

# **BIOCLIMATOLOGIA DE CHILE**

**E. R. HAJEK  
F. DI CASTRI**

**Dirección de Investigación  
Vice - Rectoría Académica  
Universidad Católica de Chile**

**Santiago - Chile  
1975**

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**Manual de consulta**

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**1975**

# **BIOCLIMATOLOGIA DE CHILE**

## **Manual de consulta**

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**FRANCESCO di CASTRI**

Programa El Hombre y la Biosfera (MAB). UNESCO . Place de Fontenoy, Paris. Francia.

El propósito de este trabajo es representar el clima de Chile desde un punto de vista bioclimático, es decir, mediante la utilización de pares de elementos climáticos de significación biológica.

La publicación está organizada de tal modo de servir de fácil consulta a todos aquellos que requieran una información sucinta sobre el bioclima de alguna localidad chilena.

En varios trabajos anteriores de los autores se han desarrollado estudios sobre bioclimatología de Chile, sobre la base de la misma línea de pensamiento aquí resumida. Al final se ha organizado una breve reseña bibliográfica. En dichos trabajos se podrán obtener detalles extensos sobre algunos de los enfoques que posteriormente han llevado a la presentación de esta Bioclimatografía de Chile.

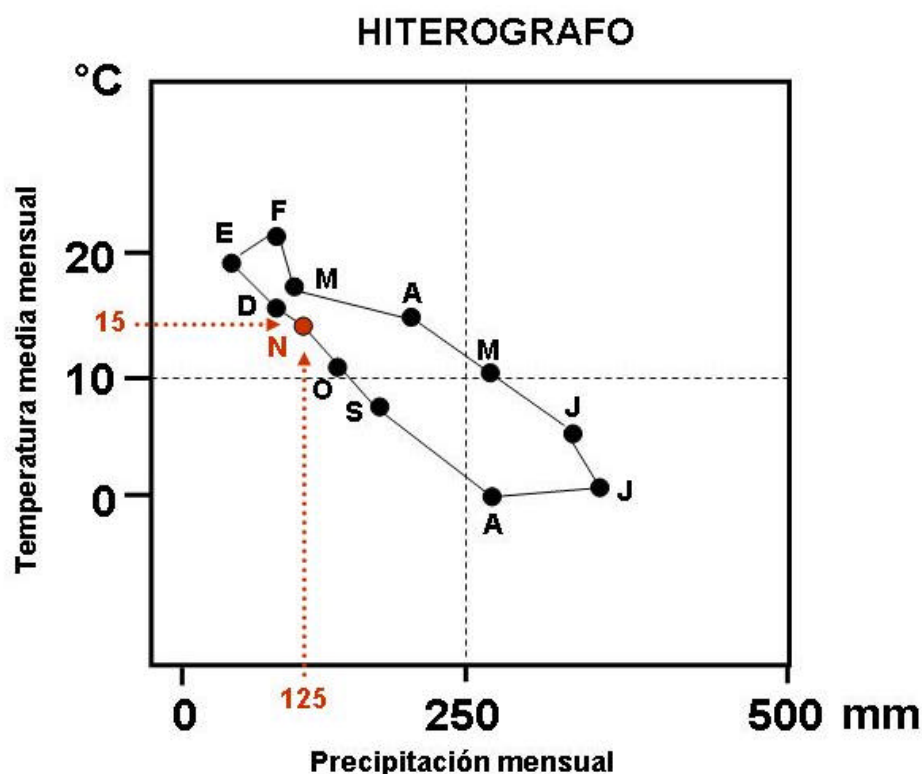
Los datos con que se ha elaborado este trabajo han sido recopilados directamente por uno de los autores (ERH) de los archivos de la Oficina Meteorológica de Chile, Quinta Normal, a la que expresamos nuestros agradecimientos.

Con el fin de lograr una plena efectividad en el uso de la información aquí presentada haremos una breve síntesis de la base y aplicaciones de los diferentes gráficos. El material está organizado de tal modo de presentar conjuntamente los datos de temperatura máxima media, temperatura media, temperatura mínima media, humedad relativa y precipitaciones de 107 localidades chilenas. Los datos se presentan en forma de figuras bioclimáticas y expresados numéricamente en la página de tablas asociadas. Lógicamente, los gráficos fueron trazados con los mismos datos. Los datos corresponden a tres tipos de Estaciones que hemos calificado como principales (más de 7 años de observaciones), accesorias (con menos de 7 años de observaciones) e incompletas, en que frecuentemente faltaban datos de temperaturas extremas y de humedad relativa. Estas últimas, sin embargo, fueron incorporadas al trabajo, por su ubicación geográfica y su significado bioclimático.

En relación a las figuras que se incorporan en esta Bioclimatografía de Chile hemos creído necesario, y para evitar frecuentes vueltas a la bibliografía sobre el tema, explicar brevemente el significado a las representaciones gráficas que se encontrarán en las páginas siguientes.

En las Figuras 1 a 6 se explican en detalle los diversos elementos que configuran cada uno de los gráficos. Un alcance importante: Los gráficos presentados como ejemplos (Fig. 1 a 6 ) no guardan relación entre sí, pues han sido trazados con datos diferentes. Lo que nos interesaba era poder explicar la simbología que aparece en los gráficos de las 107 Estaciones que siguen, los que sí están confeccionados sobre datos equivalentes.

HITEROGRAFO ( Fig. 1 )



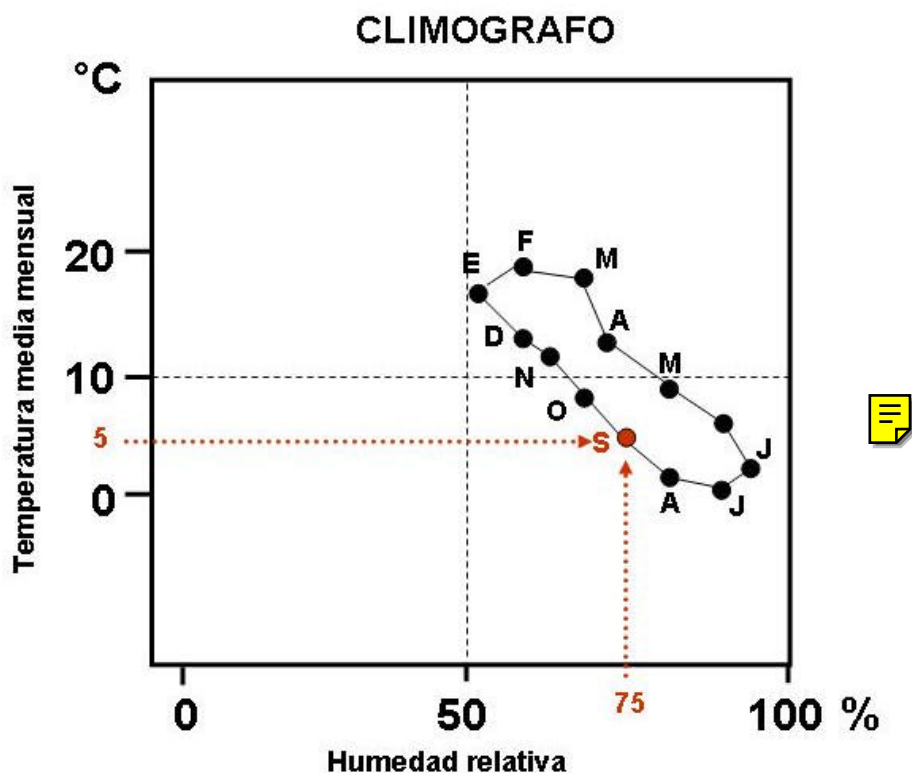
Esta forma de representación bioclimática relaciona temperaturas con precipitaciones (valores mensuales). En un sistema de coordenadas, las intersecciones de los valores mensuales de precipitaciones y de temperaturas medias permiten observar una serie de doce puntos cuya unión sucesiva nos lleva a obtener una figura cuyas características de forma, extensión y ubicación revelan las características bioclimáticas o la tendencia bioclimática de la localidad. En el ejemplo presentado se han marcado los puntos correspondientes a cada mes, y un ejemplo (noviembre).

Sin embargo, se sugiere utilizar posteriormente sólo el polígono relleno, tal como aparece en los gráficos de cada Estación. Ello facilita la legibilidad, interpretación y comparación de los hiterógrafos, entre localidades.

Es posible así reconocer *climas constantes* (oceánicos o ecuatoriales) que corresponden a hiterógrafos irregularmente redondeados, sin fuertes variaciones de temperatura o precipitaciones; *tendencias tropicales* cuyos hiterógrafos se sitúan en la parte superior del diagrama y que son alargados horizontalmente, debido a fuertes fluctuaciones pluviométricas estacionales (lluvias de verano) junto a una relativa constancia térmica; la *tendencia mediterránea* se caracteriza por hiterógrafos inclinados hacia la posición derecha e inferior del diagrama, dado que las precipitaciones se concentran en el período frío o invernal; la *tendencia continental* se revela por un hiterógrafo muy extendido verticalmente por las grandes fluctuaciones térmicas, registrándose una relativa constancia pluviométrica o bien cierta concentración de las lluvias en verano; en este último sentido, hay ciertos nexos entre la tendencia tropical y continental. Finalmente las *tendencias polares* y *desérticas* muestran también hiterógrafos verticales, pero en este caso adosados al lado izquierdo del diagrama, en la parte superior para los desiertos cálidos y en la inferior para los desiertos fríos o polares.

Naturalmente, no hay delimitaciones marcadas entre estas tendencias, verificándose frecuentemente situaciones de transición. La división de los hiterógrafos en cuatro cuadrantes (líneas de trazos) permite obtener, didácticamete cuatro sectores, de condiciones cálido-húmedas, frío-húmedas, frío-secas y cálido-secas.

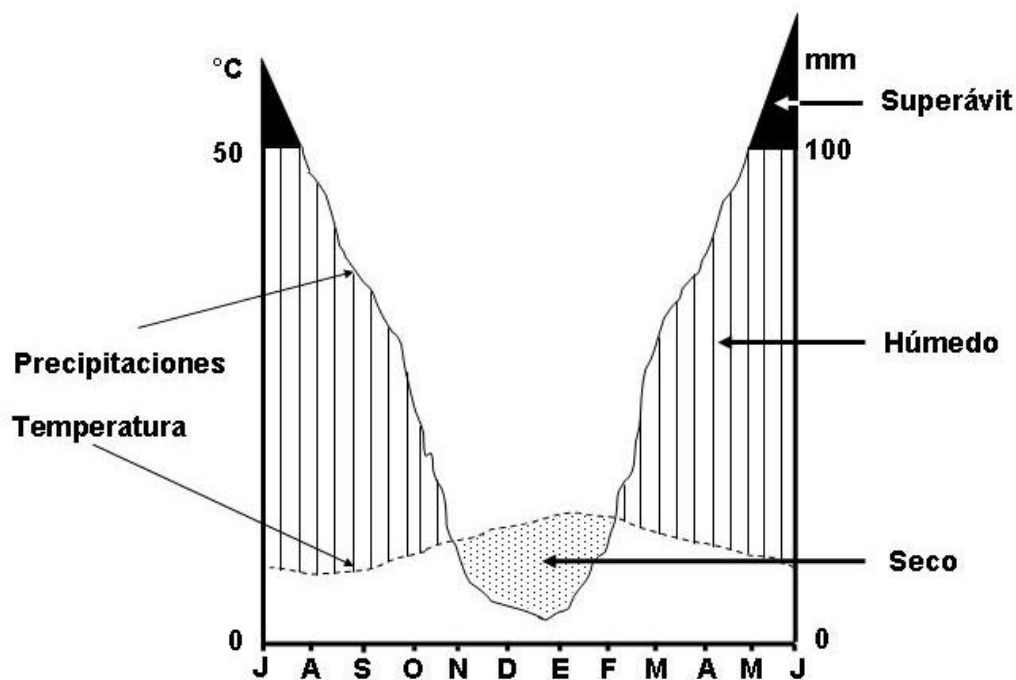
**CLIMOGRAFO (Fig. 2)**



Esta figura muestra las relaciones entre temperatura y humedad relativa. En general no se la utiliza para la definición de tipos de climas o tendencias, pero sí como un complemento del hiterógrafo, particularmente en áreas donde los hiterógrafos se observan semejantes (desiertos, por ejemplo, desde costa al interior) y donde la humedad del aire juega un rol ecológico de importancia.

En el ejemplo presentado se han marcado los puntos correspondientes a cada mes, y un ejemplo (septiembre). Sin embargo, se sugiere utilizar posteriormente sólo el polígono rellonado, tal como aparece en los gráficos de cada Estación. Ello facilita la legibilidad, interpretación y comparación de los climógrafos, entre localidades.

