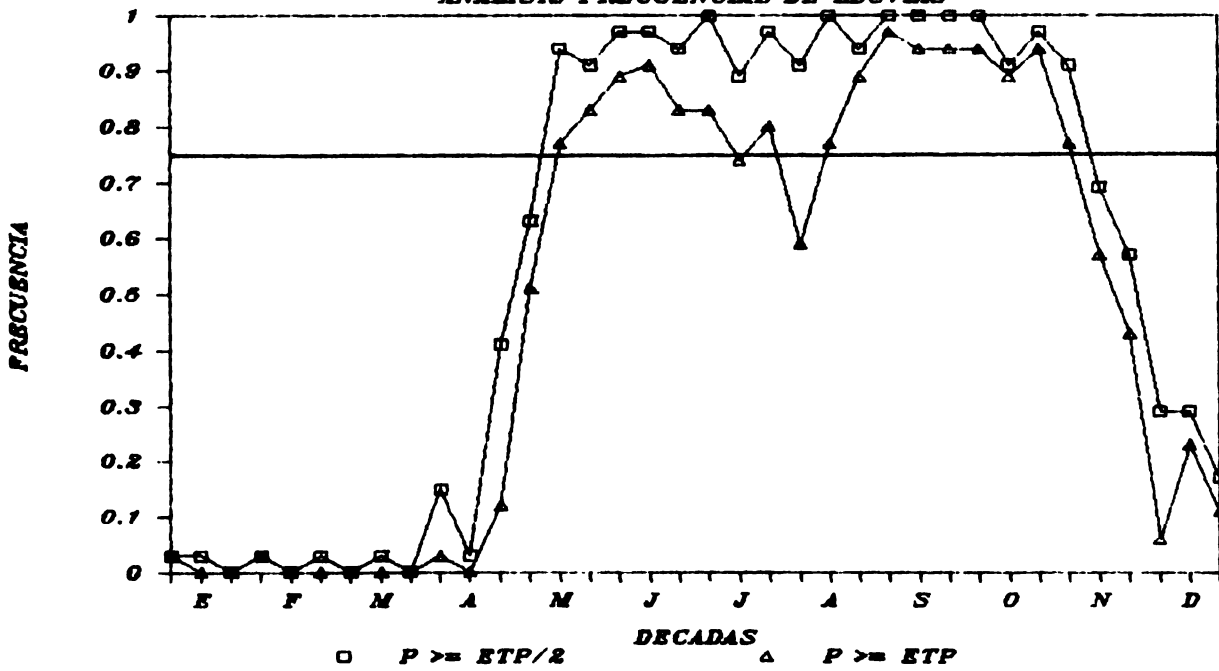
ESTACION MORAVIA CHIRRIPO ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACICA, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION SAN MIGUEL, BARRANCA
 CODIGO 06002 LAT 10 0 LCNG 84 42 ALT 140
 NUMERO DE AÑOS ANALIZADOS 35

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 11.16 | 27.50 | 26.04 | 8.70 | 48.04 | 0.03 | 0.03 | 0.0 | 431.22 | 44 |
| 2 | 11.00 | 28.66 | 26.35 | 8.87 | 49.58 | 0.03 | 0.0 | 0.0 | 443.53 | 34 |
| 3 | 11.05 | 28.89 | 26.66 | 8.88 | 51.01 | 0.03 | 0.0 | 0.0 | 453.31 | 34 |
| 4 | 11.18 | 29.03 | 27.60 | 8.86 | 51.97 | 0.03 | 0.0 | 0.0 | 460.80 | 34 |
| 5 | 11.50 | 29.40 | 28.42 | 8.83 | 55.69 | 0.03 | 0.0 | 0.0 | 474.18 | 34 |
| 6 | 11.02 | 29.75 | 28.76 | 8.94 | 57.34 | 0.03 | 0.0 | 0.0 | 484.07 | 34 |
| 7 | 11.15 | 30.51 | 29.05 | 8.79 | 57.66 | 0.03 | 0.0 | 0.0 | 485.07 | 34 |
| 8 | 11.09 | 30.81 | 29.54 | 8.70 | 57.72 | 0.03 | 0.0 | 0.0 | 485.14 | 34 |
| 9 | 11.20 | 30.85 | 29.80 | 8.15 | 55.33 | 0.03 | 0.0 | 0.0 | 481.95 | 34 |
| 10 | 11.30 | 30.76 | 28.94 | 8.38 | 52.01 | 0.05 | 0.12 | 0.0 | 485.87 | 34 |
| 11 | 11.33 | 30.55 | 27.55 | 7.46 | 45.37 | 0.03 | 0.57 | 0.0 | 455.24 | 34 |
| 12 | 11.51 | 30.33 | 27.05 | 5.16 | 41.94 | 0.04 | 0.77 | 0.0 | 437.20 | 34 |
| 13 | 11.54 | 30.82 | 27.40 | 5.85 | 40.06 | 0.09 | 0.83 | 0.0 | 430.00 | 34 |
| 14 | 11.66 | 30.83 | 25.89 | 4.76 | 39.10 | 0.07 | 0.89 | 0.0 | 360.50 | 35 |
| 15 | 11.70 | 30.83 | 26.00 | 4.03 | 39.92 | 0.09 | 0.83 | 0.0 | 354.50 | 35 |
| 16 | 11.72 | 30.83 | 25.82 | 5.05 | 39.12 | 0.09 | 0.83 | 0.0 | 353.25 | 35 |
| 17 | 11.73 | 30.83 | 25.82 | 5.05 | 40.24 | 1.00 | 0.89 | 0.0 | 353.25 | 35 |
| 18 | 11.73 | 30.83 | 25.82 | 5.05 | 40.83 | 0.09 | 0.74 | 0.0 | 353.25 | 35 |
| 19 | 11.73 | 30.83 | 25.82 | 5.05 | 43.00 | 0.09 | 0.89 | 0.0 | 353.25 | 35 |
| 20 | 11.73 | 30.83 | 25.82 | 5.05 | 41.62 | 1.00 | 0.79 | 0.0 | 353.25 | 35 |
| 21 | 11.73 | 30.83 | 25.82 | 5.05 | 40.14 | 1.00 | 0.89 | 0.0 | 353.25 | 35 |
| 22 | 11.73 | 30.83 | 25.82 | 5.05 | 40.06 | 1.00 | 0.89 | 0.0 | 353.25 | 35 |
| 23 | 11.73 | 30.83 | 25.82 | 5.05 | 39.56 | 1.00 | 0.94 | 0.0 | 353.25 | 35 |
| 24 | 11.73 | 30.83 | 25.82 | 5.05 | 39.56 | 1.00 | 0.94 | 0.0 | 353.25 | 35 |
| 25 | 11.73 | 30.83 | 25.82 | 5.05 | 38.50 | 1.00 | 0.89 | 0.0 | 353.25 | 35 |
| 26 | 11.73 | 30.83 | 25.82 | 5.05 | 37.66 | 0.09 | 0.94 | 0.0 | 353.25 | 35 |
| 27 | 11.73 | 30.83 | 25.82 | 5.05 | 40.51 | 0.09 | 0.77 | 0.0 | 353.25 | 35 |
| 28 | 11.73 | 30.83 | 25.82 | 5.05 | 41.27 | 0.09 | 0.57 | 0.0 | 353.25 | 35 |
| 29 | 11.73 | 30.83 | 25.82 | 5.05 | 45.43 | 0.09 | 0.43 | 0.0 | 353.25 | 35 |
| 30 | 11.73 | 30.83 | 25.82 | 5.05 | 45.25 | 0.09 | 0.43 | 0.0 | 353.25 | 35 |
| 31 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 32 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 33 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 34 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 35 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 36 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |
| 37 | 11.73 | 30.83 | 25.82 | 5.05 | 47.91 | 0.09 | 0.11 | 0.0 | 353.25 | 35 |

ESTACION SAN MIGUEL, BARRANCA ANALISIS FRECUENCIAL DE LLUVIAS



DAIOS DE INSOLACION, TEMPERATURAS CIURNA Y DIARIA, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

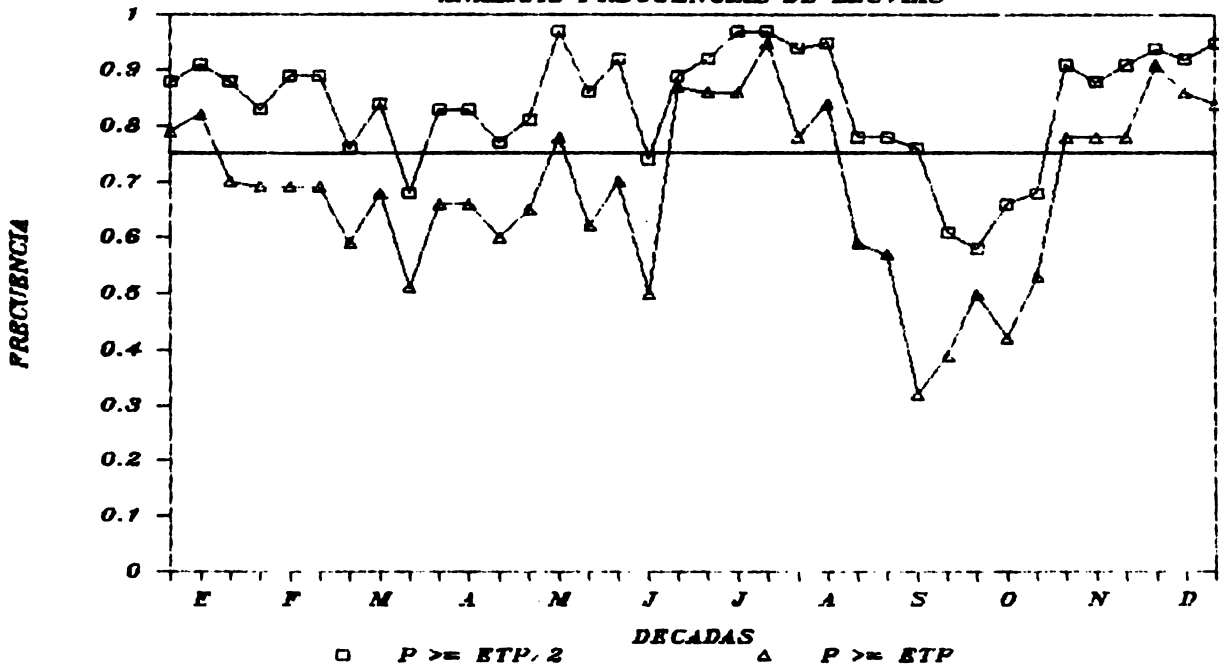
ETP, Y 2*ETP, PARA LA ESTACION LIMCN

CCDIGC 81003 LAT 10 0 LCMG 83 3 ALT 5

NUMERC DE AÑOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | I. DIARIA | INSC | ETP | P1 | P2 | P3 | GC | NE |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 9.03 | 26.44 | 24.94 | 4.77 | 34.27 | 0.88 | 0.75 | 0.67 | 313.61 | 33 |
| 2 | 9.19 | 26.23 | 24.77 | 4.81 | 39.84 | 0.88 | 0.82 | 0.55 | 319.73 | 33 |
| 3 | 9.21 | 26.25 | 24.71 | 5.24 | 39.10 | 0.83 | 0.65 | 0.40 | 315.52 | 33 |
| 4 | 9.22 | 26.15 | 24.61 | 5.35 | 38.05 | 0.89 | 0.65 | 0.33 | 315.24 | 33 |
| 5 | 9.48 | 26.80 | 25.25 | 5.69 | 42.67 | 0.84 | 0.65 | 0.25 | 315.66 | 33 |
| 6 | 9.27 | 27.46 | 25.41 | 5.33 | 41.97 | 0.84 | 0.59 | 0.25 | 317.25 | 33 |
| 7 | 9.12 | 27.35 | 25.82 | 5.72 | 44.07 | 0.83 | 0.51 | 0.40 | 317.10 | 33 |
| 8 | 9.11 | 27.62 | 25.10 | 5.48 | 43.40 | 0.83 | 0.66 | 0.37 | 315.10 | 33 |
| 9 | 9.11 | 27.61 | 26.29 | 6.05 | 45.46 | 0.77 | 0.66 | 0.34 | 315.10 | 33 |
| 10 | 9.58 | 28.15 | 26.57 | 5.01 | 47.68 | 0.87 | 0.65 | 0.34 | 315.42 | 33 |
| 11 | 8.58 | 28.15 | 26.72 | 5.61 | 43.15 | 0.97 | 0.65 | 0.54 | 315.42 | 33 |
| 12 | 8.93 | 28.34 | 26.84 | 5.63 | 43.15 | 0.86 | 0.70 | 0.51 | 315.25 | 33 |
| 13 | 8.64 | 28.11 | 26.65 | 4.16 | 37.48 | 0.92 | 0.60 | 0.51 | 315.36 | 33 |
| 14 | 8.78 | 28.51 | 26.22 | 4.33 | 39.02 | 0.74 | 0.50 | 0.36 | 310.49 | 33 |
| 15 | 8.70 | 27.53 | 26.22 | 3.57 | 33.30 | 0.89 | 0.86 | 0.66 | 310.49 | 33 |
| 16 | 8.70 | 27.22 | 26.24 | 3.27 | 33.81 | 0.97 | 0.66 | 0.70 | 310.66 | 33 |
| 17 | 8.15 | 27.36 | 26.00 | 4.82 | 35.68 | 0.94 | 0.65 | 0.64 | 310.66 | 33 |
| 18 | 8.45 | 27.56 | 26.14 | 4.15 | 36.97 | 0.95 | 0.58 | 0.64 | 310.82 | 33 |
| 19 | 8.45 | 27.82 | 26.42 | 5.04 | 37.85 | 0.78 | 0.59 | 0.43 | 310.82 | 33 |
| 20 | 8.45 | 27.81 | 26.42 | 5.55 | 37.43 | 0.78 | 0.57 | 0.43 | 312.25 | 33 |
| 21 | 8.45 | 27.81 | 26.42 | 5.21 | 38.28 | 0.76 | 0.52 | 0.30 | 312.25 | 33 |
| 22 | 8.45 | 27.81 | 26.42 | 5.13 | 40.30 | 0.61 | 0.50 | 0.24 | 312.25 | 33 |
| 23 | 8.45 | 27.81 | 26.42 | 5.99 | 42.65 | 0.68 | 0.43 | 0.27 | 312.25 | 33 |
| 24 | 8.45 | 27.81 | 26.42 | 5.19 | 38.49 | 0.68 | 0.43 | 0.27 | 312.25 | 33 |
| 25 | 8.45 | 27.81 | 26.42 | 5.14 | 38.49 | 0.91 | 0.78 | 0.50 | 312.25 | 33 |
| 26 | 8.45 | 27.81 | 26.42 | 4.39 | 34.68 | 0.88 | 0.78 | 0.50 | 312.25 | 33 |
| 27 | 8.45 | 27.81 | 26.42 | 4.59 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 28 | 8.45 | 27.81 | 26.42 | 4.78 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 29 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 30 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 31 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 32 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 33 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 34 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 35 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 36 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 37 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 38 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 39 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 40 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 41 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 42 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 43 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 44 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 45 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 46 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 47 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 48 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 49 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |
| 50 | 8.45 | 27.81 | 26.42 | 4.91 | 34.68 | 0.94 | 0.51 | 0.30 | 312.25 | 33 |

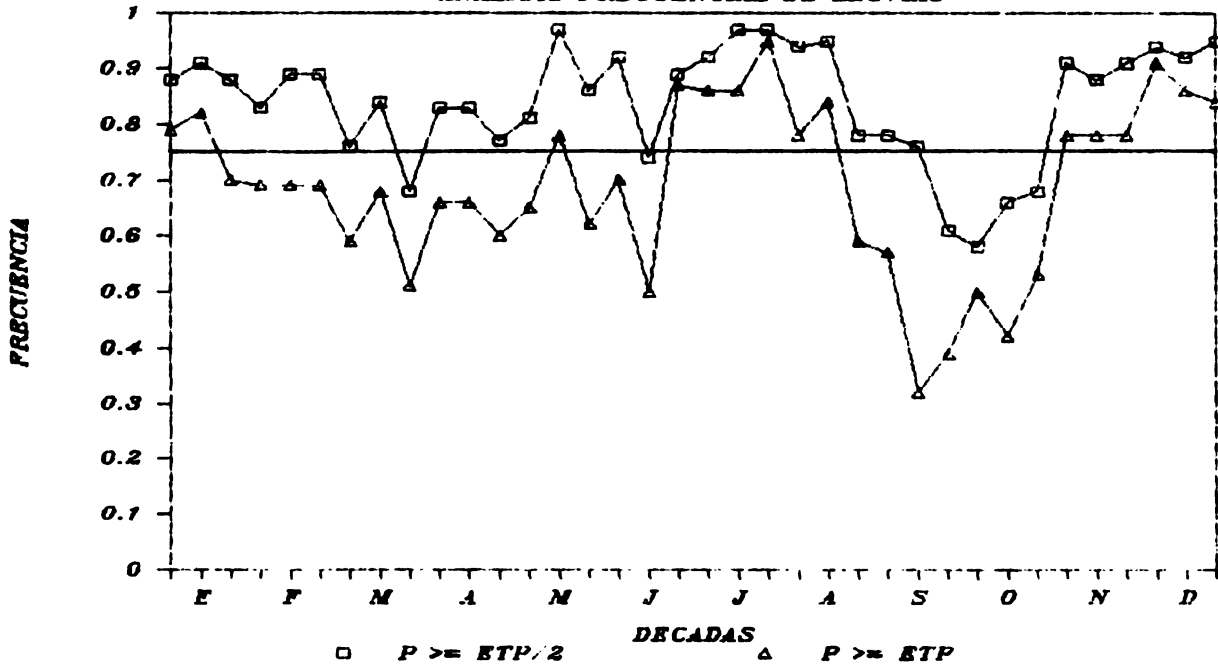
ESTACION LIMON ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LIMCN
 CODIGO 81003 LAT 10 0 LONG 83 3 ALT 5
 NUMERO DE AÑOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | P1 | P2 | P3 | GC | NR |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 9.03 | 26.44 | 24.94 | 4.77 | 34.27 | 0.88 | 0.75 | 0.67 | 313.61 | 33 |
| 2 | 9.19 | 26.20 | 24.77 | 4.81 | 34.84 | 0.88 | 0.70 | 0.55 | 319.73 | 33 |
| 3 | 9.08 | 26.25 | 24.71 | 5.03 | 33.10 | 0.89 | 0.65 | 0.40 | 315.52 | 33 |
| 4 | 9.70 | 26.64 | 25.02 | 5.35 | 38.03 | 0.89 | 0.65 | 0.33 | 345.24 | 36 |
| 5 | 9.48 | 26.00 | 25.24 | 5.09 | 40.55 | 0.76 | 0.69 | 0.22 | 351.66 | 36 |
| 6 | 9.17 | 27.35 | 25.41 | 5.33 | 42.67 | 0.74 | 0.68 | 0.34 | 367.25 | 37 |
| 7 | 9.12 | 27.62 | 25.82 | 5.48 | 44.07 | 0.83 | 0.66 | 0.40 | 381.56 | 37 |
| 8 | 9.11 | 27.81 | 26.10 | 5.53 | 43.47 | 0.83 | 0.66 | 0.37 | 357.10 | 35 |
| 9 | 8.85 | 28.05 | 26.19 | 5.48 | 43.40 | 0.77 | 0.65 | 0.34 | 351.02 | 35 |
| 10 | 8.58 | 28.15 | 26.57 | 5.62 | 43.68 | 0.81 | 0.65 | 0.41 | 358.44 | 37 |
| 11 | 8.99 | 28.34 | 26.72 | 5.01 | 41.15 | 0.87 | 0.71 | 0.41 | 368.22 | 37 |
| 12 | 8.83 | 28.11 | 26.65 | 5.16 | 42.48 | 0.86 | 0.62 | 0.41 | 365.36 | 37 |
| 13 | 7.70 | 27.23 | 26.22 | 4.64 | 37.02 | 0.92 | 0.57 | 0.51 | 335.49 | 37 |
| 14 | 7.58 | 27.23 | 26.22 | 4.33 | 33.30 | 0.80 | 0.50 | 0.46 | 340.45 | 37 |
| 15 | 8.11 | 27.36 | 26.54 | 4.27 | 34.86 | 0.97 | 0.66 | 0.47 | 355.36 | 38 |
| 16 | 8.25 | 27.36 | 26.00 | 4.00 | 33.69 | 0.94 | 0.65 | 0.43 | 346.82 | 37 |
| 17 | 8.40 | 27.36 | 26.14 | 4.15 | 37.85 | 0.94 | 0.65 | 0.43 | 353.41 | 37 |
| 18 | 8.76 | 27.51 | 26.42 | 4.55 | 41.42 | 0.78 | 0.59 | 0.43 | 342.15 | 37 |
| 19 | 8.77 | 27.51 | 26.41 | 4.21 | 38.28 | 0.76 | 0.59 | 0.43 | 342.72 | 37 |
| 20 | 8.35 | 27.61 | 26.33 | 4.13 | 41.38 | 0.61 | 0.50 | 0.40 | 345.72 | 38 |
| 21 | 8.31 | 27.61 | 26.41 | 4.77 | 40.30 | 0.58 | 0.50 | 0.18 | 371.62 | 38 |
| 22 | 8.35 | 27.61 | 26.41 | 5.19 | 45.65 | 0.68 | 0.53 | 0.16 | 362.42 | 38 |
| 23 | 8.18 | 27.61 | 26.15 | 4.39 | 38.79 | 0.88 | 0.78 | 0.24 | 356.45 | 38 |
| 24 | 8.33 | 27.91 | 25.71 | 4.59 | 34.68 | 0.91 | 0.78 | 0.37 | 346.54 | 38 |
| 25 | 8.34 | 26.91 | 25.59 | 4.78 | 34.62 | 0.91 | 0.78 | 0.37 | 346.54 | 38 |
| 26 | 8.01 | 26.41 | 25.41 | 4.91 | 31.20 | 0.92 | 0.81 | 0.45 | 311.41 | 32 |
| 27 | 8.47 | 26.33 | 24.82 | 4.95 | 33.37 | 0.88 | 0.84 | 0.45 | 315.45 | 32 |
| 28 | 8.47 | 26.33 | 24.82 | 4.65 | 33.68 | 0.88 | 0.84 | 0.45 | 315.45 | 32 |

ESTACION LIMON ANALISIS FRECUENCIAL DE LLUVIAS



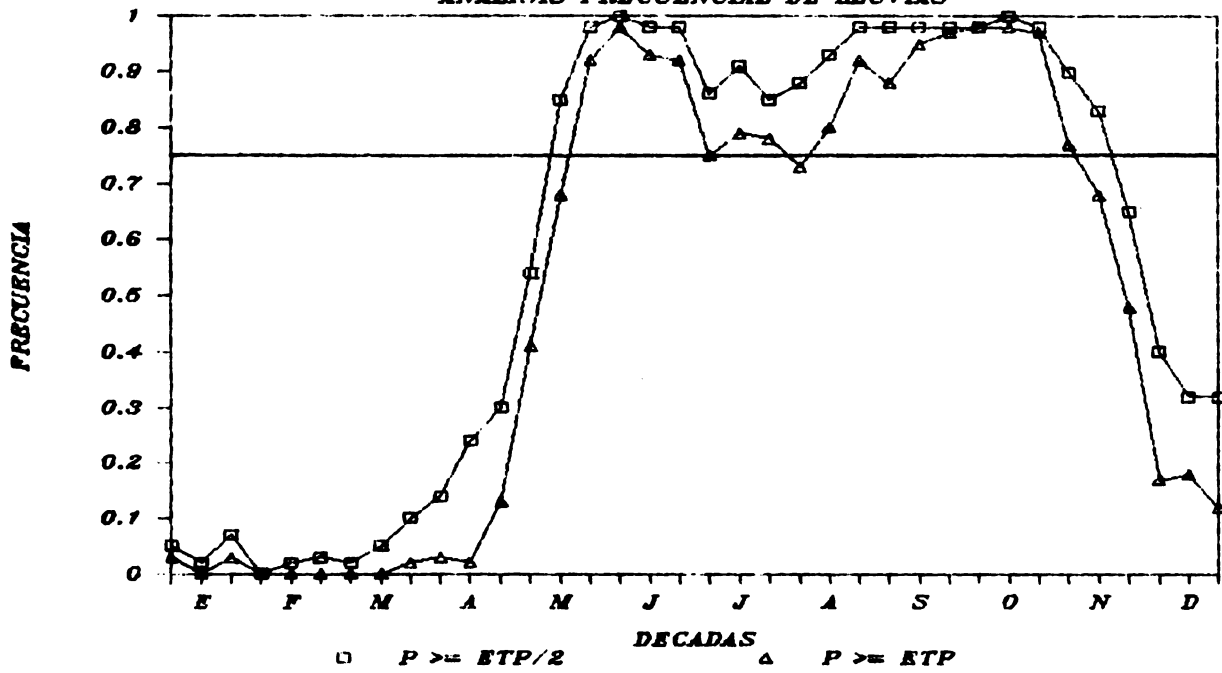
DAIOS DE INSOLACION, TEMPERATURAS DIURNA Y NOCTURNA, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION SAN JOSE

CODIGO 84001 LAT 9 56 LONG 84 5 ALT 1172
NUMERO DE AÑOS ANALIZADOS 60

| LEGADA | AMPLITUD | T. DIURNA | 1. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|-------|------|------|------|--------|----|----|
| 1 | 20.64 | 19.51 | 6.04 | 35.53 | 0.05 | 0.03 | 0.0 | 352.02 | 60 | |
| 2 | 20.83 | 19.55 | 6.24 | 36.86 | 0.07 | 0.03 | 0.0 | 363.54 | 60 | |
| 3 | 21.14 | 19.65 | 7.48 | 41.73 | 0.07 | 0.03 | 0.0 | 412.78 | 60 | |
| 4 | 20.75 | 19.49 | 7.24 | 41.72 | 0.02 | 0.0 | 0.0 | 422.90 | 60 | |
| 5 | 21.10 | 19.73 | 7.35 | 42.87 | 0.02 | 0.0 | 0.0 | 435.75 | 60 | |
| 6 | 21.82 | 20.25 | 7.35 | 47.31 | 0.05 | 0.0 | 0.0 | 461.66 | 60 | |
| 7 | 21.88 | 20.21 | 7.94 | 46.04 | 0.05 | 0.02 | 0.0 | 449.66 | 60 | |
| 8 | 22.14 | 21.66 | 6.88 | 45.25 | 0.14 | 0.03 | 0.0 | 439.53 | 60 | |
| 9 | 22.57 | 21.52 | 6.46 | 45.25 | 0.24 | 0.13 | 0.02 | 424.35 | 60 | |
| 10 | 23.27 | 21.66 | 6.93 | 45.06 | 0.30 | 0.41 | 0.0 | 437.98 | 60 | |
| 11 | 23.16 | 21.72 | 4.95 | 38.29 | 0.54 | 0.68 | 0.04 | 351.40 | 60 | |
| 12 | 23.24 | 21.35 | 4.66 | 37.01 | 0.98 | 0.92 | 0.0 | 353.05 | 60 | |
| 13 | 22.43 | 21.35 | 4.25 | 35.06 | 1.00 | 0.98 | 0.0 | 352.05 | 60 | |
| 14 | 22.20 | 21.02 | 3.67 | 32.85 | 0.98 | 0.75 | 0.0 | 336.74 | 60 | |
| 15 | 22.50 | 21.02 | 3.20 | 31.36 | 0.86 | 0.79 | 0.0 | 309.74 | 60 | |
| 16 | 22.51 | 20.16 | 3.79 | 37.10 | 0.91 | 0.73 | 0.0 | 304.43 | 60 | |
| 17 | 22.56 | 20.73 | 4.13 | 34.86 | 0.88 | 0.73 | 0.0 | 337.50 | 60 | |
| 18 | 22.34 | 20.00 | 4.64 | 36.94 | 0.93 | 0.80 | 0.0 | 335.39 | 60 | |
| 19 | 22.36 | 20.54 | 4.54 | 36.75 | 0.98 | 0.88 | 0.0 | 335.50 | 60 | |
| 20 | 22.36 | 20.56 | 4.34 | 36.23 | 0.98 | 0.88 | 0.0 | 335.50 | 60 | |
| 21 | 22.00 | 21.19 | 4.32 | 34.80 | 0.98 | 0.97 | 0.0 | 334.79 | 60 | |
| 22 | 22.53 | 21.12 | 4.35 | 34.88 | 1.00 | 0.98 | 0.0 | 331.23 | 60 | |
| 23 | 22.22 | 20.89 | 4.29 | 33.81 | 0.98 | 0.98 | 0.0 | 332.74 | 60 | |
| 24 | 22.22 | 20.57 | 3.35 | 33.69 | 0.90 | 0.91 | 0.0 | 325.51 | 60 | |
| 25 | 21.86 | 20.32 | 3.77 | 33.47 | 0.65 | 0.68 | 0.0 | 325.51 | 60 | |
| 26 | 21.31 | 20.04 | 5.23 | 33.47 | 0.40 | 0.48 | 0.0 | 328.02 | 60 | |
| 27 | 21.31 | 19.28 | 4.82 | 31.69 | 0.32 | 0.18 | 0.0 | 312.92 | 60 | |
| 28 | 20.47 | 19.28 | 5.60 | 32.61 | 0.37 | 0.12 | 0.0 | 324.14 | 60 | |
| 29 | 20.47 | 19.33 | 5.17 | 32.61 | 0.30 | 0.07 | 0.0 | 324.14 | 60 | |

ESTACION SAN JOSE ANALISIS FRECUENCIAL DE LLUVIAS



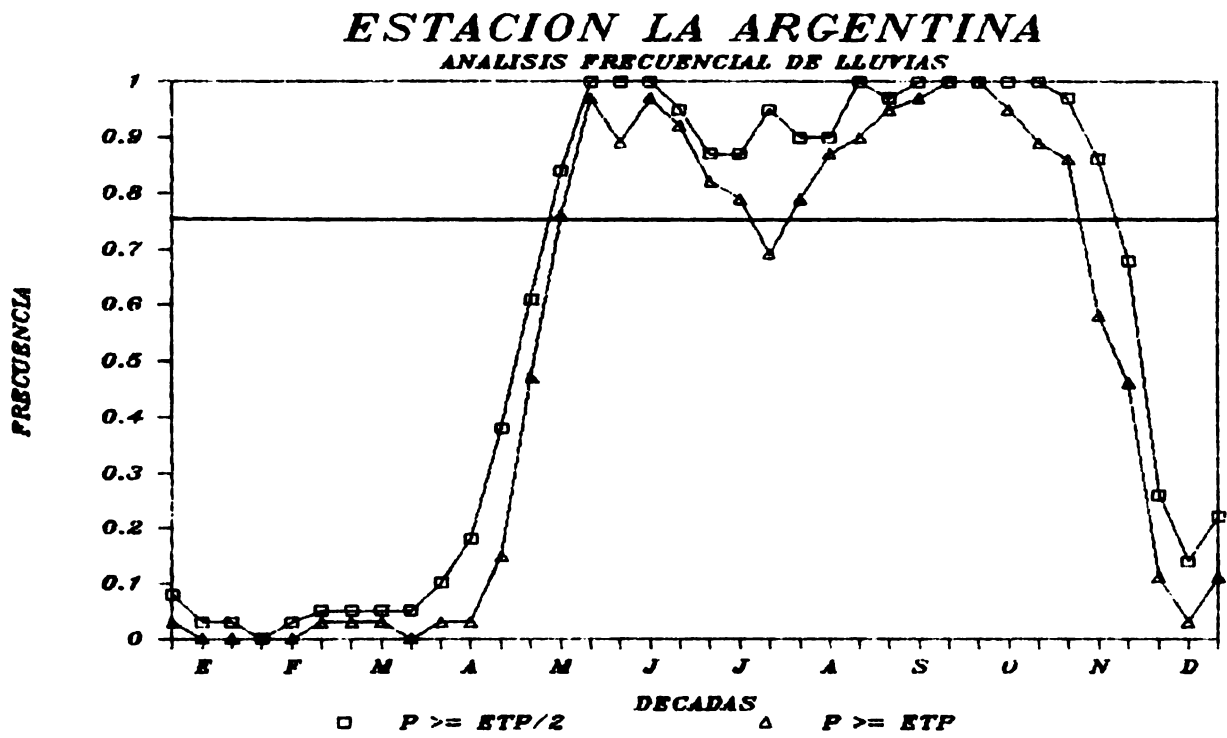
DA TOS DE INSLIACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION SEA MAYOR O IGUAL A ETP/2

LA ARGENTINA

NUMERO DE AÑOS ANALIZADOS 40

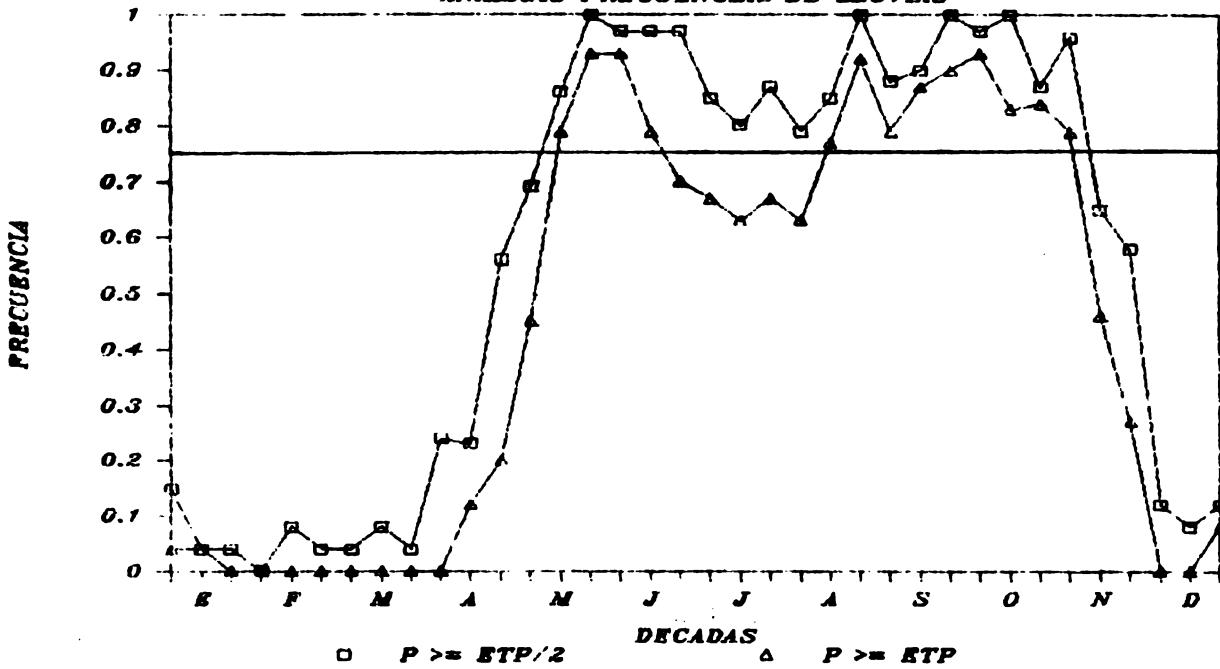
| LEGAJA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NE |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.78 | 24.85 | 22.09 | 8.23 | 44.61 | 0.08 | 0.03 | 0.0 | 416.85 | 37 |
| 2 | 11.95 | 25.05 | 23.09 | 8.29 | 45.68 | 0.03 | 0.0 | 0.0 | 425.70 | 37 |
| 3 | 12.43 | 25.51 | 23.35 | 8.34 | 47.08 | 0.03 | 0.0 | 0.0 | 436.27 | 37 |
| 4 | 12.84 | 25.81 | 23.46 | 8.38 | 48.27 | 0.03 | 0.0 | 0.0 | 447.26 | 37 |
| 5 | 12.86 | 26.11 | 23.57 | 8.37 | 49.78 | 0.03 | 0.0 | 0.0 | 459.16 | 37 |
| 6 | 13.00 | 26.41 | 23.55 | 8.19 | 50.29 | 0.03 | 0.03 | 0.0 | 472.35 | 38 |
| 7 | 13.21 | 26.59 | 24.40 | 8.25 | 51.52 | 0.05 | 0.03 | 0.0 | 475.83 | 38 |
| 8 | 13.00 | 26.54 | 24.48 | 8.20 | 52.84 | 0.05 | 0.0 | 0.0 | 482.03 | 38 |
| 9 | 13.00 | 26.54 | 24.48 | 7.76 | 51.27 | 0.10 | 0.03 | 0.0 | 488.58 | 38 |
| 10 | 12.54 | 26.67 | 24.38 | 7.51 | 50.40 | 0.18 | 0.03 | 0.0 | 455.86 | 39 |
| 11 | 12.59 | 26.63 | 24.24 | 6.74 | 47.06 | 0.38 | 0.15 | 0.0 | 431.79 | 39 |
| 12 | 11.76 | 26.03 | 24.10 | 5.55 | 42.31 | 0.61 | 0.47 | 0.21 | 389.59 | 38 |
| 13 | 10.30 | 25.52 | 23.32 | 4.84 | 38.60 | 0.80 | 0.97 | 0.66 | 336.86 | 38 |
| 14 | 10.30 | 24.77 | 23.11 | 4.63 | 37.50 | 1.00 | 0.89 | 0.74 | 350.70 | 38 |
| 15 | 9.89 | 24.67 | 23.04 | 4.70 | 37.50 | 0.95 | 0.97 | 0.77 | 351.30 | 38 |
| 16 | 9.85 | 24.76 | 23.14 | 4.63 | 37.24 | 0.87 | 0.92 | 0.72 | 348.44 | 38 |
| 17 | 9.96 | 24.93 | 23.30 | 4.75 | 37.98 | 0.87 | 0.82 | 0.41 | 354.14 | 39 |
| 18 | 10.21 | 24.85 | 23.17 | 4.80 | 38.35 | 0.95 | 0.79 | 0.49 | 358.55 | 39 |
| 19 | 10.41 | 24.81 | 23.03 | 4.74 | 38.37 | 0.90 | 0.87 | 0.49 | 358.56 | 39 |
| 20 | 10.35 | 24.50 | 22.78 | 4.69 | 38.27 | 0.90 | 0.90 | 0.49 | 355.16 | 39 |
| 21 | 10.53 | 24.22 | 22.67 | 4.66 | 38.30 | 1.00 | 0.95 | 0.72 | 360.00 | 39 |
| 22 | 9.69 | 24.14 | 22.54 | 4.99 | 39.25 | 0.90 | 0.57 | 0.77 | 370.00 | 39 |
| 23 | 9.49 | 24.14 | 22.61 | 5.26 | 39.90 | 1.00 | 1.00 | 0.81 | 376.78 | 37 |
| 24 | 9.57 | 24.25 | 22.54 | 4.99 | 39.49 | 1.00 | 1.00 | 0.78 | 366.80 | 37 |
| 25 | 9.56 | 24.14 | 22.62 | 5.29 | 39.38 | 1.00 | 0.86 | 0.79 | 366.80 | 37 |
| 26 | 9.56 | 24.25 | 22.61 | 4.70 | 36.74 | 0.86 | 0.56 | 0.47 | 344.10 | 36 |
| 27 | 10.82 | 24.50 | 22.77 | 5.38 | 36.01 | 0.68 | 0.46 | 0.34 | 346.10 | 36 |
| 28 | 11.03 | 24.67 | 22.55 | 5.43 | 42.30 | 0.14 | 0.03 | 0.0 | 395.57 | 35 |
| 29 | 11.57 | 24.67 | 22.75 | 7.60 | 42.03 | 0.23 | 0.0 | 0.0 | 393.00 | 35 |
| 30 | 11.57 | 24.67 | 22.80 | 8.31 | 44.56 | 0.03 | 0.0 | 0.0 | 417.00 | 35 |