### DIAGRAMA OMBROTERMICO (Fig. 3)



**DIAGRAMA OMBROTÉRMICO  
de Gaussen-Walter**

El diagrama ombrotérmico (o de Gaussen-Walter) es un método de representación que se utiliza para la determinación de períodos de sequía y que a la vez sirve para observar tendencias térmicas y pluviométricas. Las escalas de temperatura y precipitaciones en dos ordenadas son trazadas sobre la base de la proporción  $P=2T$ . En puntillado se observa el período de sequía, es decir, cuando la curva de las precipitaciones pasa por debajo de la de temperaturas; en achurado vertical se señala el período húmedo del año, y en negro, el período en que existe superávit por encima de los 100 mm mensuales, para lo cual también se reduce la escala a 1/10 por encima de 100.

# DIAGRAMAS DE ARIDEZ, MESES FRÍOS, MESES DESFAVORABLES

Las tres franjas ( Fig. 4, 5, 6 ), permiten observar, respectivamente, diagramas de aridez, de meses fríos (o de potencialidad vegetativa) y meses desfavorables, desde julio a junio.

La primera franja, **DIAGRAMA DE ARIDEZ (Fig. 4 )** señala la proporción de meses áridos, semiáridos y húmedos, calculados sobre la base del índice mensual de aridez de de Martonne.

$$IM= \frac{P}{T + 10} \times 12$$

en que P es la precipitación mensual (en mm),  
T es la temperatura media mensual (°C). 10 y 12 con constantes.

Un mes húmedo (en blanco) es aquel cuyo índice es superior a 20; un mes semiárido (achurado) se obtiene con un índice cuyo valor está entre 10 y 20; un mes árido (negro) se logra cuando el índice de aridez da una cifra inferior a 10.



Diagrama de aridez

La segunda franja, **DIAGRAMA DE MESES FRIOS (Fig. 5)**, que se ha trazado sobre la base de la temperatura media mensual (°C) permite definir un mes cálido, como aquel cuya temperatura media es superior a 10 °C (en blanco); un mes semifrío (achurado) es aquel mes con temperatura media entre 5 y 10 °C. Mes frío (en negro) es aquel cuya temperatura media es inferior a 5 oC. Las temperaturas de 5 y 10 °C se dan como temperaturas cardinales para muchas especies vegetales.

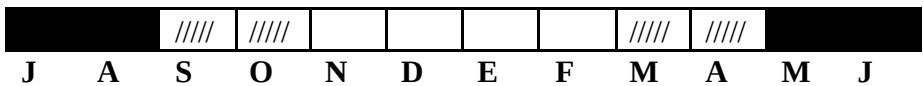


Diagrama de meses fríos

La tercera franja, **DIAGRAMA DE MESES DESFAVORABLES (Fig. 6)**, resulta de la superposición de los diagramas de aridez y de meses fríos. Se pueden representar, así, en forma integrada, las características de los factores limitantes térmicos e hídricos. De acuerdo a este diagrama podemos definir meses favorables, semifavorables y desfavorables, de acuerdo a las diversas combinaciones que se obtienen, La escala de los meses va de julio a junio.

Un mes favorable es, en general, aquel que muestra condiciones térmicas e hídricas adecuadas (Temperatura superior a 10 °C y un índice de de Martonne superior a 20). Lo señalamos en blanco. Un mes semifavorable es aquel que denota condiciones semiáridas o semifrías, es decir, un índice de de Martonne entre 10 y 20 y una temperatura mayor que 10 °C, o a la inversa, un índice de de Martonne mayor que 20 y una temperatura entre 5 y 10 °C (achurado). Entendemos por un mes desfavorable (en negro), a aquel que tiene un fuerte factor limitante como puede ser, por ejemplo, la baja temperatura (inferior a 5 °C), o un índice de de Martonne inferior a 10.



Diagrama de meses desfavorables

Es decir, dicho de otro modo, puede darse la situación de un mes que muestra condiciones hídricas adecuadas, pero su temperatura es demasiado baja para que exista actividad biológica satisfactoria; o, a la inversa, las temperaturas son adecuadas, pero no existen precipitaciones. Aquellos meses en que se dan condiciones semifrías y semiáridas simultáneamente, han sido considerados también como desfavorables, por adición.

**Resumiendo:** franjas de aridez, frío, y meses desfavorables.

Diagrama de meses áridos

|      |               |
|------|---------------|
|      | Mes húmedo    |
| //// | Mes semiárido |
|      | Mes árido     |

Diagrama de meses fríos

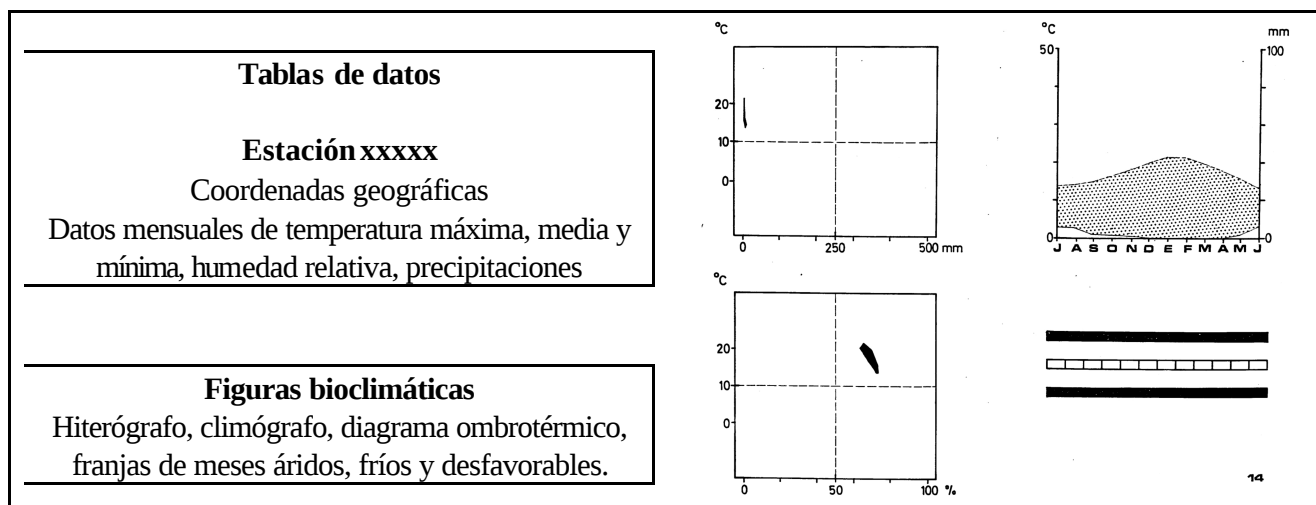
|      |              |
|------|--------------|
|      | Mes cálido   |
| //// | Mes semifrío |
|      | Mes frío     |

Diagrama de meses desfavorables

|      |                   |
|------|-------------------|
|      | Mes favorable     |
| //// | Mes semifavorable |
|      | Mes desfavorable  |

Pensamos que este manual de consulta puede ser de utilidad para fines docentes, de planificación general (particularmente en el sector agrícola) y de descripción del ambiente en trabajos de índole biológica. Nuestra experiencia ha sido aquella de que estas representaciones gráficas son fáciles de comprender, de dibujar y de interpretar.

En las páginas de representaciones gráficas se incluyen todas las Figuras antes indicadas, como también las tablas de datos originalmente usados para dibujar los gráficos:



Nota: En los cuadros de datos climáticos se han omitido (por razones de espacio, de presentación y de legibilidad) las unidades en que se expresan temperaturas, humedad relativa y precipitaciones. Deben entenderse las temperaturas en °C, la humedad relativa en % y las precipitaciones en mm.

Esperamos que nuestros lectores puedan hacer buen uso de la información aquí presentada.

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Agradecemos al Dr. Raúl Cañas por su colaboración.

## **Santiago, diciembre de 1975**

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IMPORTANTE: (Comentarios agregados en diciembre de 2004)

1. Los datos climáticos usados para las representaciones gráficas fueron recopilados en la década de 1960 directamente de los registros de la Oficina Meteorológica de Chile (actual Dirección Meteorológica de Chile), Quinta Normal. Estos datos se han usado aquí exclusivamente para el dibujo de gráficos y cálculo de fórmulas y no para ofrecer bases de datos públicas, lo que habitualmente hacen los organismos oficiales encargados. Se publican acá, solamente como referencia y para fines de hacer ejercicios o repetir las caracterizaciones de regiones de Chile, eventualmente usando técnicas más modernas de diseño gráfico. El tiempo transcurrido desde la publicación lleva asociado el hecho de que podrán haber, para las mismas Estaciones, más años de observación, que hayan desaparecido algunas Estaciones o surgido nuevas.

2. Es recomendable, por tanto, verificar en la Dirección Meteorológica de Chile, u otras organizaciones que mantienen bases de datos, cuál es la situación presente de Estaciones y datos disponibles, si se quisieran describir ahora los bioclimas de Chile, usando las mismas metodologías descritas, y en que se basa este libro.

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Este libro (Bioclimatografía de Chile) se complementa bien con la Bioclimatología de Chile, de los mismos autores, especialmente en la posibilidad de ver los detalles de datos, y de las figuras bioclimáticas trazadas. La Bioclimatología de Chile está también disponible en Internet, en formato pdf. [www.ecolyma.cl/bioclimas](http://www.ecolyma.cl/bioclimas)

# **BIOCLIMATOLOGIA DE CHILE**

## **Tablas:**

Datos de temperatura, humedad relativa y precipitaciones

## **Figuras:**

Hiterógrafos, climógrafos, diagramas ombrotérmicos  
y diagramas de aridez, meses fríos y meses desfavorables

## **107 Estaciones chilenas**

Las Estaciones están ordenadas de norte a sur

Nota: Los datos tabulados para cada Estación corresponden a información sobre la cual se basa el cálculo de índices y el diseño de las figuras bioclimáticas presentadas en este libro. Se publican acá como referencia a las Figuras, y para mayor detalle de su diseño o reuso para esa finalidad. No son bases de datos públicas actuales. La recopilación se hizo en la década de 1960 y este libro se publicó en 1975. Datos más recientes y eventualmente más años de observación deben buscarse en las instituciones que mantienen bases de datos climáticos, con acceso público, ya sea gratuito o pagado.

A R I C A

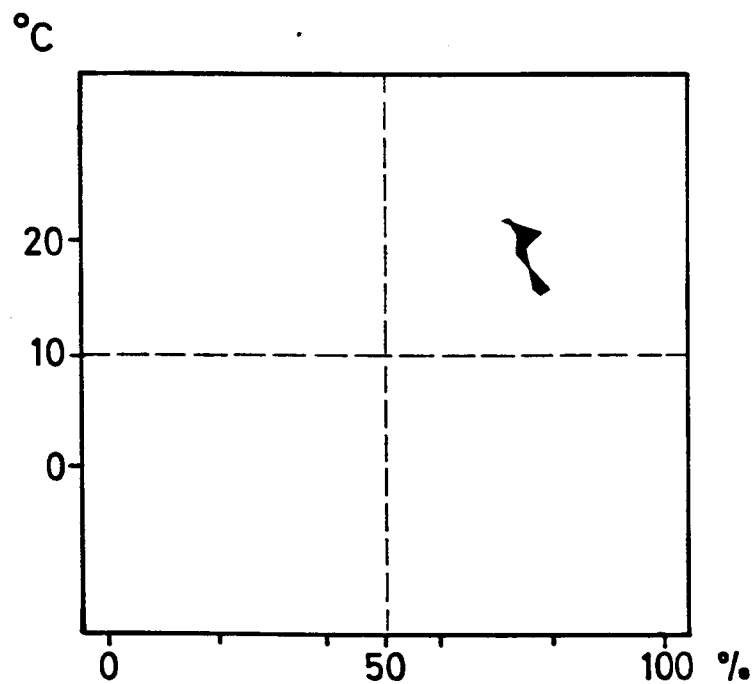
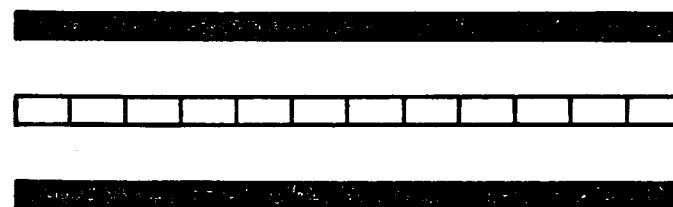
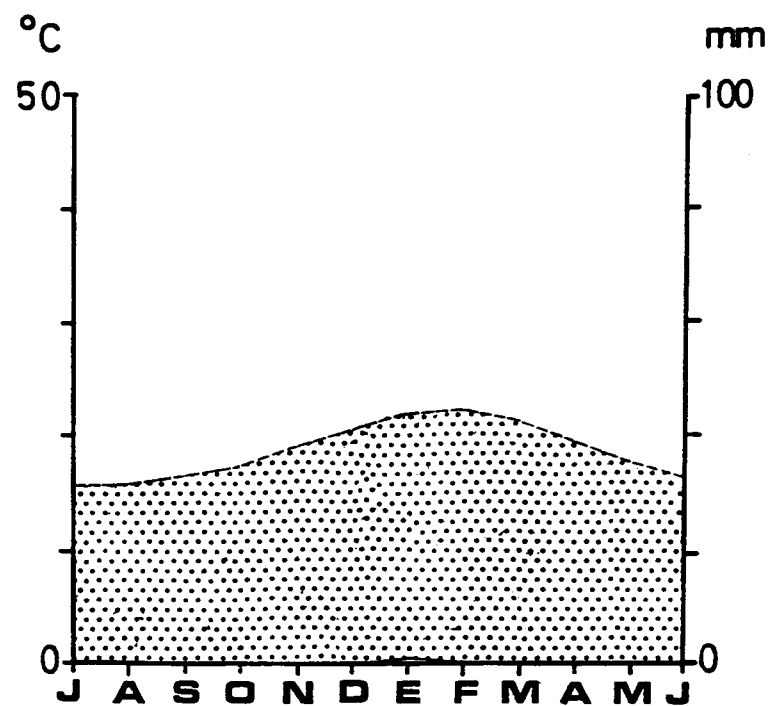
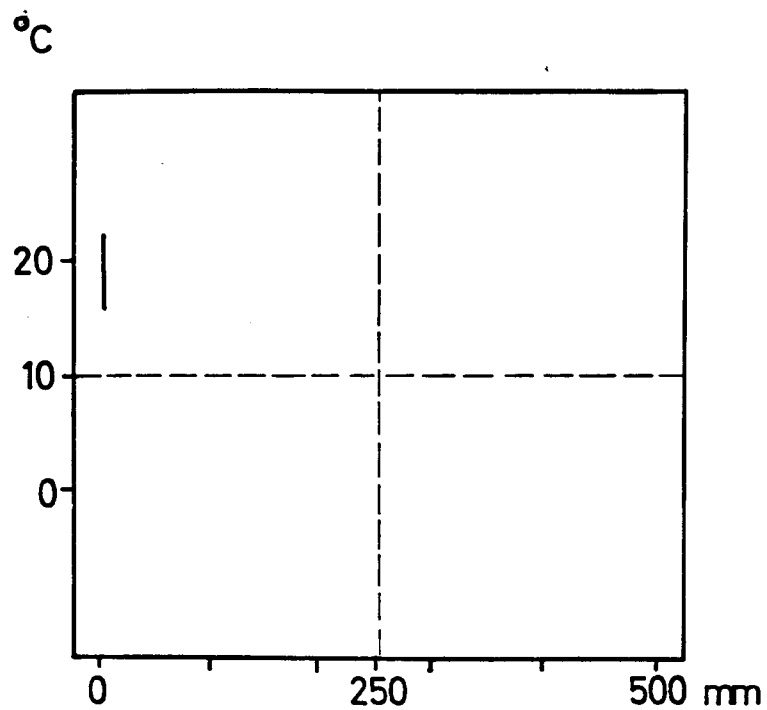
1 .