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2 ETP, Y 2*ETP, PARA LA ESTACION ATENAS
 CCDIGO 84004 LAT 9 59 LCG 84 23 ALT 696
 NUMERO DE AÑOS ANALIZADOS 32

| CC-CA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 12.25 | 25.45 | 23.41 | 7.95 | 44.08 | 0.15 | 0.04 | 0.0 | 408.79 | 26 |
| 2 | 12.41 | 26.61 | 23.86 | 8.15 | 45.61 | 0.04 | 0.0 | 0.0 | 421.24 | 26 |
| 3 | 12.80 | 26.01 | 24.00 | 8.36 | 47.77 | 0.08 | 0.0 | 0.0 | 438.10 | 26 |
| 4 | 12.35 | 26.54 | 24.52 | 8.11 | 49.60 | 0.04 | 0.0 | 0.0 | 454.24 | 26 |
| 5 | 13.35 | 27.03 | 24.78 | 8.21 | 50.52 | 0.04 | 0.0 | 0.0 | 460.54 | 26 |
| 6 | 13.49 | 27.24 | 24.56 | 8.18 | 52.72 | 0.08 | 0.0 | 0.0 | 477.61 | 26 |
| 7 | 13.62 | 27.12 | 24.88 | 7.98 | 52.42 | 0.04 | 0.0 | 0.0 | 477.73 | 26 |
| 8 | 13.97 | 27.20 | 25.04 | 7.63 | 51.93 | 0.23 | 0.10 | 0.0 | 474.36 | 28 |
| 9 | 12.45 | 27.72 | 25.64 | 7.29 | 49.42 | 0.23 | 0.25 | 0.0 | 452.28 | 25 |
| 10 | 11.91 | 26.72 | 24.48 | 6.63 | 46.82 | 0.59 | 0.79 | 0.0 | 423.71 | 25 |
| 11 | 11.03 | 25.86 | 24.33 | 5.64 | 38.60 | 0.86 | 0.93 | 0.0 | 355.41 | 25 |
| 12 | 10.57 | 25.37 | 24.60 | 4.68 | 37.18 | 1.00 | 0.93 | 0.0 | 335.41 | 25 |
| 13 | 10.26 | 25.10 | 23.43 | 4.69 | 37.86 | 0.97 | 0.79 | 0.0 | 322.41 | 25 |
| 14 | 10.08 | 25.04 | 23.46 | 4.79 | 37.96 | 0.97 | 0.67 | 0.0 | 356.20 | 27 |
| 15 | 10.13 | 25.15 | 23.61 | 5.20 | 38.33 | 0.85 | 0.63 | 0.0 | 369.29 | 30 |
| 16 | 10.08 | 25.36 | 23.66 | 5.97 | 39.75 | 0.87 | 0.67 | 0.0 | 378.51 | 30 |
| 17 | 10.26 | 25.26 | 23.52 | 5.97 | 39.75 | 0.87 | 0.63 | 0.0 | 375.16 | 30 |
| 18 | 10.46 | 25.54 | 23.50 | 5.25 | 40.35 | 0.79 | 0.67 | 0.0 | 363.51 | 30 |
| 19 | 10.54 | 25.26 | 23.32 | 4.59 | 39.52 | 0.85 | 0.77 | 0.0 | 375.54 | 30 |
| 20 | 10.38 | 25.83 | 23.06 | 4.62 | 38.28 | 1.00 | 0.92 | 0.0 | 358.27 | 30 |
| 21 | 10.64 | 24.64 | 22.83 | 4.64 | 38.11 | 0.88 | 0.87 | 0.0 | 358.72 | 30 |
| 22 | 9.64 | 24.46 | 22.80 | 4.64 | 37.84 | 1.00 | 0.90 | 0.0 | 357.52 | 30 |
| 23 | 9.58 | 24.44 | 22.88 | 4.69 | 37.59 | 1.00 | 0.93 | 0.0 | 355.52 | 30 |
| 24 | 9.58 | 24.44 | 22.83 | 4.64 | 36.01 | 0.87 | 0.84 | 0.0 | 344.46 | 30 |
| 25 | 9.97 | 24.55 | 22.93 | 5.21 | 36.01 | 0.96 | 0.79 | 0.0 | 348.48 | 31 |
| 26 | 9.97 | 24.55 | 22.93 | 6.16 | 37.20 | 0.65 | 0.46 | 0.0 | 370.52 | 31 |
| 27 | 10.22 | 24.89 | 23.08 | 6.59 | 40.19 | 0.65 | 0.27 | 0.0 | 375.52 | 31 |
| 28 | 11.01 | 25.01 | 23.15 | 7.89 | 43.75 | 0.12 | 0.0 | 0.0 | 308.11 | 35 |
| 29 | 11.50 | 25.33 | 23.42 | 7.87 | 43.71 | 0.08 | 0.0 | 0.0 | 308.11 | 35 |
| 30 | 11.94 | 25.34 | 23.42 | 7.63 | 42.46 | 0.08 | 0.0 | 0.0 | 354.85 | 36 |
| 31 | 12.22 | 25.34 | 23.30 | 8.11 | 44.29 | 0.10 | 0.0 | 0.0 | 411.25 | 37 |

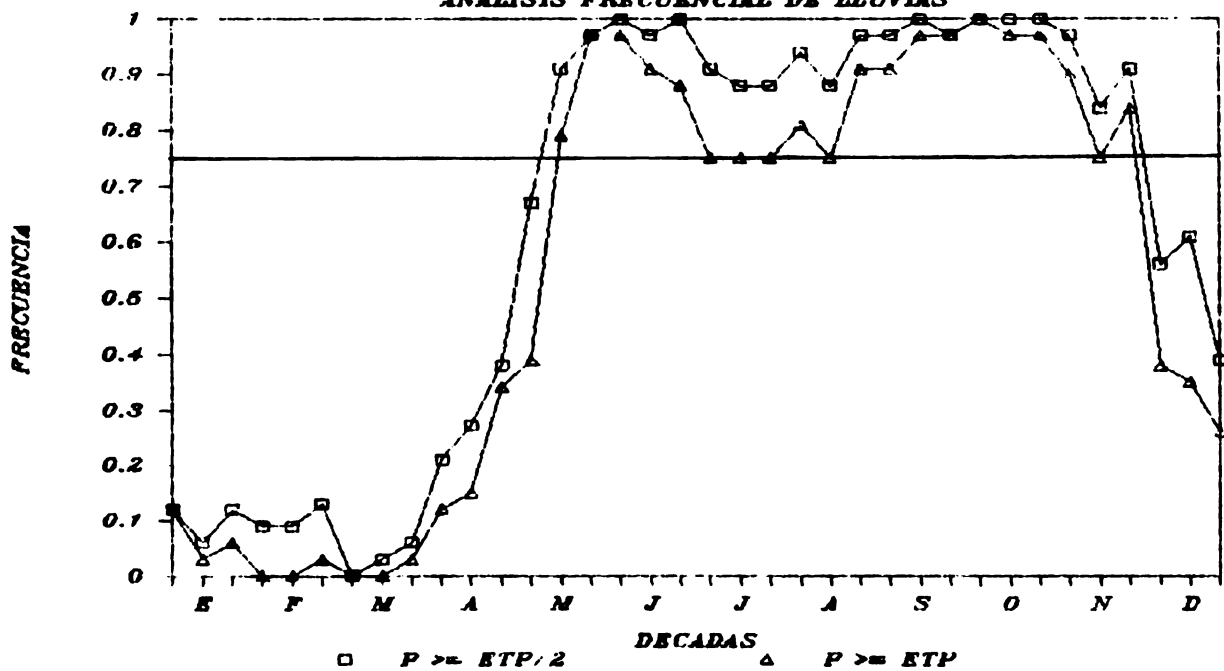
ESTACION ATENAS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS CUJRNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION AVANCE DE TRES RIOS
 CODICC 84005 LAT 9 56 LCNG U3 58 ALT 1870
 NUMERO DE AÑOS ANALIZADOS 35

| SECA | AMPLITUD | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|------|----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 3.59 | 15.16 | 7.85 | 37.83 | 0.12 | 0.12 | C.0 | 406.64 | 33 |
| 2 | 3.89 | 14.15 | 8.02 | 38.74 | 0.06 | 0.03 | 0.0 | 418.34 | 33 |
| 3 | 5.30 | 15.26 | 7.90 | 39.64 | 0.12 | 0.06 | 0.0 | 423.64 | 33 |
| 4 | 4.04 | 14.00 | 8.09 | 40.53 | 0.09 | 0.0 | 0.0 | 435.64 | 33 |
| 5 | 4.47 | 14.80 | 8.09 | 41.53 | 0.09 | 0.0 | 0.0 | 459.14 | 33 |
| 6 | 4.39 | 15.06 | 8.28 | 42.76 | 0.13 | 0.03 | 0.0 | 475.14 | 33 |
| 7 | 4.61 | 15.73 | 8.28 | 44.05 | 0.03 | 0.0 | 0.0 | 481.68 | 33 |
| 8 | 4.30 | 17.09 | 8.07 | 45.79 | 0.03 | 0.0 | 0.0 | 453.25 | 33 |
| 9 | 5.22 | 16.46 | 7.30 | 43.05 | 0.06 | 0.12 | 0.0 | 452.32 | 33 |
| 10 | 5.14 | 17.31 | 7.30 | 43.64 | 0.21 | 0.15 | 0.0 | 451.36 | 33 |
| 11 | 6.20 | 17.54 | 6.49 | 41.32 | 0.27 | 0.34 | 0.0 | 362.44 | 33 |
| 12 | 6.06 | 17.47 | 5.62 | 38.33 | 0.67 | 0.39 | 0.0 | 351.75 | 33 |
| 13 | 6.19 | 18.43 | 4.85 | 36.99 | 0.91 | 0.79 | 0.0 | 362.44 | 33 |
| 14 | 6.70 | 19.55 | 4.66 | 39.59 | 0.91 | 0.57 | 0.0 | 369.51 | 33 |
| 15 | 5.60 | 15.55 | 5.28 | 36.55 | 1.07 | C.57 | 0.0 | 345.66 | 33 |
| 16 | 6.94 | 19.23 | 4.65 | 34.24 | 1.07 | C.57 | 0.0 | 345.66 | 33 |
| 17 | 5.91 | 17.81 | 4.76 | 34.34 | 1.00 | C.57 | 0.0 | 352.69 | 33 |
| 18 | 4.99 | 17.13 | 4.73 | 34.07 | 0.91 | 0.75 | 0.0 | 352.69 | 33 |
| 19 | 4.99 | 17.49 | 4.82 | 35.07 | 0.88 | 0.75 | 0.0 | 352.69 | 33 |
| 20 | 5.12 | 18.43 | 4.93 | 35.60 | 0.94 | 0.91 | 0.0 | 362.44 | 33 |
| 21 | 4.14 | 15.13 | 4.93 | 36.03 | 0.88 | 0.75 | 0.0 | 362.44 | 33 |
| 22 | 6.18 | 17.83 | 4.76 | 35.69 | 0.97 | 0.91 | 0.0 | 362.44 | 33 |
| 23 | 6.85 | 17.02 | 5.14 | 37.15 | 0.97 | 0.91 | 0.0 | 362.44 | 33 |
| 24 | 6.85 | 18.07 | 5.06 | 38.82 | 1.00 | 0.97 | 0.0 | 375.32 | 33 |
| 25 | 7.72 | 19.22 | 6.91 | 39.82 | 1.00 | 0.97 | 0.0 | 375.32 | 33 |
| 26 | 7.13 | 18.00 | 6.06 | 42.84 | 1.00 | 1.00 | 0.0 | 413.58 | 33 |
| 27 | 8.01 | 17.70 | 6.71 | 42.84 | 1.00 | 1.00 | 0.0 | 413.58 | 33 |
| 28 | 6.81 | 17.54 | 6.29 | 38.36 | 1.00 | 0.97 | 0.0 | 413.58 | 33 |
| 29 | 6.46 | 17.32 | 5.29 | 34.36 | 0.57 | 0.57 | 0.0 | 351.75 | 33 |
| 30 | 5.38 | 16.84 | 4.62 | 31.26 | 0.54 | 0.54 | 0.0 | 346.47 | 33 |
| 31 | 5.46 | 16.78 | 4.75 | 30.94 | 0.91 | 0.84 | 0.0 | 346.47 | 33 |
| 32 | 4.63 | 16.16 | 5.91 | 33.39 | 0.56 | 0.38 | 0.0 | 346.47 | 33 |
| 33 | 4.83 | 15.57 | 5.95 | 32.70 | 0.61 | 0.35 | 0.0 | 346.47 | 33 |
| 34 | 4.83 | 14.21 | 7.08 | 35.13 | 0.39 | 0.26 | 0.0 | 346.47 | 33 |
| 35 | 4.75 | 14.19 | 8.14 | 38.20 | 0.11 | 0.20 | 0.0 | 346.47 | 33 |

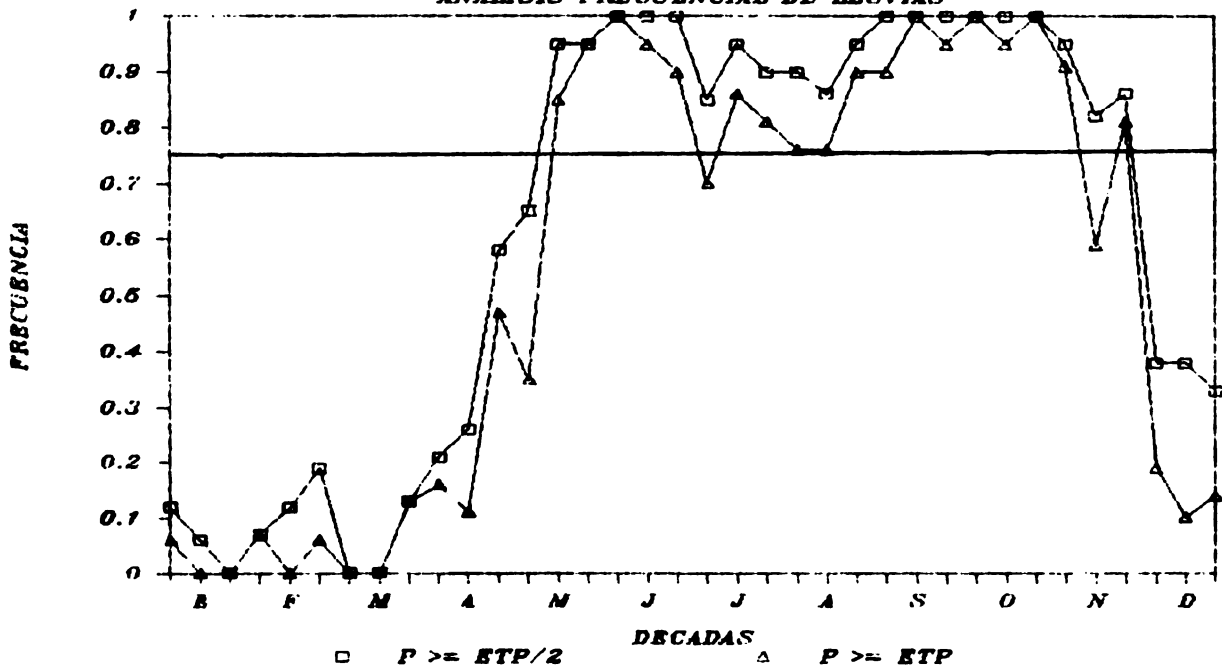
ESTACION AVANCE DE TRES RIOS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR U IGUAL A ETP/2
 ETP, Y Z*ETP, PARA LA ESTACION TRES RIOS, HCA CONCEP
 CODIGO 84006 LAT 9 55 LONG 84 C ALT 1320
 NUMERO DE AÑOS ANALIZADOS 22

| DECAJA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 7.64 | 15.55 | 18.72 | 8.00 | 41.07 | 0.12 | 0.06 | 0.00 | 410.67 | 17 |
| 2 | 7.88 | 19.85 | 18.82 | 8.10 | 42.01 | 0.00 | 0.00 | 0.00 | 420.66 | 16 |
| 3 | 8.06 | 20.30 | 18.69 | 8.10 | 43.76 | 0.07 | 0.07 | 0.00 | 430.21 | 15 |
| 4 | 8.15 | 20.14 | 18.71 | 8.08 | 45.09 | 0.12 | 0.00 | 0.00 | 440.52 | 16 |
| 5 | 8.52 | 20.52 | 19.10 | 7.86 | 45.62 | 0.19 | 0.06 | 0.00 | 452.65 | 16 |
| 6 | 8.59 | 21.00 | 19.56 | 8.18 | 47.83 | 0.00 | 0.00 | 0.00 | 471.43 | 16 |
| 7 | 8.60 | 21.02 | 19.25 | 8.29 | 48.07 | 0.00 | 0.00 | 0.00 | 468.23 | 19 |
| 8 | 9.57 | 21.45 | 19.94 | 7.79 | 48.05 | 0.13 | 0.16 | 0.00 | 441.33 | 15 |
| 9 | 9.57 | 21.05 | 20.57 | 6.95 | 45.05 | 0.21 | 0.16 | 0.05 | 441.22 | 19 |
| 10 | 8.80 | 22.05 | 20.57 | 7.14 | 46.04 | 0.28 | 0.17 | 0.00 | 414.21 | 20 |
| 11 | 8.80 | 22.26 | 20.79 | 6.20 | 40.68 | 0.58 | 0.35 | 0.10 | 356.44 | 20 |
| 12 | 8.80 | 22.42 | 21.07 | 4.62 | 36.81 | 0.95 | 0.85 | 0.25 | 355.44 | 20 |
| 13 | 8.80 | 22.61 | 20.86 | 5.23 | 38.45 | 0.95 | 0.95 | 0.55 | 372.37 | 20 |
| 14 | 8.80 | 22.91 | 20.31 | 5.08 | 37.32 | 1.00 | 1.00 | 0.90 | 364.21 | 20 |
| 15 | 8.80 | 21.61 | 20.53 | 5.06 | 37.27 | 1.00 | 1.00 | 0.90 | 372.37 | 20 |
| 16 | 8.80 | 21.91 | 20.53 | 4.64 | 35.69 | 1.00 | 1.00 | 0.90 | 362.21 | 20 |
| 17 | 8.80 | 21.61 | 20.53 | 4.91 | 35.69 | 1.00 | 1.00 | 0.90 | 348.21 | 20 |
| 18 | 8.80 | 21.42 | 20.52 | 4.68 | 35.92 | 0.85 | 0.70 | 0.50 | 351.94 | 21 |
| 19 | 8.80 | 21.42 | 20.52 | 4.68 | 35.92 | 0.85 | 0.81 | 0.50 | 352.77 | 21 |
| 20 | 8.80 | 21.50 | 20.52 | 4.68 | 36.06 | 0.90 | 0.76 | 0.50 | 357.94 | 21 |
| 21 | 8.80 | 21.65 | 20.43 | 4.72 | 36.55 | 0.90 | 0.90 | 0.80 | 357.94 | 21 |
| 22 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 23 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 24 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 25 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 26 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 27 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 28 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 29 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 30 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 31 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 32 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 33 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 34 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 35 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 36 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |
| 37 | 8.80 | 21.75 | 20.43 | 5.24 | 36.55 | 0.95 | 0.95 | 0.80 | 357.94 | 21 |

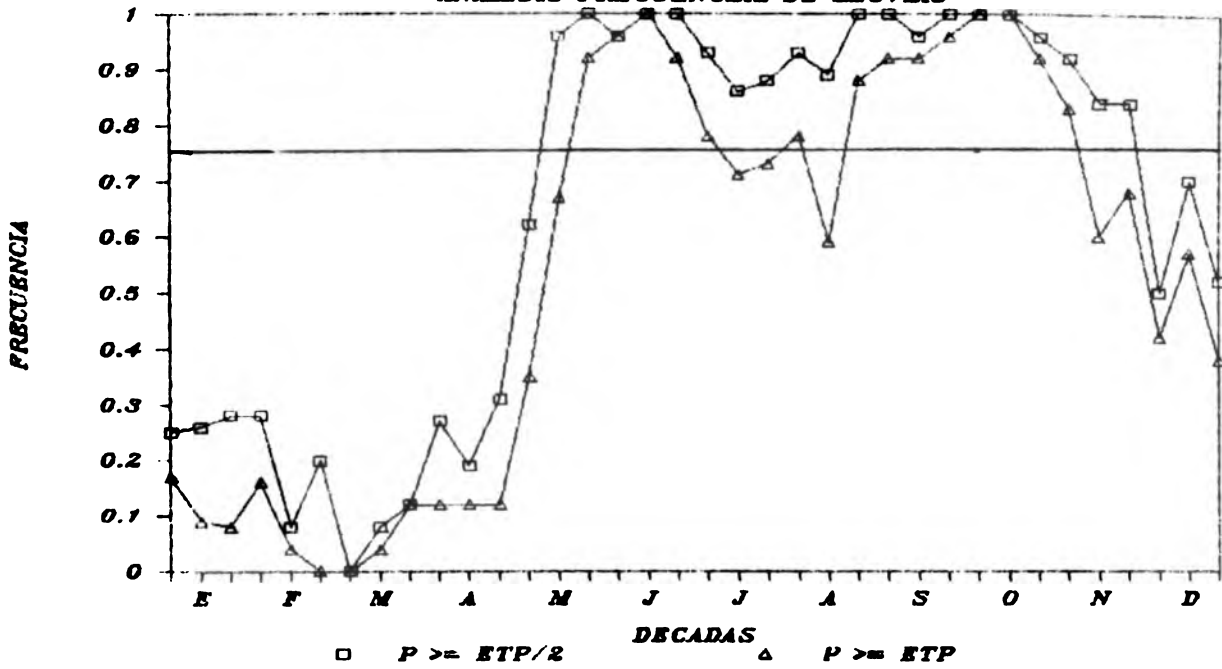
ESTACION TRES RIOS ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION COFUNADO S. ISIDRO
 Codigo 84007 LAT 9 59 Lcng 84 0 ALT 1382
 NUMERO DE AÑOS ANALIZADOS 28

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 7.19 | 19.45 | 18.25 | 7.10 | 38.05 | 0.25 | 0.17 | 0.08 | 383.46 | 2 |
| 2 | 7.46 | 19.32 | 18.32 | 7.51 | 39.86 | 0.28 | 0.08 | 0.04 | 407.53 | 2 |
| 3 | 7.69 | 19.44 | 18.16 | 7.32 | 41.18 | 0.28 | 0.16 | 0.00 | 415.02 | 2 |
| 4 | 8.15 | 19.51 | 18.57 | 7.88 | 44.04 | 0.08 | 0.04 | 0.00 | 443.64 | 2 |
| 5 | 8.11 | 19.52 | 18.04 | 7.75 | 44.84 | 0.20 | 0.00 | 0.00 | 448.64 | 2 |
| 6 | 8.30 | 20.43 | 15.02 | 8.11 | 47.17 | 0.08 | 0.00 | 0.00 | 468.64 | 2 |
| 7 | 8.12 | 20.37 | 15.02 | 8.08 | 47.58 | 0.12 | 0.04 | 0.00 | 474.64 | 2 |
| 8 | 8.17 | 21.08 | 15.78 | 7.77 | 47.64 | 0.12 | 0.12 | 0.00 | 467.68 | 2 |
| 9 | 8.64 | 21.85 | 19.45 | 7.92 | 46.58 | 0.17 | 0.12 | 0.00 | 440.97 | 2 |
| 10 | 8.33 | 21.85 | 20.13 | 7.46 | 46.81 | 0.19 | 0.12 | 0.04 | 457.50 | 2 |
| 11 | 8.82 | 21.81 | 20.34 | 6.94 | 44.99 | 0.31 | 0.12 | 0.08 | 438.04 | 2 |
| 12 | 8.49 | 21.14 | 20.42 | 5.88 | 41.06 | 0.62 | 0.35 | 0.00 | 408.04 | 2 |
| 13 | 8.20 | 21.15 | 20.73 | 4.72 | 36.96 | 0.96 | 0.37 | 0.00 | 358.04 | 2 |
| 14 | 8.21 | 21.57 | 20.58 | 4.74 | 36.97 | 1.00 | 0.52 | 0.00 | 356.04 | 2 |
| 15 | 8.24 | 21.26 | 20.00 | 4.81 | 36.27 | 0.96 | 0.50 | 0.00 | 356.24 | 2 |
| 16 | 8.53 | 21.63 | 20.26 | 4.85 | 36.45 | 1.00 | 0.90 | 0.00 | 356.14 | 2 |
| 17 | 7.24 | 21.41 | 20.09 | 4.65 | 35.60 | 1.00 | 0.70 | 0.00 | 349.24 | 2 |
| 18 | 7.58 | 21.04 | 20.22 | 4.73 | 35.92 | 1.00 | 0.71 | 0.00 | 352.24 | 2 |
| 19 | 7.12 | 21.04 | 19.84 | 4.87 | 36.36 | 0.86 | 0.73 | 0.00 | 354.24 | 2 |
| 20 | 7.69 | 21.41 | 19.91 | 4.85 | 37.13 | 0.89 | 0.78 | 0.00 | 362.24 | 2 |
| 21 | 7.25 | 21.12 | 19.14 | 5.00 | 36.81 | 0.89 | 0.59 | 0.00 | 358.24 | 2 |
| 22 | 7.46 | 21.34 | 20.00 | 5.14 | 38.14 | 0.80 | 0.88 | 0.00 | 358.24 | 2 |
| 23 | 8.30 | 21.45 | 20.07 | 4.62 | 36.54 | 1.00 | 0.92 | 0.00 | 362.24 | 2 |
| 24 | 7.92 | 21.57 | 20.04 | 4.63 | 36.67 | 0.96 | 0.92 | 0.00 | 358.24 | 2 |
| 25 | 8.26 | 21.46 | 19.99 | 4.77 | 36.99 | 1.00 | 0.90 | 0.00 | 362.24 | 2 |
| 26 | 8.66 | 21.46 | 19.09 | 4.84 | 36.11 | 1.00 | 1.00 | 0.00 | 362.24 | 2 |
| 27 | 8.02 | 21.37 | 19.50 | 4.81 | 35.80 | 1.00 | 1.00 | 0.00 | 359.24 | 2 |
| 28 | 7.90 | 21.07 | 19.74 | 4.66 | 34.58 | 0.96 | 0.92 | 0.00 | 359.24 | 2 |
| 29 | 7.47 | 20.67 | 19.38 | 4.65 | 33.28 | 0.84 | 0.83 | 0.00 | 336.24 | 2 |
| 30 | 7.47 | 20.67 | 19.40 | 5.07 | 32.52 | 0.84 | 0.68 | 0.00 | 336.24 | 2 |
| 31 | 7.35 | 19.00 | 19.00 | 4.75 | 32.52 | 0.50 | 0.68 | 0.00 | 336.24 | 2 |
| 32 | 6.43 | 19.51 | 18.33 | 6.07 | 33.42 | 0.50 | 0.37 | 0.00 | 336.24 | 2 |
| 33 | 7.34 | 19.51 | 17.58 | 5.56 | 34.73 | 0.52 | 0.38 | 0.00 | 334.24 | 2 |
| 34 | 7.34 | 19.15 | 17.58 | 6.16 | 34.27 | 0.52 | 0.38 | 0.00 | 334.24 | 2 |
| 35 | 7.27 | 19.15 | 17.58 | 7.64 | 39.27 | 0.21 | 0.05 | 0.00 | 351.24 | 2 |

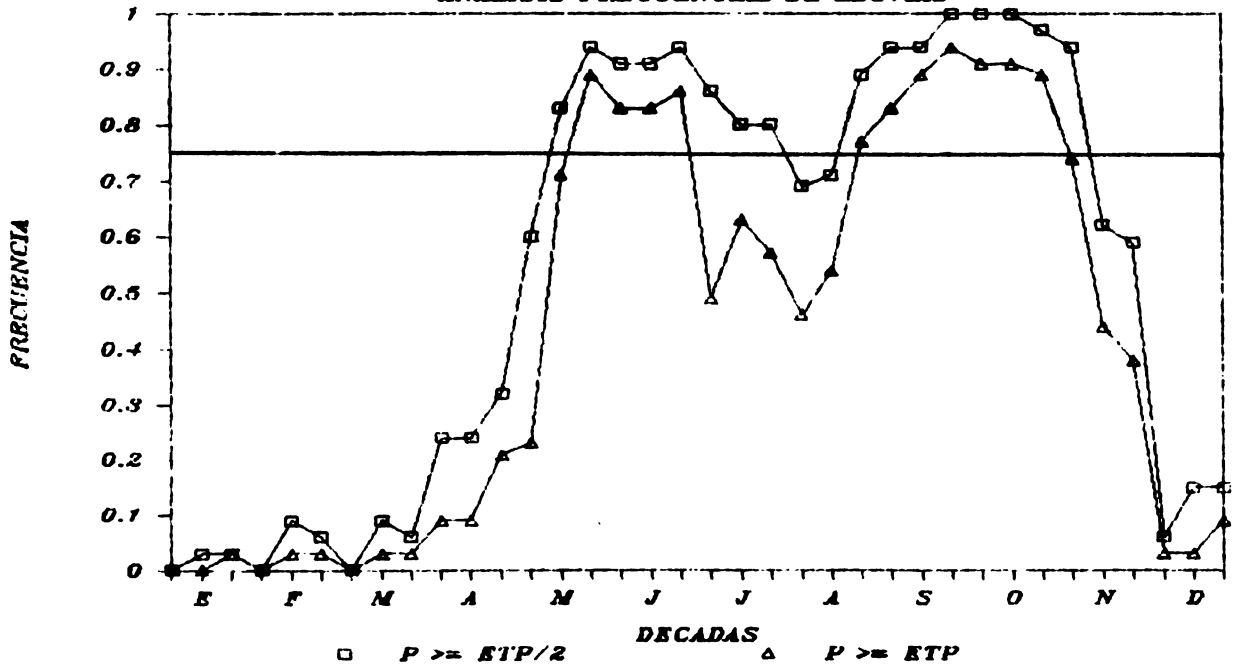
ESTACION CORONADO ANALISIS FRECUENCIAL DE LLUVIAS



DA TOS DE INSOACICION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION STA. ANA LORNESSA
 CCG160 84CII LAT 9 56 LCNG 84 11 ALT 909
 NUMERO DE AÑOS ANALIZADOS 35

| LEGAJA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 10.68 | 23.58 | 21.80 | 8.39 | 44.39 | 0.03 | 0.00 | 0.00 | 422.15 | 35 |
| 2 | 10.53 | 24.00 | 21.89 | 8.28 | 44.85 | 0.03 | 0.00 | 0.00 | 425.27 | 35 |
| 3 | 11.22 | 24.06 | 22.19 | 8.40 | 46.07 | 0.09 | 0.03 | 0.00 | 435.27 | 35 |
| 4 | 11.72 | 24.33 | 22.38 | 8.16 | 47.57 | 0.06 | 0.03 | 0.00 | 452.48 | 35 |
| 5 | 11.87 | 24.68 | 22.67 | 8.15 | 48.06 | 0.06 | 0.03 | 0.00 | 461.93 | 35 |
| 6 | 11.24 | 24.69 | 23.00 | 8.22 | 49.26 | 0.09 | 0.03 | 0.00 | 472.69 | 35 |
| 7 | 11.25 | 25.10 | 23.12 | 7.98 | 51.04 | 0.24 | 0.03 | 0.00 | 475.11 | 35 |
| 8 | 11.35 | 25.40 | 23.36 | 7.48 | 49.36 | 0.32 | 0.09 | 0.00 | 459.30 | 35 |
| 9 | 11.35 | 25.40 | 23.52 | 7.34 | 48.55 | 0.21 | 0.09 | 0.03 | 450.30 | 35 |
| 10 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 11 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 12 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 13 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 14 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 15 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 16 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 17 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 18 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 19 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 20 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 21 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 22 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 23 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 24 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 25 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 26 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 27 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 28 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 29 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 30 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 31 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 32 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 33 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 34 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 35 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 36 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |
| 37 | 11.85 | 25.03 | 23.30 | 6.30 | 46.76 | 0.21 | 0.21 | 0.03 | 450.30 | 35 |

ESTACION SANTA ANA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

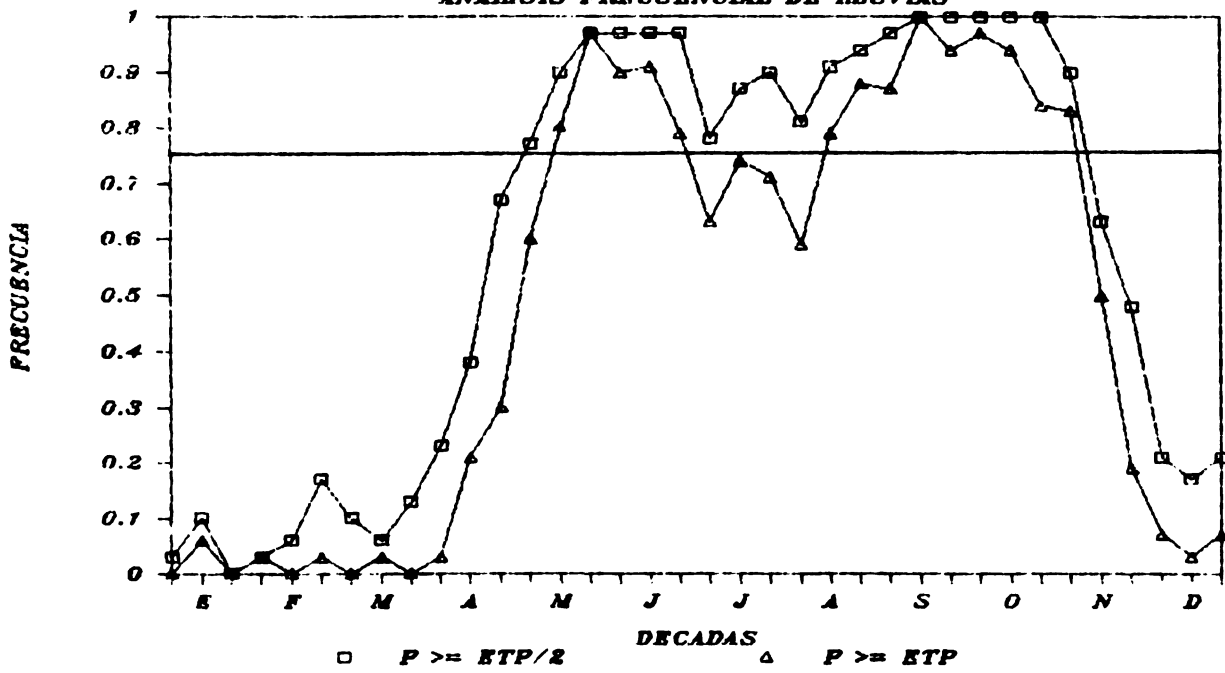
ETP, Y 2*ETP, PARA LA ESTACION TURHUCAKES

CODIGO E4C12 LAT 9 58 LCG 84 19 ALT 639

NUMERO DE AÑOS ANALIZADOS 35

| LECACA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.90 | 26.13 | 24.15 | 8.30 | 45.63 | 0.02 | C.C6 | 0.00 | 419.30 | 31 |
| 2 | 11.00 | 26.40 | 24.40 | 8.17 | 45.34 | 0.10 | 0.06 | 0.00 | 420.68 | 32 |
| 3 | 11.50 | 26.70 | 24.65 | 8.47 | 48.34 | 0.03 | 0.03 | 0.00 | 440.11 | 33 |
| 4 | 13.00 | 26.87 | 25.25 | 8.21 | 48.68 | 0.06 | 0.03 | 0.00 | 443.17 | 34 |
| 5 | 13.10 | 27.53 | 25.35 | 7.84 | 50.09 | 0.17 | 0.03 | 0.00 | 452.65 | 35 |
| 6 | 13.20 | 27.50 | 25.60 | 7.02 | 51.55 | 0.06 | 0.03 | 0.00 | 465.06 | 36 |
| 7 | 13.00 | 27.73 | 25.50 | 7.79 | 52.22 | 0.13 | 0.03 | 0.00 | 472.14 | 37 |
| 8 | 12.80 | 27.63 | 25.50 | 7.57 | 51.32 | 0.23 | 0.03 | 0.00 | 468.10 | 38 |
| 9 | 12.80 | 27.07 | 25.40 | 6.82 | 48.33 | 0.37 | 0.03 | 0.00 | 436.40 | 39 |
| 10 | 11.80 | 26.87 | 25.90 | 5.25 | 45.62 | 0.67 | 0.60 | 0.00 | 414.40 | 40 |
| 11 | 10.40 | 25.50 | 24.25 | 4.70 | 41.89 | 0.90 | 0.80 | 0.00 | 375.40 | 41 |
| 12 | 10.30 | 25.87 | 24.15 | 4.68 | 38.41 | 0.97 | 0.90 | 0.00 | 354.20 | 42 |
| 13 | 10.80 | 25.47 | 23.80 | 4.62 | 37.99 | 0.97 | 0.99 | 0.00 | 350.26 | 43 |
| 14 | 10.00 | 25.47 | 23.80 | 4.75 | 37.69 | 0.97 | 0.99 | 0.00 | 350.26 | 44 |
| 15 | 10.30 | 25.57 | 23.85 | 5.16 | 39.46 | 0.78 | 0.93 | 0.00 | 352.27 | 45 |
| 16 | 10.40 | 25.57 | 23.85 | 5.03 | 39.27 | 0.87 | 0.93 | 0.00 | 352.27 | 46 |
| 17 | 10.50 | 25.50 | 23.85 | 4.92 | 39.07 | 0.81 | 0.99 | 0.00 | 351.66 | 47 |
| 18 | 10.60 | 25.50 | 23.60 | 4.91 | 39.45 | 0.91 | 0.99 | 0.00 | 358.27 | 48 |
| 19 | 10.40 | 25.57 | 23.40 | 4.63 | 38.45 | 0.97 | 0.99 | 0.00 | 358.27 | 49 |
| 20 | 10.00 | 25.47 | 23.30 | 4.69 | 38.46 | 0.00 | 0.87 | 0.00 | 355.42 | 50 |
| 21 | 10.00 | 25.47 | 23.30 | 4.75 | 38.39 | 1.00 | 0.97 | 0.00 | 355.42 | 51 |
| 22 | 9.60 | 24.40 | 23.10 | 4.62 | 37.50 | 1.00 | 0.97 | 0.00 | 350.26 | 52 |
| 23 | 9.30 | 24.45 | 23.45 | 4.67 | 36.42 | 1.00 | 0.97 | 0.00 | 349.13 | 53 |
| 24 | 9.30 | 23.45 | 23.45 | 5.02 | 36.42 | 0.63 | 0.83 | 0.00 | 343.03 | 54 |
| 25 | 10.00 | 23.70 | 23.70 | 5.84 | 38.82 | 0.00 | 0.00 | 0.00 | 372.03 | 55 |
| 26 | 11.80 | 23.90 | 23.70 | 6.49 | 40.23 | 0.00 | 0.00 | 0.00 | 379.17 | 56 |
| 27 | 11.90 | 23.03 | 23.05 | 7.75 | 43.08 | 0.00 | 0.00 | 0.00 | 355.42 | 57 |
| 28 | 11.50 | 26.13 | 24.15 | 7.76 | 43.33 | 0.04 | 0.00 | 0.00 | 398.65 | 58 |
| 29 | 11.50 | 26.13 | 24.15 | 8.28 | 45.33 | 0.00 | 0.00 | 0.00 | 416.05 | 59 |

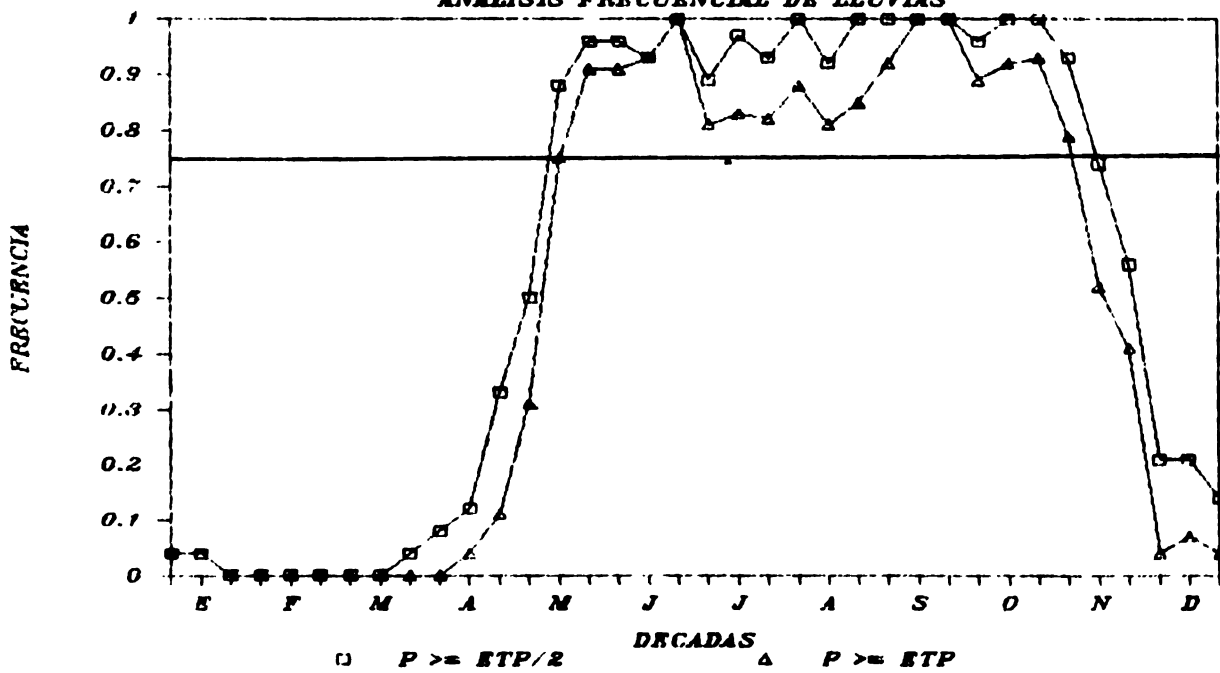
ESTACION TURRUCARES ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNIA Y DIAKIA, AMPLITUD Y
 LA PRUBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR C IGUAL A ETP/2
 EIP, Y 2*ETP, PARA LA ESTACION PALMARES
 CODIGO 84CI4 LAT IO 3 LCNG 34 26 ALT 1017
 NUMERO DE AÑOS ANALIZADOS 29

| HECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | FI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 9.08 | 22.64 | 26.59 | 8.27 | 43.38 | 0.04 | 0.04 | 0.0 | 417.58 | 27 |
| 2 | 10.51 | 22.70 | 21.02 | 8.26 | 44.13 | 0.04 | 0.04 | 0.0 | 424.56 | 27 |
| 3 | 10.50 | 22.70 | 21.27 | 8.44 | 45.33 | 0.0 | 0.0 | 0.0 | 438.50 | 27 |
| 4 | 11.50 | 23.05 | 21.41 | 8.37 | 46.90 | 0.0 | 0.0 | 0.0 | 450.75 | 26 |
| 5 | 11.58 | 23.05 | 21.71 | 8.34 | 49.29 | 0.0 | 0.0 | 0.0 | 468.54 | 26 |
| 6 | 11.54 | 24.40 | 22.18 | 8.26 | 50.53 | 0.0 | 0.0 | 0.0 | 476.50 | 27 |
| 7 | 11.54 | 24.40 | 22.34 | 8.24 | 51.04 | 0.08 | 0.0 | 0.0 | 480.16 | 27 |
| 8 | 11.54 | 24.40 | 22.34 | 8.14 | 51.61 | 0.12 | 0.0 | 0.0 | 481.71 | 26 |
| 9 | 11.54 | 24.40 | 22.74 | 7.97 | 50.63 | 0.30 | 0.04 | 0.0 | 475.00 | 26 |
| 10 | 10.31 | 24.40 | 22.63 | 7.00 | 46.83 | 0.35 | 0.11 | 0.0 | 440.26 | 26 |
| 11 | 10.31 | 24.40 | 22.51 | 6.48 | 44.85 | 0.88 | 0.37 | 0.0 | 417.56 | 26 |
| 12 | 9.51 | 24.40 | 22.82 | 4.65 | 37.27 | 0.96 | 0.91 | 0.0 | 351.00 | 24 |
| 13 | 9.51 | 23.72 | 22.82 | 4.62 | 36.60 | 0.93 | 0.51 | 0.0 | 350.44 | 23 |
| 14 | 9.51 | 23.72 | 21.89 | 4.62 | 36.57 | 1.00 | 0.90 | 0.0 | 348.84 | 23 |
| 15 | 8.79 | 23.72 | 21.88 | 4.64 | 37.35 | 0.97 | 0.81 | 0.0 | 348.84 | 27 |
| 16 | 8.79 | 23.72 | 21.87 | 4.81 | 37.57 | 0.93 | 0.83 | 0.0 | 356.24 | 27 |
| 17 | 8.79 | 23.72 | 21.87 | 4.80 | 38.47 | 0.93 | 0.82 | 0.0 | 358.44 | 27 |
| 18 | 9.00 | 23.72 | 21.82 | 5.00 | 39.17 | 1.00 | 0.86 | 0.0 | 367.00 | 28 |
| 19 | 9.38 | 23.72 | 21.83 | 4.84 | 37.65 | 1.00 | 0.81 | 0.0 | 364.20 | 26 |
| 20 | 9.38 | 23.72 | 21.63 | 4.67 | 37.69 | 1.00 | 0.85 | 0.0 | 350.50 | 26 |
| 21 | 9.38 | 23.72 | 21.60 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 350.50 | 26 |
| 22 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 23 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 24 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 25 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 26 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 27 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 28 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 29 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 30 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 31 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 32 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 33 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 34 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 35 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 36 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 37 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 38 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 39 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 40 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 41 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 42 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 43 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 44 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 45 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 46 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 47 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 48 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 49 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |
| 50 | 9.38 | 23.72 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 367.00 | 26 |

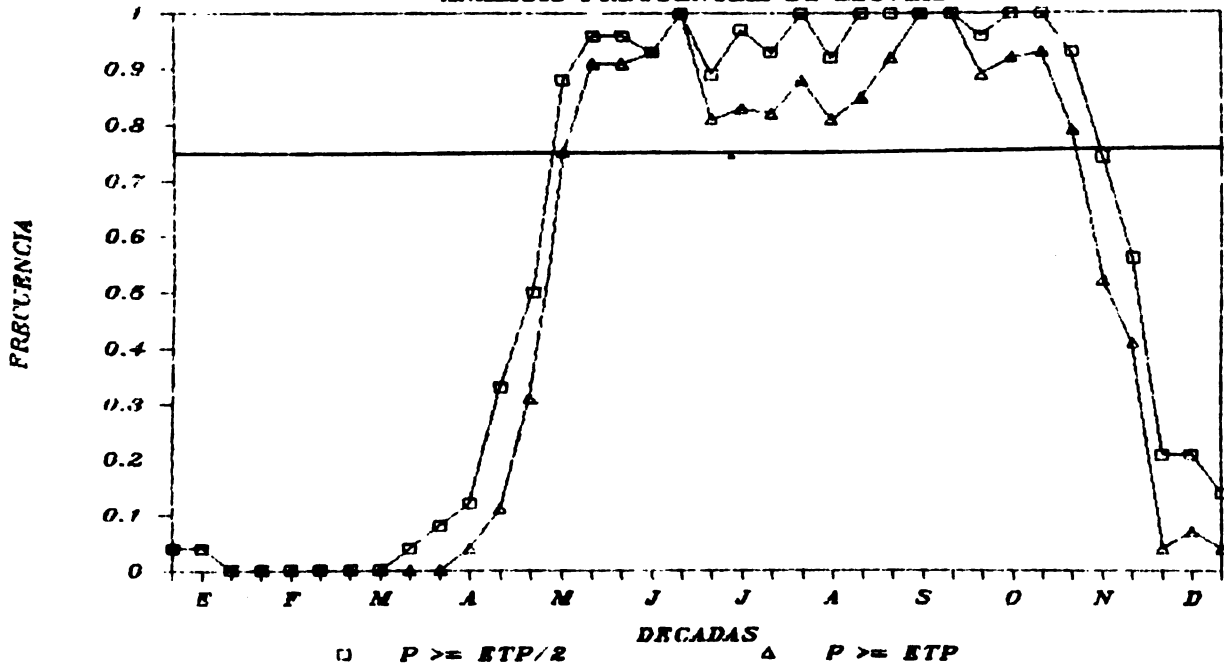
ESTACION PALMARES ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNIA Y DIAKIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR C IGUAL A ETP/2
 EIP, Y 2*ETP, PARA LA ESTACION PALMARES
 CODIGO 84CI4 LAT 10 3. LONG 84 26 ALT 1017
 NUMERO DE AÑOS ANALIZADOS 29

| ORDEN | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | FI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|-----|-------|----|
| 1 | 9.88 | 22.64 | 20.99 | 8.27 | 43.38 | 0.04 | 0.04 | 0.0 | 41.58 | 27 |
| 2 | 10.08 | 22.70 | 21.02 | 8.26 | 44.13 | 0.0 | 0.04 | 0.0 | 42.50 | 22 |
| 3 | 10.81 | 23.00 | 21.27 | 8.42 | 45.33 | 0.0 | 0.0 | 0.0 | 43.80 | 22 |
| 4 | 10.51 | 23.05 | 21.41 | 8.44 | 46.95 | 0.0 | 0.0 | 0.0 | 45.11 | 22 |
| 5 | 11.00 | 23.54 | 21.73 | 8.37 | 48.00 | 0.0 | 0.0 | 0.0 | 45.80 | 22 |
| 6 | 11.06 | 23.54 | 22.01 | 8.34 | 49.23 | 0.0 | 0.0 | 0.0 | 46.50 | 22 |
| 7 | 11.06 | 24.01 | 22.18 | 8.26 | 50.78 | 0.0 | 0.0 | 0.0 | 47.60 | 22 |
| 8 | 11.54 | 24.40 | 22.34 | 8.24 | 51.08 | 0.04 | 0.0 | 0.0 | 48.00 | 22 |
| 9 | 11.20 | 24.52 | 22.34 | 8.14 | 51.43 | 0.08 | 0.0 | 0.0 | 48.50 | 22 |
| 10 | 11.07 | 24.70 | 22.74 | 7.97 | 50.61 | 0.12 | 0.04 | 0.0 | 48.50 | 22 |
| 11 | 10.77 | 24.30 | 22.63 | 7.00 | 46.83 | 0.30 | 0.11 | 0.0 | 47.50 | 22 |
| 12 | 10.70 | 24.12 | 22.58 | 6.41 | 44.35 | 0.50 | 0.15 | 0.0 | 47.00 | 22 |
| 13 | 9.51 | 23.12 | 22.51 | 4.68 | 37.85 | 0.88 | 0.75 | 0.0 | 41.70 | 22 |
| 14 | 9.58 | 23.12 | 22.19 | 4.65 | 37.27 | 0.96 | 0.91 | 0.0 | 41.50 | 22 |
| 15 | 9.71 | 23.32 | 22.82 | 4.62 | 36.60 | 0.93 | 0.93 | 0.0 | 41.00 | 22 |
| 16 | 9.81 | 23.42 | 21.89 | 4.64 | 36.57 | 0.93 | 0.93 | 0.0 | 40.80 | 22 |
| 17 | 9.88 | 23.36 | 21.88 | 4.85 | 37.40 | 1.00 | 1.00 | 0.0 | 40.80 | 22 |
| 18 | 9.79 | 23.34 | 21.87 | 4.81 | 37.35 | 0.99 | 0.89 | 0.0 | 40.80 | 22 |
| 19 | 9.00 | 23.30 | 21.82 | 4.80 | 37.57 | 0.93 | 0.83 | 0.0 | 40.60 | 22 |
| 20 | 9.19 | 23.32 | 21.83 | 5.00 | 38.47 | 1.00 | 0.88 | 0.0 | 40.50 | 22 |
| 21 | 9.38 | 23.20 | 21.83 | 4.84 | 39.17 | 0.92 | 0.85 | 0.0 | 40.50 | 22 |
| 22 | 9.50 | 23.21 | 21.60 | 4.67 | 37.65 | 1.00 | 0.81 | 0.0 | 40.50 | 22 |
| 23 | 9.34 | 23.00 | 21.52 | 4.68 | 37.45 | 1.00 | 0.85 | 0.0 | 40.50 | 22 |
| 24 | 9.15 | 23.00 | 21.49 | 5.68 | 40.73 | 1.00 | 1.00 | 0.0 | 40.50 | 22 |
| 25 | 9.00 | 23.00 | 21.57 | 4.97 | 36.15 | 0.96 | 0.89 | 0.0 | 40.50 | 22 |
| 26 | 8.93 | 23.00 | 21.49 | 4.64 | 35.23 | 1.00 | 0.82 | 0.0 | 40.50 | 22 |
| 27 | 8.90 | 22.85 | 21.38 | 4.74 | 35.23 | 1.00 | 0.82 | 0.0 | 40.50 | 22 |
| 28 | 9.02 | 22.80 | 21.35 | 5.58 | 36.63 | 0.93 | 0.79 | 0.0 | 40.50 | 22 |
| 29 | 9.17 | 22.80 | 21.36 | 5.97 | 37.15 | 0.93 | 0.74 | 0.0 | 40.50 | 22 |
| 30 | 9.39 | 22.80 | 21.24 | 7.63 | 41.60 | 0.56 | 0.41 | 0.0 | 40.50 | 22 |
| 31 | 9.13 | 22.80 | 21.27 | 7.22 | 39.89 | 0.21 | 0.27 | 0.0 | 40.50 | 22 |
| 32 | 9.79 | 22.41 | 20.78 | 7.80 | 43.33 | 0.14 | 0.04 | 0.0 | 40.50 | 22 |
| 33 | 9.90 | 22.46 | 20.81 | 8.31 | 43.17 | 0.10 | 0.0 | 0.0 | 40.50 | 22 |

ESTACION PALMARES ANALISIS FRECUENCIAL DE LLUVIAS



ESTADÍSTICAS DE INCLINACIÓN. TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACIÓN SEA MAYOR O IGUAL A ETP/2

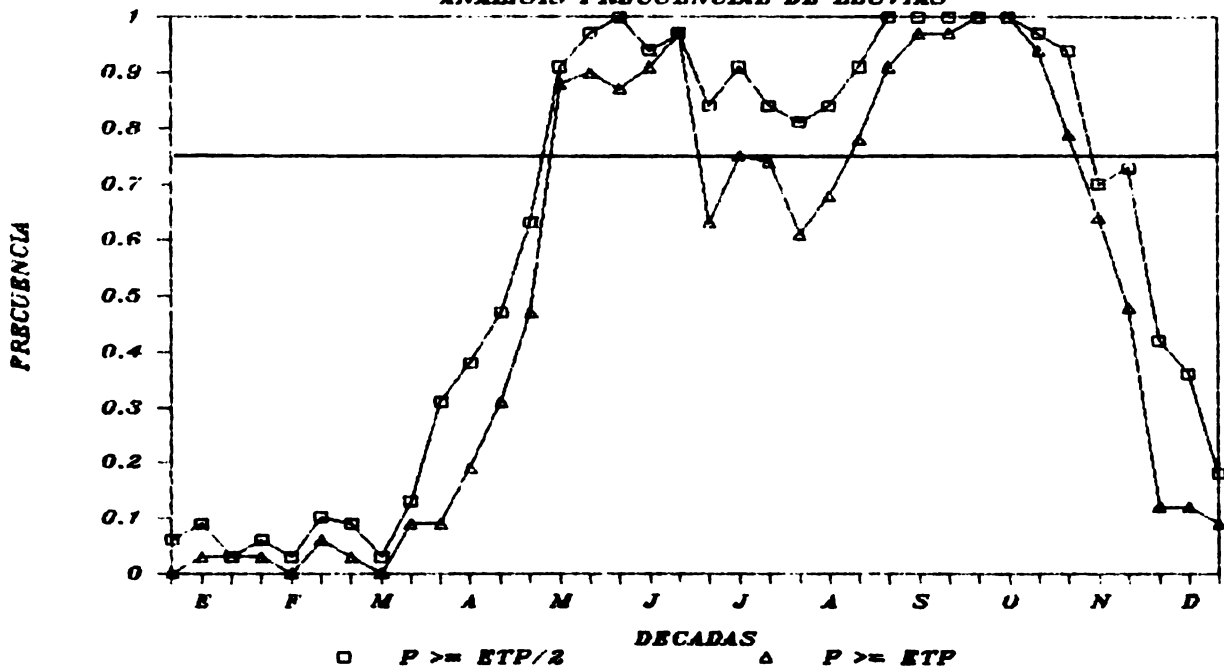
ETP, Y 2*ETP, PARA LA ESTACION SAN JOAQUIN DE FLORE

CODIGO 84015 LAT 10 0 LONG 84 S ALT 1050

NUMERO DE AÑOS ANALIZADOS 33

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 9.64 | 22.35 | 26.74 | 8.23 | 43.13 | 0.06 | 0.03 | 0.0 | 417.15 | 32 |
| 2 | 9.61 | 22.77 | 26.00 | 8.10 | 43.47 | 0.09 | 0.03 | 0.0 | 420.21 | 32 |
| 3 | 10.16 | 22.61 | 21.99 | 8.21 | 46.01 | 0.06 | 0.03 | 0.0 | 433.57 | 32 |
| 4 | 10.66 | 22.55 | 21.45 | 8.30 | 47.57 | 0.03 | 0.06 | 0.0 | 455.65 | 30 |
| 5 | 10.04 | 22.22 | 21.85 | 7.96 | 47.65 | 0.10 | 0.03 | 0.0 | 455.43 | 33 |
| 6 | 10.81 | 22.68 | 21.29 | 7.99 | 48.91 | 0.09 | 0.03 | 0.0 | 464.87 | 22 |
| 7 | 10.72 | 22.45 | 22.00 | 8.16 | 49.45 | 0.13 | 0.09 | 0.0 | 466.51 | 22 |
| 8 | 11.57 | 22.18 | 22.51 | 7.74 | 47.63 | 0.09 | 0.09 | 0.0 | 451.01 | 22 |
| 9 | 10.57 | 22.40 | 22.42 | 7.87 | 46.43 | 0.31 | 0.19 | 0.0 | 438.51 | 33 |
| 10 | 10.60 | 22.40 | 22.39 | 6.21 | 43.88 | 0.47 | 0.37 | 0.0 | 412.51 | 33 |
| 11 | 10.15 | 22.40 | 22.35 | 5.62 | 41.56 | 0.63 | 0.88 | 0.0 | 355.51 | 22 |
| 12 | 9.57 | 22.33 | 22.66 | 5.04 | 37.56 | 0.97 | 0.57 | 0.0 | 355.13 | 22 |
| 13 | 9.40 | 22.33 | 21.74 | 4.67 | 36.51 | 1.00 | 0.87 | 0.0 | 356.17 | 22 |
| 14 | 9.55 | 22.33 | 21.72 | 4.62 | 36.51 | 0.94 | 0.91 | 0.0 | 348.77 | 31 |
| 15 | 9.16 | 22.33 | 21.86 | 4.63 | 36.48 | 0.97 | 0.97 | 0.0 | 348.77 | 32 |
| 16 | 8.52 | 22.33 | 21.69 | 5.03 | 37.74 | 0.84 | 0.63 | 0.0 | 348.77 | 32 |
| 17 | 8.56 | 22.33 | 21.67 | 4.83 | 37.74 | 0.91 | 0.75 | 0.0 | 348.77 | 32 |
| 18 | 8.56 | 22.33 | 21.68 | 5.16 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 19 | 8.84 | 22.33 | 21.68 | 5.06 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 20 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 21 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 22 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 23 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 24 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 25 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 26 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 27 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 28 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 29 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 30 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 31 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 32 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 33 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 34 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 35 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 36 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |
| 37 | 8.84 | 22.33 | 21.68 | 4.62 | 38.55 | 0.84 | 0.74 | 0.0 | 348.77 | 32 |

ESTACION SAN JOAQUIN DE F. ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

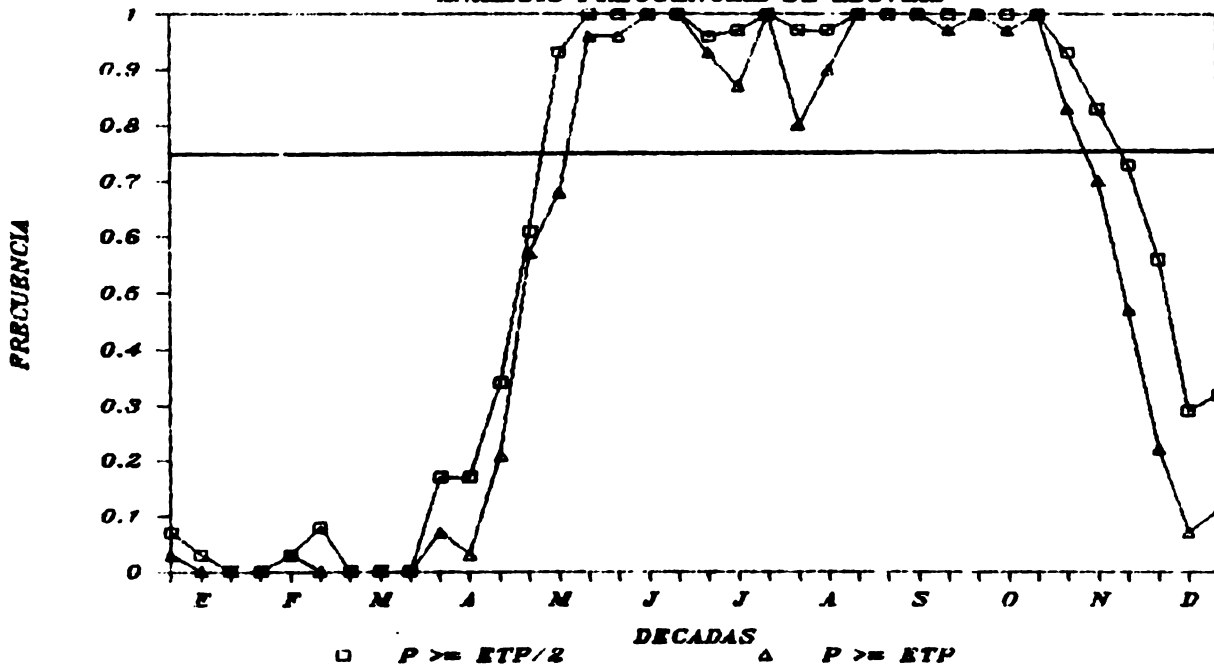
ETP, Y 2*ETP, PARA LA ESTACION B.PILAS NARANJO

CCUIGO E4C16 LAT 10 6 LCN 84 23 ALT 1042

NUMERO DE AÑOS ANALIZADOS 31

| LEGADA | AMPLITUD | T. DIURNA | I. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 5.70 | 22.42 | 20.80 | 8.20 | 43.03 | 0.07 | 0.03 | 0.0 | 415.83 | 9 |
| 2 | 9.50 | 22.45 | 20.87 | 8.31 | 44.13 | 0.03 | 0.0 | 0.0 | 426.63 | 9 |
| 3 | 10.66 | 22.76 | 21.07 | 8.42 | 45.66 | 0.0 | 0.0 | 0.0 | 438.34 | 9 |
| 4 | 10.77 | 22.76 | 21.06 | 8.39 | 46.61 | 0.03 | 0.03 | 0.0 | 448.54 | 9 |
| 5 | 10.70 | 22.70 | 21.52 | 8.18 | 47.19 | 0.08 | 0.0 | 0.0 | 452.57 | 9 |
| 6 | 10.87 | 22.70 | 21.89 | 8.13 | 48.09 | 0.0 | 0.0 | 0.0 | 460.65 | 9 |
| 7 | 10.78 | 23.15 | 21.56 | 8.28 | 50.66 | 0.0 | 0.0 | 0.0 | 460.57 | 6 |
| 8 | 11.02 | 23.25 | 22.14 | 8.29 | 51.48 | 0.07 | 0.07 | 0.0 | 464.55 | 6 |
| 9 | 11.06 | 23.45 | 22.57 | 7.70 | 49.05 | 0.17 | 0.07 | 0.0 | 463.55 | 6 |
| 10 | 11.06 | 23.58 | 22.57 | 7.70 | 49.52 | 0.34 | 0.07 | 0.0 | 466.16 | 6 |
| 11 | 10.64 | 24.24 | 22.43 | 6.53 | 45.43 | 0.51 | 0.21 | 0.0 | 428.25 | 9 |
| 12 | 10.19 | 24.15 | 22.39 | 5.40 | 40.71 | 0.93 | 0.68 | 0.0 | 384.25 | 8 |
| 13 | 9.60 | 23.55 | 22.08 | 4.83 | 37.71 | 1.00 | 0.56 | 0.0 | 355.46 | 8 |
| 14 | 9.43 | 23.12 | 21.70 | 4.05 | 37.83 | 1.00 | 0.56 | 0.0 | 354.10 | 8 |
| 15 | 9.58 | 23.12 | 21.76 | 4.79 | 38.08 | 1.00 | 1.00 | 0.0 | 351.32 | 8 |
| 16 | 9.79 | 23.33 | 21.90 | 4.62 | 36.76 | 1.00 | 1.00 | 0.0 | 351.00 | 8 |
| 17 | 8.59 | 23.33 | 21.74 | 4.63 | 36.58 | 0.96 | 1.00 | 0.0 | 355.05 | 8 |
| 18 | 8.67 | 23.12 | 21.74 | 4.64 | 36.96 | 0.97 | 0.87 | 0.0 | 349.05 | 8 |
| 19 | 8.38 | 23.12 | 21.65 | 4.64 | 36.66 | 1.00 | 1.00 | 0.0 | 350.07 | 8 |
| 20 | 8.99 | 23.12 | 21.52 | 4.52 | 37.15 | 0.97 | 1.00 | 0.0 | 353.21 | 8 |
| 21 | 9.23 | 23.05 | 21.50 | 4.70 | 37.35 | 1.00 | 1.00 | 0.0 | 353.00 | 0 |
| 22 | 9.30 | 23.05 | 21.42 | 5.86 | 41.15 | 1.00 | 1.00 | 0.0 | 355.20 | 0 |
| 23 | 9.30 | 23.05 | 21.39 | 5.86 | 41.88 | 1.00 | 1.00 | 0.0 | 355.00 | 0 |
| 24 | 9.04 | 22.93 | 21.47 | 5.28 | 44.13 | 1.00 | 1.00 | 0.0 | 354.00 | 3 |
| 25 | 8.87 | 22.93 | 21.38 | 5.20 | 38.83 | 1.00 | 1.00 | 0.0 | 359.45 | 3 |
| 26 | 8.87 | 22.76 | 21.27 | 4.85 | 37.18 | 1.00 | 1.00 | 0.0 | 350.94 | 9 |
| 27 | 8.87 | 22.76 | 21.27 | 4.66 | 35.87 | 1.00 | 1.00 | 0.0 | 350.07 | 8 |
| 28 | 8.87 | 22.76 | 21.27 | 4.66 | 34.44 | 0.93 | 1.00 | 0.0 | 351.07 | 9 |
| 29 | 8.87 | 22.76 | 21.15 | 5.07 | 34.89 | 0.87 | 1.00 | 0.0 | 350.45 | 9 |
| 30 | 8.87 | 22.76 | 21.12 | 5.65 | 36.02 | 0.87 | 0.47 | 0.0 | 336.42 | 9 |
| 31 | 8.87 | 22.61 | 21.09 | 6.58 | 38.27 | 0.56 | 0.27 | 0.0 | 368.36 | 9 |
| 32 | 8.87 | 22.61 | 21.08 | 7.45 | 40.47 | 0.32 | 0.11 | 0.0 | 350.11 | 9 |
| 33 | 8.87 | 22.61 | 20.98 | 7.36 | 39.84 | 0.29 | 0.11 | 0.0 | 350.28 | 9 |
| 34 | 8.87 | 22.61 | 20.98 | 7.36 | 42.80 | 0.08 | 0.04 | 0.0 | 386.64 | 8 |
| 35 | 8.87 | 22.61 | 20.98 | 8.24 | | 0.08 | 0.04 | 0.0 | 414.64 | 8 |

ESTACION B. PILAS NARANJO ANALISIS FRECUENCIAL DE LLUVIAS



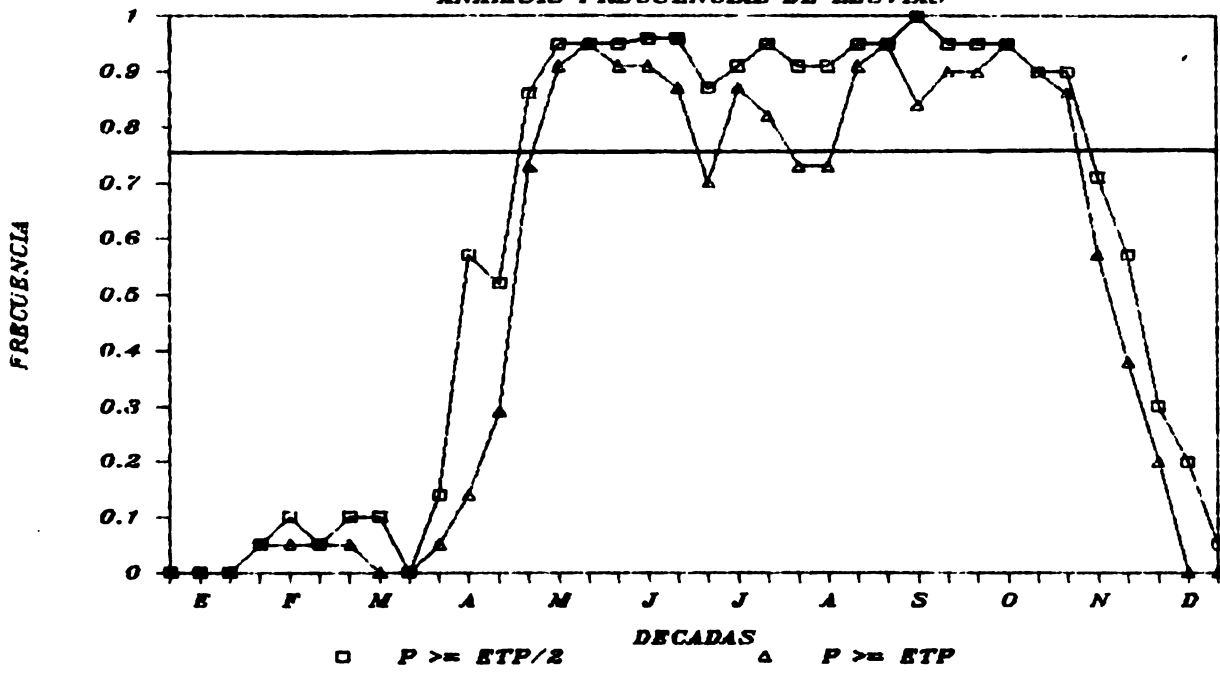
DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LOS ANDES, OROTONA

CCDIGO 84C17 LAT 9 55 LCNG 84 31 ALT 224

NUMERO DE AÑOS ANALIZADOS 23

| LECALA | AMPL ITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NE |
|--------|-----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 15.73 | 29.54 | 26.55 | 8.23 | 47.51 | 0.0 | 0.0 | 0.0 | 417.45 | 19 |
| 2 | 15.84 | 30.04 | 27.48 | 8.48 | 49.73 | 0.0 | 0.0 | 0.0 | 432.14 | 19 |
| 3 | 15.57 | 30.34 | 28.02 | 8.19 | 50.73 | 0.05 | 0.0 | 0.0 | 441.44 | 19 |
| 4 | 16.33 | 31.14 | 28.49 | 8.19 | 51.16 | 0.05 | 0.05 | 0.0 | 442.50 | 20 |
| 5 | 16.89 | 31.58 | 28.63 | 7.06 | 53.51 | 0.10 | 0.05 | 0.0 | 446.43 | 20 |
| 6 | 17.05 | 31.92 | 29.04 | 8.01 | 54.36 | 0.10 | 0.0 | 0.0 | 455.77 | 20 |
| 7 | 17.18 | 31.92 | 29.54 | 7.99 | 55.21 | 0.0 | 0.0 | 0.0 | 471.00 | 20 |
| 8 | 16.69 | 31.41 | 28.61 | 7.17 | 55.98 | 0.0 | 0.05 | 0.0 | 481.00 | 20 |
| 9 | 16.75 | 31.10 | 28.41 | 6.65 | 55.04 | 0.14 | 0.14 | 0.0 | 483.00 | 20 |
| 10 | 15.11 | 31.00 | 27.62 | 7.62 | 54.04 | 0.57 | 0.14 | 0.0 | 463.00 | 20 |
| 11 | 15.26 | 31.00 | 27.62 | 6.06 | 49.95 | 0.52 | 0.29 | 0.0 | 430.50 | 20 |
| 12 | 14.26 | 30.65 | 27.27 | 6.06 | 46.81 | 0.89 | 0.23 | 0.0 | 408.50 | 20 |
| 13 | 14.57 | 30.65 | 27.27 | 4.71 | 40.18 | 0.95 | 0.91 | 0.0 | 358.00 | 20 |
| 14 | 12.13 | 27.70 | 26.26 | 4.83 | 39.37 | 0.95 | 0.95 | 0.0 | 355.00 | 20 |
| 15 | 12.13 | 27.70 | 26.26 | 4.74 | 39.37 | 0.95 | 0.95 | 0.0 | 355.00 | 20 |
| 16 | 11.32 | 27.70 | 25.78 | 4.64 | 38.59 | 0.96 | 0.91 | 0.0 | 349.00 | 20 |
| 17 | 11.32 | 27.70 | 25.78 | 4.65 | 38.59 | 0.96 | 0.87 | 0.0 | 349.00 | 20 |
| 18 | 12.41 | 27.98 | 25.54 | 4.82 | 39.54 | 0.97 | 0.87 | 0.0 | 354.00 | 20 |
| 19 | 12.37 | 27.98 | 25.54 | 4.71 | 39.54 | 0.95 | 0.87 | 0.0 | 354.00 | 20 |
| 20 | 12.51 | 28.01 | 25.57 | 4.66 | 39.49 | 0.95 | 0.87 | 0.0 | 352.00 | 20 |
| 21 | 12.51 | 28.01 | 25.57 | 4.70 | 39.80 | 0.91 | 0.87 | 0.0 | 357.00 | 20 |
| 22 | 12.36 | 27.50 | 25.19 | 4.68 | 39.80 | 0.95 | 0.87 | 0.0 | 352.00 | 20 |
| 23 | 12.36 | 27.50 | 25.19 | 4.68 | 39.80 | 0.95 | 0.87 | 0.0 | 352.00 | 20 |
| 24 | 11.67 | 26.66 | 24.74 | 4.72 | 40.07 | 1.00 | 0.84 | 0.0 | 360.00 | 20 |
| 25 | 11.67 | 26.66 | 24.74 | 4.84 | 39.66 | 0.95 | 0.84 | 0.0 | 360.00 | 20 |
| 26 | 10.51 | 26.66 | 24.81 | 4.63 | 38.46 | 0.95 | 0.90 | 0.0 | 360.00 | 20 |
| 27 | 10.51 | 26.66 | 24.81 | 4.75 | 40.93 | 0.95 | 0.90 | 0.0 | 362.00 | 20 |
| 28 | 11.39 | 27.08 | 24.94 | 5.70 | 40.93 | 0.95 | 0.86 | 0.0 | 351.00 | 20 |
| 29 | 11.39 | 27.08 | 24.94 | 4.66 | 36.65 | 0.90 | 0.86 | 0.0 | 334.00 | 20 |
| 30 | 13.09 | 27.80 | 25.19 | 5.47 | 36.65 | 0.71 | 0.86 | 0.0 | 334.00 | 20 |
| 31 | 13.09 | 27.80 | 25.19 | 7.00 | 39.82 | 0.57 | 0.86 | 0.0 | 358.00 | 20 |
| 32 | 13.09 | 27.80 | 25.19 | 7.03 | 42.82 | 0.57 | 0.86 | 0.0 | 382.00 | 20 |
| 33 | 13.09 | 27.80 | 25.19 | 7.84 | 45.59 | 0.30 | 0.86 | 0.0 | 412.00 | 20 |
| 34 | 13.09 | 27.80 | 25.19 | 8.14 | 46.59 | 0.05 | 0.86 | 0.0 | 412.00 | 20 |
| 35 | 15.11 | 29.41 | 26.55 | 8.18 | 47.09 | 0.0 | 0.0 | 0.0 | 413.00 | 20 |
| 36 | 15.11 | 29.41 | 26.55 | 8.18 | 47.09 | 0.0 | 0.0 | 0.0 | 413.00 | 20 |
| 37 | 15.11 | 29.41 | 26.55 | 8.18 | 47.09 | 0.0 | 0.0 | 0.0 | 413.00 | 20 |