LATITUD 18 ° 28 ' S

LONGITUD 70 ° 22 ' W

ALTITUD 29 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>Observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 26.0 | 26.4 | 25.6 | 23.5 | 21.5 | 19.7 | 18.7 | 18.6 | 19.6 | 20.6 | 22.4 | 24.2 | 22.2 | 44                  |
| Temperatura<br>media        | 22.1 | 22.3 | 21.3 | 19.5 | 17.9 | 16.6 | 15.7 | 15.8 | 16.5 | 17.5 | 19.0 | 20.6 | 18.7 | 44                  |
| Temperatura<br>mínima media | 17.7 | 18.1 | 17.2 | 15.6 | 14.5 | 13.5 | 12.6 | 12.6 | 13.3 | 14.2 | 15.3 | 16.4 | 15.1 | 44                  |
| Humedad relativa            | 72   | 71   | 78   | 75   | 76   | 77   | 78   | 79   | 79   | 77   | 74   | 74   | 76   | 29                  |
| Precipitaciones             | .3   | --   | --   | --   | --   | 0.1  | 0.1  | 0.1  | --   | --   | --   | --   | 0.6  | 33                  |



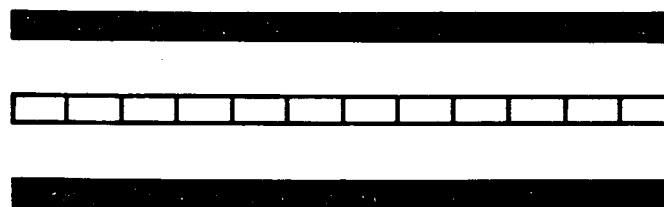
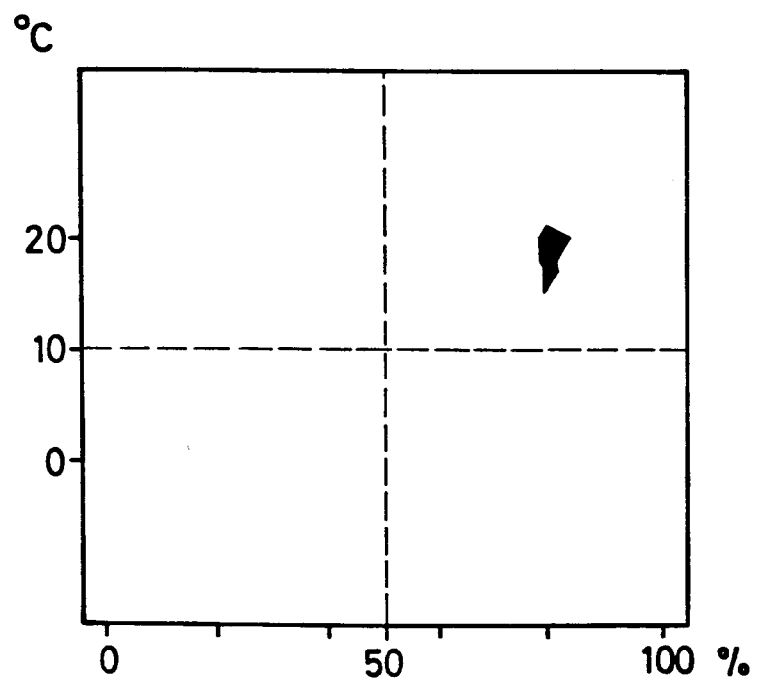
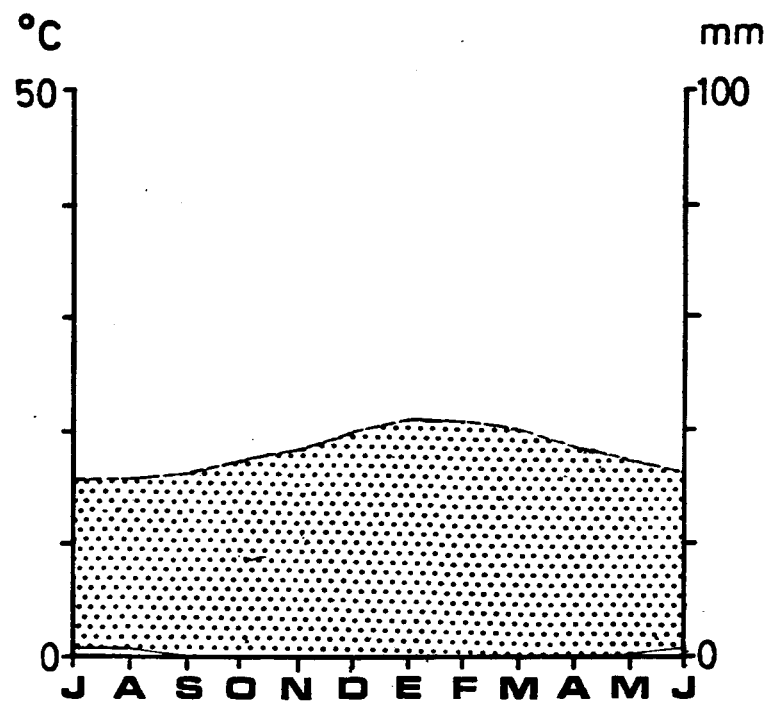
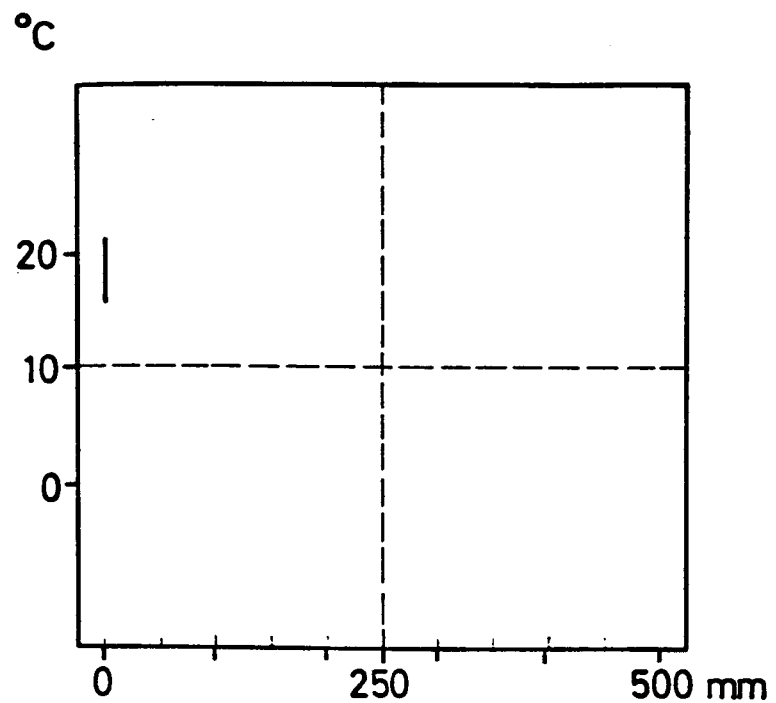
Arica 1

I Q U I Q U E

2 .

LATITUD 20 ° 12 ' S  
LONGITUD 70 ° 11 ' W  
ALTITUD 515 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 24.6 | 24.8 | 23.5 | 21.7 | 20.3 | 18.7 | 18.1 | 18.2 | 19.0 | 20.5 | 22.3 | 23.6 | 21.2 | 29                  |
| Temperatura<br>media        | 20.9 | 20.8 | 19.7 | 18.3 | 17.2 | 16.0 | 15.4 | 15.4 | 16.1 | 17.1 | 18.1 | 19.8 | 17.9 | 34                  |
| Temperatura<br>mínima media | 16.5 | 16.2 | 15.3 | 14.0 | 13.3 | 12.8 | 12.3 | 12.3 | 12.8 | 13.6 | 14.6 | 15.5 | 14.1 | 29                  |
| Humedad<br>relativa         | 79   | 79   | 83   | 81   | 81   | 80   | 79   | 79   | 79   | 79   | 78   | 78   | 80   | 34                  |
| Precipitaciones             | 0.1  | 0.0  | --   | 0.0  | 0.0  | 0.5  | 0.5  | 0.6  | 0.3  | 0.1  | 0.0  | 0.0  | 2.1  | 48                  |



Iquique 2

L O S C O N D O R E S

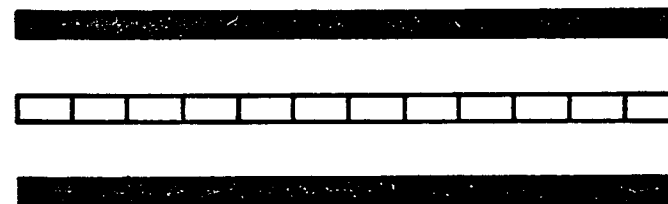
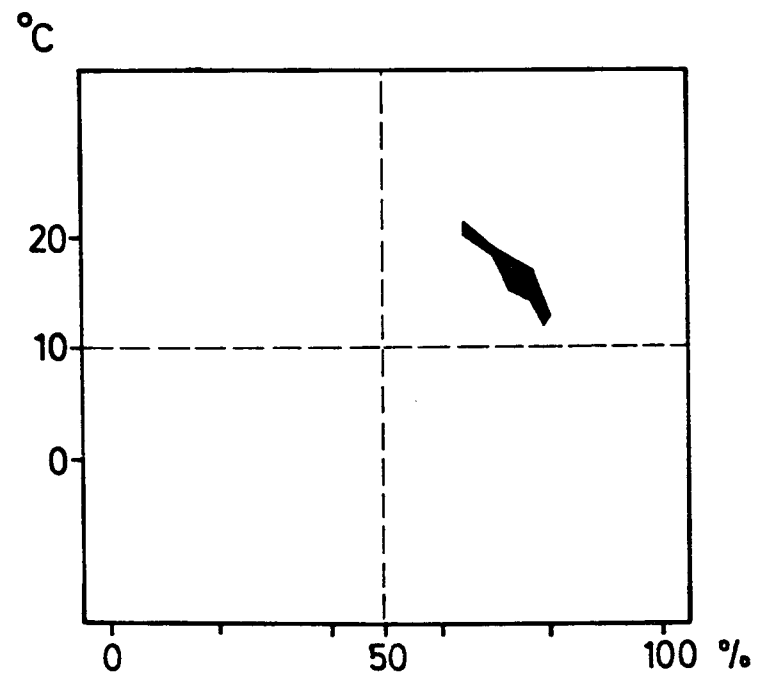
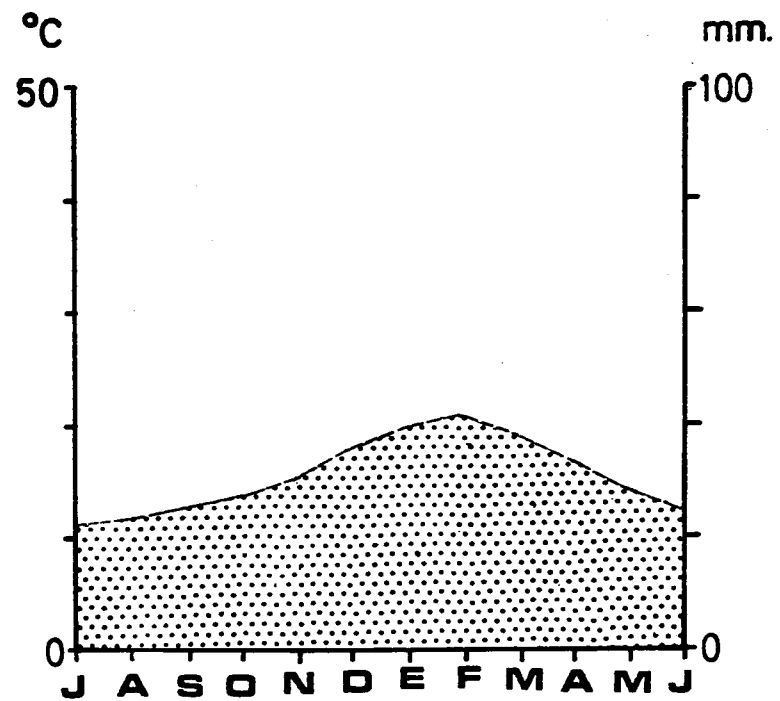
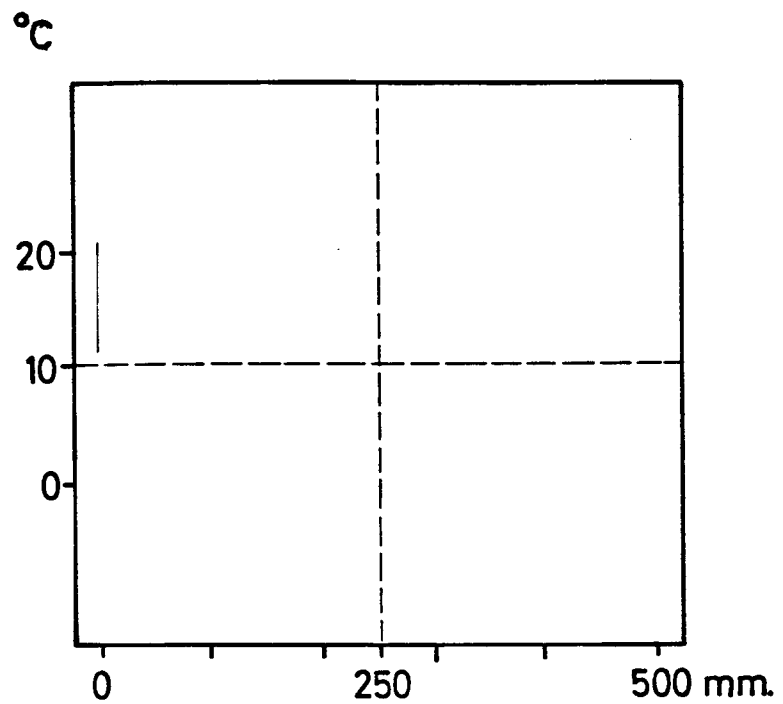
3.

LATITUD 20 ° 15 ' S

LONGITUD 70 ° 07 ' W

ALTITUD 518 m

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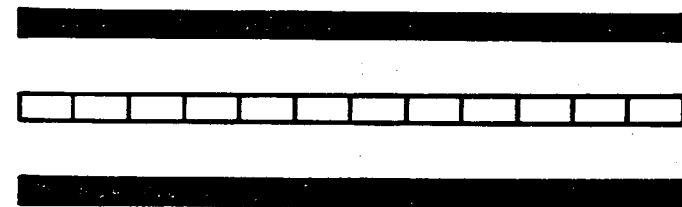
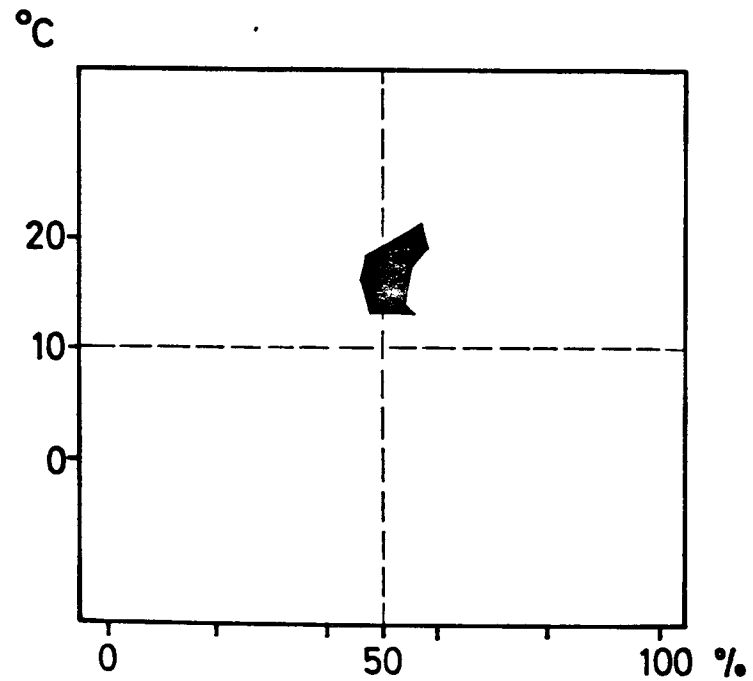
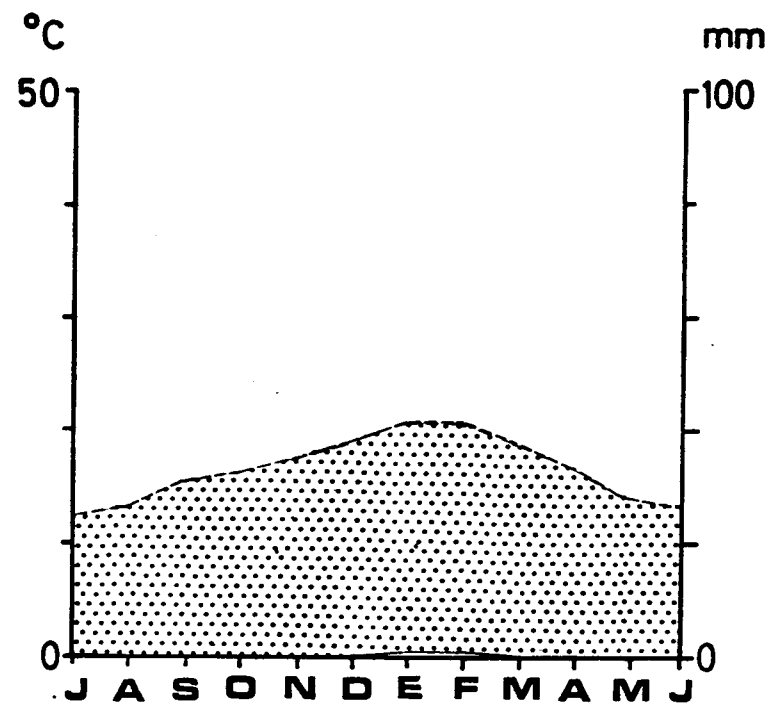
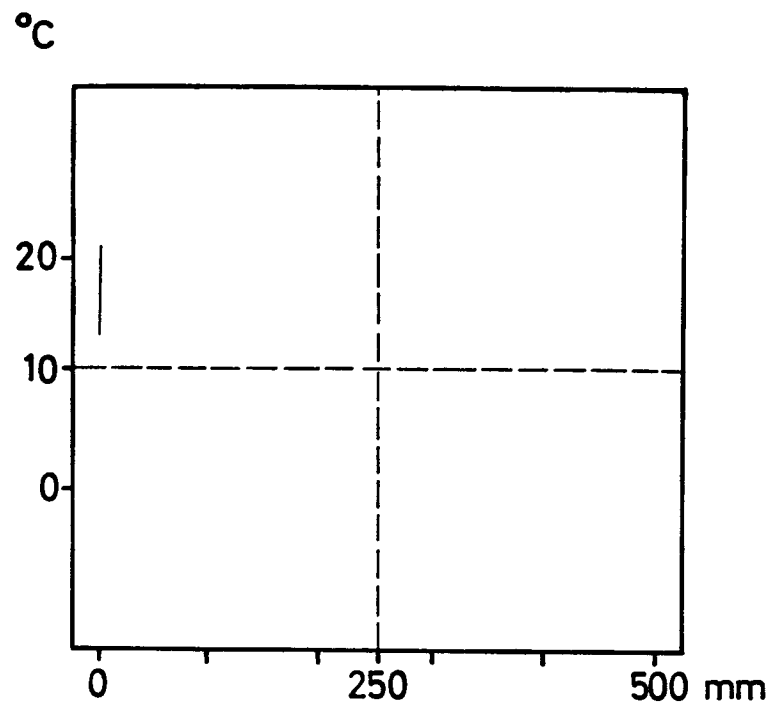


C A N C H O N E S

4 .

LATITUD 20 ° 25 ' S  
LONGITUD 69 ° 35 ' W  
ALTITUD 960 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 31.8 | 32.2 | 32.0 | 31.1 | 29.9 | 28.3 | 29.0 | 30.1 | 31.3 | 31.3 | 31.8 | 31.9 | 30.9 | 7                   |
| Temperatura<br>media        | 21.0 | 21.0 | 19.3 | 17.0 | 14.4 | 12.9 | 12.8 | 13.4 | 15.7 | 16.4 | 17.6 | 19.2 | 16.7 | 7                   |
| Temperatura<br>mínima media | 11.5 | 11.3 | 8.2  | 5.4  | 2.0  | 0.0  | -0.2 | -0.5 | 2.3  | 3.2  | 4.5  | 7.0  | 4.6  | 7                   |
| Humedad relativa            | 57   | 57   | 58   | 55   | 54   | 55   | 51   | 48   | 46   | 46   | 47   | 50   | 52   | 4                   |
| Precipitaciones             | 0.3  | 0.3  | --   | --   | --   | --   | 0.1  | --   | --   | --   | --   | --   | 0.7  | 7                   |