ESTACION LOS ANDES, OROTINA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

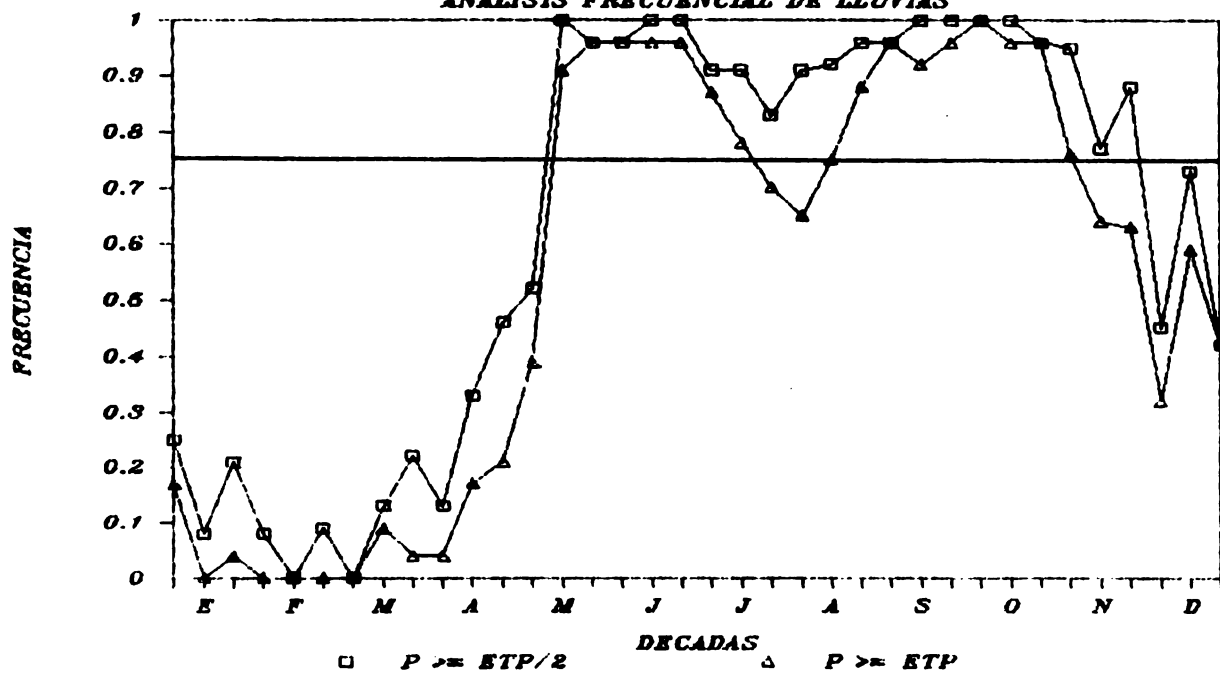
EIP, Y 2*ETP, PARA LA ESTACION RANCHO REDONDO

CODIGC 84C18 LAT 9 58 LONG 83 57 ALT 1480

NUMERO DE AÑOS ANALIZADOS 25

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | FI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 6.46 | 18.55 | 17.51 | 7.30 | 38.17 | 0.25 | 0.17 | 0.08 | 355.45 | 44 |
| 2 | 6.72 | 18.41 | 17.29 | 8.06 | 40.98 | 0.08 | 0.04 | 0.00 | 419.27 | 22 |
| 3 | 6.55 | 18.53 | 17.33 | 7.78 | 41.28 | 0.08 | 0.00 | 0.00 | 415.22 | 22 |
| 4 | 7.41 | 18.51 | 17.28 | 8.35 | 42.89 | 0.08 | 0.00 | 0.00 | 438.20 | 22 |
| 5 | 7.36 | 18.54 | 17.71 | 8.16 | 44.90 | 0.09 | 0.00 | 0.00 | 458.24 | 22 |
| 6 | 7.35 | 19.48 | 18.22 | 8.31 | 45.53 | 0.00 | 0.00 | 0.00 | 462.25 | 22 |
| 7 | 7.55 | 19.46 | 18.17 | 7.90 | 47.43 | 0.13 | 0.04 | 0.00 | 468.25 | 22 |
| 8 | 7.74 | 20.46 | 19.04 | 7.75 | 47.02 | 0.22 | 0.04 | 0.00 | 467.25 | 22 |
| 9 | 7.29 | 20.42 | 18.67 | 7.28 | 45.24 | 0.13 | 0.04 | 0.00 | 452.25 | 22 |
| 10 | 8.01 | 21.18 | 19.43 | 7.15 | 45.21 | 0.33 | 0.04 | 0.00 | 447.25 | 22 |
| 11 | 7.79 | 21.18 | 19.72 | 6.77 | 43.79 | 0.46 | 0.00 | 0.00 | 430.25 | 22 |
| 12 | 7.59 | 21.62 | 19.54 | 5.79 | 40.30 | 0.52 | 0.25 | 0.00 | 357.25 | 22 |
| 13 | 7.59 | 21.62 | 20.32 | 5.39 | 36.56 | 1.00 | 0.51 | 0.00 | 357.25 | 22 |
| 14 | 7.15 | 21.70 | 20.51 | 6.25 | 40.65 | 0.96 | 0.56 | 0.00 | 427.25 | 22 |
| 15 | 7.16 | 21.84 | 19.82 | 5.64 | 37.38 | 1.00 | 0.56 | 0.00 | 357.25 | 22 |
| 16 | 6.67 | 20.84 | 19.61 | 4.69 | 35.50 | 1.00 | 0.56 | 0.00 | 348.25 | 22 |
| 17 | 7.30 | 20.71 | 19.30 | 4.66 | 35.58 | 0.91 | 0.78 | 0.00 | 348.25 | 22 |
| 18 | 6.57 | 20.53 | 19.40 | 5.10 | 36.31 | 0.83 | 0.70 | 0.00 | 350.25 | 22 |
| 19 | 6.57 | 20.53 | 19.50 | 4.82 | 36.79 | 0.92 | 0.65 | 0.00 | 352.25 | 22 |
| 20 | 6.55 | 20.54 | 19.57 | 4.68 | 36.47 | 0.96 | 0.88 | 0.00 | 360.25 | 22 |
| 21 | 6.55 | 20.90 | 19.66 | 5.14 | 37.23 | 1.00 | 0.56 | 0.00 | 360.25 | 22 |
| 22 | 6.55 | 20.90 | 19.65 | 6.97 | 37.98 | 1.00 | 0.56 | 0.00 | 367.25 | 22 |
| 23 | 6.55 | 21.03 | 19.59 | 5.47 | 38.93 | 1.00 | 0.56 | 0.00 | 374.25 | 22 |
| 24 | 6.55 | 21.03 | 19.68 | 6.24 | 38.32 | 1.00 | 1.00 | 0.00 | 373.25 | 22 |
| 25 | 6.55 | 21.03 | 19.59 | 5.43 | 36.74 | 0.96 | 0.96 | 0.00 | 378.25 | 22 |
| 26 | 6.55 | 21.03 | 19.59 | 4.81 | 36.46 | 0.77 | 0.96 | 0.00 | 357.25 | 22 |
| 27 | 6.55 | 20.04 | 18.87 | 4.81 | 33.48 | 0.88 | 0.64 | 0.00 | 322.25 | 22 |
| 28 | 6.55 | 20.04 | 18.87 | 5.60 | 32.12 | 0.88 | 0.64 | 0.00 | 328.25 | 22 |
| 29 | 6.55 | 19.33 | 18.48 | 5.88 | 33.78 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 30 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 31 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 32 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 33 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 34 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 35 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 36 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |
| 37 | 6.55 | 19.33 | 18.48 | 5.88 | 33.99 | 0.73 | 0.63 | 0.00 | 333.25 | 22 |

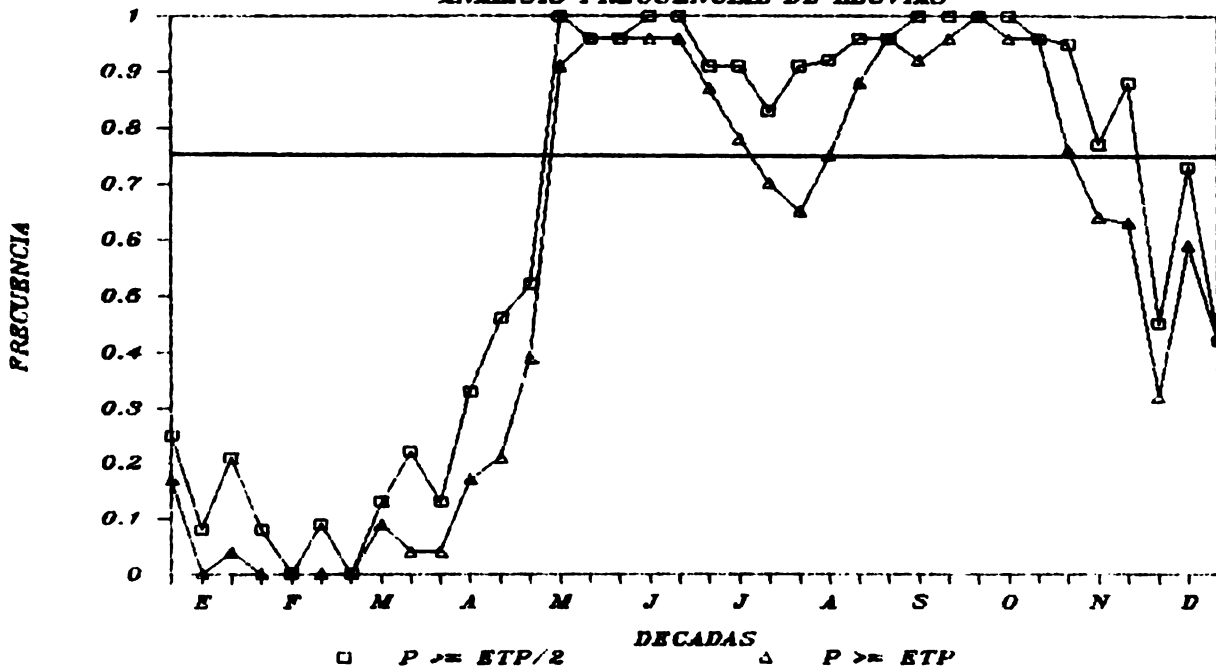
ESTACION RANCHO REDONDO ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLINACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION RANCHO REDONDO
 CWDIGC E4C18 LAT 9 58 LONG 83 57 ALT 1480
 NUMERO DE AÑOS ANALIZADOS 25

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | F1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 6.46 | 18.55 | 17.51 | 7.30 | 38.17 | 0.25 | 0.17 | 0.08 | 35.49 | 44 |
| 2 | 6.72 | 18.41 | 17.29 | 8.06 | 40.98 | 0.08 | 0.04 | 0.08 | 41.27 | 22 |
| 3 | 7.83 | 18.55 | 17.33 | 7.78 | 42.89 | 0.21 | 0.04 | 0.08 | 41.56 | 22 |
| 4 | 6.55 | 18.48 | 17.28 | 8.05 | 44.90 | 0.08 | 0.00 | 0.00 | 43.62 | 22 |
| 5 | 7.41 | 18.51 | 17.71 | 8.35 | 45.53 | 0.09 | 0.00 | 0.00 | 45.80 | 22 |
| 6 | 7.36 | 18.54 | 18.22 | 8.16 | 47.21 | 0.00 | 0.00 | 0.00 | 47.50 | 22 |
| 7 | 7.35 | 18.40 | 18.17 | 8.31 | 46.43 | 0.13 | 0.09 | 0.00 | 46.80 | 22 |
| 8 | 7.55 | 18.46 | 19.04 | 7.90 | 47.02 | 0.22 | 0.04 | 0.00 | 47.04 | 22 |
| 9 | 7.55 | 18.67 | 18.75 | 7.28 | 45.21 | 0.13 | 0.04 | 0.00 | 45.20 | 22 |
| 10 | 7.29 | 19.43 | 19.43 | 7.15 | 43.33 | 0.33 | 0.17 | 0.00 | 43.00 | 22 |
| 11 | 7.74 | 19.72 | 19.72 | 6.77 | 45.79 | 0.46 | 0.21 | 0.00 | 45.00 | 22 |
| 12 | 8.01 | 19.84 | 19.84 | 6.77 | 40.50 | 0.52 | 0.35 | 0.00 | 35.00 | 22 |
| 13 | 7.79 | 21.18 | 21.18 | 5.69 | 40.62 | 1.00 | 0.96 | 0.00 | 35.00 | 22 |
| 14 | 7.59 | 21.62 | 21.62 | 5.39 | 38.56 | 0.96 | 0.56 | 0.00 | 37.57 | 22 |
| 15 | 7.15 | 21.70 | 21.70 | 6.25 | 40.65 | 0.96 | 0.56 | 0.00 | 40.21 | 22 |
| 16 | 7.58 | 20.70 | 20.70 | 5.22 | 37.38 | 1.00 | 0.56 | 0.00 | 37.57 | 22 |
| 17 | 7.16 | 20.51 | 20.51 | 4.64 | 35.50 | 0.91 | 0.56 | 0.00 | 35.00 | 22 |
| 18 | 6.65 | 20.84 | 20.84 | 4.64 | 35.50 | 0.91 | 0.56 | 0.00 | 35.00 | 22 |
| 19 | 6.97 | 20.41 | 20.41 | 4.86 | 36.58 | 0.91 | 0.56 | 0.00 | 36.58 | 22 |
| 20 | 7.30 | 20.71 | 20.71 | 4.92 | 35.28 | 1.00 | 0.78 | 0.00 | 35.00 | 22 |
| 21 | 6.59 | 20.52 | 20.52 | 5.10 | 35.58 | 0.91 | 0.78 | 0.00 | 35.00 | 22 |
| 22 | 6.59 | 20.52 | 20.52 | 4.82 | 36.31 | 0.92 | 0.65 | 0.00 | 36.00 | 22 |
| 23 | 7.65 | 20.52 | 20.52 | 4.82 | 36.47 | 0.96 | 0.88 | 0.00 | 36.00 | 22 |
| 24 | 7.65 | 20.52 | 20.52 | 4.87 | 36.47 | 0.96 | 0.88 | 0.00 | 36.00 | 22 |
| 25 | 8.01 | 20.92 | 20.92 | 5.14 | 37.23 | 1.00 | 0.56 | 0.00 | 36.00 | 22 |
| 26 | 7.46 | 21.03 | 21.03 | 6.97 | 37.98 | 1.00 | 0.56 | 0.00 | 36.00 | 22 |
| 27 | 8.05 | 21.03 | 21.03 | 5.47 | 43.90 | 1.00 | 0.56 | 0.00 | 36.00 | 22 |
| 28 | 8.05 | 21.03 | 21.03 | 5.47 | 38.43 | 1.00 | 0.96 | 0.00 | 37.00 | 22 |
| 29 | 7.78 | 22.05 | 22.05 | 5.43 | 36.74 | 0.96 | 0.96 | 0.00 | 37.00 | 22 |
| 30 | 7.78 | 22.05 | 22.05 | 4.81 | 33.46 | 0.96 | 0.96 | 0.00 | 37.00 | 22 |
| 31 | 7.04 | 20.04 | 20.04 | 4.81 | 33.46 | 0.96 | 0.96 | 0.00 | 37.00 | 22 |
| 32 | 7.21 | 18.87 | 18.87 | 4.79 | 32.12 | 0.88 | 0.76 | 0.00 | 32.00 | 22 |
| 33 | 6.81 | 18.87 | 18.87 | 5.60 | 33.78 | 0.88 | 0.63 | 0.00 | 32.00 | 22 |
| 34 | 5.71 | 18.48 | 18.48 | 5.60 | 33.78 | 0.88 | 0.63 | 0.00 | 32.00 | 22 |
| 35 | 6.68 | 19.13 | 19.13 | 5.88 | 33.99 | 0.73 | 0.59 | 0.00 | 33.00 | 22 |
| 36 | 6.68 | 18.31 | 17.22 | 6.37 | 34.92 | 0.42 | 0.42 | 0.00 | 34.00 | 22 |
| 37 | 6.68 | 18.31 | 17.22 | 7.56 | 38.55 | 0.23 | 0.14 | 0.00 | 35.00 | 22 |

ESTACION RANCHO REDONDO ANALISIS FRECUENCIAL DE LLUVIAS



ESTADOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

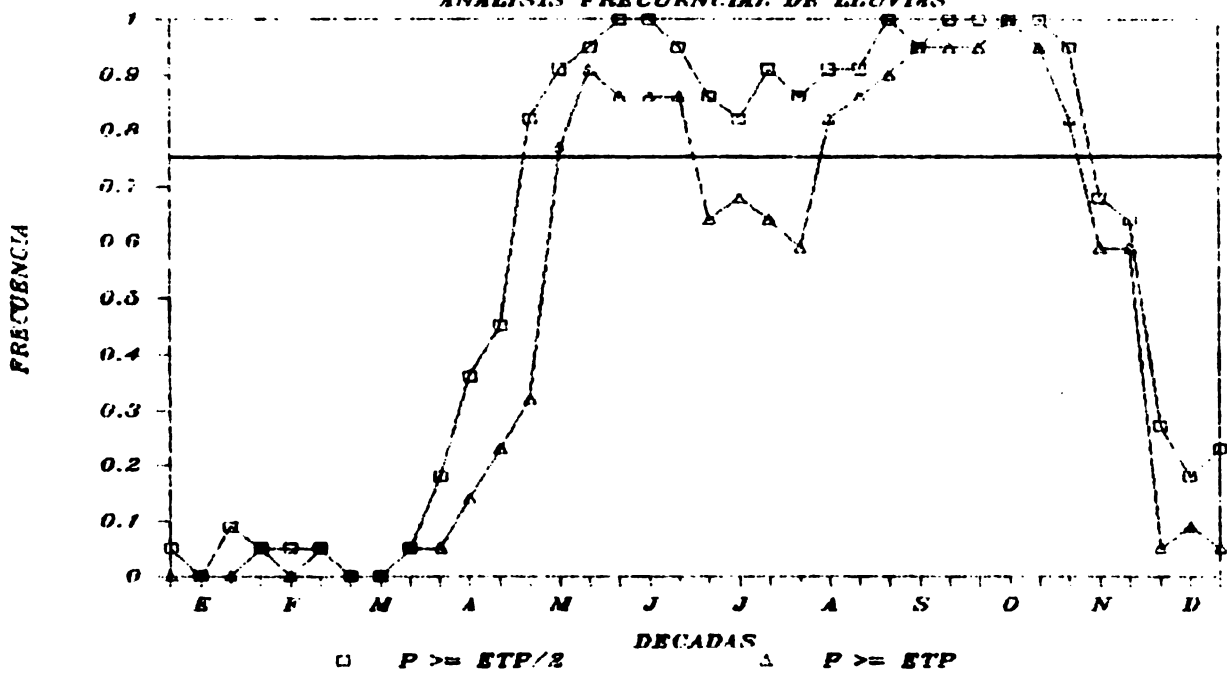
ETP, Y 2*ETP, PARA LA ESTACION JUAN SANTAMARIA

CCUISO 84021 LAT 10 0 LONG 84 12 ALT 932

NUMERO DE ANCS ANALIZADOS 22

| LEACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | FI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 10.46 | 24.45 | 22.69 | 8.57 | 45.32 | 0.05 | 0.0 | 0.0 | 426.25 | 22 |
| 2 | 10.83 | 24.55 | 22.66 | 8.17 | 44.72 | 0.09 | 0.0 | 0.0 | 422.29 | 22 |
| 3 | 11.52 | 24.72 | 22.50 | 9.69 | 51.02 | 0.05 | 0.05 | 0.0 | 478.23 | 22 |
| 4 | 11.65 | 25.02 | 23.58 | 9.25 | 53.36 | 0.05 | 0.05 | 0.0 | 477.62 | 22 |
| 5 | 11.55 | 25.68 | 23.28 | 9.43 | 53.24 | 0.05 | 0.05 | 0.0 | 494.58 | 22 |
| 6 | 11.74 | 25.68 | 23.80 | 9.32 | 55.06 | 0.0 | 0.0 | 0.0 | 505.32 | 22 |
| 7 | 11.57 | 25.71 | 23.52 | 8.92 | 54.45 | 0.05 | 0.05 | 0.0 | 502.51 | 22 |
| 8 | 11.96 | 25.76 | 23.76 | 9.35 | 51.91 | 0.05 | 0.05 | 0.0 | 488.20 | 22 |
| 9 | 11.27 | 25.77 | 23.19 | 8.75 | 52.66 | 0.18 | 0.13 | 0.0 | 465.20 | 22 |
| 10 | 11.46 | 25.77 | 24.15 | 7.75 | 50.65 | 0.34 | 0.22 | 0.0 | 465.27 | 22 |
| 11 | 11.54 | 25.66 | 23.80 | 6.64 | 45.97 | 0.82 | 0.77 | 0.0 | 425.26 | 22 |
| 12 | 10.94 | 25.62 | 23.46 | 5.88 | 42.61 | 0.91 | 0.86 | 0.0 | 356.20 | 22 |
| 13 | 10.21 | 25.41 | 22.76 | 5.27 | 39.04 | 0.95 | 0.86 | 0.0 | 356.20 | 22 |
| 14 | 9.86 | 24.24 | 22.62 | 5.15 | 39.04 | 1.00 | 0.86 | 0.0 | 356.20 | 22 |
| 15 | 9.66 | 24.43 | 22.90 | 4.51 | 37.89 | 0.95 | 0.86 | 0.0 | 356.20 | 22 |
| 16 | 9.46 | 24.53 | 22.90 | 4.73 | 37.78 | 0.86 | 0.64 | 0.0 | 356.20 | 22 |
| 17 | 9.41 | 24.53 | 22.44 | 4.56 | 37.06 | 0.82 | 0.68 | 0.0 | 356.20 | 22 |
| 18 | 9.94 | 24.43 | 22.67 | 4.58 | 40.73 | 0.86 | 0.55 | 0.0 | 356.20 | 22 |
| 19 | 9.93 | 24.35 | 22.73 | 5.29 | 39.93 | 0.86 | 0.55 | 0.0 | 356.20 | 22 |
| 20 | 9.94 | 24.35 | 22.65 | 5.19 | 40.27 | 0.91 | 0.86 | 0.0 | 356.20 | 22 |
| 21 | 9.28 | 24.07 | 22.56 | 5.29 | 37.49 | 0.91 | 0.86 | 0.0 | 356.20 | 22 |
| 22 | 9.25 | 24.07 | 22.31 | 5.01 | 37.22 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 23 | 9.65 | 23.82 | 22.31 | 4.63 | 38.77 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 24 | 9.65 | 23.70 | 22.45 | 4.80 | 37.75 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 25 | 9.50 | 23.67 | 22.45 | 5.04 | 37.24 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 26 | 9.50 | 23.67 | 22.42 | 5.11 | 38.92 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 27 | 9.93 | 23.60 | 22.34 | 5.82 | 37.92 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 28 | 9.93 | 23.60 | 22.34 | 5.82 | 38.92 | 1.00 | 0.95 | 0.0 | 356.20 | 22 |
| 29 | 8.58 | 23.60 | 22.34 | 4.93 | 34.93 | 0.68 | 0.59 | 0.0 | 356.20 | 22 |
| 30 | 8.58 | 23.60 | 22.34 | 4.93 | 34.93 | 0.68 | 0.59 | 0.0 | 356.20 | 22 |
| 31 | 10.16 | 23.60 | 22.34 | 7.15 | 38.20 | 0.67 | 0.59 | 0.0 | 356.20 | 22 |
| 32 | 10.51 | 23.60 | 22.34 | 7.15 | 40.57 | 0.67 | 0.59 | 0.0 | 356.20 | 22 |
| 33 | 10.03 | 23.60 | 22.34 | 7.17 | 42.29 | 0.67 | 0.59 | 0.0 | 356.20 | 22 |
| 34 | 10.47 | 23.60 | 22.34 | 7.83 | 44.55 | 0.67 | 0.59 | 0.0 | 356.20 | 22 |

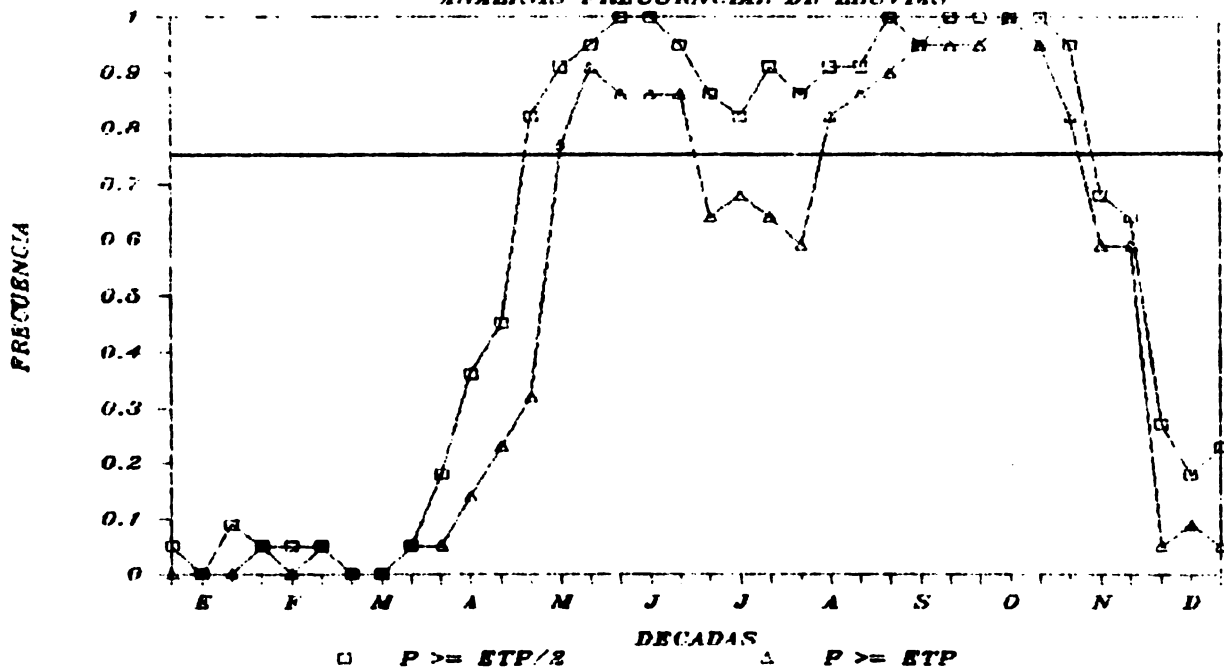
ESTACION JUAN SANTAMARIA ANALISIS FRECUENCIAL DE LLUVIAS



CALOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION JUAN SANTAMARIA
 CCUISO 84021 LAT 10 0 LONG 84 12 ALT 932
 NUMERO DE ANOS ANALIZADOS 22

| LEACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | FI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 10.43 | 24.40 | 22.66 | 8.53 | 45.32 | 0.05 | 0.0 | 0.0 | 426.28 | 22 |
| 2 | 10.84 | 24.55 | 22.66 | 8.17 | 44.72 | 0.09 | 0.0 | 0.0 | 422.39 | 22 |
| 3 | 10.92 | 24.72 | 22.50 | 9.69 | 51.08 | 0.05 | 0.0 | 0.0 | 478.33 | 22 |
| 4 | 11.65 | 25.02 | 23.08 | 9.56 | 53.36 | 0.05 | 0.0 | 0.0 | 497.22 | 22 |
| 5 | 11.74 | 25.60 | 23.66 | 9.33 | 54.24 | 0.05 | 0.0 | 0.0 | 504.58 | 22 |
| 6 | 11.75 | 25.68 | 23.80 | 9.92 | 55.06 | 0.0 | 0.0 | 0.0 | 502.32 | 22 |
| 7 | 11.96 | 26.01 | 23.52 | 8.92 | 54.33 | 0.0 | 0.0 | 0.0 | 473.51 | 22 |
| 8 | 11.97 | 26.05 | 23.76 | 9.95 | 52.91 | 0.05 | 0.05 | 0.0 | 488.20 | 22 |
| 9 | 11.46 | 26.66 | 24.19 | 7.35 | 51.91 | 0.18 | 0.14 | 0.0 | 465.20 | 22 |
| 10 | 11.54 | 26.62 | 24.15 | 7.69 | 50.66 | 0.36 | 0.23 | 0.0 | 465.67 | 22 |
| 11 | 10.21 | 23.62 | 23.80 | 7.75 | 50.97 | 0.82 | 0.77 | 0.0 | 425.62 | 22 |
| 12 | 10.86 | 23.41 | 23.76 | 6.58 | 42.61 | 0.95 | 0.91 | 0.0 | 332.20 | 22 |
| 13 | 9.66 | 24.24 | 22.62 | 5.27 | 39.04 | 1.00 | 0.86 | 0.0 | 356.20 | 22 |
| 14 | 9.76 | 24.53 | 22.90 | 5.17 | 39.04 | 0.95 | 0.86 | 0.0 | 356.20 | 22 |
| 15 | 9.46 | 24.50 | 22.44 | 4.85 | 37.89 | 1.00 | 0.86 | 0.0 | 337.77 | 22 |
| 16 | 9.94 | 24.44 | 22.87 | 4.51 | 37.78 | 0.86 | 0.64 | 0.0 | 356.14 | 22 |
| 17 | 9.94 | 24.35 | 22.67 | 4.73 | 37.06 | 0.82 | 0.68 | 0.0 | 352.37 | 22 |
| 18 | 9.94 | 24.35 | 22.67 | 4.58 | 37.06 | 0.82 | 0.68 | 0.0 | 352.37 | 22 |
| 19 | 9.94 | 24.35 | 22.67 | 5.29 | 40.03 | 0.91 | 0.65 | 0.0 | 352.37 | 22 |
| 20 | 9.94 | 24.35 | 22.67 | 5.29 | 39.24 | 0.91 | 0.65 | 0.0 | 352.37 | 22 |
| 21 | 10.25 | 24.07 | 22.56 | 5.01 | 39.24 | 0.91 | 0.65 | 0.0 | 352.37 | 22 |
| 22 | 10.25 | 23.87 | 22.31 | 5.29 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 23 | 10.25 | 23.87 | 22.31 | 4.66 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 24 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 25 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 26 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 27 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 28 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 29 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 30 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 31 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 32 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 33 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 34 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 35 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 36 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 37 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 38 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 39 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 40 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 41 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 42 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 43 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 44 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 45 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 46 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 47 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 48 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 49 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 50 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 51 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 52 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 53 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 54 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 55 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 56 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 57 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 58 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 59 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 60 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 61 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 62 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 63 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 64 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 65 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 66 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 67 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 68 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 69 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 70 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 71 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 72 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 73 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 74 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 75 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 76 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 77 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 78 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 79 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 80 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 81 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 82 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 83 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 84 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 85 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 86 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 87 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 88 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 89 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 90 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 91 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 92 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 93 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 94 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 95 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 96 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 97 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 98 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 99 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |
| 100 | 10.25 | 23.87 | 22.31 | 4.86 | 37.79 | 1.00 | 0.55 | 0.0 | 337.51 | 22 |

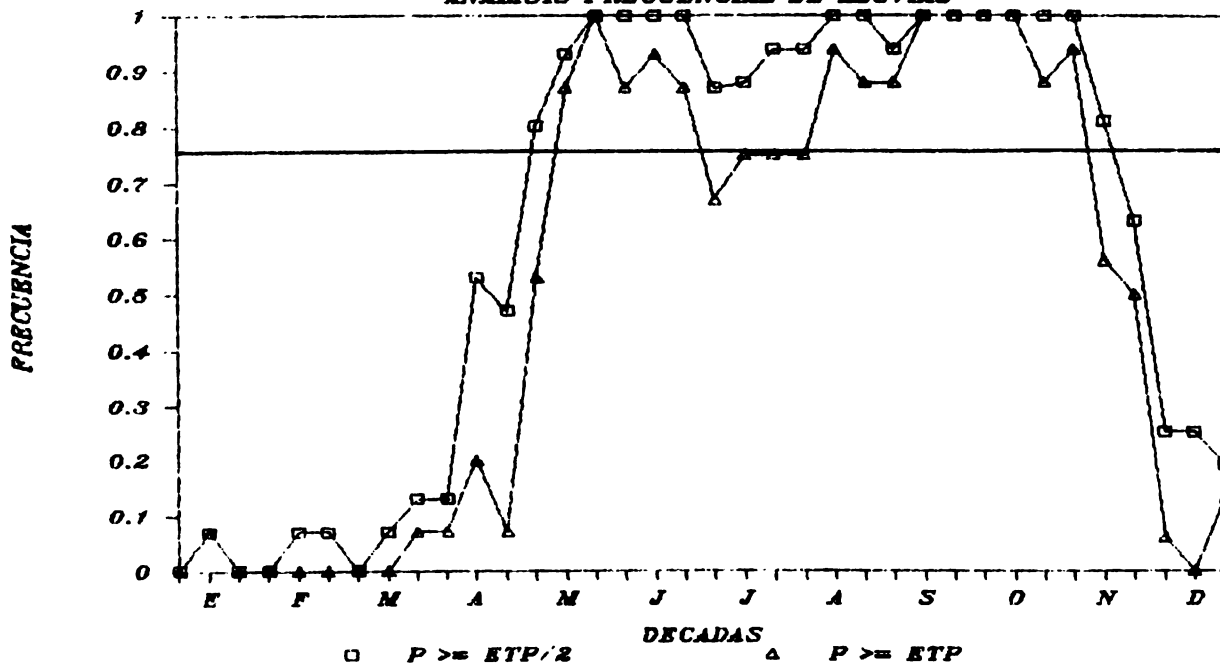
ESTACION JUAN SANTAMARIA ANALISIS FRECUENCIA DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNA Y NOCTURNA Y VARIACION, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 CIP, Y 2*ETP, PARA LA ESTACION ES.F.BAJORIT, CENTRAL
 CODIGO 84023 LAT 10 1 LCNG 84 16 ALT 840
 NUMERO DE ANCS ANALIZADOS 16

| LECACA | AMPLITUD | T. DIURNA | I. CIARIA | INSO | ETF | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 12.64 | 24.16 | 22.05 | 8.94 | 46.44 | 0.07 | 0.07 | 0.00 | 43.15 | 15 |
| 2 | 12.69 | 24.40 | 22.39 | 8.80 | 46.93 | 0.07 | 0.07 | 0.00 | 44.15 | 15 |
| 3 | 12.72 | 24.69 | 22.57 | 9.45 | 50.26 | 0.00 | 0.00 | 0.00 | 47.00 | 15 |
| 4 | 12.75 | 25.14 | 23.05 | 9.06 | 50.54 | 0.07 | 0.00 | 0.00 | 50.84 | 15 |
| 5 | 12.78 | 25.56 | 23.54 | 9.96 | 56.30 | 0.07 | 0.00 | 0.00 | 52.21 | 15 |
| 6 | 12.81 | 26.17 | 24.42 | 9.28 | 56.43 | 0.07 | 0.00 | 0.00 | 55.70 | 15 |
| 7 | 12.84 | 26.33 | 24.16 | 9.51 | 57.04 | 0.13 | 0.07 | 0.00 | 55.99 | 15 |
| 8 | 12.87 | 26.16 | 23.86 | 8.43 | 53.33 | 0.13 | 0.07 | 0.00 | 57.08 | 15 |
| 9 | 12.90 | 26.44 | 23.90 | 8.60 | 54.12 | 0.13 | 0.07 | 0.00 | 57.08 | 15 |
| 10 | 12.93 | 26.88 | 24.32 | 8.08 | 52.32 | 0.57 | 0.20 | 0.13 | 58.21 | 15 |
| 11 | 12.96 | 27.00 | 24.80 | 7.53 | 49.70 | 0.47 | 0.20 | 0.13 | 57.08 | 15 |
| 12 | 12.99 | 27.20 | 25.00 | 7.79 | 46.34 | 0.80 | 0.52 | 0.20 | 55.99 | 15 |
| 13 | 13.02 | 27.40 | 25.48 | 6.41 | 44.57 | 0.93 | 0.87 | 0.20 | 55.99 | 15 |
| 14 | 13.05 | 27.60 | 25.96 | 5.80 | 44.77 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 15 | 13.08 | 27.80 | 26.44 | 5.02 | 37.53 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 16 | 13.11 | 28.00 | 26.92 | 4.80 | 37.53 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 17 | 13.14 | 28.20 | 27.40 | 4.42 | 37.53 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 18 | 13.17 | 28.40 | 27.88 | 4.80 | 37.53 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 19 | 13.20 | 28.60 | 28.36 | 4.45 | 35.90 | 0.87 | 0.87 | 0.20 | 55.99 | 15 |
| 20 | 13.23 | 28.80 | 28.84 | 4.45 | 36.57 | 0.87 | 0.87 | 0.20 | 55.99 | 15 |
| 21 | 13.26 | 29.00 | 29.32 | 5.18 | 39.32 | 0.87 | 0.87 | 0.20 | 55.99 | 15 |
| 22 | 13.29 | 29.20 | 29.80 | 5.18 | 40.21 | 0.94 | 0.94 | 0.20 | 55.99 | 15 |
| 23 | 13.32 | 29.40 | 30.28 | 5.95 | 39.02 | 0.94 | 0.94 | 0.20 | 55.99 | 15 |
| 24 | 13.35 | 29.60 | 30.76 | 4.95 | 39.02 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 25 | 13.38 | 29.80 | 31.24 | 4.75 | 39.02 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 26 | 13.41 | 29.40 | 31.72 | 4.20 | 39.67 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 27 | 13.44 | 29.60 | 32.20 | 4.95 | 39.67 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 28 | 13.47 | 29.80 | 32.68 | 4.20 | 38.96 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 29 | 13.50 | 29.40 | 33.16 | 4.62 | 37.68 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 30 | 13.53 | 29.60 | 33.64 | 5.01 | 38.05 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 31 | 13.56 | 29.80 | 34.12 | 5.62 | 35.41 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 32 | 13.59 | 29.40 | 34.60 | 5.62 | 35.41 | 1.00 | 1.00 | 0.20 | 55.99 | 15 |
| 33 | 13.62 | 29.60 | 35.08 | 5.17 | 37.12 | 0.81 | 0.81 | 0.20 | 55.99 | 15 |
| 34 | 13.65 | 29.80 | 35.56 | 5.86 | 41.12 | 0.63 | 0.56 | 0.20 | 55.99 | 15 |
| 35 | 13.68 | 29.40 | 36.04 | 5.86 | 41.65 | 0.63 | 0.56 | 0.20 | 55.99 | 15 |
| 36 | 13.71 | 29.60 | 36.52 | 7.22 | 43.15 | 0.25 | 0.13 | 0.20 | 55.99 | 15 |
| 37 | 13.74 | 29.80 | 37.00 | 7.50 | 43.15 | 0.25 | 0.13 | 0.20 | 55.99 | 15 |
| 38 | 13.77 | 29.40 | 37.48 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 39 | 13.80 | 29.60 | 37.96 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 40 | 13.83 | 29.80 | 38.44 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 41 | 13.86 | 29.40 | 38.92 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 42 | 13.89 | 29.60 | 39.40 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 43 | 13.92 | 29.80 | 39.88 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 44 | 13.95 | 29.40 | 40.36 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 45 | 13.98 | 29.60 | 40.84 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 46 | 14.01 | 29.80 | 41.32 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 47 | 14.04 | 29.40 | 41.80 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 48 | 14.07 | 29.60 | 42.28 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 49 | 14.10 | 29.80 | 42.76 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 50 | 14.13 | 29.40 | 43.24 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 51 | 14.16 | 29.60 | 43.72 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 52 | 14.19 | 29.80 | 44.20 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 53 | 14.22 | 29.40 | 44.68 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 54 | 14.25 | 29.60 | 45.16 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 55 | 14.28 | 29.80 | 45.64 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 56 | 14.31 | 29.40 | 46.12 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 57 | 14.34 | 29.60 | 46.60 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 58 | 14.37 | 29.80 | 47.08 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 59 | 14.40 | 29.40 | 47.56 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 60 | 14.43 | 29.60 | 48.04 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 61 | 14.46 | 29.80 | 48.52 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 62 | 14.49 | 29.40 | 49.00 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 63 | 14.52 | 29.60 | 49.48 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 64 | 14.55 | 29.80 | 50.00 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 65 | 14.58 | 29.40 | 50.48 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 66 | 14.61 | 29.60 | 50.96 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 67 | 14.64 | 29.80 | 51.44 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 68 | 14.67 | 29.40 | 51.92 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 69 | 14.70 | 29.60 | 52.40 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 70 | 14.73 | 29.80 | 52.88 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 71 | 14.76 | 29.40 | 53.36 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 72 | 14.79 | 29.60 | 53.84 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 73 | 14.82 | 29.80 | 54.32 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 74 | 14.85 | 29.40 | 54.80 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 75 | 14.88 | 29.60 | 55.28 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 76 | 14.91 | 29.80 | 55.76 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 77 | 14.94 | 29.40 | 56.24 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 78 | 14.97 | 29.60 | 56.72 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 79 | 15.00 | 29.80 | 57.20 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 80 | 15.03 | 29.40 | 57.68 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 81 | 15.06 | 29.60 | 58.16 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 82 | 15.09 | 29.80 | 58.64 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 83 | 15.12 | 29.40 | 59.12 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 84 | 15.15 | 29.60 | 59.60 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 85 | 15.18 | 29.80 | 60.08 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 86 | 15.21 | 29.40 | 60.56 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 87 | 15.24 | 29.60 | 61.04 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 88 | 15.27 | 29.80 | 61.52 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 89 | 15.30 | 29.40 | 62.00 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 90 | 15.33 | 29.60 | 62.48 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 91 | 15.36 | 29.80 | 62.96 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 92 | 15.39 | 29.40 | 63.44 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 93 | 15.42 | 29.60 | 63.92 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 94 | 15.45 | 29.80 | 64.40 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 95 | 15.48 | 29.40 | 64.88 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 96 | 15.51 | 29.60 | 65.36 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 97 | 15.54 | 29.80 | 65.84 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 98 | 15.57 | 29.40 | 66.32 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 99 | 15.60 | 29.60 | 66.80 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 100 | 15.63 | 29.80 | 67.28 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 101 | 15.66 | 29.40 | 67.76 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 102 | 15.69 | 29.60 | 68.24 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 103 | 15.72 | 29.80 | 68.72 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 104 | 15.75 | 29.40 | 69.20 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 105 | 15.78 | 29.60 | 69.68 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 106 | 15.81 | 29.80 | 70.16 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 107 | 15.84 | 29.40 | 70.64 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 108 | 15.87 | 29.60 | 71.12 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 109 | 15.90 | 29.80 | 71.60 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 110 | 15.93 | 29.40 | 72.08 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 111 | 15.96 | 29.60 | 72.56 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 112 | 15.99 | 29.80 | 73.04 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 113 | 16.02 | 29.40 | 73.52 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 114 | 16.05 | 29.60 | 74.00 | 8.11 | 46.93 | 0.19 | 0.13 | 0.20 | 55.99 | 15 |
| 115 | 16.08 | 29.80 | 74.48 | 8.11 | 46.93 | | | | | |