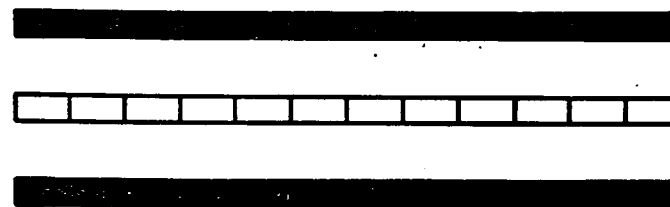
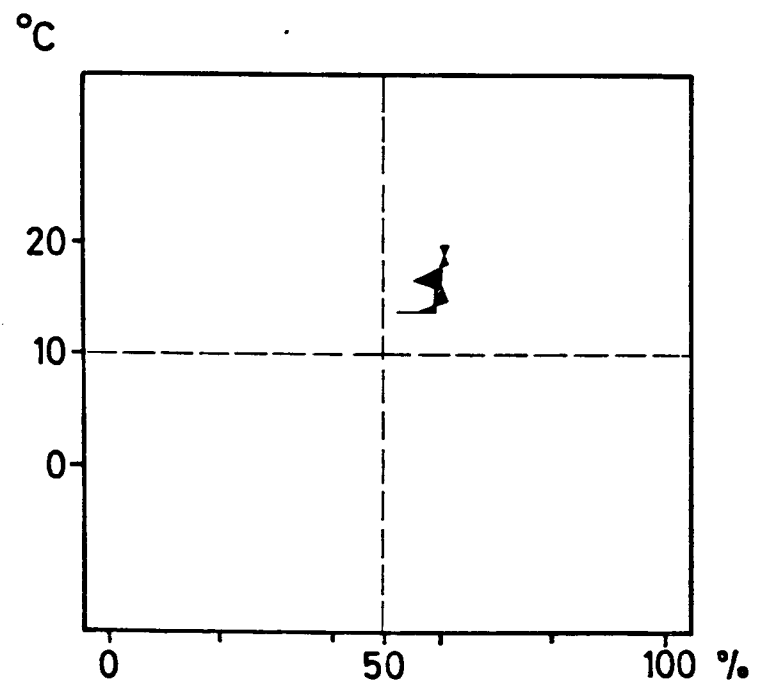
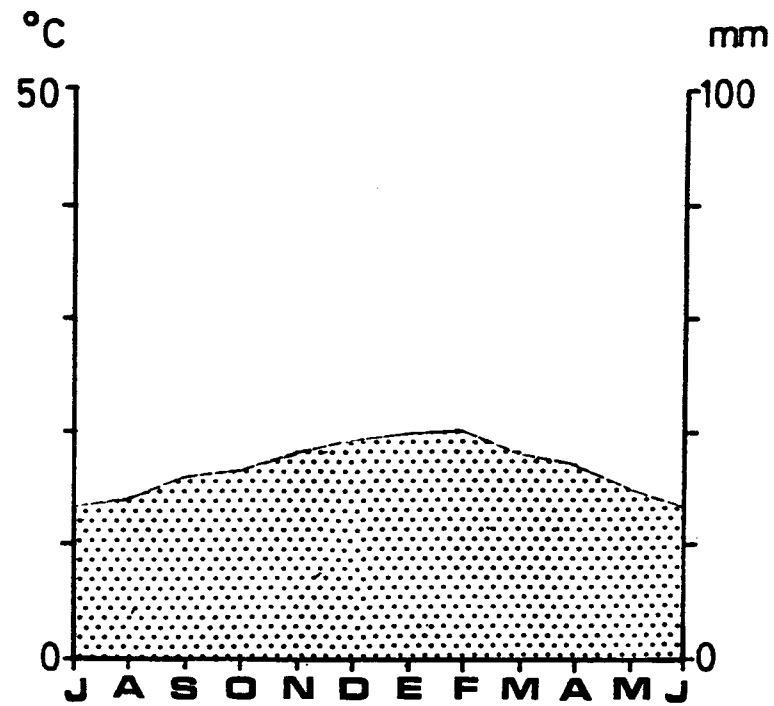
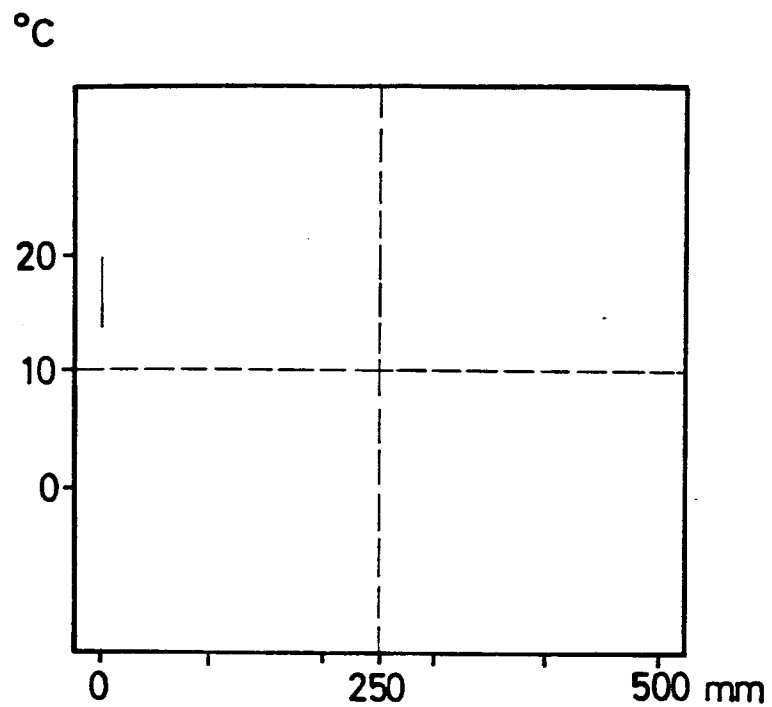
Canchones 4

C O L O N I A      P I N T A D O S

5 .

LATITUD 20 ° 37 ' S  
LONGITUD 69 ° 39 ' W  
ALTITUD 977 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 29.7 | 30.3 | 29.8 | 29.2 | 27.7 | 26.6 | 26.2 | 28.7 | 29.3 | 28.1 | 29.8 | 29.5 | 28.7 | 7                   |
| Temperatura<br>media        | 19.8 | 20.1 | 18.1 | 17.2 | 15.0 | 13.6 | 13.6 | 14.1 | 15.7 | 16.5 | 17.4 | 18.5 | 16.7 | 7                   |
| Temperatura<br>mínima media | 11.1 | 11.8 | 9.7  | 6.9  | 3.9  | 2.1  | 1.8  | 1.8  | 4.0  | 4.6  | 5.4  | 8.2  | 5.9  | 7                   |
| Humedad relativa            | 60   | 61   | 60   | 60   | 61   | 56   | 52   | 59   | 59   | 58   | 55   | 61   | 59   | 3                   |
| Precipitaciones             | --   | 0.1  | --   | --   | --   | 0.1  | --   | 0.1  | --   | --   | --   | --   | 0.3  | 12                  |



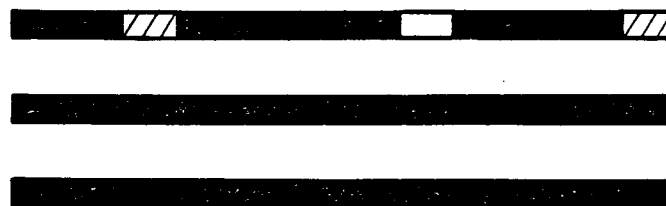
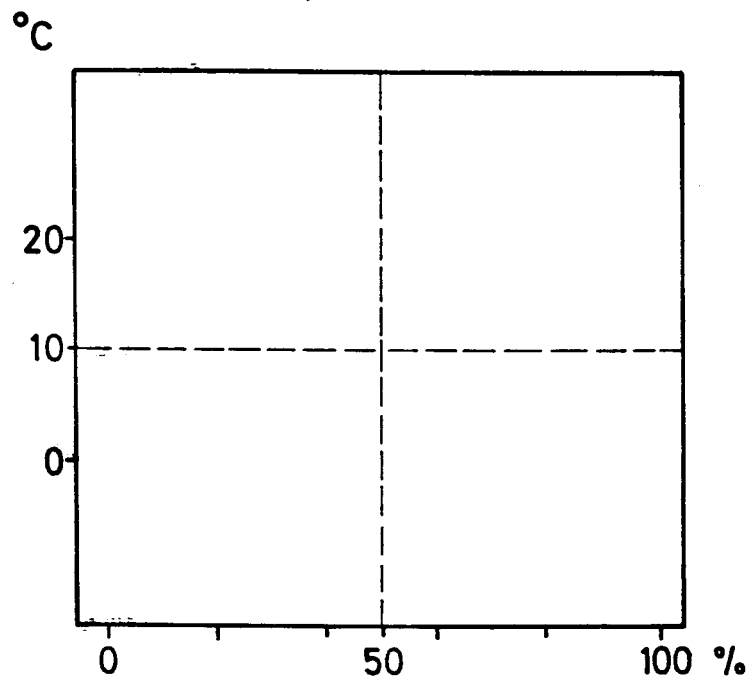
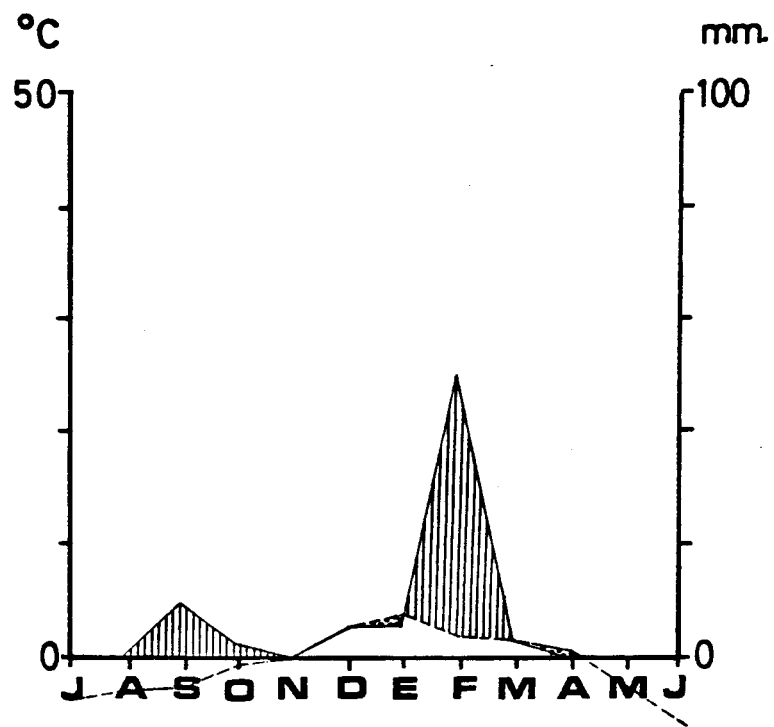
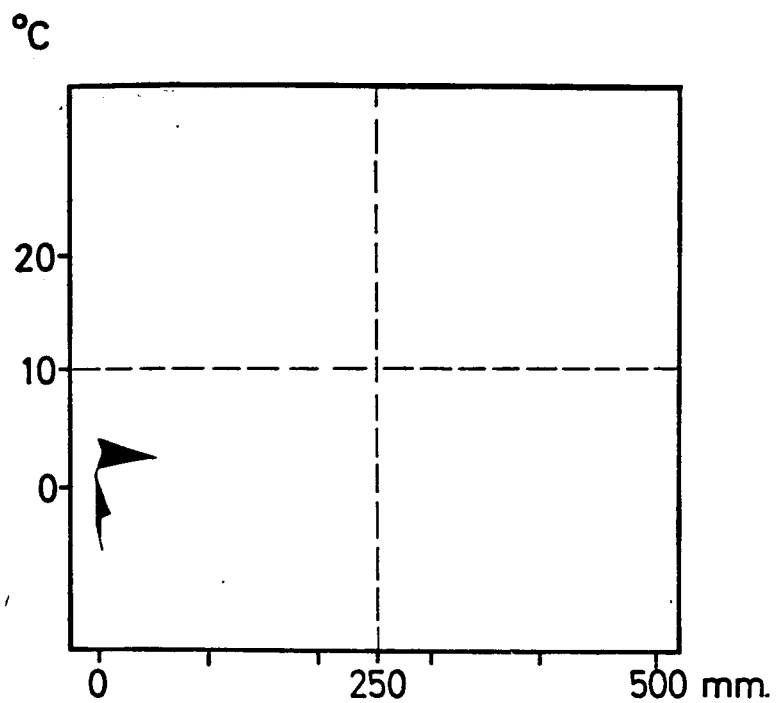
Colonia Pintados **5**

C O L L A H U A S I

6 .

LATITUD 21 ° 00 ' S  
LONGITUD 68 ° 45 ' W  
ALTITUD 4.800 m

|                             | ENE       | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|-----------|------|------|------|------|-------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 12.2      | 8.3  | 9.3  | 9.3  | 5.9  | 1.9   | 3.0  | 3.9  | 4.0  | 7.7  | 9.6  | 10.3 | 7.1  | 1                   |
| Temperatura<br>media        | 3.5       | 1.7  | 1.3  | 0.6  | -2.6 | -5.9  | -4.0 | -3.3 | -2.8 | -0.9 | 0.0  | 2.5  | -0.8 | 1                   |
| Temperatura<br>mínima media | -1.5      | -1.4 | -3.1 | -4.4 | -7.0 | -10.4 | -9.1 | -8.3 | -8.4 | -6.3 | -5.7 | -2.7 | -5.6 | 1                   |
| Humedad relativa            | sin datos |      |      |      |      |       |      |      |      |      |      |      |      |                     |
| Precipitaciones             | 5.5       | 50.1 | 2.5  | --   | --   | 4.5   | --   | --   | 10.0 | 2.5  | --   | 5.0  | 80.1 | 3                   |

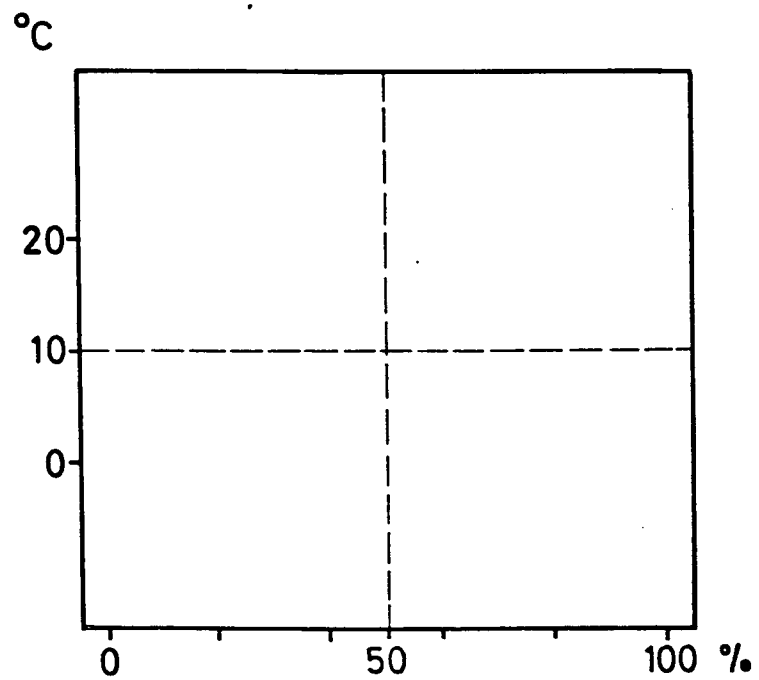
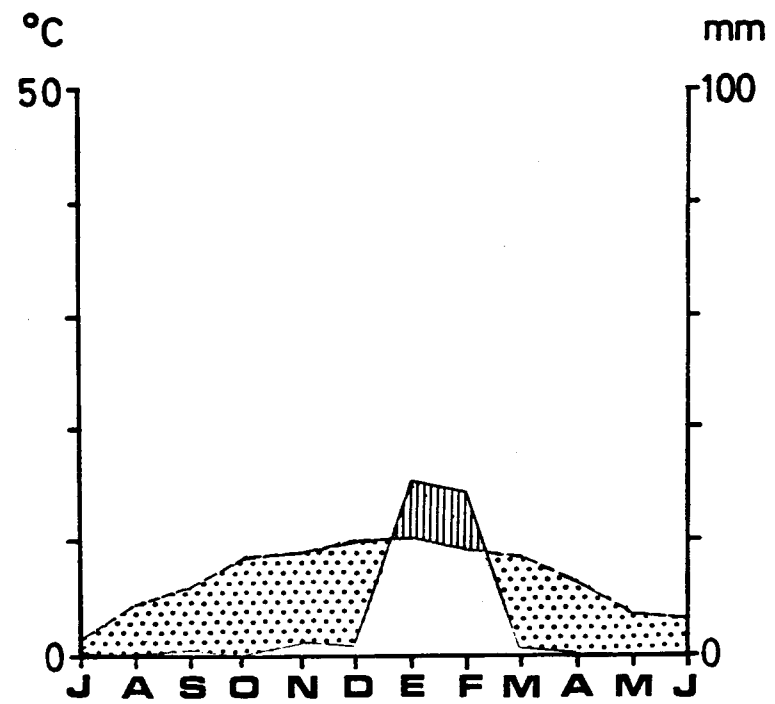
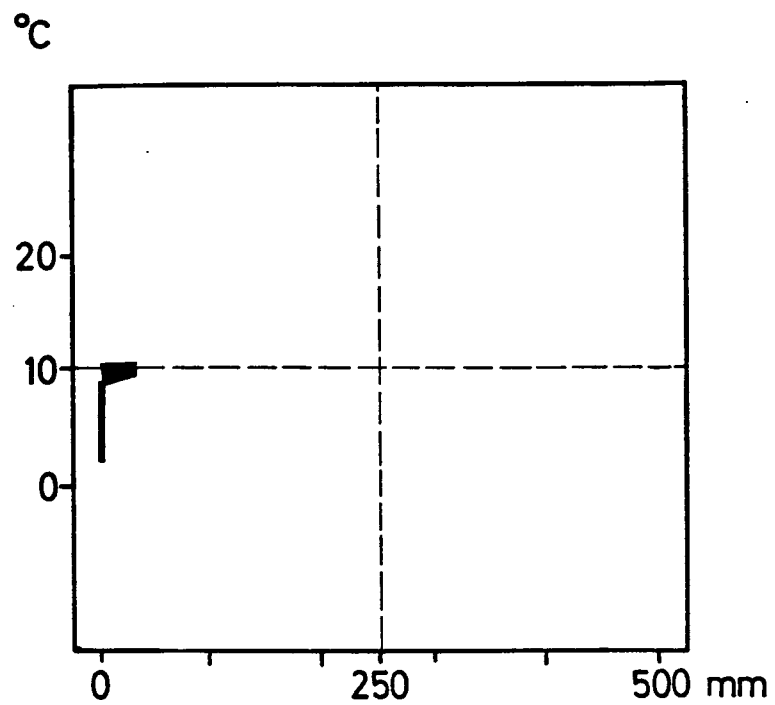


O L L A G U E

7 .

LATITUD 21 ° 13 ' S  
LONGITUD 68 ° 16 ' W  
ALTITUD 3.700 m

|                             | ENE       | FEB  | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC  | Año  | Años<br>observación |
|-----------------------------|-----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---------------------|
| Temperatura<br>máxima media | sin datos |      |     |     |     |     |     |     |     |     |     |      |      |                     |
| Temperatura<br>media        | 10.2      | 9.2  | 8.6 | 6.4 | 3.8 | 2.8 | 1.9 | 4.4 | 5.9 | 8.7 | 8.9 | 10.2 | 6.8  | 7                   |
| Temperatura<br>mínima media | sin datos |      |     |     |     |     |     |     |     |     |     |      |      |                     |
| Humedad relativa            | sin datos |      |     |     |     |     |     |     |     |     |     |      |      |                     |
| Precipitaciones             | 31.8      | 29.6 | 0.8 | --  | --  | --  | --  | 0.3 | 0.5 | 0.0 | 2.4 | 1.8  | 70.6 | 7                   |



C H U Q U I C A M A T A

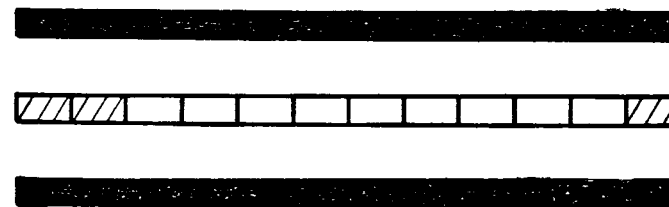
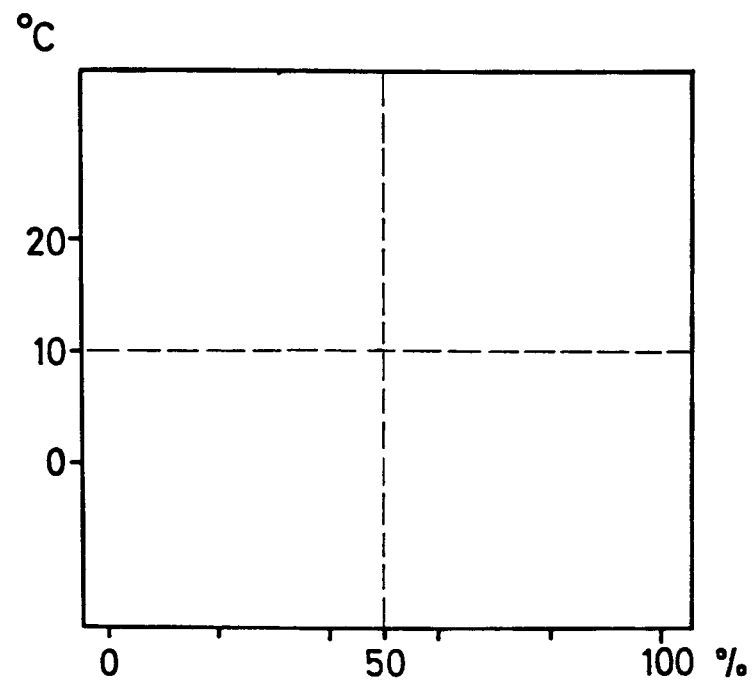
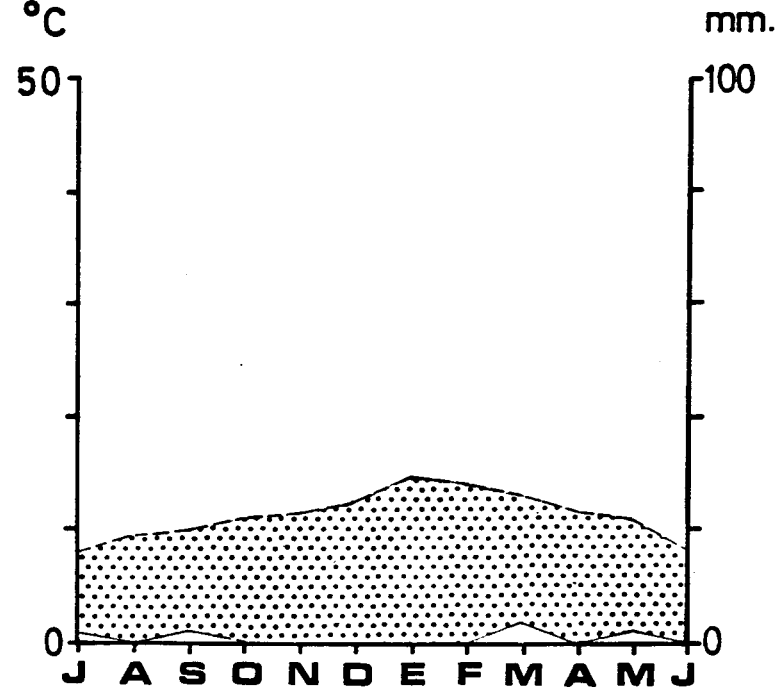
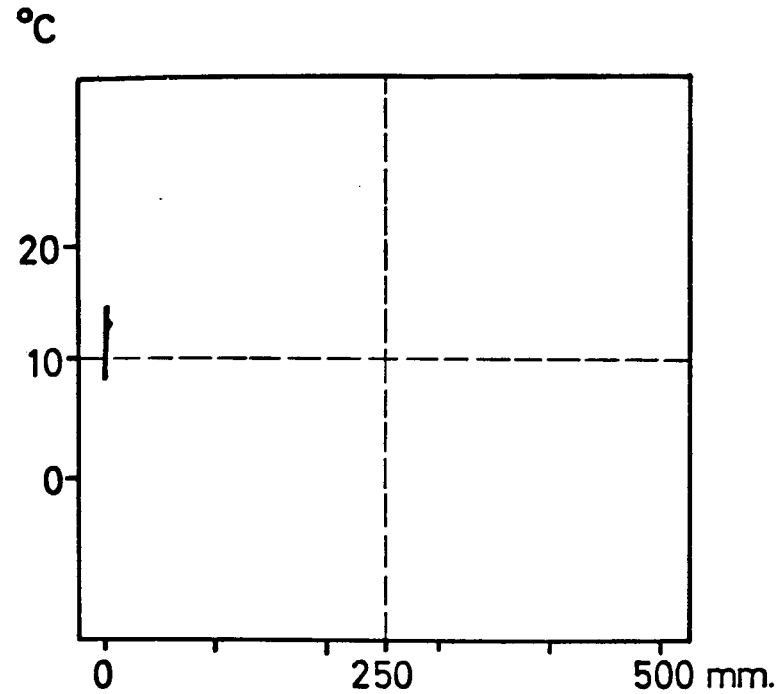
8 .

LATITUD 22 ° 18 ' S

LONGITUD 68 ° 55 ' W

ALTITUD 2.710 m

|                             | ENE       | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 21.7      | 22.6 | 21.8 | 21.6 | 21.1 | 16.8 | 17.6 | 18.6 | 18.4 | 19.8 | 20.3 | 21.2 | 20.1 | 1                   |
| Temperatura<br>media        | 14.7      | 14.2 | 13.2 | 11.8 | 11.0 | 8.2  | 8.2  | 9.5  | 10.1 | 11.1 | 11.3 | 12.7 | 11.3 | 1                   |
| Temperatura<br>mínima media | 7.4       | 6.2  | 4.9  | 2.8  | 2.5  | 1.9  | 0.5  | 1.6  | 1.3  | 1.9  | 1.2  | 3.6  | 3.0  | 1                   |
| Humedad relativa            | sin datos |      |      |      |      |      |      |      |      |      |      |      |      |                     |
| Precipitaciones             | --        | --   | 3.4  | --   | 1.9  | --   | 1.9  | --   | 1.8  | --   | --   | --   | 9.0  | 4                   |