ESTACION F. BAUDRIT ANALISIS FRECUENCIAL DE LLUVIAS



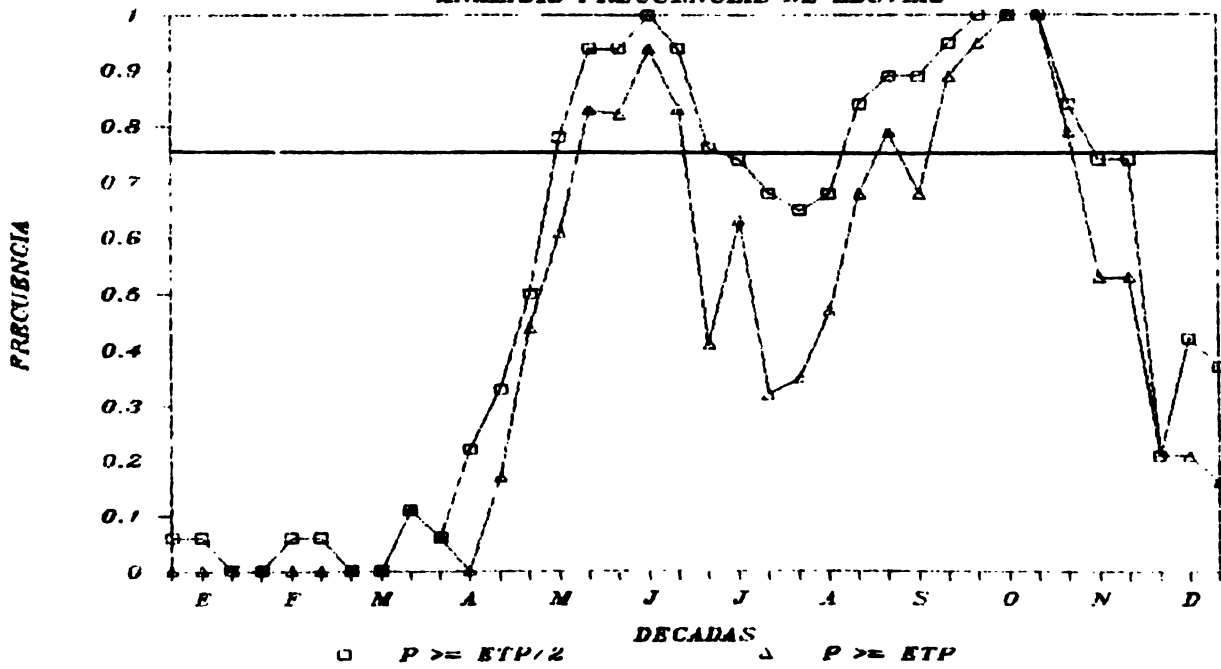
DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION S.RAFael UJO DE AGUA
 CODIGO 84C24 LAT 9 56 LCNG 84 13 ALT 850
 NUMERO DE ANOS ANALIZADOS 18

| LECALA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NE |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|-----|
| 1 | 11.11 | 24.10 | 22.25 | 8.30 | 44.42 | 0.06 | 0.0 | 0.0 | 419.45 | 118 |
| 2 | 11.29 | 24.20 | 22.36 | 8.29 | 45.23 | 0.06 | 0.0 | 0.0 | 426.41 | 118 |
| 3 | 11.66 | 24.63 | 22.69 | 8.15 | 46.10 | 0.06 | 0.06 | 0.0 | 437.51 | 118 |
| 4 | 11.16 | 24.53 | 22.49 | 8.35 | 47.78 | 0.06 | 0.0 | 0.0 | 447.14 | 118 |
| 5 | 12.17 | 25.55 | 23.49 | 7.92 | 48.42 | 0.11 | 0.06 | 0.0 | 454.52 | 118 |
| 6 | 12.28 | 25.67 | 23.63 | 7.81 | 49.55 | 0.11 | 0.06 | 0.0 | 456.53 | 118 |
| 7 | 12.37 | 25.51 | 23.80 | 8.32 | 52.17 | 0.11 | 0.0 | 0.0 | 462.75 | 118 |
| 8 | 11.54 | 25.92 | 23.66 | 7.62 | 50.89 | 0.24 | 0.1 | 0.0 | 450.22 | 117 |
| 9 | 11.67 | 25.62 | 23.54 | 7.23 | 46.59 | 0.35 | 0.35 | 0.06 | 422.21 | 117 |
| 10 | 11.14 | 25.03 | 23.57 | 6.61 | 45.84 | 0.47 | 0.56 | 0.0 | 422.21 | 118 |
| 11 | 10.39 | 24.03 | 23.30 | 6.46 | 41.20 | 0.89 | 0.89 | 0.17 | 356.04 | 118 |
| 12 | 10.06 | 24.50 | 22.93 | 5.34 | 38.18 | 0.94 | 0.89 | 0.67 | 352.04 | 118 |
| 13 | 9.65 | 24.24 | 22.66 | 4.63 | 37.60 | 1.00 | 0.94 | 0.56 | 352.04 | 118 |
| 14 | 9.51 | 24.24 | 22.63 | 4.73 | 37.19 | 1.00 | 0.89 | 0.17 | 352.04 | 118 |
| 15 | 9.55 | 24.35 | 22.85 | 5.65 | 37.33 | 0.85 | 0.78 | 0.17 | 352.04 | 118 |
| 16 | 9.55 | 24.35 | 22.85 | 5.32 | 40.59 | 0.89 | 0.72 | 0.17 | 352.04 | 118 |
| 17 | 9.80 | 24.33 | 22.70 | 5.52 | 39.71 | 0.83 | 0.61 | 0.17 | 352.04 | 118 |
| 18 | 9.50 | 24.27 | 22.61 | 4.90 | 40.79 | 0.67 | 0.83 | 0.22 | 352.04 | 118 |
| 19 | 9.01 | 24.05 | 22.38 | 4.63 | 38.83 | 0.89 | 0.83 | 0.22 | 352.04 | 118 |
| 20 | 9.64 | 23.81 | 22.27 | 4.65 | 37.99 | 1.00 | 0.83 | 0.22 | 352.04 | 118 |
| 21 | 9.66 | 23.81 | 22.27 | 4.64 | 37.79 | 1.00 | 0.83 | 0.22 | 352.04 | 118 |
| 22 | 9.48 | 23.74 | 22.16 | 4.88 | 38.34 | 1.00 | 0.83 | 0.22 | 352.04 | 118 |
| 23 | 9.37 | 23.65 | 22.22 | 4.62 | 38.11 | 1.00 | 0.94 | 0.22 | 352.04 | 118 |
| 24 | 9.37 | 23.65 | 22.22 | 4.65 | 36.38 | 1.00 | 0.94 | 0.22 | 352.04 | 118 |
| 25 | 9.51 | 23.74 | 22.19 | 4.65 | 35.63 | 1.00 | 1.00 | 0.22 | 352.04 | 118 |
| 26 | 9.60 | 23.55 | 22.14 | 4.94 | 35.93 | 1.00 | 1.00 | 0.22 | 352.04 | 118 |
| 27 | 9.60 | 23.55 | 22.14 | 5.96 | 38.44 | 0.72 | 0.82 | 0.12 | 352.04 | 118 |
| 28 | 10.32 | 23.55 | 22.23 | 5.96 | 37.64 | 0.67 | 0.50 | 0.0 | 352.04 | 118 |
| 29 | 10.32 | 23.55 | 22.23 | 7.76 | 42.74 | 0.17 | 0.06 | 0.0 | 352.04 | 118 |
| 30 | 10.32 | 23.55 | 22.23 | 7.82 | 42.55 | 0.17 | 0.06 | 0.0 | 352.04 | 118 |
| 31 | 10.32 | 23.55 | 22.23 | 7.74 | 42.05 | 0.17 | 0.06 | 0.0 | 352.04 | 118 |
| 32 | 10.32 | 23.55 | 22.23 | 7.74 | 42.05 | 0.17 | 0.06 | 0.0 | 352.04 | 118 |
| 33 | 10.32 | 23.55 | 22.23 | 8.39 | 44.37 | 0.0 | 0.0 | 0.0 | 352.04 | 117 |
| 34 | 10.32 | 23.55 | 22.23 | 8.39 | 44.37 | 0.0 | 0.0 | 0.0 | 352.04 | 117 |
| 35 | 10.32 | 23.55 | 22.23 | 8.39 | 44.37 | 0.0 | 0.0 | 0.0 | 352.04 | 117 |
| 36 | 10.32 | 23.55 | 22.23 | 8.39 | 44.37 | 0.0 | 0.0 | 0.0 | 352.04 | 117 |
| 37 | 10.32 | 23.55 | 22.23 | 8.39 | 44.37 | 0.0 | 0.0 | 0.0 | 352.04 | 117 |

DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION ALTO DE UCHOMOGO
 C OJIGO 84C40 LAT 9 54 LCG 83 57 ALT 1546
 NUMERO DE ANOS ANALIZADOS 21

| ULCACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 5.58 | 18.01 | 17.02 | 8.18 | 40.45 | 0.06 | 0.0 | 0.0 | 416.24 | 18 |
| 2 | 6.24 | 17.80 | 16.76 | 8.20 | 41.04 | 0.06 | 0.0 | 0.0 | 423.65 | 18 |
| 3 | 7.40 | 18.23 | 17.00 | 8.39 | 42.41 | 0.0 | 0.0 | 0.0 | 434.58 | 18 |
| 4 | 6.31 | 17.84 | 16.99 | 8.27 | 43.54 | 0.06 | 0.0 | 0.0 | 445.15 | 18 |
| 5 | 6.86 | 18.28 | 17.14 | 8.38 | 45.47 | 0.06 | 0.0 | 0.0 | 454.58 | 18 |
| 6 | 7.06 | 18.84 | 17.60 | 8.37 | 47.00 | 0.0 | 0.0 | 0.0 | 477.37 | 18 |
| 7 | 6.84 | 18.75 | 17.54 | 8.38 | 47.58 | 0.0 | 0.0 | 0.0 | 481.16 | 18 |
| 8 | 8.10 | 19.40 | 18.15 | 7.88 | 47.07 | 0.06 | 0.06 | 0.0 | 472.68 | 18 |
| 9 | 7.49 | 19.50 | 18.56 | 7.59 | 46.87 | 0.06 | 0.06 | 0.0 | 472.68 | 18 |
| 10 | 7.30 | 20.17 | 19.31 | 7.59 | 46.35 | 0.06 | 0.06 | 0.0 | 472.68 | 18 |
| 11 | 7.94 | 20.63 | 19.45 | 6.88 | 44.02 | 0.33 | 0.17 | 0.0 | 422.28 | 18 |
| 12 | 7.68 | 20.73 | 19.51 | 5.97 | 40.72 | 0.50 | 0.44 | 0.0 | 402.89 | 18 |
| 13 | 7.52 | 21.26 | 20.01 | 5.77 | 36.66 | 0.78 | 0.61 | 0.0 | 365.07 | 18 |
| 14 | 7.77 | 21.13 | 20.86 | 4.66 | 35.96 | 0.94 | 0.82 | 0.0 | 350.71 | 18 |
| 15 | 7.88 | 20.82 | 19.18 | 4.65 | 35.18 | 0.94 | 0.82 | 0.0 | 350.71 | 18 |
| 16 | 7.40 | 20.82 | 19.52 | 4.62 | 35.35 | 0.94 | 0.82 | 0.0 | 350.71 | 18 |
| 17 | 6.25 | 20.43 | 19.23 | 4.62 | 35.35 | 0.94 | 0.82 | 0.0 | 350.71 | 18 |
| 18 | 6.37 | 20.40 | 19.23 | 4.62 | 35.35 | 0.94 | 0.82 | 0.0 | 350.71 | 18 |
| 19 | 6.03 | 20.40 | 19.51 | 5.48 | 37.81 | 0.74 | 0.63 | 0.0 | 376.15 | 18 |
| 20 | 6.48 | 20.40 | 19.16 | 5.47 | 38.15 | 0.68 | 0.63 | 0.0 | 376.15 | 18 |
| 21 | 6.03 | 20.33 | 19.37 | 5.91 | 39.46 | 0.68 | 0.68 | 0.0 | 379.80 | 18 |
| 22 | 6.58 | 20.15 | 19.37 | 5.68 | 39.77 | 0.68 | 0.68 | 0.0 | 379.80 | 18 |
| 23 | 6.48 | 20.15 | 19.37 | 5.68 | 39.77 | 0.68 | 0.68 | 0.0 | 379.80 | 18 |
| 24 | 7.81 | 20.51 | 19.23 | 4.83 | 36.73 | 0.84 | 0.79 | 0.0 | 351.08 | 18 |
| 25 | 7.81 | 20.51 | 19.23 | 4.83 | 36.73 | 0.84 | 0.79 | 0.0 | 351.08 | 18 |
| 26 | 7.40 | 20.61 | 19.32 | 4.62 | 36.08 | 0.89 | 0.89 | 0.0 | 351.08 | 18 |
| 27 | 7.34 | 20.61 | 19.32 | 4.62 | 36.08 | 0.89 | 0.89 | 0.0 | 351.08 | 18 |
| 28 | 7.84 | 20.73 | 19.42 | 5.36 | 37.76 | 0.95 | 0.95 | 0.0 | 379.80 | 18 |
| 29 | 8.44 | 20.73 | 19.42 | 5.36 | 37.76 | 0.95 | 0.95 | 0.0 | 379.80 | 18 |
| 30 | 7.61 | 20.70 | 19.19 | 5.07 | 36.28 | 1.00 | 1.00 | 0.0 | 379.80 | 18 |
| 31 | 7.77 | 20.70 | 19.07 | 5.11 | 36.54 | 1.00 | 1.00 | 0.0 | 379.80 | 18 |
| 32 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 33 | 6.44 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 34 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 35 | 6.44 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 36 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 37 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 38 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 39 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |
| 40 | 6.50 | 19.65 | 18.52 | 4.40 | 33.45 | 0.84 | 0.79 | 0.0 | 334.00 | 18 |

ESTACION ALTO DE OCHOMOGO ANALISIS FRECUENCIAL DE LLUVIAS



DAIOS LE INCLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

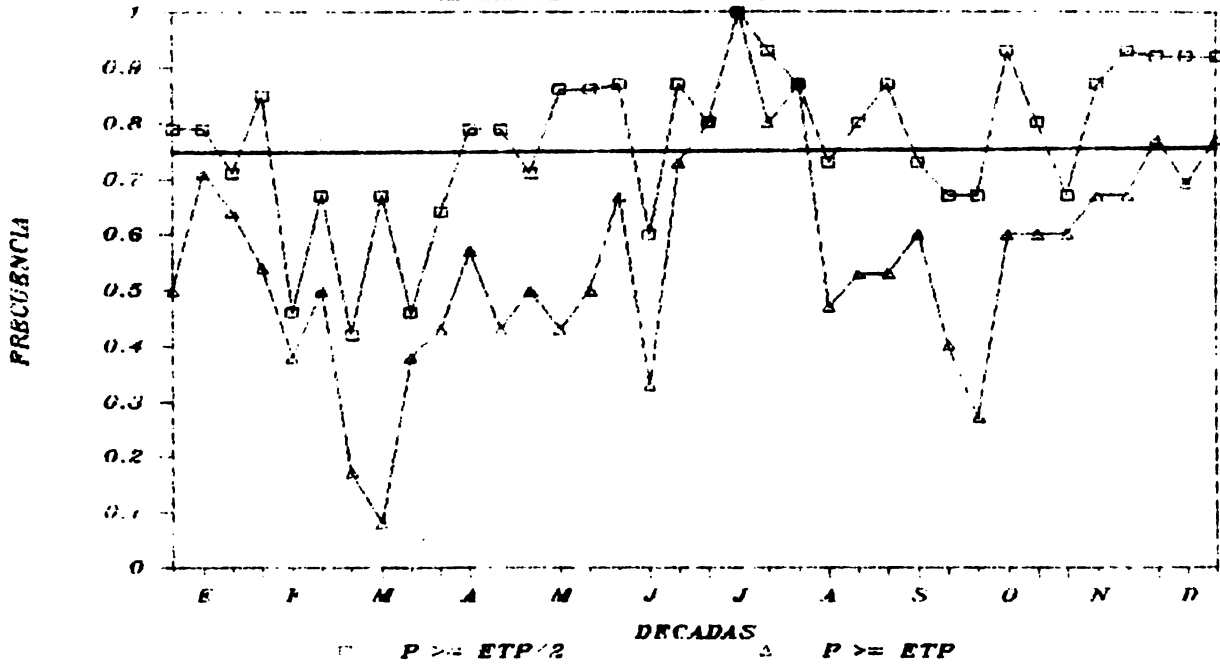
ETP, Y 2*ETP, PARA LA ESTACION FINCA 16

CCDIGO 25004 LAT 9 42 LCNG 82 59 ALT 30

NUMERO DE AÑOS ANALIZADOS 15

| DECADA | AMPLITUD | I. DIURNA | I. NOCTURNA | ETP | PI | P2 | P3 | GC | AE |
|--------|----------|-----------|-------------|-------|------|------|------|--------|----|
| 1 | 12.50 | 27.20 | 25.10 | 37.73 | 0.79 | 0.50 | 0.16 | 341.54 | 14 |
| 2 | 12.70 | 27.00 | 24.75 | 37.61 | 0.71 | 0.64 | 0.36 | 342.10 | 14 |
| 3 | 12.60 | 27.10 | 25.00 | 41.10 | 0.85 | 0.64 | 0.33 | 346.90 | 13 |
| 4 | 12.20 | 27.40 | 25.40 | 43.88 | 0.46 | 0.58 | 0.22 | 352.40 | 13 |
| 5 | 12.50 | 27.50 | 25.50 | 40.71 | 0.67 | 0.17 | 0.08 | 356.05 | 13 |
| 6 | 12.80 | 27.30 | 25.30 | 47.83 | 0.46 | 0.18 | 0.00 | 367.05 | 12 |
| 7 | 12.50 | 27.80 | 26.10 | 45.19 | 0.46 | 0.38 | 0.00 | 433.22 | 12 |
| 8 | 12.50 | 28.00 | 26.00 | 41.82 | 0.79 | 0.51 | 0.16 | 404.16 | 14 |
| 9 | 12.30 | 28.60 | 26.60 | 43.73 | 0.71 | 0.53 | 0.21 | 385.54 | 14 |
| 10 | 12.30 | 28.90 | 26.25 | 44.68 | 0.86 | 0.50 | 0.21 | 387.48 | 14 |
| 11 | 12.00 | 29.40 | 27.35 | 43.72 | 0.86 | 0.50 | 0.21 | 355.48 | 14 |
| 12 | 12.00 | 29.20 | 27.20 | 45.22 | 0.86 | 0.50 | 0.21 | 355.51 | 14 |
| 13 | 11.20 | 29.70 | 27.50 | 42.02 | 0.60 | 0.57 | 0.00 | 371.24 | 15 |
| 14 | 11.20 | 28.40 | 26.50 | 42.48 | 0.80 | 0.73 | 0.20 | 378.52 | 15 |
| 15 | 11.70 | 28.30 | 26.55 | 39.26 | 0.80 | 0.80 | 0.00 | 350.37 | 15 |
| 16 | 11.20 | 27.80 | 26.10 | 37.84 | 1.00 | 1.00 | 0.00 | 340.00 | 15 |
| 17 | 11.30 | 27.80 | 26.15 | 38.54 | 0.93 | 0.87 | 0.00 | 350.59 | 15 |
| 18 | 11.70 | 27.90 | 26.15 | 44.00 | 0.87 | 0.47 | 0.00 | 346.52 | 15 |
| 19 | 11.00 | 28.00 | 26.50 | 43.23 | 0.80 | 0.53 | 0.00 | 387.48 | 15 |
| 20 | 11.40 | 28.10 | 26.40 | 43.17 | 0.77 | 0.60 | 0.00 | 386.32 | 15 |
| 21 | 11.20 | 28.00 | 26.40 | 43.85 | 0.67 | 0.40 | 0.00 | 386.32 | 15 |
| 22 | 11.20 | 28.20 | 26.40 | 47.32 | 0.53 | 0.20 | 0.00 | 423.10 | 15 |
| 23 | 11.50 | 28.30 | 26.35 | 41.36 | 0.80 | 0.60 | 0.00 | 350.59 | 15 |
| 24 | 11.50 | 28.30 | 26.35 | 39.46 | 0.87 | 0.60 | 0.00 | 352.05 | 15 |
| 25 | 11.00 | 28.40 | 26.00 | 35.81 | 0.93 | 0.67 | 0.00 | 369.56 | 15 |
| 26 | 11.80 | 27.60 | 26.00 | 35.15 | 0.93 | 0.67 | 0.00 | 340.45 | 15 |
| 27 | 11.70 | 27.60 | 26.00 | 33.02 | 0.92 | 0.67 | 0.00 | 321.30 | 15 |
| 28 | 12.10 | 27.30 | 25.35 | 33.65 | 0.92 | 0.67 | 0.00 | 315.21 | 15 |
| 29 | 12.30 | 27.30 | 25.35 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 30 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 31 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 32 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 33 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 34 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 35 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 36 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |
| 37 | 12.30 | 27.30 | 25.25 | 39.43 | 0.67 | 0.00 | 0.00 | 304.24 | 15 |

ESTACION FINCA 16 ANALISIS FRECUENCIAL DE LLUVIAS



DAIOS DE INCLACION, TEMPERATURAS DIARNA Y DIARIA, AMPLITUD Y
LA PRCEABILIDAD DE CUE LA PRECIPITACION SEA MAYGF C IGUAL A ETP/2

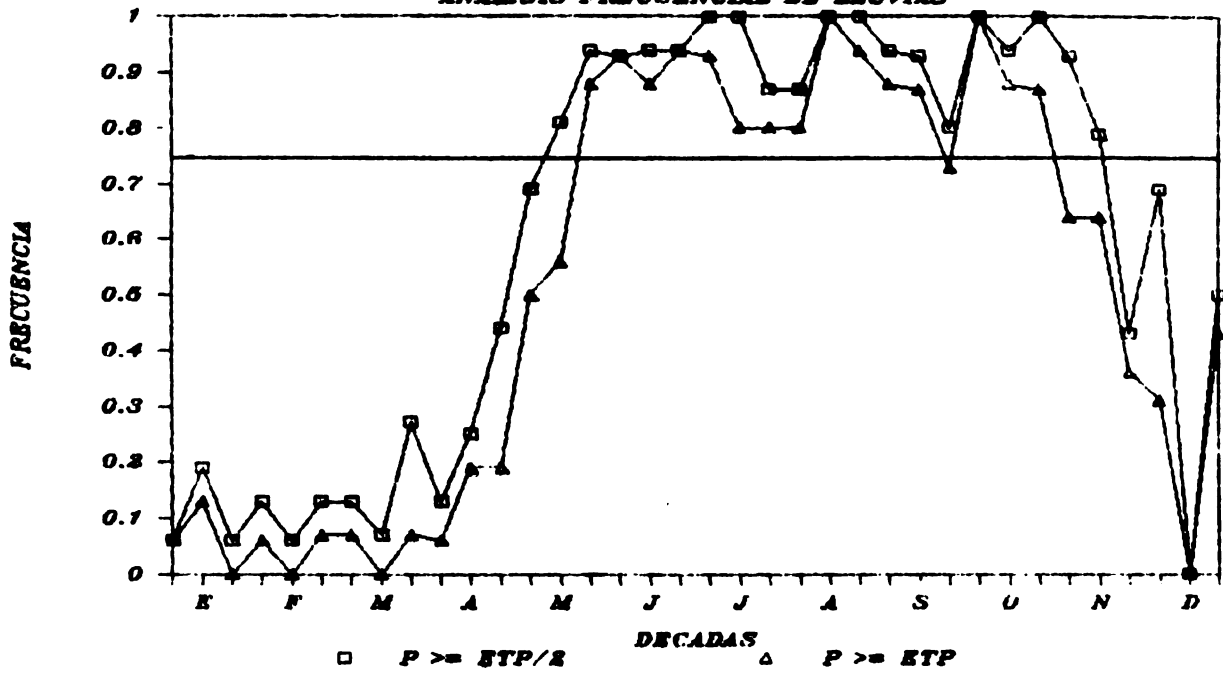
ETP, Y 2*ETP, PARA LA ESTACION FERRADURA

CCDIGO E6CCI LAT 9 40 LONG 84 38 ALT 3

NUMERO DE ANOS ANALIZADOS 17

| UECFA | AMPLITUD | T. DIARNA | INSO | ETP | FI | P2 | P3 | GC | NB |
|-------|----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.58 | 27.03 | 8.24 | 47.34 | 0.06 | 0.06 | 0.00 | 415.29 | 1 |
| 2 | 11.56 | 27.43 | 8.13 | 47.88 | 0.19 | 0.13 | 0.00 | 422.69 | 1 |
| 3 | 11.53 | 27.90 | 8.15 | 51.31 | 0.06 | 0.06 | 0.00 | 441.13 | 1 |
| 4 | 11.37 | 28.09 | 8.32 | 51.21 | 0.06 | 0.06 | 0.00 | 448.32 | 1 |
| 5 | 11.24 | 28.19 | 8.71 | 54.04 | 0.06 | 0.07 | 0.00 | 471.30 | 1 |
| 6 | 11.21 | 28.72 | 8.33 | 53.82 | 0.13 | 0.07 | 0.00 | 468.37 | 1 |
| 7 | 11.16 | 29.13 | 8.62 | 55.22 | 0.07 | 0.07 | 0.00 | 492.47 | 1 |
| 8 | 11.13 | 29.11 | 8.05 | 55.49 | 0.13 | 0.07 | 0.00 | 492.47 | 1 |
| 9 | 11.25 | 29.21 | 8.03 | 55.56 | 0.24 | 0.06 | 0.00 | 477.85 | 1 |
| 10 | 11.74 | 29.67 | 7.46 | 55.34 | 0.13 | 0.19 | 0.00 | 457.80 | 1 |
| 11 | 11.79 | 29.80 | 7.22 | 54.86 | 0.24 | 0.19 | 0.00 | 447.39 | 1 |
| 12 | 11.74 | 29.39 | 7.89 | 53.65 | 0.49 | 0.56 | 0.00 | 457.39 | 1 |
| 13 | 11.79 | 28.70 | 5.44 | 46.17 | 0.81 | 0.56 | 0.00 | 391.31 | 1 |
| 14 | 11.82 | 28.70 | 5.07 | 41.80 | 0.94 | 0.56 | 0.00 | 364.31 | 1 |
| 15 | 9.08 | 27.70 | 4.77 | 41.33 | 0.94 | 0.58 | 0.00 | 354.25 | 1 |
| 16 | 9.33 | 27.13 | 4.77 | 39.83 | 0.94 | 0.58 | 0.00 | 354.25 | 1 |
| 17 | 9.45 | 27.27 | 4.89 | 39.72 | 0.94 | 0.58 | 0.00 | 352.16 | 1 |
| 18 | 9.65 | 27.30 | 4.89 | 40.25 | 1.00 | 0.53 | 0.00 | 352.16 | 1 |
| 19 | 9.65 | 27.35 | 5.07 | 40.44 | 1.00 | 0.53 | 0.00 | 352.16 | 1 |
| 20 | 9.65 | 27.41 | 5.15 | 41.38 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 21 | 9.65 | 27.47 | 5.36 | 42.04 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 22 | 9.65 | 27.55 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 23 | 9.65 | 27.61 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 24 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 25 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 26 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 27 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 28 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 29 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 30 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 31 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 32 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 33 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 34 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 35 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 36 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 37 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 38 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 39 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 40 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 41 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 42 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 43 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 44 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 45 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 46 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 47 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 48 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 49 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |
| 50 | 9.65 | 27.62 | 5.21 | 42.06 | 1.00 | 0.80 | 0.00 | 352.16 | 1 |

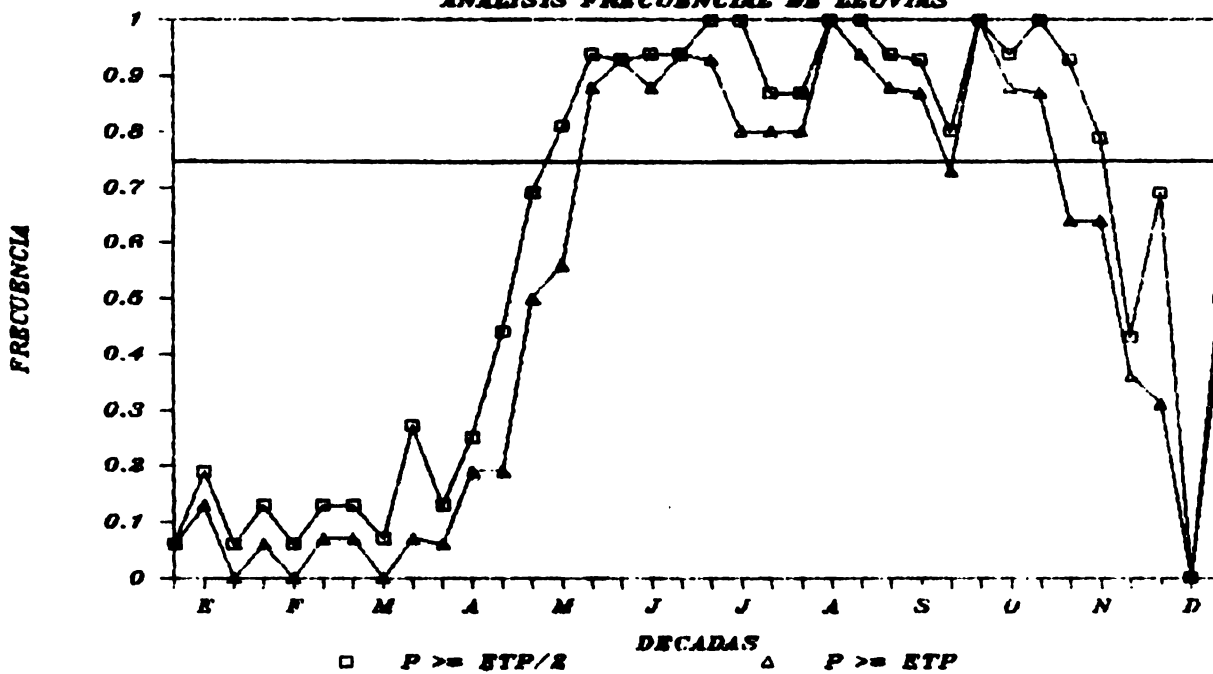
ESTACION HERRADURA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION FERRADURA
 CCDIGO E6CCI LAT 9 40 LONG 84 38 ALT 3
 NUMERO DE AÑOS ANALIZADOS 17

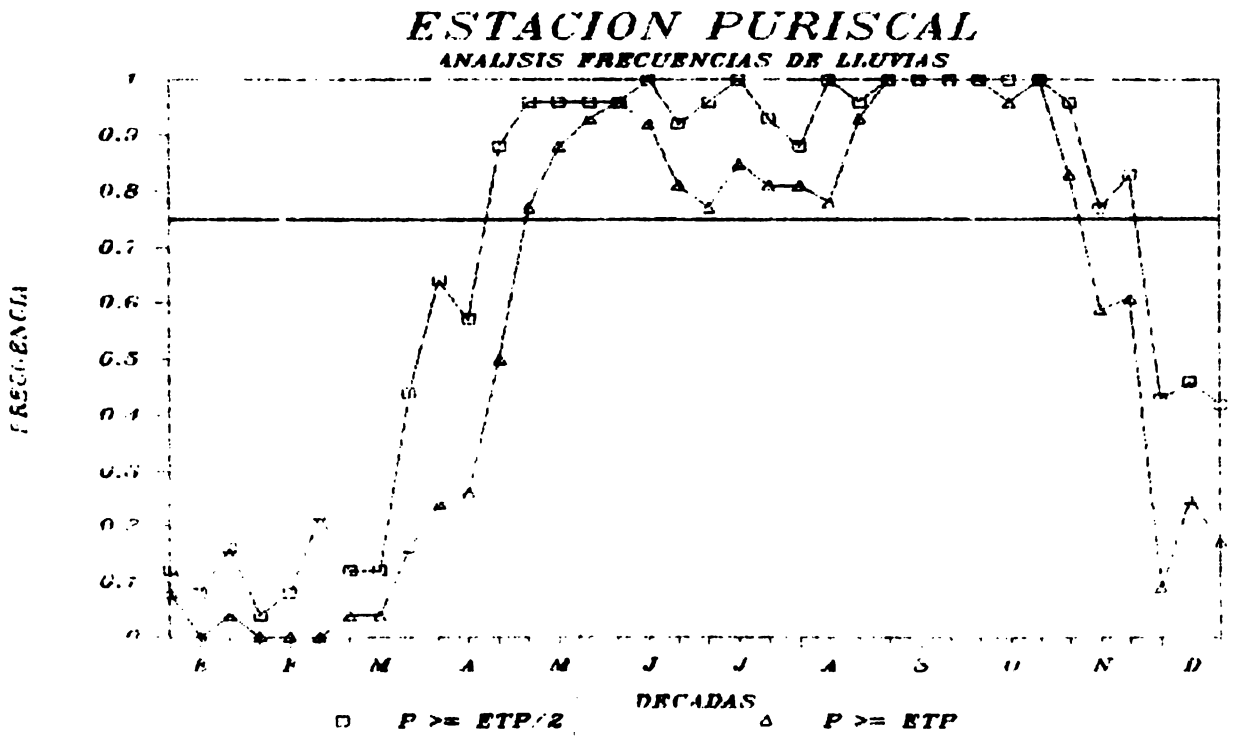
| LECA | AMPLITUD | T. DIURNA | T. NOCTURNA | ETP | FI | P2 | P3 | GC | AB |
|------|----------|-----------|-------------|-------|------|------|------|--------|----|
| 1 | 11.08 | 27.03 | 8.24 | 47.34 | 0.06 | 0.06 | 0.06 | 415.27 | 16 |
| 2 | 11.56 | 27.19 | 8.13 | 47.81 | 0.19 | 0.13 | 0.00 | 422.79 | 11 |
| 3 | 11.53 | 27.43 | 8.75 | 51.31 | 0.06 | 0.06 | 0.00 | 441.11 | 16 |
| 4 | 12.37 | 28.09 | 8.32 | 51.21 | 0.13 | 0.06 | 0.00 | 441.11 | 16 |
| 5 | 12.40 | 28.19 | 8.37 | 54.82 | 0.13 | 0.07 | 0.00 | 471.32 | 15 |
| 6 | 12.31 | 28.72 | 8.62 | 53.82 | 0.17 | 0.07 | 0.00 | 468.35 | 15 |
| 7 | 12.71 | 29.15 | 8.03 | 55.22 | 0.13 | 0.07 | 0.00 | 452.77 | 15 |
| 8 | 12.77 | 29.21 | 8.03 | 55.49 | 0.13 | 0.06 | 0.00 | 477.85 | 15 |
| 9 | 11.89 | 29.67 | 7.46 | 55.56 | 0.25 | 0.19 | 0.00 | 477.85 | 16 |
| 10 | 11.74 | 29.80 | 7.22 | 53.45 | 0.25 | 0.19 | 0.00 | 457.31 | 16 |
| 11 | 11.79 | 28.39 | 7.89 | 51.86 | 0.49 | 0.50 | 0.00 | 455.57 | 16 |
| 12 | 9.82 | 28.70 | 5.40 | 41.33 | 0.81 | 0.88 | 0.00 | 381.31 | 16 |
| 13 | 9.33 | 27.70 | 4.77 | 39.83 | 0.94 | 0.93 | 0.00 | 364.21 | 16 |
| 14 | 5.45 | 27.13 | 4.77 | 39.72 | 0.94 | 0.93 | 0.00 | 354.25 | 16 |
| 15 | 5.65 | 27.20 | 4.89 | 40.25 | 0.94 | 0.93 | 0.00 | 352.16 | 15 |
| 16 | 5.65 | 27.35 | 5.07 | 40.44 | 1.00 | 0.80 | 0.00 | 352.16 | 15 |
| 17 | 5.65 | 27.41 | 5.15 | 41.38 | 1.00 | 0.80 | 0.00 | 352.16 | 15 |
| 18 | 5.65 | 27.47 | 5.36 | 42.04 | 1.00 | 0.80 | 0.00 | 352.16 | 15 |
| 19 | 5.65 | 27.55 | 5.21 | 43.06 | 1.00 | 0.98 | 0.00 | 370.58 | 16 |
| 20 | 5.65 | 27.62 | 5.05 | 42.60 | 1.00 | 0.98 | 0.00 | 370.58 | 16 |
| 21 | 5.65 | 27.84 | 5.75 | 41.60 | 1.00 | 0.87 | 0.00 | 371.66 | 16 |
| 22 | 5.65 | 28.05 | 5.00 | 41.22 | 1.00 | 0.87 | 0.00 | 371.66 | 16 |
| 23 | 5.65 | 28.12 | 5.03 | 43.37 | 1.00 | 0.87 | 0.00 | 367.19 | 15 |
| 24 | 5.65 | 28.57 | 6.27 | 40.59 | 1.00 | 0.87 | 0.00 | 367.19 | 15 |
| 25 | 5.65 | 28.56 | 5.40 | 40.01 | 1.00 | 0.84 | 0.00 | 358.15 | 15 |
| 26 | 5.65 | 28.56 | 5.00 | 37.46 | 1.00 | 0.64 | 0.00 | 358.15 | 15 |
| 27 | 5.65 | 28.55 | 6.35 | 40.73 | 1.00 | 0.31 | 0.00 | 335.44 | 14 |
| 28 | 5.65 | 28.55 | 6.11 | 40.55 | 1.00 | 0.43 | 0.00 | 335.44 | 14 |
| 29 | 5.65 | 28.55 | 6.64 | 47.92 | 1.00 | 0.15 | 0.00 | 363.58 | 14 |
| 30 | 5.65 | 28.55 | 6.89 | 47.93 | 1.00 | 0.15 | 0.00 | 363.58 | 14 |
| 31 | 5.65 | 28.55 | 7.85 | 45.80 | 1.00 | 0.43 | 0.00 | 427.38 | 14 |
| 32 | 5.65 | 27.03 | 7.85 | 45.80 | 1.00 | 0.43 | 0.00 | 427.38 | 14 |

ESTACION HERRADURA ANALISIS FRECUENCIAL DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION PURISCAL
 CDDIGO 88001 LAT 9 51 LCG 84 19 ALT 1102
 NUMERO DE AÑOS ANALIZADOS 29

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|-----|--------|----|
| 1 | 10.70 | 21.83 | 20.05 | 8.57 | 44.18 | 0.12 | 0.08 | 0.0 | 431.43 | 6 |
| 2 | 11.40 | 22.20 | 20.35 | 8.77 | 45.52 | 0.08 | 0.04 | 0.0 | 445.53 | 6 |
| 3 | 11.70 | 22.41 | 20.50 | 8.61 | 46.01 | 0.16 | 0.00 | 0.0 | 445.53 | 2 |
| 4 | 11.80 | 22.71 | 20.75 | 8.84 | 48.38 | 0.08 | 0.00 | 0.0 | 474.87 | 2 |
| 5 | 12.00 | 23.00 | 21.00 | 8.52 | 49.50 | 0.22 | 0.04 | 0.0 | 474.87 | 5 |
| 6 | 11.80 | 23.03 | 21.05 | 8.47 | 50.21 | 0.12 | 0.00 | 0.0 | 481.22 | 5 |
| 7 | 11.30 | 23.33 | 21.45 | 7.86 | 49.34 | 0.44 | 0.16 | 0.0 | 481.22 | 5 |
| 8 | 11.00 | 23.30 | 21.60 | 7.33 | 47.58 | 0.67 | 0.26 | 0.0 | 470.87 | 5 |
| 9 | 11.00 | 23.30 | 21.60 | 7.33 | 47.61 | 0.57 | 0.26 | 0.0 | 470.87 | 5 |
| 10 | 10.80 | 23.63 | 21.80 | 6.62 | 44.54 | 0.88 | 0.77 | 0.0 | 454.59 | 5 |
| 11 | 9.70 | 22.63 | 21.25 | 5.66 | 40.88 | 0.96 | 0.96 | 0.0 | 427.41 | 6 |
| 12 | 9.00 | 22.20 | 20.75 | 4.77 | 37.54 | 0.96 | 0.96 | 0.0 | 322.56 | 6 |
| 13 | 8.60 | 22.13 | 20.70 | 4.68 | 37.32 | 0.96 | 0.96 | 0.0 | 354.23 | 6 |
| 14 | 8.20 | 22.11 | 20.60 | 5.00 | 37.49 | 1.00 | 0.92 | 0.0 | 362.56 | 6 |
| 15 | 8.20 | 22.11 | 20.75 | 5.13 | 38.19 | 0.92 | 0.81 | 0.0 | 370.56 | 6 |
| 16 | 8.40 | 22.41 | 20.90 | 5.37 | 39.74 | 1.00 | 0.85 | 0.0 | 385.35 | 6 |
| 17 | 8.50 | 22.41 | 20.95 | 5.37 | 38.08 | 1.00 | 0.81 | 0.0 | 367.73 | 6 |
| 18 | 8.70 | 22.41 | 20.95 | 5.57 | 39.59 | 0.93 | 0.81 | 0.0 | 382.71 | 6 |
| 19 | 8.70 | 22.41 | 20.95 | 5.86 | 40.85 | 1.00 | 0.81 | 0.0 | 394.56 | 6 |
| 20 | 8.60 | 22.31 | 20.90 | 5.25 | 37.01 | 1.00 | 0.93 | 0.0 | 377.45 | 7 |
| 21 | 8.30 | 22.01 | 20.70 | 4.85 | 37.74 | 1.00 | 1.00 | 0.0 | 366.14 | 7 |
| 22 | 8.20 | 22.01 | 20.70 | 4.43 | 36.26 | 1.00 | 1.00 | 0.0 | 332.47 | 7 |
| 23 | 8.20 | 22.01 | 20.70 | 4.43 | 36.55 | 1.00 | 1.00 | 0.0 | 345.30 | 7 |
| 24 | 7.50 | 21.60 | 20.35 | 4.33 | 35.31 | 1.00 | 1.00 | 0.0 | 345.30 | 5 |
| 25 | 7.40 | 21.60 | 20.35 | 4.25 | 36.00 | 1.00 | 1.00 | 0.0 | 351.52 | 5 |
| 26 | 7.40 | 21.60 | 20.35 | 4.33 | 34.28 | 1.00 | 1.00 | 0.0 | 339.47 | 4 |
| 27 | 7.50 | 21.40 | 20.15 | 4.34 | 33.58 | 1.00 | 1.00 | 0.0 | 329.12 | 4 |
| 28 | 7.50 | 21.53 | 20.15 | 5.35 | 36.35 | 0.96 | 0.83 | 0.0 | 356.56 | 6 |
| 29 | 7.60 | 21.40 | 20.20 | 6.09 | 36.49 | 0.77 | 0.59 | 0.0 | 376.56 | 6 |
| 30 | 8.50 | 21.50 | 20.15 | 6.09 | 38.88 | 0.83 | 0.61 | 0.0 | 360.52 | 6 |
| 31 | 8.50 | 21.50 | 20.15 | 7.34 | 39.61 | 0.43 | 0.25 | 0.0 | 388.12 | 3 |
| 32 | 10.20 | 21.60 | 19.90 | 7.34 | 41.71 | 0.46 | 0.09 | 0.0 | 406.92 | 3 |
| 33 | 10.20 | 21.60 | 19.90 | 7.81 | 41.11 | 0.42 | 0.27 | 0.0 | 388.12 | 3 |
| 34 | 10.70 | 21.83 | 20.05 | 8.78 | 44.34 | 0.05 | 0.0 | 0.0 | 400.01 | 4 |
| 35 | | | | | | | | | | 2 |
| 36 | | | | | | | | | | 2 |
| 37 | | | | | | | | | | 2 |



DAIOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

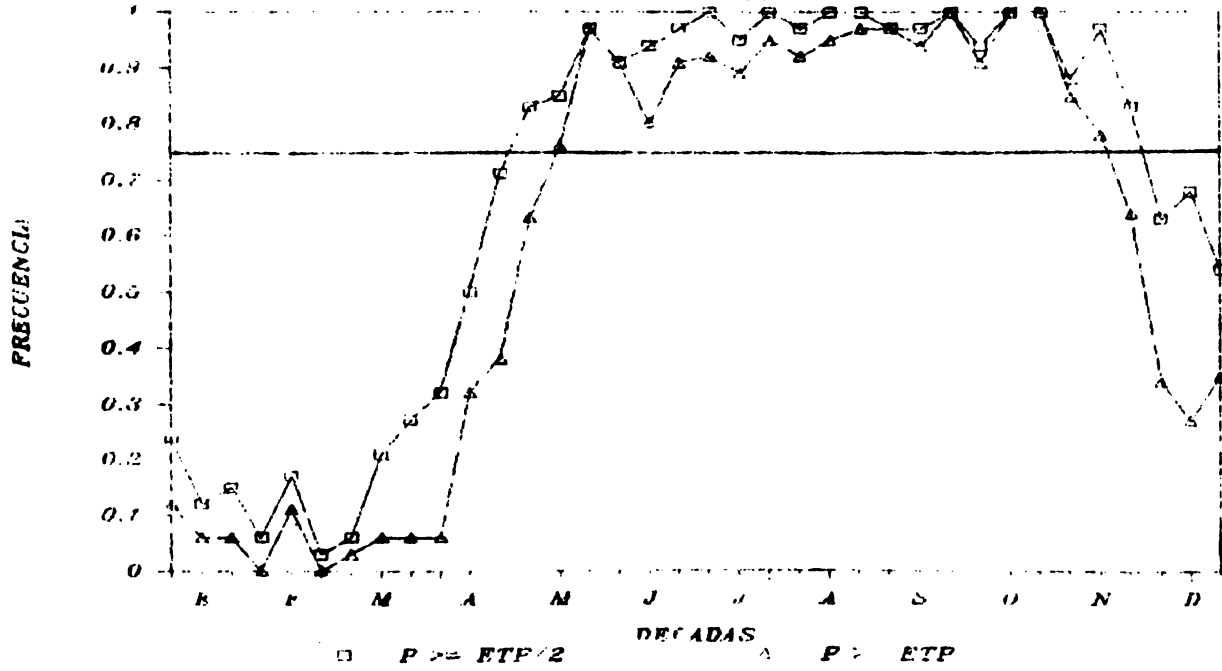
ETP, Y 2*ETP, PARA LA ESTACION FINCA PALO SECO

CCDIGO 88004 LAT 9 32 LONG 84 18 ALT 15

NUMERO DE ANOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. NOCTURNA | INSD | ETP | P1 | P2 | P3 | GC | NP |
|--------|----------|-----------|-------------|------|-------|------|------|------|--------|----|
| 1 | 13.20 | 29.43 | 27.23 | 8.30 | 47.92 | 0.24 | 0.12 | 0.03 | 421.84 | 34 |
| 2 | 13.56 | 29.63 | 27.30 | 8.56 | 49.73 | 0.15 | 0.06 | 0.00 | 436.63 | 34 |
| 3 | 14.39 | 30.51 | 27.63 | 8.46 | 50.65 | 0.06 | 0.05 | 0.00 | 442.71 | 34 |
| 4 | 14.71 | 30.01 | 27.95 | 8.87 | 53.41 | 0.17 | 0.11 | 0.00 | 466.65 | 35 |
| 5 | 14.81 | 30.42 | 27.95 | 8.85 | 53.35 | 0.03 | 0.03 | 0.00 | 465.15 | 33 |
| 6 | 14.42 | 30.47 | 28.07 | 8.75 | 55.96 | 0.06 | 0.03 | 0.00 | 486.47 | 33 |
| 7 | 14.46 | 30.42 | 28.31 | 8.30 | 56.57 | 0.21 | 0.06 | 0.00 | 451.40 | 33 |
| 8 | 13.91 | 30.62 | 28.32 | 8.11 | 55.70 | 0.27 | 0.06 | 0.00 | 482.36 | 33 |
| 9 | 13.40 | 30.55 | 28.30 | 8.13 | 55.29 | 0.30 | 0.06 | 0.00 | 475.42 | 33 |
| 10 | 12.81 | 30.55 | 28.36 | 8.23 | 55.45 | 0.50 | 0.22 | 0.00 | 451.37 | 34 |
| 11 | 12.81 | 30.49 | 28.08 | 7.23 | 51.84 | 0.71 | 0.38 | 0.00 | 420.58 | 34 |
| 12 | 11.83 | 29.99 | 28.08 | 6.69 | 48.22 | 0.83 | 0.63 | 0.00 | 393.22 | 35 |
| 13 | 11.15 | 29.56 | 27.89 | 4.88 | 44.96 | 0.85 | 0.76 | 0.00 | 363.26 | 35 |
| 14 | 10.74 | 29.55 | 27.58 | 4.44 | 41.27 | 0.97 | 0.97 | 0.00 | 345.46 | 35 |
| 15 | 10.52 | 29.34 | 27.51 | 4.35 | 39.27 | 0.91 | 0.91 | 0.00 | 340.87 | 35 |
| 16 | 10.64 | 29.30 | 27.33 | 4.00 | 38.63 | 0.94 | 0.80 | 0.00 | 350.10 | 35 |
| 17 | 10.78 | 29.12 | 27.35 | 4.72 | 39.63 | 0.97 | 0.92 | 0.00 | 340.47 | 35 |
| 18 | 10.53 | 29.05 | 27.29 | 4.38 | 38.49 | 0.95 | 0.85 | 0.00 | 357.21 | 35 |
| 19 | 10.78 | 29.02 | 27.35 | 4.87 | 38.83 | 1.00 | 0.95 | 0.00 | 343.81 | 35 |
| 20 | 11.03 | 29.02 | 27.19 | 4.92 | 38.11 | 1.00 | 0.95 | 0.00 | 345.37 | 35 |
| 21 | 11.48 | 28.53 | 27.07 | 4.41 | 39.43 | 1.00 | 0.97 | 0.00 | 350.70 | 35 |
| 22 | 11.13 | 28.84 | 27.02 | 4.36 | 39.48 | 1.00 | 0.94 | 0.00 | 352.53 | 35 |
| 23 | 11.89 | 28.94 | 27.18 | 4.46 | 39.81 | 1.00 | 0.97 | 0.00 | 349.24 | 35 |
| 24 | 10.86 | 28.85 | 27.00 | 4.43 | 39.20 | 1.00 | 1.00 | 0.00 | 329.30 | 36 |
| 25 | 10.55 | 28.72 | 26.96 | 4.53 | 38.16 | 1.00 | 1.00 | 0.00 | 327.70 | 36 |
| 26 | 10.55 | 28.64 | 26.85 | 4.25 | 36.78 | 1.00 | 1.00 | 0.00 | 317.66 | 36 |
| 27 | 10.54 | 28.60 | 26.91 | 4.24 | 35.99 | 0.88 | 0.85 | 0.00 | 335.37 | 36 |
| 28 | 10.54 | 28.66 | 26.91 | 5.05 | 37.98 | 0.97 | 0.64 | 0.00 | 355.37 | 36 |
| 29 | 11.66 | 28.52 | 27.18 | 5.98 | 40.53 | 0.83 | 0.54 | 0.00 | 368.37 | 37 |
| 30 | 11.01 | 28.91 | 27.18 | 6.49 | 41.62 | 0.68 | 0.34 | 0.00 | 383.35 | 37 |
| 31 | 11.36 | 29.11 | 27.24 | 7.14 | 43.70 | 0.68 | 0.27 | 0.00 | 385.35 | 37 |
| 32 | 11.30 | 29.30 | 27.26 | 7.23 | 46.80 | 0.54 | 0.13 | 0.00 | 411.58 | 37 |

ESTACION PALO SECO ANALISIS FRECUENCIAS DE LLUVIAS

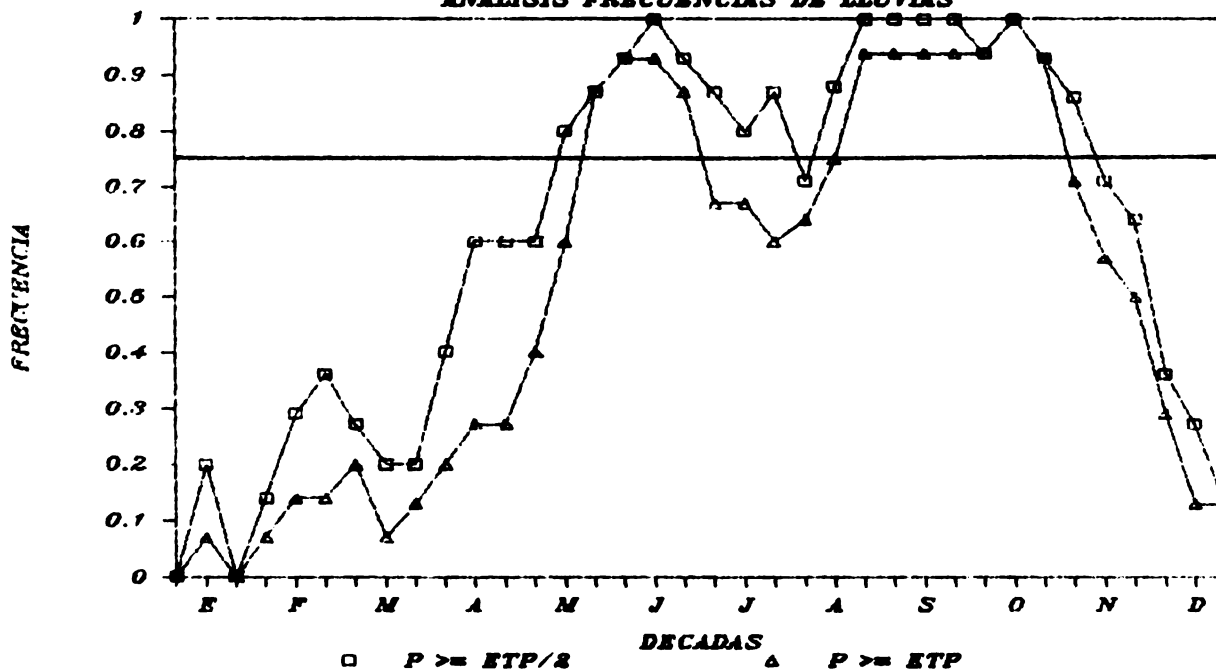


DATOS DE INCLACION, TEMPERATURAS DIURNAS Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION SAN IGNACIO ACOSTA

CODIGO 88CC5 LAT 9 48 LONG 84 10 ALT 1095
 NUMERO DE AÑOS ANALIZADOS 16

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | F1 | P2 | P3 | GC | ND |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 10.59 | 22.05 | 20.29 | 9.05 | 45.57 | 0.00 | 0.00 | 0.00 | 442.63 | 15 |
| 2 | 11.16 | 22.24 | 20.42 | 8.59 | 45.05 | 0.20 | 0.00 | 0.00 | 436.22 | 15 |
| 3 | 11.66 | 22.44 | 20.55 | 9.11 | 47.77 | 0.04 | 0.00 | 0.00 | 461.80 | 14 |
| 4 | 12.20 | 22.74 | 20.71 | 8.46 | 46.80 | 0.29 | 0.07 | 0.00 | 451.46 | 14 |
| 5 | 12.95 | 22.95 | 20.92 | 8.12 | 48.09 | 0.36 | 0.14 | 0.00 | 461.45 | 14 |
| 6 | 11.69 | 22.34 | 21.00 | 8.11 | 48.95 | 0.27 | 0.20 | 0.00 | 469.27 | 15 |
| 7 | 11.10 | 22.28 | 21.36 | 8.28 | 50.19 | 0.20 | 0.13 | 0.00 | 485.05 | 15 |
| 8 | 11.10 | 22.28 | 21.37 | 7.71 | 47.88 | 0.60 | 0.20 | 0.00 | 462.46 | 15 |
| 9 | 10.05 | 22.28 | 21.45 | 7.30 | 47.51 | 0.60 | 0.27 | 0.00 | 450.57 | 15 |
| 10 | 19.30 | 22.84 | 21.18 | 7.31 | 46.95 | 0.60 | 0.27 | 0.00 | 450.41 | 15 |
| 11 | 9.11 | 22.49 | 20.84 | 6.68 | 45.21 | 0.87 | 0.60 | 0.00 | 434.68 | 15 |
| 12 | 9.07 | 22.34 | 20.84 | 4.68 | 40.36 | 0.87 | 0.87 | 0.00 | 389.84 | 15 |
| 13 | 8.76 | 22.34 | 20.84 | 4.48 | 36.49 | 0.93 | 0.93 | 0.00 | 352.12 | 15 |
| 14 | 8.85 | 22.17 | 20.70 | 4.90 | 35.85 | 1.00 | 0.93 | 0.00 | 345.12 | 15 |
| 15 | 8.50 | 22.15 | 20.65 | 5.32 | 36.85 | 0.93 | 0.67 | 0.00 | 357.02 | 15 |
| 16 | 9.02 | 22.14 | 20.64 | 5.42 | 38.16 | 0.87 | 0.67 | 0.00 | 376.07 | 15 |
| 17 | 9.03 | 22.12 | 20.62 | 6.57 | 41.18 | 0.87 | 0.60 | 0.00 | 375.67 | 15 |
| 18 | 8.86 | 22.09 | 20.59 | 6.07 | 41.69 | 1.00 | 0.75 | 0.00 | 400.87 | 15 |
| 19 | 8.59 | 22.07 | 20.57 | 4.29 | 36.74 | 1.00 | 0.54 | 0.00 | 404.57 | 16 |
| 20 | 8.49 | 22.07 | 20.53 | 4.59 | 37.60 | 1.00 | 0.54 | 0.00 | 418.57 | 16 |
| 21 | 8.33 | 22.06 | 20.52 | 4.28 | 37.74 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 22 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 23 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 24 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 25 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 26 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 27 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 28 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 29 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 30 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 31 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 32 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 33 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 34 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 35 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 36 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |
| 37 | 8.32 | 22.06 | 20.52 | 4.59 | 37.60 | 1.00 | 0.94 | 0.00 | 405.24 | 16 |

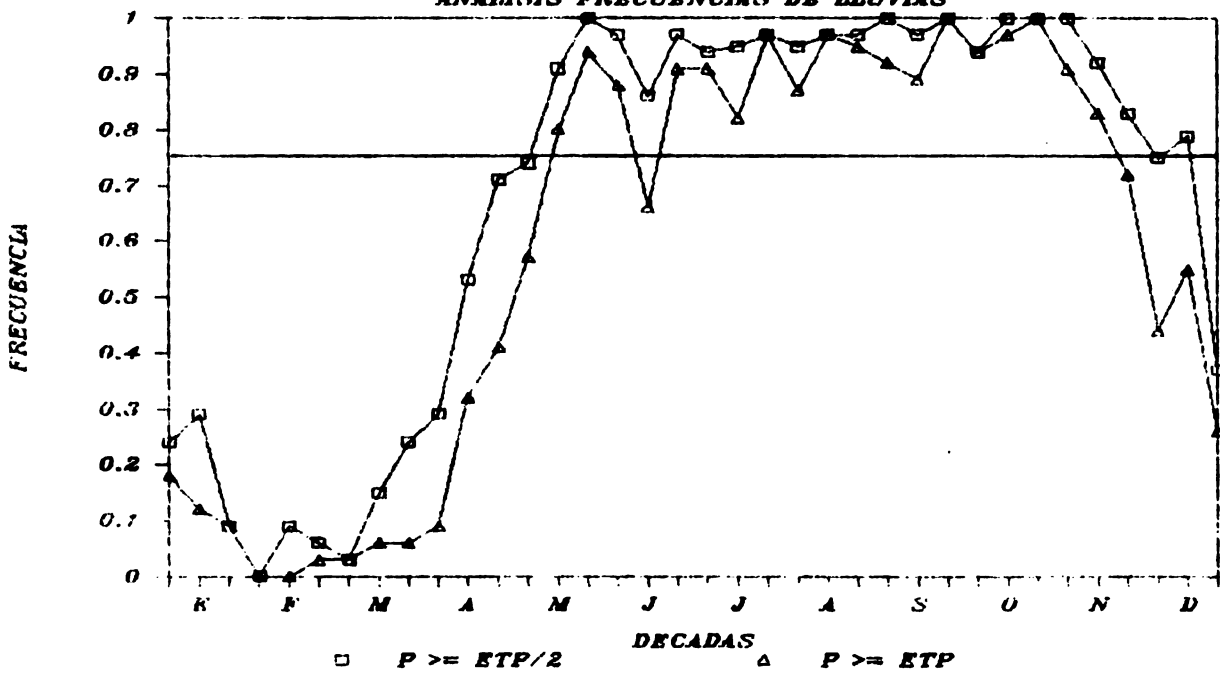
ESTACION SAN IGNACIO ACOSTA ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS CIURNA Y DIARIA, AMPLITUD Y
 LA PRORABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION POCARES
 CODIGO 90001 LAT 9 31 LCNAG 84 15 ALT 6
 NUMERO DE ANOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.22 | 29.45 | 27.29 | 8.10 | 47.26 | 0.24 | 0.18 | 0.03 | 415.68 | 34 |
| 2 | 13.49 | 29.65 | 27.36 | 8.26 | 48.72 | 0.09 | 0.12 | 0.00 | 427.51 | 33 |
| 3 | 14.23 | 30.07 | 27.65 | 8.91 | 50.55 | 0.09 | 0.09 | 0.00 | 443.51 | 33 |
| 4 | 14.73 | 30.24 | 27.78 | 8.77 | 53.38 | 0.06 | 0.03 | 0.00 | 467.57 | 32 |
| 5 | 14.84 | 30.48 | 28.01 | 8.81 | 54.83 | 0.15 | 0.03 | 0.00 | 473.56 | 34 |
| 6 | 14.44 | 30.79 | 28.13 | 8.44 | 55.83 | 0.03 | 0.06 | 0.00 | 484.22 | 32 |
| 7 | 14.44 | 30.55 | 28.37 | 8.27 | 56.28 | 0.49 | 0.06 | 0.00 | 486.22 | 33 |
| 8 | 13.42 | 30.68 | 28.35 | 8.05 | 55.96 | 0.24 | 0.06 | 0.00 | 484.22 | 33 |
| 9 | 13.42 | 30.55 | 28.42 | 8.95 | 55.18 | 0.53 | 0.03 | 0.00 | 484.22 | 33 |
| 10 | 12.83 | 30.11 | 28.15 | 6.23 | 50.76 | 0.71 | 0.31 | 0.00 | 484.22 | 33 |
| 11 | 12.85 | 30.11 | 28.02 | 5.02 | 47.49 | 0.74 | 0.47 | 0.00 | 440.19 | 34 |
| 12 | 11.16 | 29.81 | 27.57 | 4.99 | 45.00 | 0.91 | 0.80 | 0.00 | 414.51 | 33 |
| 13 | 11.76 | 29.47 | 27.63 | 4.28 | 39.48 | 1.07 | 0.54 | 0.00 | 354.51 | 35 |
| 14 | 10.58 | 29.46 | 27.57 | 4.28 | 38.41 | 0.86 | 0.26 | 0.00 | 338.42 | 35 |
| 15 | 10.65 | 29.18 | 27.38 | 4.76 | 41.21 | 0.57 | 0.66 | 0.00 | 361.05 | 35 |
| 16 | 10.79 | 29.17 | 27.41 | 5.00 | 39.73 | 0.57 | 0.51 | 0.00 | 351.89 | 35 |
| 17 | 10.95 | 29.27 | 27.34 | 4.72 | 39.96 | 0.55 | 0.82 | 0.00 | 355.21 | 35 |
| 18 | 10.04 | 29.17 | 27.44 | 4.50 | 39.35 | 0.97 | 0.27 | 0.00 | 347.42 | 38 |
| 19 | 11.14 | 29.18 | 27.23 | 4.43 | 41.54 | 0.95 | 0.87 | 0.00 | 347.42 | 38 |
| 20 | 11.51 | 29.35 | 27.17 | 4.48 | 39.81 | 0.97 | 0.57 | 0.00 | 355.00 | 38 |
| 21 | 10.62 | 29.01 | 27.19 | 4.65 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 22 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 23 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 24 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 25 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 26 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 27 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 28 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 29 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 30 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 31 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 32 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 33 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 34 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 35 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 36 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 37 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 38 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |
| 39 | 10.57 | 29.01 | 27.06 | 4.54 | 40.53 | 1.00 | 0.69 | 0.00 | 355.00 | 38 |
| 40 | 10.57 | 29.01 | 27.06 | 4.54 | 39.81 | 0.57 | 0.80 | 0.00 | 355.00 | 38 |

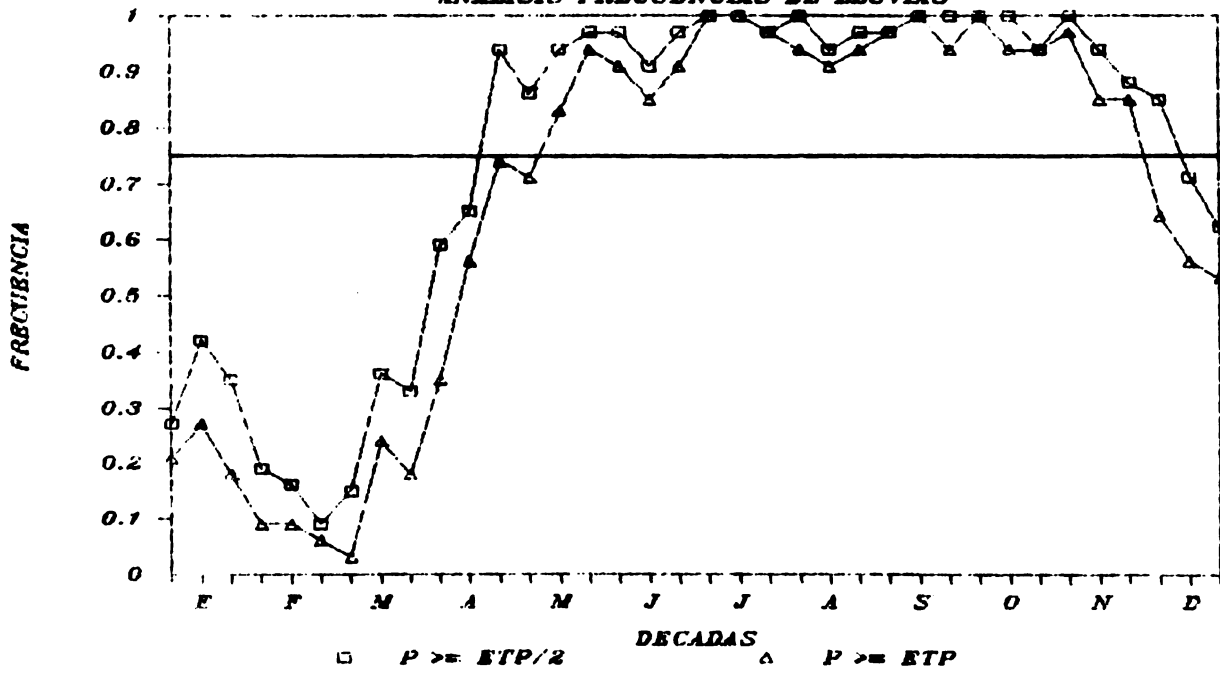
ESTACION POCARES ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INCLACION, TEMPERATURAS CIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILICAO DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION QUEPOS
 C ODIGO 9C003 LAT 9 26 LCNG 84 9 ALT 5
 NUMERO DE ANOS ANALIZADOS. 35

| CECACA | AMPLITUD | T. DIURNA | T. DIARIA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.29 | 29.50 | 27.29 | 7.70 | 45.96 | 0.27 | 0.27 | 0.12 | 404.27 | 33 |
| 2 | 14.41 | 30.00 | 27.65 | 7.41 | 45.80 | 0.42 | 0.27 | 0.09 | 401.29 | 33 |
| 3 | 14.77 | 30.00 | 27.69 | 7.82 | 48.47 | 0.35 | 0.18 | 0.00 | 423.29 | 33 |
| 4 | 14.93 | 30.00 | 27.01 | 8.16 | 52.85 | 0.19 | 0.09 | 0.00 | 442.91 | 33 |
| 5 | 14.44 | 30.00 | 26.01 | 8.15 | 52.13 | 0.16 | 0.06 | 0.00 | 454.91 | 33 |
| 6 | 14.49 | 30.00 | 28.38 | 8.52 | 55.75 | 0.05 | 0.03 | 0.00 | 475.85 | 33 |
| 7 | 14.84 | 30.00 | 28.38 | 7.69 | 52.61 | 0.36 | 0.24 | 0.00 | 485.85 | 33 |
| 8 | 13.84 | 30.00 | 28.38 | 7.18 | 53.58 | 0.39 | 0.18 | 0.00 | 485.85 | 33 |
| 9 | 13.83 | 30.00 | 28.42 | 5.08 | 51.78 | 0.65 | 0.35 | 0.00 | 425.85 | 33 |
| 10 | 12.25 | 30.00 | 28.02 | 5.02 | 44.41 | 0.94 | 0.56 | 0.00 | 445.85 | 33 |
| 11 | 11.16 | 30.00 | 28.02 | 5.49 | 44.41 | 0.94 | 0.74 | 0.00 | 445.85 | 33 |
| 12 | 11.16 | 29.00 | 27.55 | 4.30 | 42.00 | 0.97 | 0.71 | 0.00 | 417.28 | 33 |
| 13 | 11.16 | 29.00 | 27.57 | 4.30 | 40.77 | 0.97 | 0.83 | 0.00 | 370.35 | 33 |
| 14 | 10.98 | 29.00 | 27.57 | 4.32 | 38.74 | 0.97 | 0.91 | 0.00 | 341.35 | 33 |
| 15 | 10.65 | 29.00 | 27.39 | 4.35 | 38.56 | 0.97 | 0.91 | 0.00 | 337.54 | 33 |
| 16 | 10.65 | 29.00 | 27.41 | 4.35 | 38.06 | 0.97 | 0.85 | 0.00 | 337.54 | 33 |
| 17 | 10.79 | 29.00 | 27.35 | 4.35 | 38.35 | 1.00 | 0.91 | 0.00 | 338.57 | 33 |
| 18 | 10.54 | 29.00 | 27.43 | 4.30 | 38.37 | 1.00 | 1.00 | 0.00 | 338.57 | 33 |
| 19 | 11.05 | 29.00 | 27.33 | 4.40 | 38.60 | 1.00 | 1.00 | 0.00 | 340.81 | 33 |
| 20 | 11.05 | 29.00 | 27.25 | 4.40 | 39.20 | 1.00 | 1.00 | 0.00 | 346.81 | 33 |
| 21 | 11.05 | 29.00 | 27.13 | 4.25 | 38.82 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 22 | 11.18 | 29.00 | 27.08 | 4.25 | 38.97 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 23 | 10.82 | 29.00 | 27.15 | 4.27 | 39.11 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 24 | 10.82 | 29.00 | 27.06 | 4.24 | 38.64 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 25 | 10.82 | 29.00 | 27.02 | 4.26 | 38.47 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 26 | 10.82 | 29.00 | 27.02 | 4.30 | 37.02 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 27 | 10.82 | 29.00 | 27.02 | 4.30 | 38.02 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 28 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 29 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 30 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 31 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 32 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 33 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 34 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 35 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 36 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 37 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 38 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 39 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 40 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 41 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 42 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 43 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 44 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 45 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 46 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 47 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 48 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 49 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |
| 50 | 10.82 | 29.00 | 27.02 | 4.30 | 38.60 | 1.00 | 0.94 | 0.00 | 346.81 | 33 |

ESTACION QUEPOS ANALISIS FRECUENCIAS DE LLUVIAS



DAIOS DE INSCIACION, TEMPERATURAS DIURNA Y NOCTURNA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CERROS F.