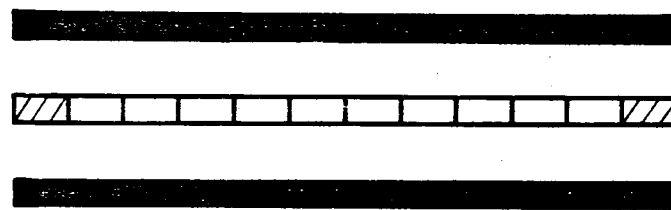
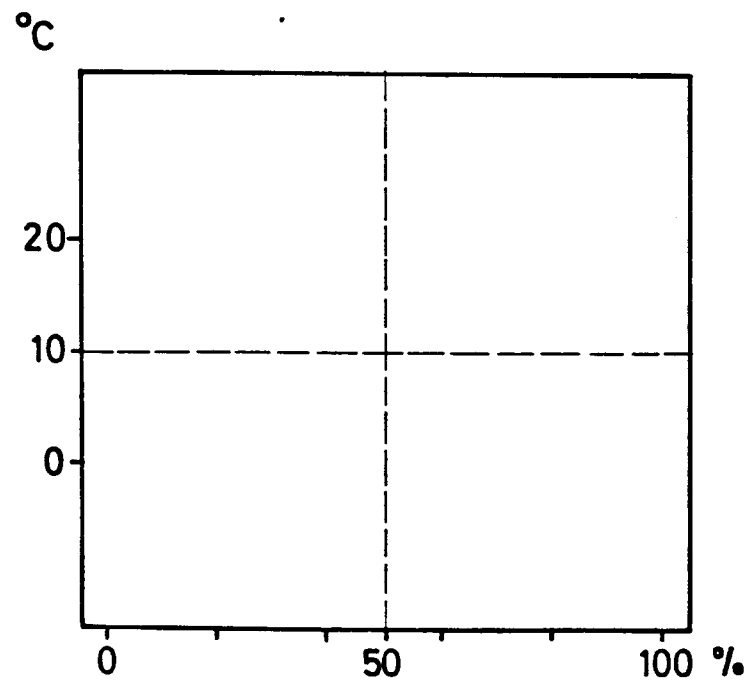
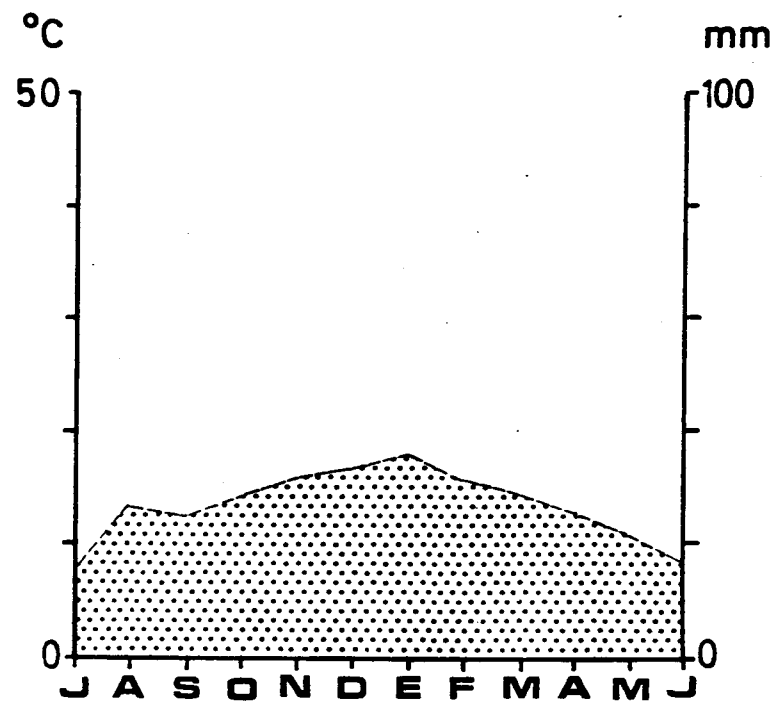
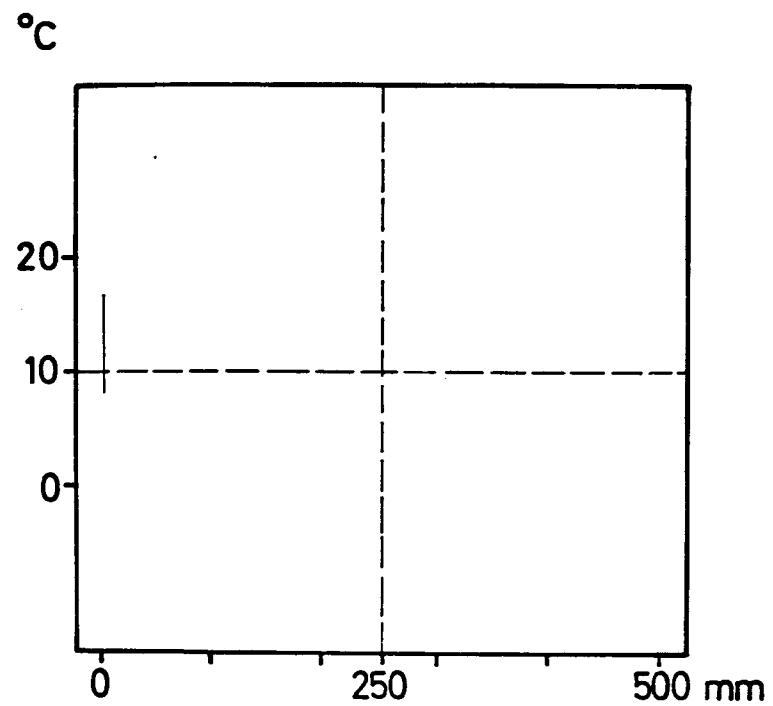


Chuquicamata 8

9.

ALTITUD 2.260 m

[illegible]

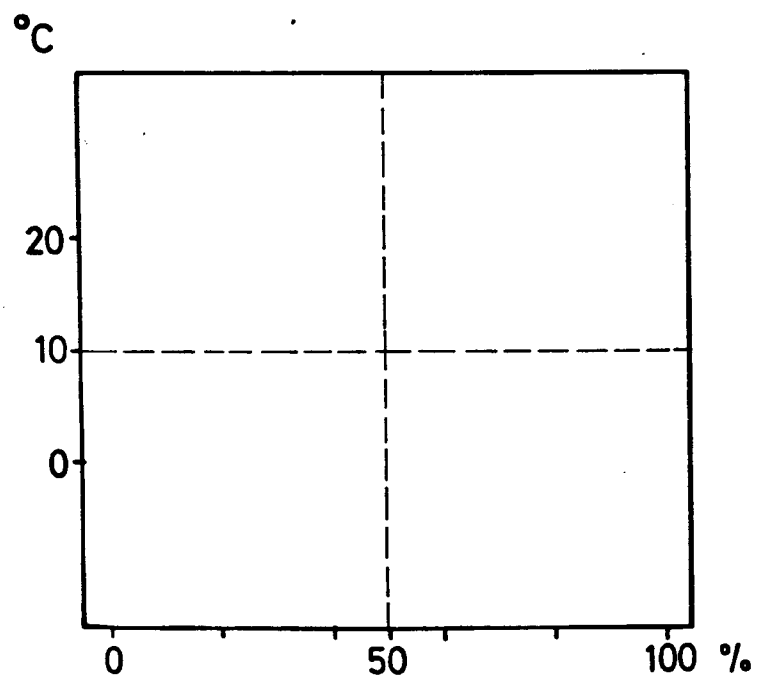
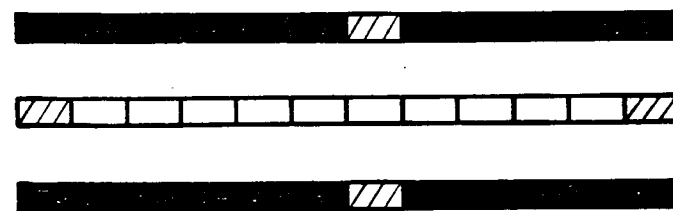
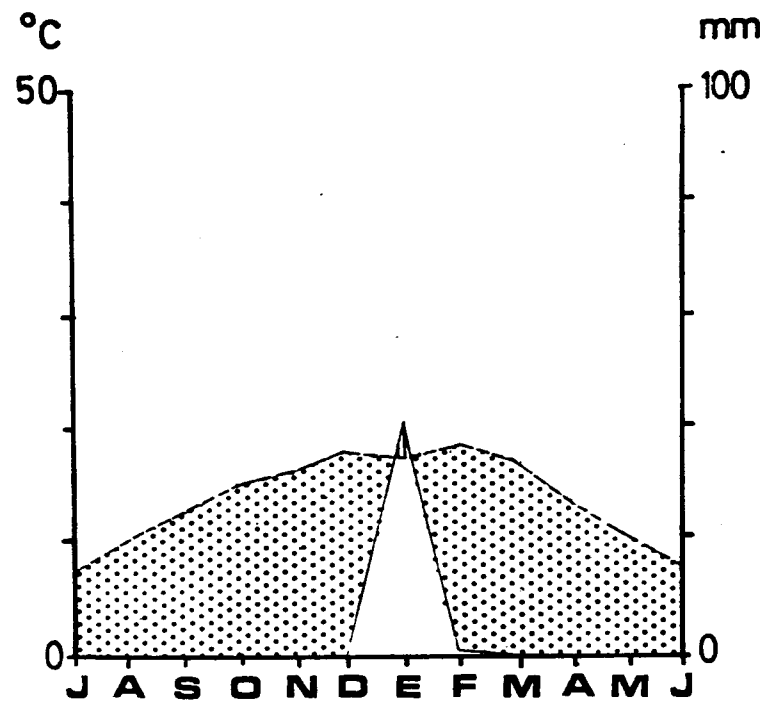
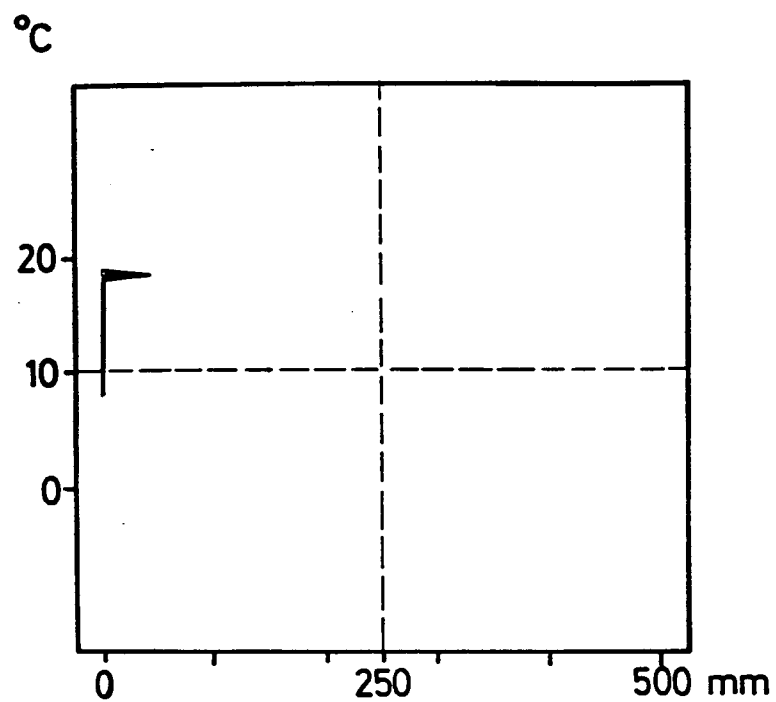


Calama 9

10 .

ALTITUD 2.436 m

[illegible]



San Pedro de Atacama 10

C E R R O M O R E N O (ANTOFAGASTA)