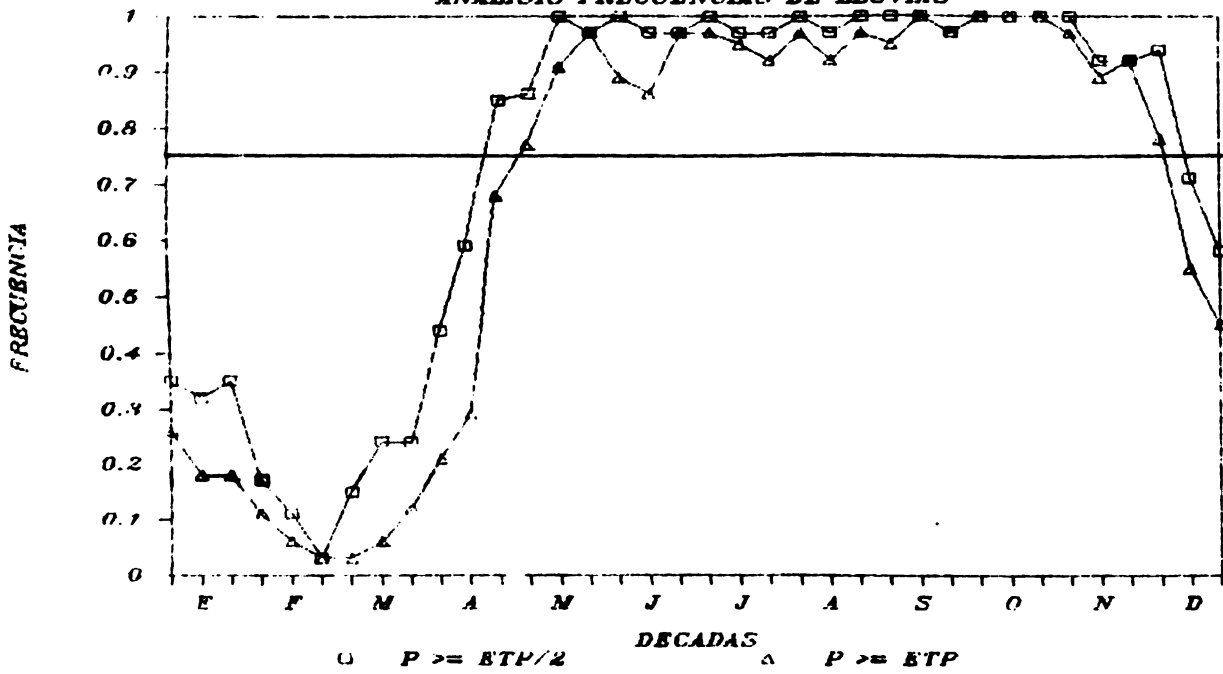
CODIGO 90005 LAT 9 30 LCNG 84 9 ALT 5
 NUMERO DE AÑOS ANALIZADOS 20

| DECA | AMPLITUD | T. DIURNA | T. NOCTURNA | INSD | ETP | PI | P2 | P3 | GC | NB |
|------|----------|-----------|-------------|-------|------|------|------|------|--------|----|
| 1 | 13.23 | 29.50 | 7.27 | 44.46 | 0.41 | 0.41 | 0.41 | 0.18 | 391.66 | 17 |
| 2 | 13.99 | 29.69 | 8.03 | 47.94 | 0.24 | 0.24 | 0.18 | 0.06 | 420.61 | 17 |
| 3 | 14.41 | 30.08 | 8.45 | 50.65 | 0.18 | 0.18 | 0.00 | 0.00 | 442.41 | 17 |
| 4 | 14.34 | 30.08 | 8.66 | 52.65 | 0.06 | 0.06 | 0.00 | 0.00 | 459.62 | 17 |
| 5 | 14.74 | 30.24 | 8.57 | 53.66 | 0.06 | 0.06 | 0.06 | 0.00 | 467.55 | 17 |
| 6 | 14.93 | 30.42 | 8.78 | 55.73 | 0.13 | 0.13 | 0.00 | 0.00 | 483.52 | 15 |
| 7 | 14.44 | 30.59 | 8.57 | 55.92 | 0.06 | 0.06 | 0.00 | 0.00 | 485.27 | 16 |
| 8 | 14.49 | 30.60 | 8.29 | 55.91 | 0.13 | 0.13 | 0.13 | 0.00 | 485.53 | 16 |
| 9 | 13.54 | 30.60 | 7.49 | 52.93 | 0.37 | 0.37 | 0.19 | 0.00 | 458.24 | 16 |
| 10 | 13.42 | 30.56 | 7.12 | 51.57 | 0.65 | 0.65 | 0.35 | 0.00 | 447.24 | 17 |
| 11 | 12.15 | 30.16 | 6.40 | 49.29 | 0.71 | 0.71 | 0.54 | 0.00 | 425.22 | 17 |
| 12 | 11.81 | 30.01 | 5.91 | 44.20 | 0.94 | 0.94 | 0.00 | 0.00 | 366.58 | 17 |
| 13 | 11.76 | 29.81 | 4.31 | 39.34 | 1.00 | 1.00 | 1.00 | 0.00 | 344.34 | 17 |
| 14 | 11.16 | 29.40 | 4.27 | 38.62 | 1.00 | 1.00 | 1.00 | 0.00 | 340.34 | 17 |
| 15 | 10.98 | 29.40 | 4.41 | 38.58 | 1.00 | 1.00 | 1.00 | 0.00 | 344.82 | 17 |
| 16 | 10.66 | 29.16 | 4.41 | 38.58 | 1.00 | 1.00 | 1.00 | 0.00 | 340.48 | 17 |
| 17 | 10.65 | 29.15 | 4.25 | 37.96 | 1.00 | 1.00 | 1.00 | 0.00 | 340.82 | 17 |
| 18 | 10.79 | 29.27 | 4.73 | 39.74 | 1.00 | 1.00 | 1.00 | 0.00 | 340.82 | 17 |
| 19 | 10.55 | 29.27 | 4.25 | 38.24 | 1.00 | 1.00 | 1.00 | 0.00 | 340.82 | 17 |
| 20 | 11.00 | 29.08 | 4.25 | 38.44 | 1.00 | 1.00 | 1.00 | 0.00 | 340.82 | 17 |
| 21 | 11.00 | 29.08 | 4.38 | 39.15 | 0.95 | 0.95 | 0.95 | 0.00 | 346.17 | 20 |
| 22 | 11.00 | 29.08 | 4.24 | 38.34 | 1.00 | 1.00 | 1.00 | 0.00 | 339.26 | 20 |
| 23 | 11.00 | 29.08 | 4.26 | 39.03 | 1.00 | 1.00 | 1.00 | 0.00 | 345.51 | 20 |
| 24 | 11.00 | 29.08 | 4.26 | 40.34 | 1.00 | 1.00 | 1.00 | 0.00 | 345.51 | 20 |
| 25 | 10.99 | 29.08 | 4.57 | 39.49 | 1.00 | 1.00 | 1.00 | 0.00 | 345.51 | 20 |
| 26 | 10.69 | 28.87 | 4.36 | 39.09 | 1.00 | 1.00 | 1.00 | 0.00 | 346.75 | 18 |
| 27 | 10.57 | 28.87 | 4.26 | 38.25 | 1.00 | 1.00 | 1.00 | 0.00 | 346.75 | 18 |
| 28 | 10.57 | 28.69 | 4.87 | 38.26 | 1.00 | 1.00 | 1.00 | 0.00 | 346.75 | 18 |
| 29 | 10.56 | 28.69 | 5.15 | 39.23 | 1.00 | 1.00 | 1.00 | 0.00 | 346.75 | 18 |
| 30 | 10.56 | 28.72 | 4.65 | 36.93 | 1.00 | 1.00 | 1.00 | 0.00 | 346.75 | 18 |
| 31 | 11.03 | 28.99 | 5.52 | 38.93 | 0.83 | 0.83 | 0.78 | 0.00 | 345.48 | 18 |
| 32 | 11.03 | 29.06 | 5.39 | 38.33 | 0.83 | 0.83 | 0.67 | 0.00 | 345.48 | 18 |
| 33 | 11.03 | 29.06 | 6.39 | 39.57 | 0.80 | 0.80 | 0.65 | 0.00 | 345.48 | 18 |
| 34 | 11.03 | 29.06 | 6.59 | 41.57 | 0.80 | 0.80 | 0.65 | 0.00 | 345.48 | 18 |
| 35 | 11.03 | 29.06 | 6.59 | 41.57 | 0.80 | 0.80 | 0.65 | 0.00 | 345.48 | 18 |
| 36 | 11.03 | 29.06 | 6.59 | 41.57 | 0.80 | 0.80 | 0.65 | 0.00 | 345.48 | 18 |
| 37 | 11.03 | 29.06 | 6.59 | 41.57 | 0.80 | 0.80 | 0.65 | 0.00 | 345.48 | 18 |

DATOS DE INSOLACION, TEMPERATURAS DIURNA Y CIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION BARTOLO
 CDDIGC 92C01 LAT 9 26 LONG 84 6 ALT 10
 NUMERG DE ANOS ANALIZACDOS 39

| DECADA | AMPLITUD | T. DIURNA | L. CIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.21 | 29.46 | 27.26 | 7.63 | 45.70 | 0.35 | 0.26 | 0.09 | 402.10 | 34 |
| 2 | 13.40 | 29.66 | 27.33 | 7.97 | 47.73 | 0.35 | 0.18 | 0.00 | 418.54 | 34 |
| 3 | 14.02 | 30.01 | 27.66 | 8.25 | 48.37 | 0.17 | 0.18 | 0.00 | 422.61 | 34 |
| 4 | 14.72 | 30.21 | 27.76 | 8.63 | 51.16 | 0.11 | 0.06 | 0.00 | 446.75 | 35 |
| 5 | 14.83 | 30.45 | 27.58 | 8.68 | 54.01 | 0.05 | 0.03 | 0.00 | 479.48 | 35 |
| 6 | 14.48 | 30.57 | 28.10 | 8.58 | 55.96 | 0.24 | 0.03 | 0.00 | 485.51 | 34 |
| 7 | 13.82 | 30.65 | 28.35 | 8.04 | 53.08 | 0.24 | 0.02 | 0.00 | 466.54 | 34 |
| 8 | 13.41 | 30.52 | 28.33 | 7.47 | 52.89 | 0.44 | 0.12 | 0.00 | 477.40 | 34 |
| 9 | 12.82 | 30.51 | 28.35 | 7.17 | 51.60 | 0.59 | 0.21 | 0.00 | 456.50 | 34 |
| 10 | 12.18 | 30.55 | 28.11 | 5.66 | 51.26 | 0.86 | 0.29 | 0.00 | 447.53 | 34 |
| 11 | 11.16 | 29.57 | 28.02 | 4.85 | 41.80 | 1.00 | 0.67 | 0.00 | 394.36 | 34 |
| 12 | 11.16 | 29.47 | 27.92 | 4.39 | 39.60 | 1.00 | 0.97 | 0.00 | 367.00 | 34 |
| 13 | 10.97 | 29.54 | 27.61 | 4.24 | 38.54 | 1.00 | 0.97 | 0.00 | 355.74 | 35 |
| 14 | 10.65 | 29.37 | 27.36 | 4.31 | 38.79 | 1.00 | 0.89 | 0.00 | 341.56 | 35 |
| 15 | 10.79 | 29.16 | 27.38 | 4.51 | 38.91 | 1.00 | 0.83 | 0.00 | 343.57 | 35 |
| 16 | 10.54 | 29.13 | 27.32 | 4.24 | 38.15 | 1.00 | 0.57 | 0.00 | 336.57 | 35 |
| 17 | 10.54 | 29.12 | 27.32 | 4.32 | 37.96 | 1.00 | 0.57 | 0.00 | 339.57 | 35 |
| 18 | 11.09 | 29.24 | 27.42 | 4.36 | 38.48 | 1.00 | 0.95 | 0.00 | 343.00 | 38 |
| 19 | 11.09 | 29.15 | 27.30 | 4.41 | 38.21 | 1.00 | 0.97 | 0.00 | 346.05 | 39 |
| 20 | 11.14 | 28.56 | 27.22 | 4.25 | 39.85 | 1.00 | 0.92 | 0.00 | 344.05 | 39 |
| 21 | 10.97 | 28.87 | 27.15 | 4.27 | 39.04 | 1.00 | 0.97 | 0.00 | 346.12 | 39 |
| 22 | 10.67 | 28.57 | 27.05 | 4.26 | 39.07 | 1.00 | 0.95 | 0.00 | 346.47 | 37 |
| 23 | 10.57 | 28.99 | 27.16 | 4.26 | 39.04 | 1.00 | 0.95 | 0.00 | 345.18 | 35 |
| 24 | 10.62 | 28.75 | 27.22 | 4.25 | 38.67 | 1.00 | 1.00 | 0.00 | 343.00 | 35 |
| 25 | 10.56 | 28.67 | 26.99 | 4.37 | 38.19 | 1.00 | 1.00 | 0.00 | 345.07 | 35 |
| 26 | 10.55 | 28.64 | 26.91 | 5.37 | 41.71 | 1.00 | 1.00 | 0.00 | 343.00 | 35 |
| 27 | 10.55 | 28.76 | 26.88 | 4.65 | 38.34 | 1.00 | 0.99 | 0.00 | 342.00 | 35 |
| 28 | 10.48 | 28.65 | 26.55 | 4.45 | 35.88 | 1.00 | 0.89 | 0.00 | 318.85 | 35 |
| 29 | 11.02 | 28.65 | 26.15 | 4.85 | 36.67 | 0.92 | 0.92 | 0.00 | 324.00 | 37 |
| 30 | 11.37 | 28.56 | 27.21 | 5.34 | 37.76 | 0.94 | 0.92 | 0.00 | 334.00 | 37 |
| 31 | 11.57 | 28.55 | 27.11 | 6.58 | 42.60 | 0.58 | 0.48 | 0.00 | 367.00 | 38 |
| 32 | 12.37 | 29.34 | 27.27 | 7.75 | 44.14 | 0.58 | 0.48 | 0.00 | 371.00 | 38 |
| 33 | 13.01 | 29.46 | 27.22 | 7.36 | 44.51 | 0.41 | 0.28 | 0.00 | 391.00 | 32 |

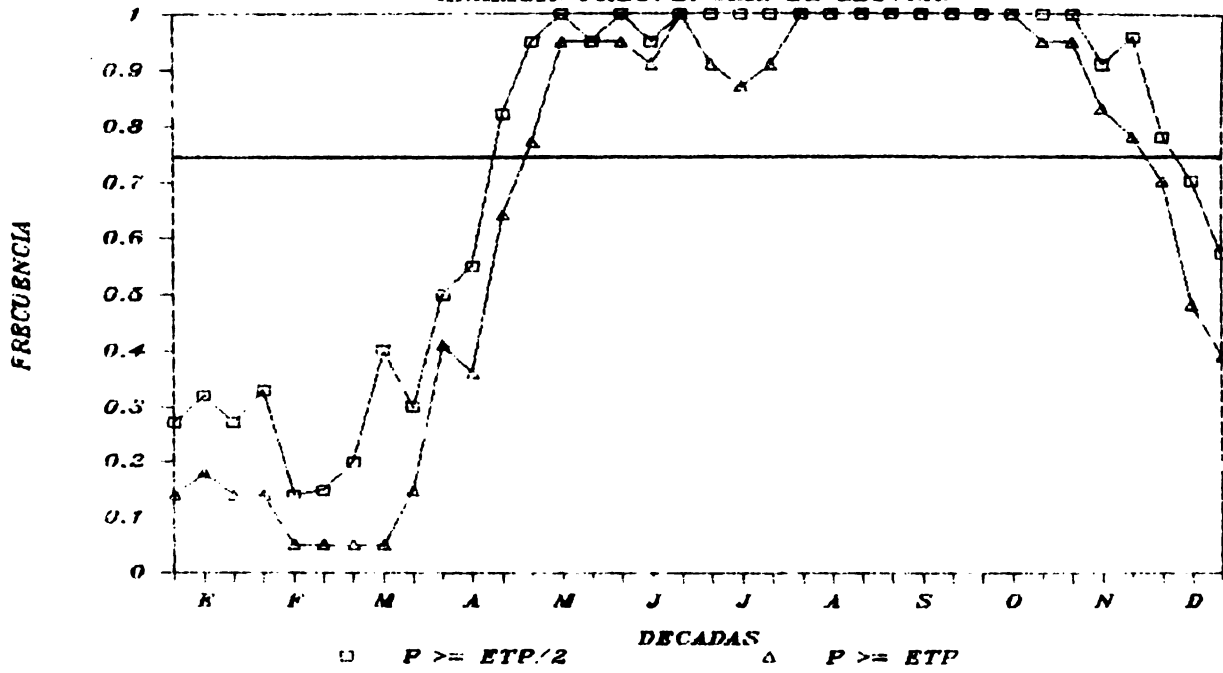
ESTACION BARTOLO ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION LLORONA
 CODIGO 92C02 LAT 9 24 LONG 84 5 ALT 10
 NUMERO DE ANOS ANALIZADOS 23

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|-------|----|
| 1 | 13.21 | 25.46 | 27.26 | 7.93 | 46.73 | 0.27 | 0.14 | 0.05 | 41.18 | 22 |
| 2 | 13.30 | 25.66 | 27.33 | 7.94 | 47.65 | 0.32 | 0.14 | 0.05 | 41.24 | 22 |
| 3 | 14.40 | 30.01 | 27.61 | 8.25 | 49.98 | 0.33 | 0.15 | 0.05 | 41.61 | 22 |
| 4 | 14.32 | 30.21 | 27.76 | 8.41 | 50.08 | 0.15 | 0.05 | 0.05 | 42.63 | 22 |
| 5 | 14.82 | 30.45 | 27.58 | 8.41 | 53.35 | 0.20 | 0.05 | 0.05 | 42.23 | 22 |
| 6 | 14.48 | 30.51 | 28.10 | 8.17 | 54.40 | 0.40 | 0.15 | 0.05 | 47.37 | 22 |
| 7 | 14.83 | 30.76 | 28.35 | 7.26 | 51.70 | 0.30 | 0.15 | 0.05 | 45.48 | 22 |
| 8 | 13.83 | 30.52 | 28.33 | 7.63 | 53.71 | 0.30 | 0.15 | 0.05 | 45.48 | 22 |
| 9 | 13.42 | 30.53 | 28.11 | 7.03 | 51.02 | 0.55 | 0.36 | 0.05 | 44.25 | 22 |
| 10 | 12.12 | 30.12 | 28.39 | 6.76 | 44.58 | 0.55 | 0.67 | 0.05 | 38.55 | 22 |
| 11 | 11.84 | 29.76 | 28.12 | 5.48 | 44.37 | 0.95 | 0.55 | 0.05 | 37.00 | 22 |
| 12 | 11.16 | 29.47 | 27.61 | 5.00 | 42.20 | 1.00 | 0.55 | 0.05 | 35.20 | 22 |
| 13 | 11.75 | 29.37 | 27.54 | 4.29 | 38.67 | 1.00 | 0.91 | 0.05 | 33.40 | 22 |
| 14 | 10.65 | 29.13 | 27.36 | 4.35 | 38.67 | 1.00 | 0.55 | 0.05 | 33.40 | 22 |
| 15 | 10.64 | 29.16 | 27.32 | 4.44 | 38.31 | 1.00 | 0.91 | 0.05 | 33.40 | 22 |
| 16 | 10.94 | 29.12 | 27.32 | 4.36 | 38.70 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 17 | 10.64 | 29.14 | 27.40 | 4.45 | 38.40 | 1.00 | 0.91 | 0.05 | 33.40 | 22 |
| 18 | 10.94 | 29.14 | 27.30 | 4.30 | 38.37 | 1.00 | 0.91 | 0.05 | 33.40 | 22 |
| 19 | 10.94 | 29.15 | 27.20 | 4.33 | 38.92 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 20 | 10.94 | 29.15 | 27.10 | 4.27 | 38.91 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 21 | 10.94 | 29.15 | 27.16 | 4.30 | 39.44 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 22 | 10.94 | 29.15 | 27.20 | 4.30 | 39.29 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 23 | 10.94 | 29.15 | 27.20 | 4.33 | 39.95 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 24 | 10.94 | 29.15 | 27.09 | 4.27 | 38.95 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 25 | 10.94 | 29.15 | 27.09 | 4.27 | 38.26 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 26 | 10.94 | 29.15 | 27.09 | 4.27 | 39.34 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 27 | 10.94 | 29.15 | 27.09 | 4.49 | 37.72 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 28 | 10.94 | 29.15 | 27.09 | 4.49 | 35.06 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 29 | 10.94 | 29.15 | 27.09 | 4.23 | 35.51 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 30 | 10.94 | 29.15 | 27.09 | 4.76 | 36.38 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 31 | 10.94 | 29.15 | 27.09 | 5.68 | 36.95 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 32 | 10.94 | 29.15 | 27.09 | 6.74 | 42.14 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 33 | 10.94 | 29.15 | 27.09 | 6.84 | 42.46 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 34 | 10.94 | 29.15 | 27.09 | 7.61 | 45.39 | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 35 | 10.94 | 29.15 | 27.09 | | | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 36 | 10.94 | 29.15 | 27.09 | | | 1.00 | 1.00 | 0.05 | 33.40 | 22 |
| 37 | 10.94 | 29.15 | 27.09 | | | 1.00 | 1.00 | 0.05 | 33.40 | 22 |

ESTACION LLORONA ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROPORCIONALIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION PALMAR SUR
 CODIGO 9H002 LAT 8 57 LCNG 83 28 ALT 16
 NUMERO DE ANOS ANALIZADOS 37

| CEGACA | AMPLITUD | T. DIURNA | T. NOCTURNA | INSD | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-------------|-------|-------|------|------|------|--------|----|
| 1 | 11.57 | 29.35 | 27.40 | 99.99 | 99.90 | 1.10 | 1.10 | 1.10 | 559.50 | 0 |
| 2 | 11.60 | 29.57 | 27.13 | 99.99 | 99.90 | 1.10 | 1.10 | 1.10 | 559.50 | 0 |
| 3 | 12.15 | 29.53 | 27.84 | 10.61 | 58.62 | 0.09 | 0.06 | 1.00 | 512.70 | 3 |
| 4 | 12.57 | 29.76 | 27.37 | 9.25 | 54.84 | 0.30 | 0.09 | 1.00 | 559.50 | 3 |
| 5 | 12.93 | 29.46 | 27.87 | 10.04 | 57.27 | 0.27 | 0.18 | 1.00 | 503.70 | 3 |
| 6 | 12.93 | 30.01 | 27.98 | 10.50 | 50.38 | 0.32 | 0.03 | 1.00 | 484.27 | 1 |
| 7 | 12.93 | 30.95 | 27.98 | 8.59 | 55.04 | 0.55 | 0.10 | 1.00 | 456.41 | 1 |
| 8 | 11.60 | 30.20 | 28.27 | 8.29 | 50.41 | 0.62 | 0.32 | 1.00 | 435.41 | 1 |
| 9 | 10.75 | 30.07 | 28.28 | 8.91 | 55.76 | 0.74 | 0.35 | 1.00 | 435.41 | 1 |
| 10 | 11.00 | 30.07 | 28.27 | 8.29 | 55.04 | 0.62 | 0.32 | 1.00 | 435.41 | 1 |
| 11 | 11.32 | 30.10 | 28.27 | 6.98 | 50.59 | 0.91 | 0.50 | 1.00 | 442.70 | 1 |
| 12 | 11.32 | 29.48 | 27.76 | 5.91 | 45.81 | 0.91 | 0.78 | 1.00 | 442.70 | 1 |
| 13 | 11.32 | 29.34 | 27.71 | 6.16 | 46.27 | 1.00 | 0.54 | 1.00 | 442.70 | 1 |
| 14 | 11.32 | 29.53 | 27.96 | 6.36 | 46.75 | 1.00 | 0.57 | 1.00 | 442.70 | 1 |
| 15 | 10.01 | 29.71 | 27.25 | 4.53 | 39.13 | 0.97 | 0.93 | 1.00 | 438.60 | 1 |
| 16 | 9.99 | 28.64 | 27.12 | 5.26 | 43.63 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 17 | 9.12 | 28.67 | 27.37 | 4.14 | 47.28 | 1.00 | 0.90 | 1.00 | 438.60 | 1 |
| 18 | 9.49 | 28.67 | 27.06 | 4.90 | 37.98 | 1.00 | 0.50 | 1.00 | 438.60 | 1 |
| 19 | 9.49 | 28.63 | 27.06 | 5.20 | 41.55 | 1.00 | 0.88 | 1.00 | 438.60 | 1 |
| 20 | 9.56 | 28.65 | 27.50 | 5.19 | 41.79 | 0.97 | 0.88 | 1.00 | 438.60 | 1 |
| 21 | 9.85 | 28.65 | 27.21 | 4.33 | 41.75 | 1.00 | 0.54 | 1.00 | 438.60 | 1 |
| 22 | 9.85 | 28.00 | 27.45 | 5.76 | 34.59 | 1.00 | 0.54 | 1.00 | 438.60 | 1 |
| 23 | 9.62 | 28.66 | 27.47 | 6.23 | 44.51 | 1.00 | 1.00 | 1.00 | 438.60 | 1 |
| 24 | 9.62 | 28.81 | 27.27 | 4.58 | 46.63 | 1.00 | 1.00 | 1.00 | 438.60 | 1 |
| 25 | 9.50 | 28.35 | 27.35 | 4.32 | 40.20 | 1.00 | 1.00 | 1.00 | 438.60 | 1 |
| 26 | 9.50 | 28.47 | 26.76 | 4.72 | 38.91 | 1.00 | 1.00 | 1.00 | 438.60 | 1 |
| 27 | 9.37 | 28.43 | 26.97 | 4.55 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 28 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 29 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 30 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 31 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 32 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 33 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 34 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 35 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 36 | 9.37 | 28.43 | 26.97 | 5.23 | 38.67 | 1.00 | 0.97 | 1.00 | 438.60 | 1 |
| 37 | 11.54 | 29.53 | 27.60 | 8.37 | 43.56 | 0.50 | 0.39 | 1.00 | 477.00 | 2 |

DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2

ETP, Y 2*ETP, PARA LA ESTACION S-ISICRO GENERAL

COIGC 58CC4 LAT 9 22 LONG 83 48 ALT 703

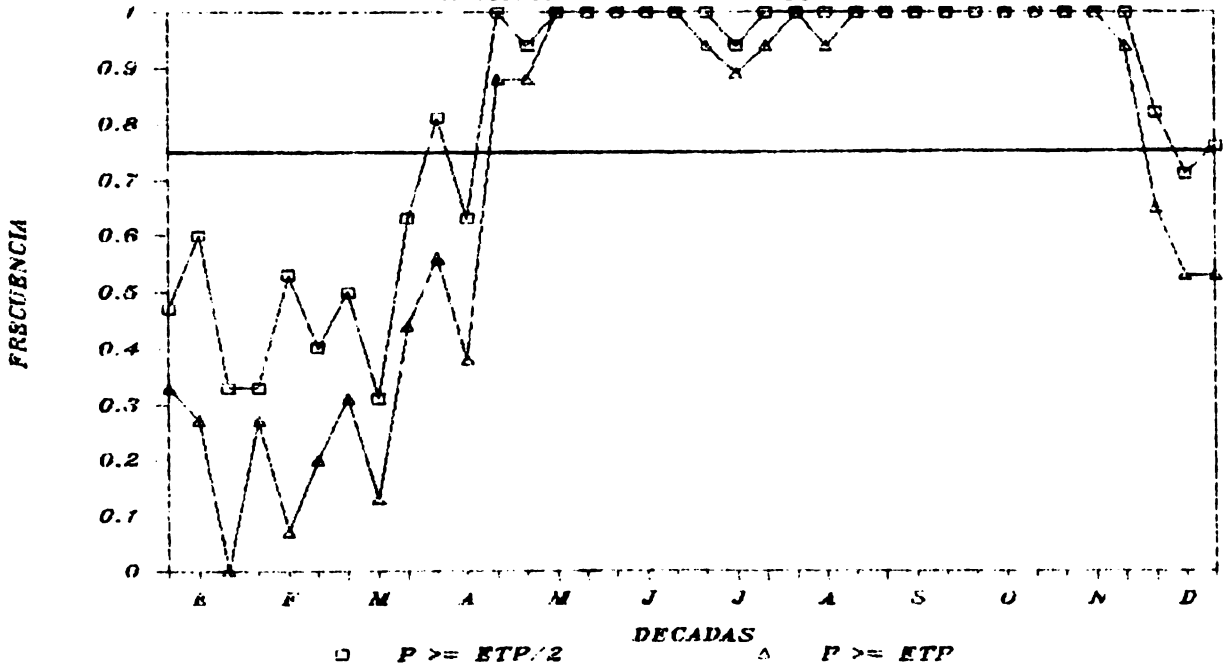
NUMERO DE ANOS ANALIZADOS 38

| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.54 | 24.73 | 22.81 | 8.60 | 46.10 | 0.13 | 0.05 | C.C | 421.66 | 38 |
| 2 | 12.18 | 24.55 | 22.92 | 8.30 | 46.01 | 0.16 | 0.11 | 0.00 | 449.55 | 38 |
| 3 | 12.56 | 25.12 | 23.08 | 8.56 | 47.97 | 0.08 | 0.03 | 0.00 | 446.46 | 38 |
| 4 | 13.11 | 25.44 | 23.25 | 8.85 | 50.05 | 0.03 | 0.00 | 0.00 | 476.55 | 38 |
| 5 | 13.04 | 25.64 | 23.47 | 8.78 | 51.43 | 0.08 | 0.03 | 0.00 | 484.55 | 36 |
| 6 | 12.85 | 25.71 | 23.57 | 8.76 | 52.39 | 0.11 | 0.03 | 0.00 | 492.03 | 36 |
| 7 | 12.69 | 25.99 | 23.88 | 8.43 | 53.24 | 0.11 | 0.03 | 0.00 | 487.03 | 36 |
| 8 | 12.50 | 25.82 | 23.89 | 7.91 | 51.30 | 0.28 | 0.17 | 0.00 | 472.75 | 36 |
| 9 | 11.53 | 25.84 | 23.88 | 7.60 | 50.27 | 0.53 | 0.19 | 0.00 | 473.55 | 36 |
| 10 | 11.35 | 25.84 | 23.54 | 7.33 | 49.16 | 0.49 | 0.24 | 0.00 | 463.45 | 37 |
| 11 | 11.82 | 25.73 | 23.75 | 6.04 | 44.00 | 0.78 | 0.65 | 0.00 | 467.94 | 38 |
| 12 | 11.63 | 25.46 | 23.46 | 5.54 | 41.82 | 0.84 | 0.79 | 0.00 | 387.94 | 38 |
| 13 | 11.63 | 25.12 | 23.29 | 4.78 | 37.54 | 0.97 | 0.95 | 0.00 | 355.69 | 37 |
| 14 | 9.74 | 24.84 | 23.25 | 4.60 | 36.89 | 0.97 | 1.00 | 0.00 | 350.69 | 37 |
| 15 | 9.45 | 24.70 | 23.12 | 4.78 | 37.61 | 1.00 | 1.00 | 0.00 | 344.73 | 36 |
| 16 | 9.45 | 24.69 | 23.11 | 4.13 | 38.74 | 0.95 | 0.92 | 0.00 | 352.11 | 36 |
| 17 | 9.58 | 24.69 | 23.05 | 5.08 | 38.65 | 0.97 | 0.94 | 0.00 | 362.11 | 36 |
| 18 | 9.75 | 24.71 | 23.10 | 5.12 | 38.96 | 1.00 | 0.94 | 0.00 | 364.18 | 36 |
| 19 | 9.79 | 24.64 | 23.04 | 4.78 | 38.04 | 0.95 | 0.86 | 0.00 | 356.46 | 37 |
| 20 | 9.63 | 24.55 | 23.02 | 4.88 | 38.22 | 1.00 | 0.92 | 0.00 | 362.21 | 38 |
| 21 | 9.63 | 24.50 | 22.90 | 4.37 | 37.19 | 1.00 | 1.00 | 0.00 | 359.41 | 37 |
| 22 | 9.37 | 24.41 | 22.85 | 4.39 | 37.36 | 1.00 | 1.00 | 0.00 | 350.86 | 37 |
| 23 | 9.37 | 24.41 | 22.72 | 4.44 | 37.17 | 1.00 | 1.00 | 0.00 | 349.57 | 35 |
| 24 | 9.12 | 24.26 | 22.62 | 4.32 | 36.46 | 1.00 | 1.00 | 0.00 | 341.71 | 35 |
| 25 | 9.12 | 24.14 | 22.68 | 4.25 | 35.71 | 1.00 | 1.00 | 0.00 | 337.57 | 37 |
| 26 | 9.07 | 24.10 | 22.66 | 4.44 | 34.63 | 0.97 | 0.92 | 0.00 | 322.60 | 37 |
| 27 | 9.07 | 24.38 | 22.73 | 4.73 | 34.80 | 0.97 | 0.94 | 0.00 | 328.57 | 36 |
| 28 | 9.14 | 24.41 | 22.76 | 5.31 | 36.02 | 0.97 | 0.98 | 0.00 | 335.12 | 36 |
| 29 | 9.51 | 24.41 | 22.72 | 6.79 | 40.18 | 0.51 | 0.58 | 0.00 | 338.08 | 36 |
| 30 | 10.07 | 24.41 | 22.78 | 7.41 | 41.89 | 0.46 | 0.53 | 0.00 | 352.72 | 37 |
| 31 | 11.41 | 24.70 | 22.80 | 8.57 | 45.73 | 0.17 | 0.03 | 0.00 | 428.30 | 36 |

DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION SAN VITO DE JAVA
 C W I G O 98C07 LAT 8 50 L C N G 82 59 A L T 890
 N U M E R O D E A N O S A N A L I Z A D O S 18

| DECA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | P1 | P2 | P3 | GC | NB |
|------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 11.69 | 23.45 | 21.61 | 7.15 | 41.00 | 0.47 | 0.33 | 0.13 | 390.56 | 15 |
| 2 | 11.69 | 23.45 | 21.61 | 7.52 | 42.97 | 0.60 | 0.27 | 0.00 | 409.13 | 15 |
| 3 | 12.16 | 23.45 | 21.86 | 8.49 | 47.16 | 0.33 | 0.00 | 0.00 | 446.17 | 15 |
| 4 | 12.56 | 24.15 | 22.04 | 7.69 | 45.58 | 0.33 | 0.00 | 0.00 | 441.46 | 15 |
| 5 | 12.42 | 24.35 | 22.25 | 7.70 | 47.85 | 0.40 | 0.20 | 0.00 | 450.33 | 15 |
| 6 | 12.42 | 24.41 | 22.35 | 7.55 | 48.15 | 0.50 | 0.31 | 0.00 | 452.77 | 15 |
| 7 | 11.56 | 24.64 | 22.67 | 7.81 | 49.85 | 0.31 | 0.44 | 0.00 | 466.49 | 16 |
| 8 | 11.56 | 24.64 | 22.68 | 6.88 | 46.77 | 0.63 | 0.54 | 0.00 | 431.52 | 16 |
| 9 | 10.95 | 24.61 | 22.74 | 6.64 | 45.97 | 0.61 | 0.00 | 0.00 | 428.11 | 16 |
| 10 | 10.47 | 24.57 | 22.54 | 6.61 | 45.71 | 0.60 | 0.38 | 0.00 | 432.51 | 16 |
| 11 | 10.30 | 24.47 | 22.47 | 5.30 | 40.61 | 1.00 | 0.88 | 0.00 | 346.87 | 16 |
| 12 | 9.65 | 24.18 | 22.54 | 4.23 | 36.77 | 1.00 | 1.00 | 0.00 | 350.74 | 16 |
| 13 | 9.42 | 23.70 | 22.26 | 4.57 | 37.02 | 1.00 | 1.00 | 0.00 | 350.92 | 16 |
| 14 | 9.42 | 23.67 | 22.10 | 4.23 | 35.69 | 1.00 | 1.00 | 0.00 | 338.47 | 16 |
| 15 | 9.42 | 23.55 | 22.10 | 4.51 | 35.00 | 1.00 | 1.00 | 0.00 | 342.73 | 16 |
| 16 | 9.19 | 23.45 | 21.98 | 4.49 | 35.85 | 1.00 | 1.00 | 0.00 | 341.72 | 18 |
| 17 | 9.37 | 23.45 | 21.93 | 5.09 | 37.78 | 1.00 | 0.89 | 0.00 | 359.84 | 18 |
| 18 | 9.49 | 23.45 | 21.88 | 4.92 | 37.11 | 1.00 | 1.00 | 0.00 | 341.72 | 18 |
| 19 | 9.43 | 23.45 | 21.84 | 4.65 | 37.41 | 1.00 | 1.00 | 0.00 | 360.00 | 18 |
| 20 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 21 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 22 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 23 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 24 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 25 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 26 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 27 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 28 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 29 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 30 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 31 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 32 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 33 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 34 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 35 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 36 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |
| 37 | 9.28 | 23.32 | 21.75 | 4.28 | 36.14 | 1.00 | 1.00 | 0.00 | 356.68 | 18 |

ESTACION SAN VITO DE JAVA ANALISIS FRECUENCIAS DE LLUVIAS

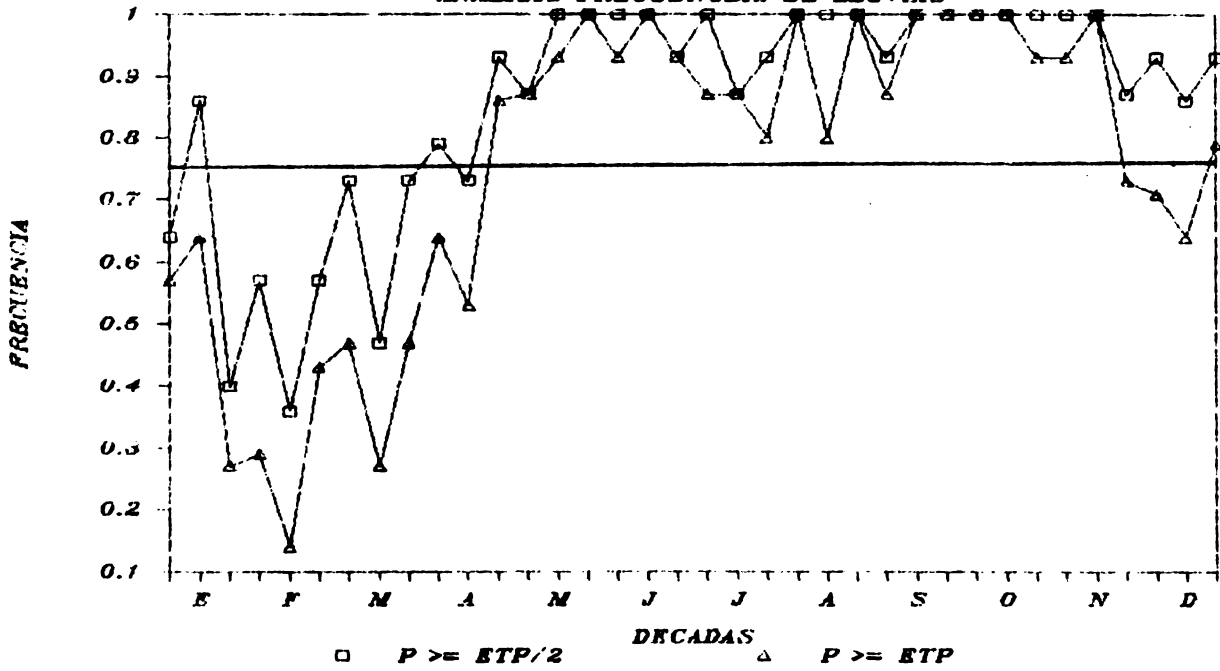


DATOS DE INCLACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CEDRAL

CCCIGO 58010 LAT 9 22 LCG 83 33 ALT 1450
 NUMERO DE ANOS ANALIZADOS 15

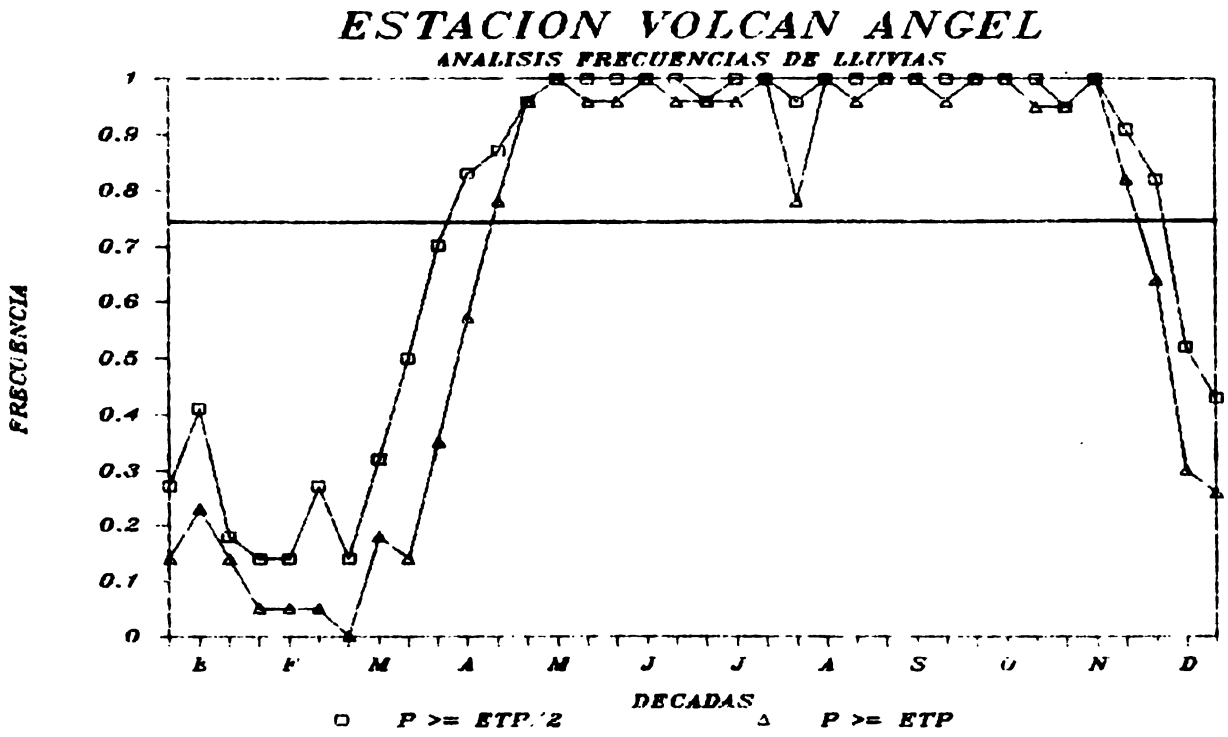
| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSC | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 8.50 | 19.47 | 16.05 | 6.66 | 37.04 | 0.64 | 0.57 | 0.21 | 373.14 | 14 |
| 2 | 5.30 | 19.00 | 16.45 | 6.34 | 36.92 | 0.40 | 0.64 | 0.13 | 369.65 | 15 |
| 3 | 9.40 | 19.57 | 18.40 | 7.48 | 42.60 | 0.57 | 0.29 | 0.00 | 426.67 | 14 |
| 4 | 9.50 | 20.27 | 18.45 | 7.03 | 42.34 | 0.36 | 0.43 | 0.00 | 428.01 | 14 |
| 5 | 9.40 | 20.37 | 18.80 | 7.74 | 43.65 | 0.73 | 0.47 | 0.00 | 434.73 | 11 |
| 6 | 9.40 | 20.70 | 19.20 | 7.41 | 46.89 | 0.47 | 0.27 | 0.00 | 463.58 | 14 |
| 7 | 8.70 | 20.63 | 19.20 | 6.96 | 42.15 | 0.79 | 0.44 | 0.00 | 421.54 | 15 |
| 8 | 8.40 | 20.67 | 19.10 | 5.57 | 39.67 | 0.73 | 0.53 | 0.00 | 453.58 | 15 |
| 9 | 8.70 | 20.47 | 18.90 | 4.99 | 37.40 | 0.93 | 0.86 | 0.00 | 372.52 | 14 |
| 10 | 7.90 | 20.27 | 18.70 | 4.78 | 37.38 | 0.87 | 0.87 | 0.00 | 372.74 | 15 |
| 11 | 7.40 | 19.53 | 18.60 | 4.51 | 35.04 | 1.00 | 0.93 | 0.00 | 362.60 | 14 |
| 12 | 7.40 | 19.83 | 18.60 | 4.25 | 33.88 | 1.00 | 1.00 | 0.00 | 339.87 | 17 |
| 13 | 7.40 | 19.87 | 18.45 | 4.45 | 33.61 | 1.00 | 1.00 | 0.00 | 341.94 | 15 |
| 14 | 7.30 | 19.67 | 18.45 | 4.88 | 33.04 | 1.00 | 0.93 | 0.00 | 336.27 | 15 |
| 15 | 7.30 | 19.67 | 18.45 | 4.45 | 35.33 | 1.00 | 0.93 | 0.00 | 354.57 | 15 |
| 16 | 7.40 | 19.53 | 18.30 | 5.32 | 36.81 | 1.00 | 0.87 | 0.00 | 355.57 | 15 |
| 17 | 7.40 | 19.53 | 18.30 | 5.07 | 36.14 | 1.00 | 0.87 | 0.00 | 356.36 | 15 |
| 18 | 7.40 | 19.53 | 18.30 | 4.69 | 35.38 | 1.00 | 0.80 | 0.00 | 351.94 | 15 |
| 19 | 7.50 | 19.52 | 18.25 | 5.09 | 36.89 | 1.00 | 0.80 | 0.00 | 356.36 | 15 |
| 20 | 7.40 | 19.43 | 18.20 | 4.39 | 34.80 | 1.00 | 0.93 | 0.00 | 341.53 | 15 |
| 21 | 7.40 | 19.43 | 18.20 | 4.26 | 34.80 | 1.00 | 0.93 | 0.00 | 341.53 | 15 |
| 22 | 7.40 | 19.30 | 18.10 | 4.32 | 34.17 | 1.00 | 1.00 | 0.00 | 345.03 | 15 |
| 23 | 7.20 | 19.23 | 18.00 | 4.28 | 33.64 | 1.00 | 1.00 | 0.00 | 346.03 | 15 |
| 24 | 7.10 | 19.17 | 17.90 | 4.41 | 33.46 | 1.00 | 1.00 | 0.00 | 345.03 | 15 |
| 25 | 6.80 | 19.03 | 17.90 | 4.24 | 32.27 | 1.00 | 1.00 | 0.00 | 332.27 | 15 |
| 26 | 6.80 | 19.03 | 17.90 | 4.43 | 32.17 | 1.00 | 1.00 | 0.00 | 322.17 | 15 |
| 27 | 6.80 | 19.03 | 17.80 | 4.35 | 30.83 | 1.00 | 0.93 | 0.00 | 310.83 | 15 |
| 28 | 6.80 | 18.90 | 17.80 | 5.25 | 33.55 | 0.87 | 0.71 | 0.00 | 326.16 | 15 |
| 29 | 6.80 | 18.90 | 17.75 | 6.27 | 35.72 | 0.87 | 0.71 | 0.00 | 340.52 | 15 |
| 30 | 7.20 | 18.90 | 17.55 | 6.27 | 35.45 | 0.93 | 0.69 | 0.00 | 359.04 | 15 |
| 31 | 7.30 | 19.03 | 17.55 | 5.98 | 34.56 | 0.93 | 0.69 | 0.00 | 348.25 | 15 |
| 32 | 7.30 | 19.03 | 17.55 | 5.98 | 36.97 | 0.77 | 0.62 | 0.00 | 372.88 | 14 |
| 33 | 7.30 | 19.03 | 17.55 | 6.72 | 36.97 | 0.77 | 0.62 | 0.00 | 372.88 | 14 |

ESTACION CENTRAL ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PRECIPITACION DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION VCLCAN ANGEL
 CODIGO 58C28 LAT 9 14 LONG 83 27 ALT 450
 NUMERO DE AÑOS ANALIZADOS 23

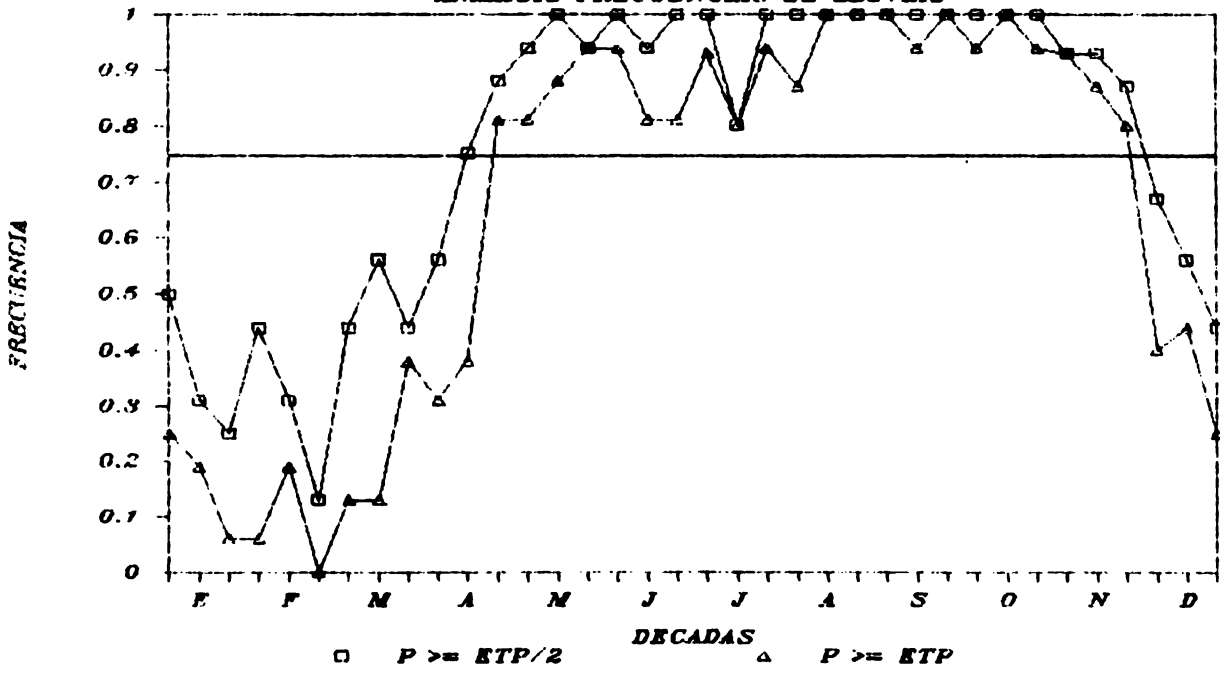
| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.40 | 27.13 | 25.00 | 8.09 | 45.97 | 0.27 | 0.14 | 0.09 | 416.52 | 22 |
| 2 | 13.10 | 27.50 | 25.15 | 7.57 | 45.03 | 0.41 | 0.14 | 0.05 | 407.87 | 22 |
| 3 | 14.20 | 27.57 | 25.20 | 8.13 | 48.07 | 0.18 | 0.14 | 0.05 | 437.37 | 22 |
| 4 | 15.00 | 28.00 | 25.50 | 8.56 | 50.72 | 0.14 | 0.05 | 0.00 | 457.36 | 22 |
| 5 | 15.00 | 28.10 | 25.70 | 8.29 | 51.96 | 0.27 | 0.00 | 0.00 | 455.61 | 22 |
| 6 | 14.90 | 28.27 | 25.50 | 8.65 | 52.35 | 0.14 | 0.00 | 0.00 | 488.74 | 22 |
| 7 | 14.20 | 28.27 | 25.50 | 7.87 | 54.65 | 0.32 | 0.14 | 0.00 | 468.31 | 22 |
| 8 | 12.90 | 28.00 | 25.90 | 6.18 | 51.58 | 0.50 | 0.14 | 0.00 | 468.68 | 22 |
| 9 | 12.40 | 28.00 | 25.85 | 6.87 | 46.24 | 0.83 | 0.57 | 0.00 | 414.63 | 22 |
| 10 | 12.50 | 27.87 | 25.80 | 5.03 | 41.62 | 0.96 | 0.56 | 0.00 | 373.57 | 22 |
| 11 | 11.50 | 27.87 | 25.75 | 4.63 | 39.77 | 1.00 | 0.56 | 0.00 | 357.15 | 22 |
| 12 | 11.30 | 27.43 | 25.65 | 4.41 | 38.50 | 1.00 | 1.00 | 0.00 | 347.46 | 22 |
| 13 | 11.30 | 27.43 | 25.55 | 4.39 | 37.80 | 1.00 | 1.00 | 0.00 | 347.15 | 22 |
| 14 | 11.10 | 27.20 | 25.55 | 4.66 | 37.73 | 1.00 | 1.00 | 0.00 | 341.20 | 22 |
| 15 | 11.10 | 27.10 | 25.55 | 4.81 | 38.45 | 1.00 | 1.00 | 0.00 | 348.45 | 22 |
| 16 | 11.10 | 27.10 | 25.55 | 4.81 | 38.85 | 1.00 | 1.00 | 0.00 | 352.56 | 22 |
| 17 | 11.10 | 27.10 | 25.55 | 5.13 | 40.03 | 1.00 | 1.00 | 0.00 | 352.56 | 22 |
| 18 | 11.10 | 27.00 | 25.25 | 4.70 | 38.67 | 1.00 | 1.00 | 0.00 | 351.84 | 22 |
| 19 | 11.10 | 27.00 | 25.15 | 4.52 | 38.29 | 1.00 | 1.00 | 0.00 | 347.84 | 22 |
| 20 | 11.10 | 27.00 | 25.15 | 5.31 | 41.40 | 0.96 | 1.00 | 0.00 | 347.61 | 22 |
| 21 | 11.10 | 26.57 | 25.10 | 4.62 | 39.20 | 1.00 | 1.00 | 0.00 | 346.14 | 22 |
| 22 | 11.10 | 26.57 | 25.10 | 4.28 | 38.14 | 1.00 | 1.00 | 0.00 | 346.14 | 22 |
| 23 | 11.10 | 26.57 | 25.10 | 4.28 | 38.96 | 1.00 | 1.00 | 0.00 | 347.15 | 22 |
| 24 | 11.10 | 26.57 | 25.05 | 4.24 | 37.98 | 1.00 | 1.00 | 0.00 | 345.15 | 22 |
| 25 | 11.10 | 26.57 | 25.05 | 4.32 | 37.42 | 1.00 | 1.00 | 0.00 | 345.15 | 22 |
| 26 | 11.10 | 26.57 | 25.05 | 4.63 | 38.05 | 1.00 | 1.00 | 0.00 | 345.15 | 22 |
| 27 | 11.10 | 26.57 | 25.05 | 4.31 | 36.21 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 28 | 11.10 | 26.57 | 25.05 | 4.25 | 35.23 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 29 | 11.10 | 26.57 | 25.05 | 4.71 | 36.06 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 30 | 11.10 | 26.57 | 25.10 | 5.18 | 36.06 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 31 | 11.10 | 26.57 | 25.10 | 6.18 | 36.06 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 32 | 11.10 | 26.57 | 25.10 | 6.23 | 36.82 | 1.00 | 1.00 | 0.00 | 346.68 | 22 |
| 33 | 11.10 | 26.57 | 25.10 | 7.41 | 39.82 | 0.91 | 1.00 | 0.00 | 346.68 | 22 |
| 34 | 11.10 | 26.57 | 25.10 | 7.41 | 43.29 | 0.82 | 1.00 | 0.00 | 346.68 | 22 |
| 35 | 11.10 | 26.57 | 25.10 | 7.70 | 44.18 | 0.43 | 1.00 | 0.00 | 346.68 | 22 |
| 36 | 11.10 | 26.57 | 25.10 | 7.92 | 45.17 | 0.43 | 1.00 | 0.00 | 346.68 | 22 |
| 37 | 11.10 | 26.57 | 25.10 | 7.92 | 45.17 | 0.43 | 1.00 | 0.00 | 346.68 | 22 |



DATOS DE INSOLACION, TEMPERATURAS DIURNAS Y DIARIAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION FINCA 8
 CODIGO ICOCOB LAT 8 55 LCMG 83 30 ALT 8
 NUMERO DE AÑOS ANALIZADOS 16

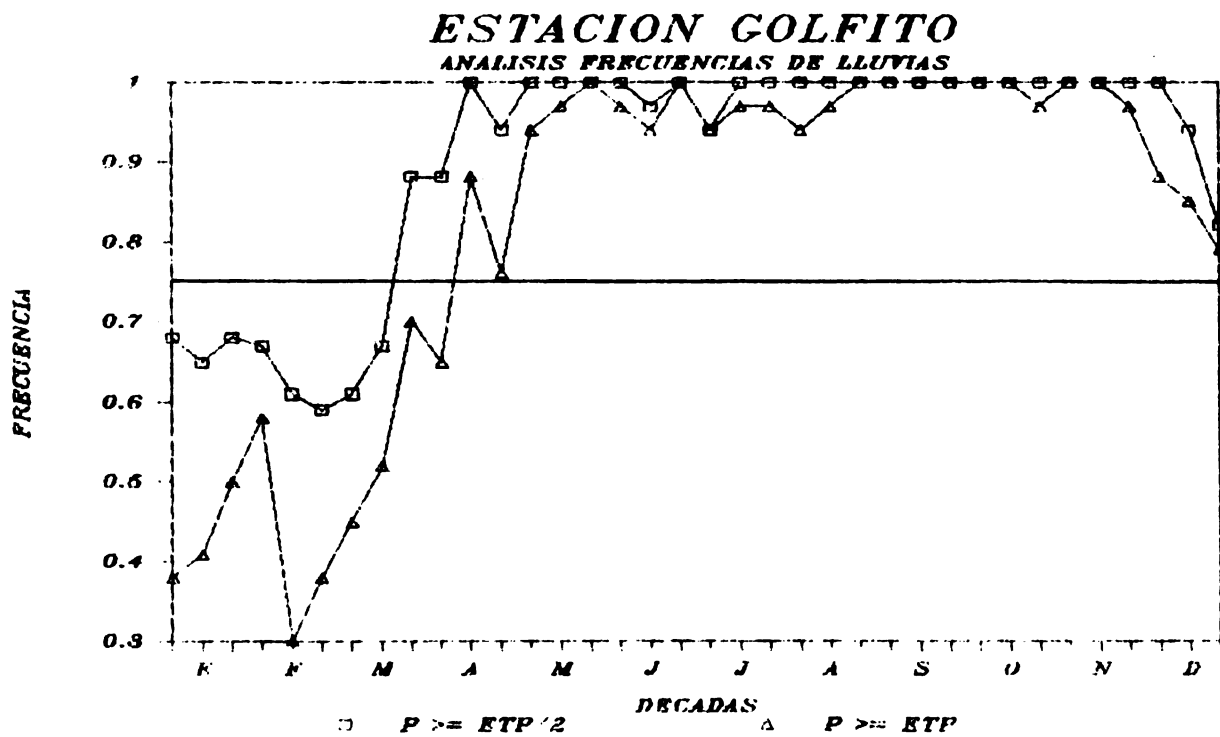
| DECADA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | P1 | P2 | P3 | GC | NB |
|--------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.22 | 29.47 | 27.27 | 7.50 | 45.55 | 0.50 | 0.25 | 0.06 | 400.65 | 16 |
| 2 | 13.58 | 29.03 | 27.34 | 7.72 | 47.15 | 0.31 | 0.15 | 0.06 | 413.52 | 16 |
| 3 | 14.03 | 29.00 | 27.67 | 8.33 | 50.54 | 0.25 | 0.06 | 0.06 | 441.72 | 16 |
| 4 | 14.73 | 29.00 | 27.77 | 8.00 | 50.70 | 0.44 | 0.06 | 0.06 | 441.72 | 16 |
| 5 | 14.63 | 29.00 | 28.00 | 7.77 | 55.71 | 0.13 | 0.19 | 0.06 | 484.02 | 16 |
| 6 | 14.44 | 29.00 | 28.12 | 7.47 | 52.97 | 0.44 | 0.13 | 0.06 | 455.84 | 16 |
| 7 | 14.44 | 29.00 | 28.36 | 7.47 | 52.97 | 0.56 | 0.13 | 0.06 | 445.42 | 16 |
| 8 | 13.83 | 29.00 | 28.36 | 7.18 | 51.76 | 0.44 | 0.13 | 0.06 | 445.42 | 16 |
| 9 | 13.62 | 29.00 | 28.34 | 7.06 | 51.34 | 0.56 | 0.13 | 0.06 | 445.42 | 16 |
| 10 | 12.12 | 29.00 | 28.40 | 6.47 | 48.88 | 0.75 | 0.38 | 0.13 | 426.42 | 16 |
| 11 | 11.85 | 29.00 | 28.12 | 5.24 | 43.81 | 0.88 | 0.38 | 0.13 | 356.24 | 16 |
| 12 | 11.15 | 29.00 | 28.03 | 4.61 | 43.82 | 0.94 | 0.81 | 0.13 | 356.24 | 16 |
| 13 | 11.15 | 29.00 | 27.53 | 5.39 | 43.25 | 1.00 | 0.81 | 0.13 | 356.24 | 16 |
| 14 | 10.57 | 29.00 | 27.62 | 4.43 | 39.70 | 0.94 | 0.54 | 0.13 | 374.08 | 16 |
| 15 | 10.57 | 29.00 | 27.56 | 4.41 | 39.72 | 1.00 | 0.54 | 0.13 | 374.08 | 16 |
| 16 | 10.65 | 29.00 | 27.39 | 4.67 | 39.55 | 0.94 | 0.81 | 0.13 | 341.08 | 16 |
| 17 | 10.79 | 29.00 | 27.39 | 4.04 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 18 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 19 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 20 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 21 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 22 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 23 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 24 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 25 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 26 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 27 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 28 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 29 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 30 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 31 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 32 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 33 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 34 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 35 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 36 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |
| 37 | 10.94 | 29.00 | 27.39 | 4.65 | 39.55 | 1.00 | 0.81 | 0.13 | 341.08 | 16 |

ESTACION FINCA 8 ANALISIS FRECUENCIAS DE LLUVIAS



DATOS DE INSCIACION, TEMPERATURAS DIURNA Y DIARIA, AMPLITUD Y
 LA PRUEFEILICAC DE QUE LA PRECIPITACION SEA MAYOR G IGUAL A ETP/2
 ETP, Y 24ETP, PARA LA ESTACION GOLFITO
 C WIGG IC0034 LAT 8 39 LCMG 83 11 ALT 15
 NUMERO DE ANCS ANALIZADOS 36

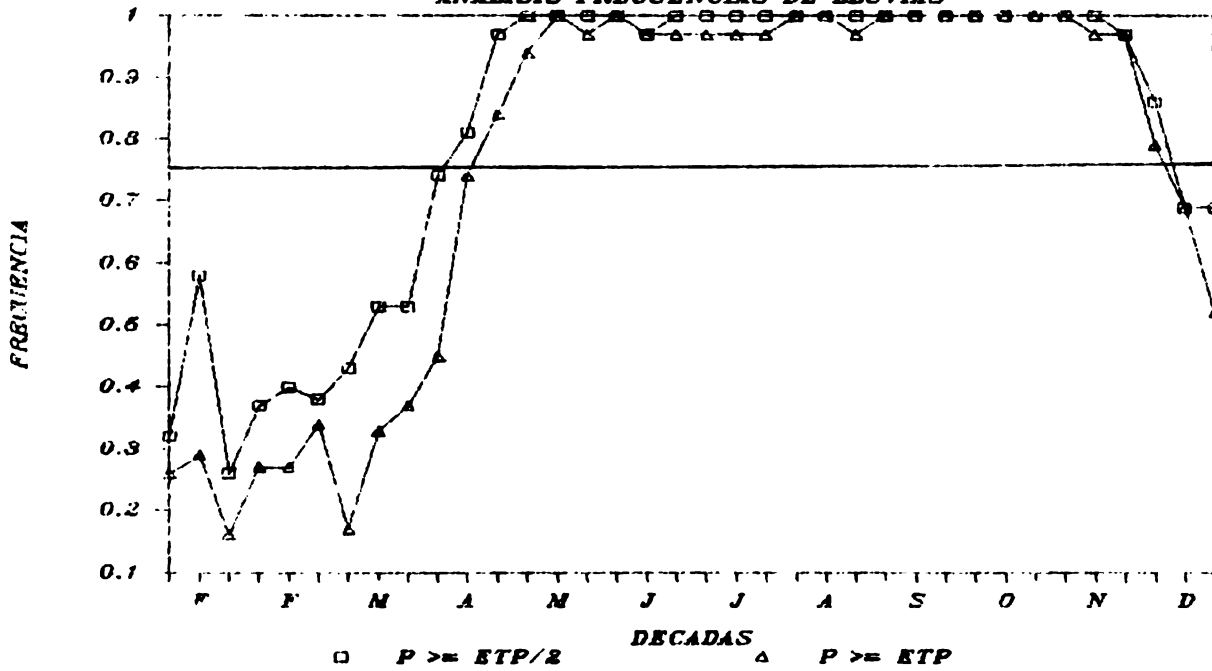
| CEACA | AMPLITUD | T. DIURNA | T. DIARIA | INSO | ETP | PI | P2 | P3 | GC | NE |
|-------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 10.80 | 29.47 | 27.60 | 6.60 | 42.55 | 0.68 | 0.38 | 0.25 | 374.69 | 34 |
| 2 | 10.80 | 25.63 | 27.85 | 6.76 | 43.92 | 0.65 | 0.41 | 0.16 | 385.47 | 34 |
| 3 | 11.00 | 25.63 | 27.80 | 6.62 | 44.32 | 0.68 | 0.50 | 0.16 | 385.47 | 34 |
| 4 | 11.00 | 25.63 | 27.80 | 6.35 | 44.35 | 0.67 | 0.30 | 0.21 | 385.47 | 34 |
| 5 | 11.00 | 25.63 | 27.55 | 6.89 | 47.38 | 0.59 | 0.38 | 0.15 | 415.44 | 33 |
| 6 | 11.00 | 25.63 | 27.55 | 6.71 | 48.47 | 0.61 | 0.45 | 0.15 | 424.44 | 33 |
| 7 | 11.00 | 25.63 | 28.10 | 6.43 | 48.03 | 0.67 | 0.52 | 0.15 | 420.51 | 33 |
| 8 | 11.00 | 25.63 | 28.00 | 5.70 | 45.48 | 0.88 | 0.70 | 0.24 | 355.22 | 34 |
| 9 | 10.20 | 25.63 | 28.00 | 5.60 | 45.14 | 0.88 | 0.65 | 0.23 | 355.22 | 34 |
| 10 | 10.20 | 25.63 | 27.90 | 5.29 | 43.74 | 1.00 | 0.88 | 0.45 | 333.47 | 34 |
| 11 | 10.20 | 25.63 | 27.65 | 4.85 | 41.79 | 0.94 | 0.94 | 0.57 | 333.47 | 34 |
| 12 | 10.20 | 25.63 | 27.65 | 4.44 | 39.88 | 1.00 | 0.94 | 0.57 | 333.47 | 34 |
| 13 | 10.20 | 25.63 | 27.65 | 4.25 | 38.74 | 1.00 | 0.94 | 0.57 | 333.47 | 34 |
| 14 | 10.20 | 25.63 | 27.65 | 4.27 | 38.42 | 1.00 | 1.00 | 0.64 | 333.47 | 34 |
| 15 | 10.20 | 25.63 | 27.65 | 4.28 | 38.07 | 1.00 | 1.00 | 0.64 | 333.47 | 34 |
| 16 | 10.20 | 25.63 | 27.65 | 4.33 | 38.00 | 1.00 | 1.00 | 0.64 | 333.47 | 34 |
| 17 | 10.20 | 25.63 | 27.65 | 4.66 | 39.12 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 18 | 10.20 | 25.63 | 27.65 | 4.29 | 37.91 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 19 | 10.20 | 25.63 | 27.65 | 4.32 | 38.33 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 20 | 10.20 | 25.63 | 27.65 | 4.32 | 38.69 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 21 | 10.20 | 25.63 | 27.65 | 4.24 | 38.69 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 22 | 10.20 | 25.63 | 27.65 | 4.39 | 38.69 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 23 | 10.20 | 25.63 | 27.65 | 4.25 | 39.10 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 24 | 10.20 | 25.63 | 27.65 | 4.24 | 39.25 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 25 | 10.20 | 25.63 | 27.65 | 4.28 | 39.08 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 26 | 10.20 | 25.63 | 27.65 | 4.36 | 38.95 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 27 | 10.20 | 25.63 | 27.65 | 5.67 | 42.08 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 28 | 10.20 | 25.63 | 27.65 | 4.39 | 38.22 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 29 | 10.20 | 25.63 | 27.65 | 4.39 | 38.02 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 30 | 10.20 | 25.63 | 27.65 | 4.32 | 35.11 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 31 | 10.20 | 25.63 | 27.65 | 4.99 | 36.86 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 32 | 10.20 | 25.63 | 27.65 | 4.71 | 35.86 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 33 | 10.20 | 25.63 | 27.65 | 5.21 | 37.31 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |
| 34 | 10.20 | 25.63 | 27.65 | 5.29 | 41.22 | 1.00 | 1.00 | 0.80 | 333.47 | 34 |



LA IUS DE INCLACION, TEMPERATURAS CIARNA Y CIARJA, AMPLITUD Y
 LA PRECABILIDAD DE CUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CUTO 47
 CDDIGC I00035 LAT 8 36 LCNG 82 59 ALT 8
 NUMERO DE ANCS ANALIZADOS 31

| CCACA | AMPLITUD | T. DIARNA | I. CIARIA | INSO | ETP | PI | P2 | P3 | GC | NB |
|-------|----------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.24 | 20.45 | 21.24 | 7.37 | 45.30 | 0.38 | 0.26 | 0.03 | 358.50 | 31 |
| 2 | 13.24 | 25.63 | 21.63 | 7.28 | 45.75 | 0.58 | 0.29 | 0.03 | 401.48 | 31 |
| 3 | 14.03 | 30.00 | 27.07 | 7.74 | 49.09 | 0.37 | 0.16 | 0.06 | 424.06 | 31 |
| 4 | 14.03 | 30.43 | 27.00 | 7.38 | 45.56 | 0.40 | 0.27 | 0.06 | 431.51 | 31 |
| 5 | 14.03 | 30.43 | 28.12 | 7.43 | 50.89 | 0.38 | 0.34 | 0.06 | 442.55 | 31 |
| 6 | 14.03 | 30.43 | 28.00 | 7.04 | 52.29 | 0.53 | 0.33 | 0.06 | 453.23 | 31 |
| 7 | 14.03 | 30.43 | 28.36 | 6.89 | 50.63 | 0.53 | 0.37 | 0.06 | 448.73 | 31 |
| 8 | 14.03 | 30.43 | 28.34 | 6.43 | 48.88 | 0.74 | 0.45 | 0.06 | 434.00 | 31 |
| 9 | 14.03 | 30.43 | 28.40 | 6.61 | 45.52 | 0.81 | 0.74 | 0.06 | 424.00 | 31 |
| 10 | 14.03 | 30.43 | 28.12 | 5.05 | 42.87 | 0.91 | 0.84 | 0.06 | 425.18 | 31 |
| 11 | 14.03 | 30.43 | 28.00 | 5.52 | 40.55 | 1.00 | 0.54 | 0.06 | 425.00 | 31 |
| 12 | 14.03 | 30.43 | 28.00 | 4.03 | 39.40 | 1.00 | 0.57 | 0.06 | 435.00 | 31 |
| 13 | 14.03 | 30.43 | 27.93 | 4.53 | 38.26 | 1.00 | 0.57 | 0.06 | 436.97 | 31 |
| 14 | 14.03 | 30.43 | 27.56 | 4.47 | 38.56 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 15 | 14.03 | 30.43 | 27.35 | 4.36 | 38.14 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 16 | 14.03 | 30.43 | 27.35 | 4.45 | 38.49 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 17 | 14.03 | 30.43 | 27.43 | 4.42 | 38.63 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 18 | 14.03 | 30.43 | 27.43 | 4.37 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 19 | 14.03 | 30.43 | 27.23 | 4.27 | 38.84 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 20 | 14.03 | 30.43 | 27.16 | 4.38 | 39.43 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 21 | 14.03 | 30.43 | 27.16 | 4.24 | 39.04 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 22 | 14.03 | 30.43 | 27.12 | 4.24 | 39.07 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 23 | 14.03 | 30.43 | 27.04 | 4.24 | 38.31 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 24 | 14.03 | 30.43 | 27.00 | 4.24 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 25 | 14.03 | 30.43 | 26.93 | 4.06 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 26 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 27 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 28 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 29 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 30 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |
| 31 | 14.03 | 30.43 | 26.85 | 4.26 | 38.59 | 1.00 | 0.57 | 0.06 | 436.00 | 31 |

ESTACION COTO 47 ANALISIS FRECUENCIAS DE LLUVIAS

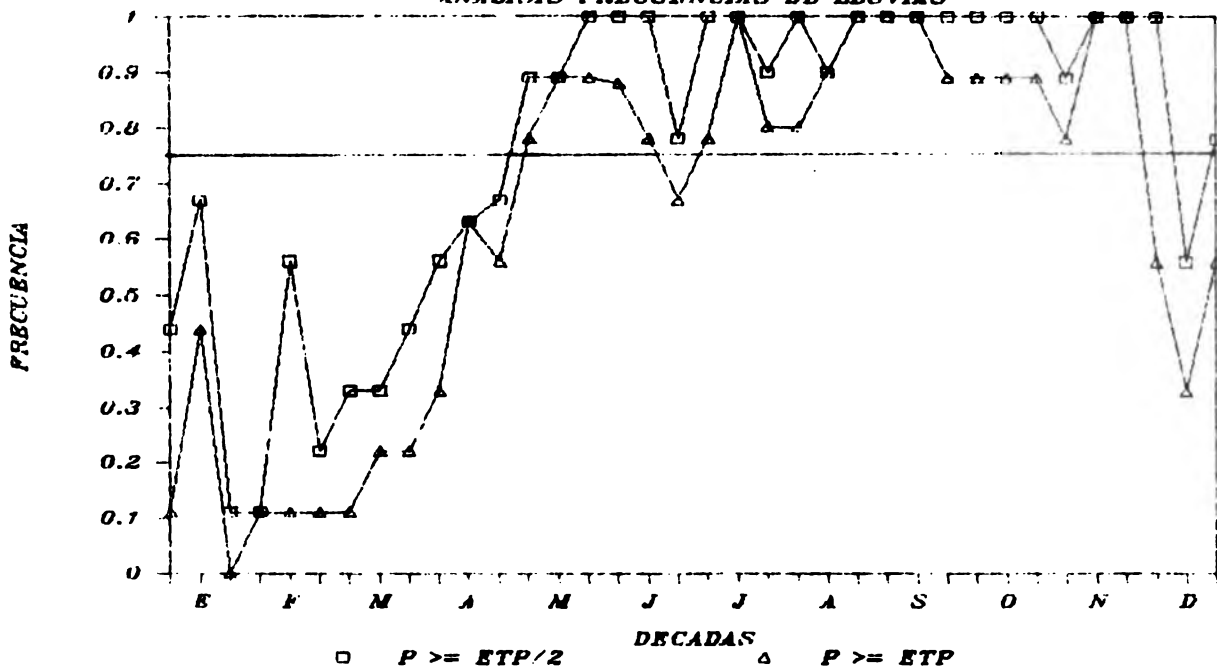


CAJAS DE INSOLACION, TEMPERATURAS DIURNAS Y NOCTURNAS, AMPLITUD Y
 LA PROBABILIDAD DE QUE LA PRECIPITACION SEA MAYOR O IGUAL A ETP/2
 ETP, Y 2*ETP, PARA LA ESTACION CAUCHO

CCDIGO 10CC78 LAT 8 27 LCG 82 56 ALT 25
 NUMERO DE ANCS ANALIZADOS 10

| DECA | AMPLITU | T. DIURNA | T. DIARIA | INNO | ETP | F1 | P2 | P3 | GC | NE |
|------|---------|-----------|-----------|------|-------|------|------|------|--------|----|
| 1 | 13.16 | 25.36 | 27.16 | 7.63 | 46.20 | 0.44 | 0.11 | 0.01 | 457.06 | 9 |
| 2 | 13.94 | 25.51 | 27.22 | 7.11 | 45.16 | 0.67 | 0.40 | 0.00 | 357.29 | 9 |
| 3 | 14.29 | 25.54 | 27.56 | 8.30 | 51.73 | 0.11 | 0.40 | 0.00 | 447.44 | 5 |
| 4 | 14.67 | 26.11 | 27.66 | 7.76 | 50.96 | 0.56 | 0.11 | 0.00 | 444.74 | 5 |
| 5 | 14.78 | 26.67 | 27.88 | 8.23 | 53.05 | 0.22 | 0.11 | 0.00 | 468.53 | 5 |
| 6 | 14.40 | 26.01 | 28.15 | 7.69 | 53.47 | 0.33 | 0.11 | 0.00 | 461.43 | 5 |
| 7 | 14.79 | 26.49 | 28.25 | 7.61 | 53.40 | 0.44 | 0.11 | 0.00 | 463.45 | 5 |
| 8 | 13.38 | 26.02 | 28.02 | 7.02 | 51.11 | 0.56 | 0.22 | 0.00 | 463.45 | 5 |
| 9 | 13.79 | 26.42 | 28.30 | 6.66 | 49.51 | 0.67 | 0.22 | 0.00 | 443.02 | 5 |
| 10 | 12.05 | 25.08 | 28.13 | 5.52 | 44.60 | 0.89 | 0.22 | 0.00 | 385.50 | 5 |
| 11 | 11.13 | 25.08 | 27.93 | 5.61 | 45.21 | 0.89 | 0.22 | 0.00 | 370.41 | 5 |
| 12 | 11.13 | 25.08 | 27.82 | 5.99 | 42.00 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 13 | 10.94 | 25.08 | 27.51 | 5.03 | 41.00 | 1.00 | 0.22 | 0.00 | 370.41 | 5 |
| 14 | 10.63 | 25.08 | 27.45 | 5.75 | 40.81 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 15 | 10.63 | 25.08 | 27.29 | 5.74 | 42.00 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 16 | 10.62 | 25.08 | 27.29 | 4.93 | 40.81 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 17 | 10.51 | 25.08 | 27.23 | 4.71 | 42.00 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 18 | 10.56 | 25.08 | 27.21 | 5.05 | 41.38 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 19 | 10.11 | 25.08 | 27.13 | 4.24 | 40.28 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 20 | 10.56 | 25.08 | 27.06 | 4.68 | 38.84 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 21 | 10.56 | 25.08 | 27.01 | 4.61 | 40.40 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 22 | 10.56 | 25.08 | 27.01 | 4.79 | 41.06 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 23 | 10.56 | 25.08 | 26.90 | 4.71 | 40.40 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 24 | 10.56 | 25.08 | 26.87 | 4.49 | 39.22 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 25 | 10.56 | 25.08 | 26.87 | 4.30 | 37.03 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 26 | 10.56 | 25.08 | 26.85 | 4.24 | 37.39 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 27 | 10.56 | 25.08 | 26.85 | 4.52 | 36.49 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 28 | 10.56 | 25.08 | 26.85 | 4.96 | 37.43 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 29 | 10.56 | 25.08 | 26.85 | 6.48 | 41.08 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 30 | 10.56 | 25.08 | 26.85 | 6.54 | 41.92 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 31 | 10.56 | 25.08 | 26.85 | 6.77 | 42.71 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |
| 32 | 10.56 | 25.08 | 26.85 | 7.77 | 46.41 | 1.00 | 0.22 | 0.00 | 355.67 | 5 |

ESTACION CAUCHO ANALISIS FRECUENCIAS DE LLUVIAS



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