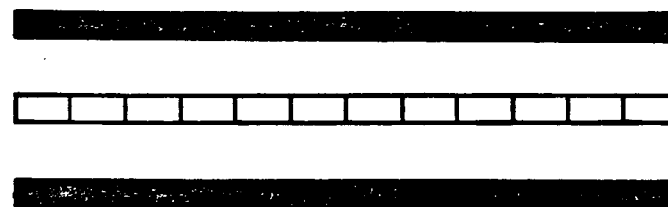
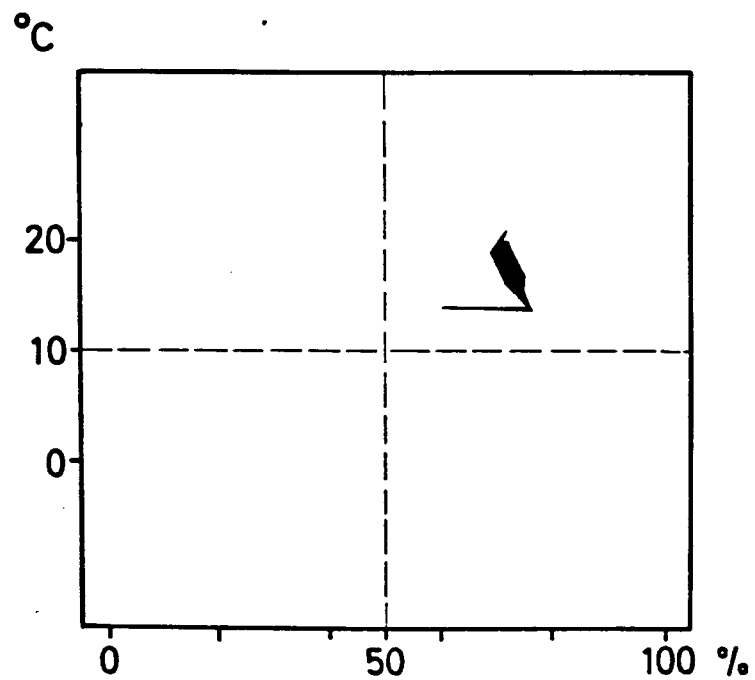
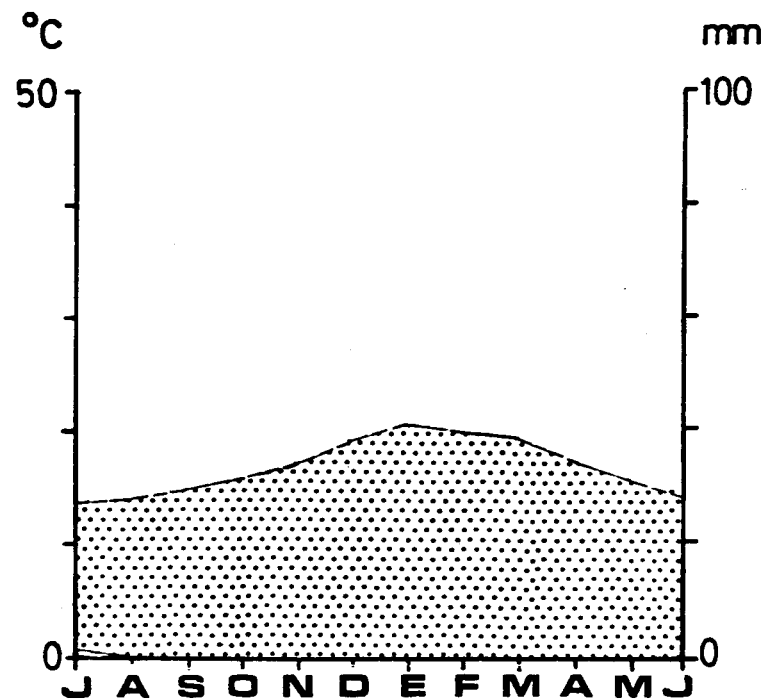
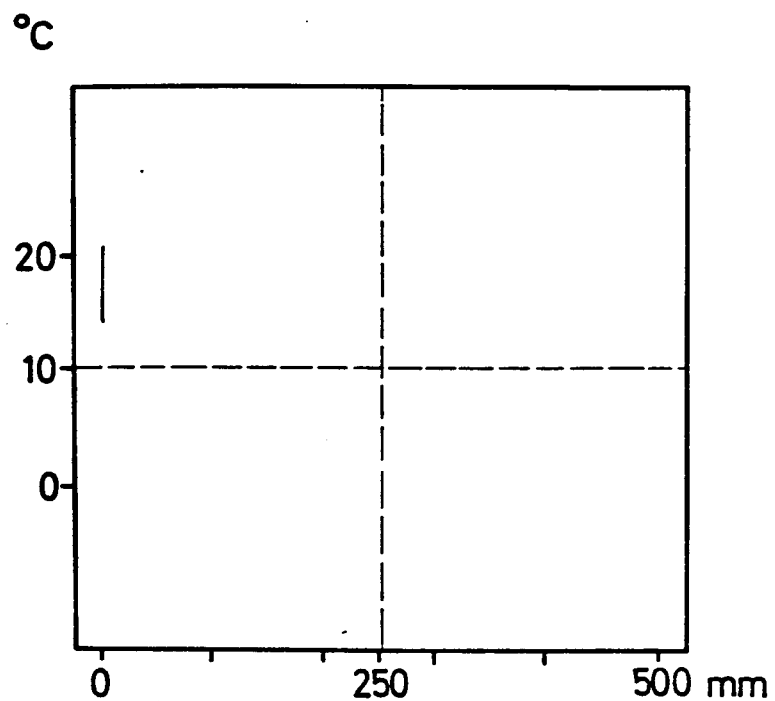
11 .

LATITUD 23 ° 29 ' S

LONGITUD 70 ° 26 ' W

ALTITUD 119 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 24.0 | 24.5 | 23.2 | 20.8 | 18.8 | 16.9 | 16.9 | 16.8 | 17.8 | 18.8 | 20.5 | 22.3 | 20.1 | 7                   |
| Temperatura<br>media        | 20.7 | 20.2 | 19.7 | 17.3 | 15.7 | 14.2 | 13.9 | 14.1 | 14.9 | 15.9 | 17.4 | 19.4 | 17.0 | 7                   |
| Temperatura<br>mínima media | 16.2 | 16.8 | 15.5 | 13.2 | 12.1 | 11.1 | 9.6  | 11.0 | 11.9 | 12.8 | 14.3 | 15.6 | 13.3 | 7                   |
| Humedad relativa            | 72   | 71   | 72   | 75   | 75   | 76   | 60   | 76   | 74   | 72   | 71   | 69   | 72   | 7                   |
| Precipitaciones             | --   | --   | --   | --   | --   | 0.4  | 1.2  | 0.3  | 0.3  | 0.0  | --   | --   | 2.2  | 7                   |



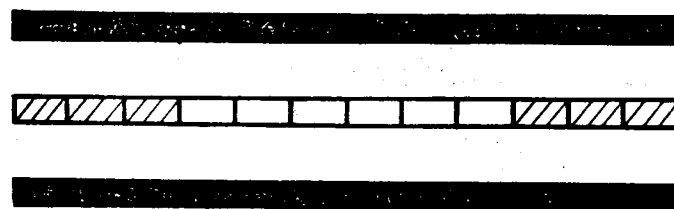
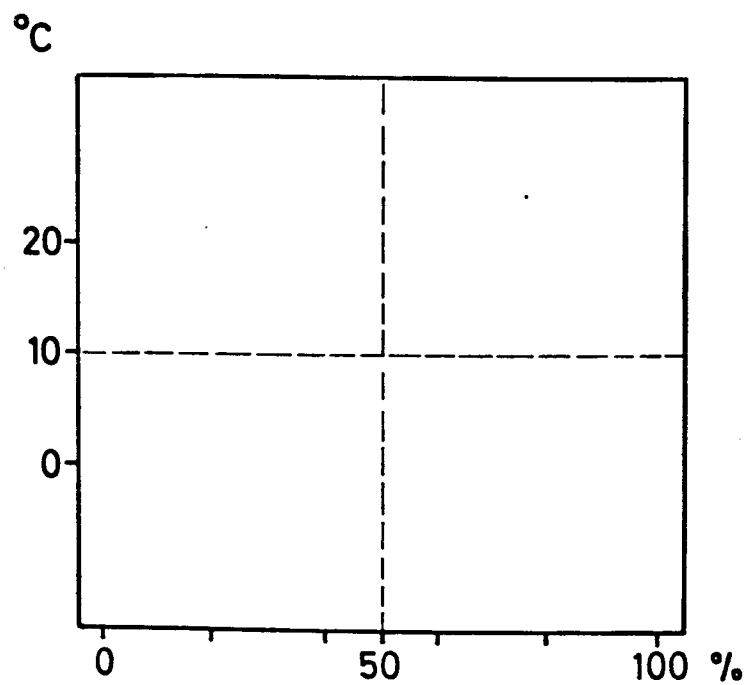
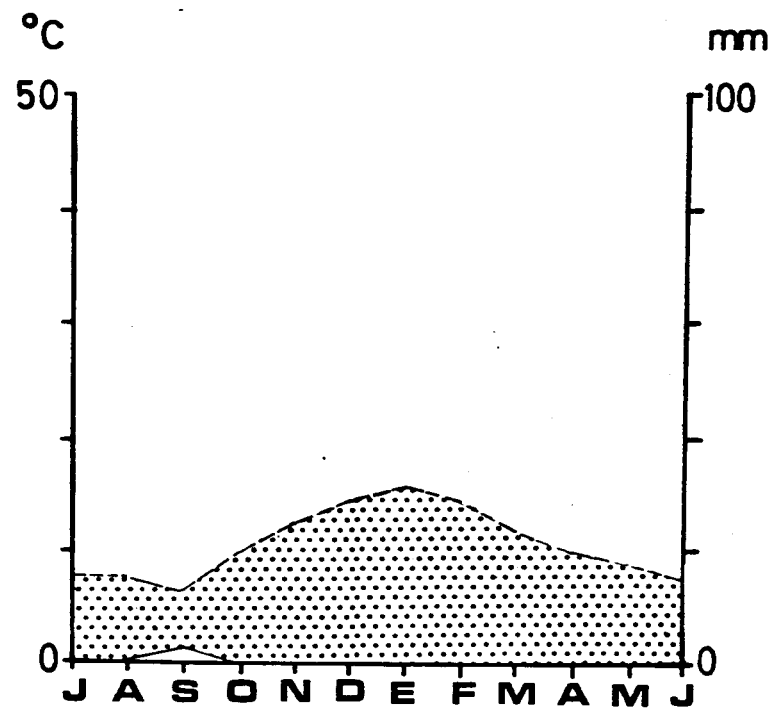
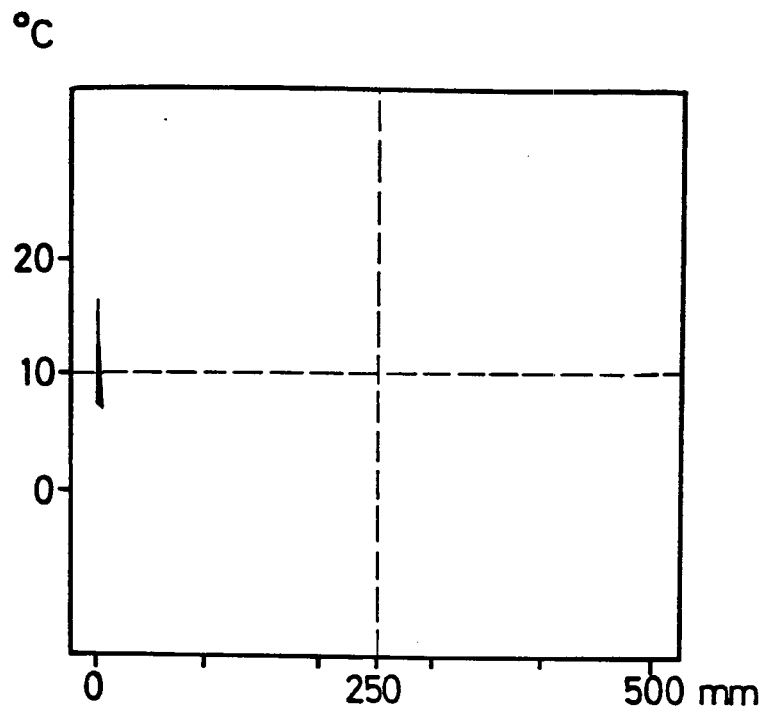
Cerro Moreno (Antofagasta)

C A C H I N A L

12 .

LATITUD 24 ° 58 ' S  
LONGITUD 69 ° 34 ' W  
ALTITUD 2.700 m

|                             | ENE       | FEB  | MAR  | ABR | MAY | JUN | JUL | AGO | SEP | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|-----------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|---------------------|
| Temperatura<br>máxima media | sin datos |      |      |     |     |     |     |     |     |      |      |      |      |                     |
| Temperatura<br>media        | 15.7      | 14.7 | 12.0 | 9.9 | 9.2 | 7.5 | 8.2 | 8.0 | 6.7 | 10.0 | 12.7 | 14.7 | 10.8 | 1                   |
| Temperatura<br>mínima media | sin datos |      |      |     |     |     |     |     |     |      |      |      |      |                     |
| Humedad relativa            | sin datos |      |      |     |     |     |     |     |     |      |      |      |      |                     |
| Precipitaciones             | --        | --   | --   | --  | --  | --  | --  | --  | 2.6 | 0.3  | --   | --   | 2.9  | 1                   |

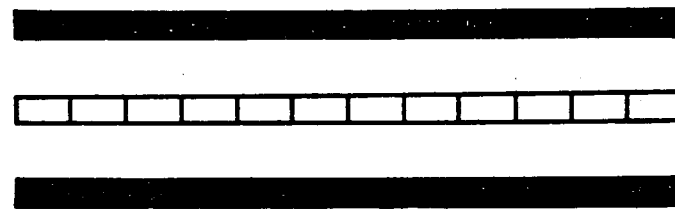
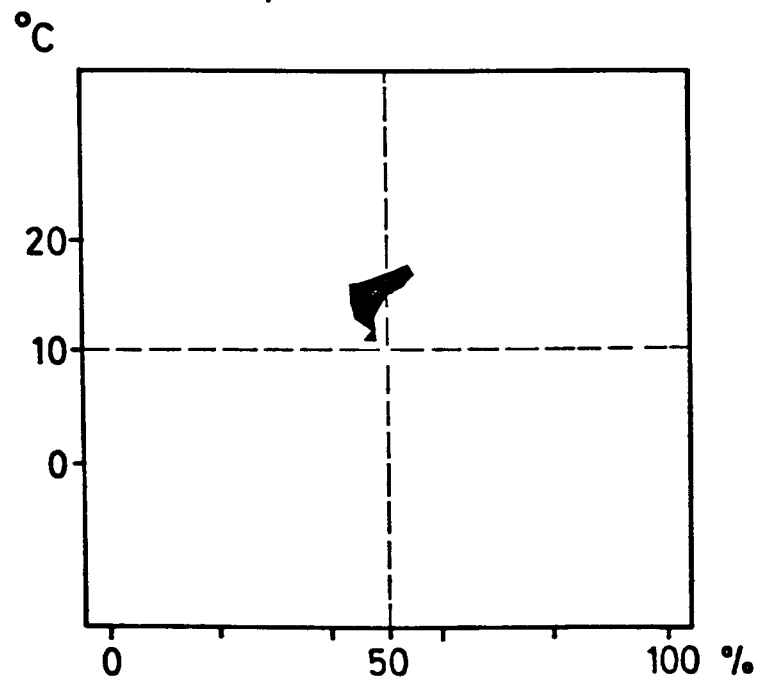
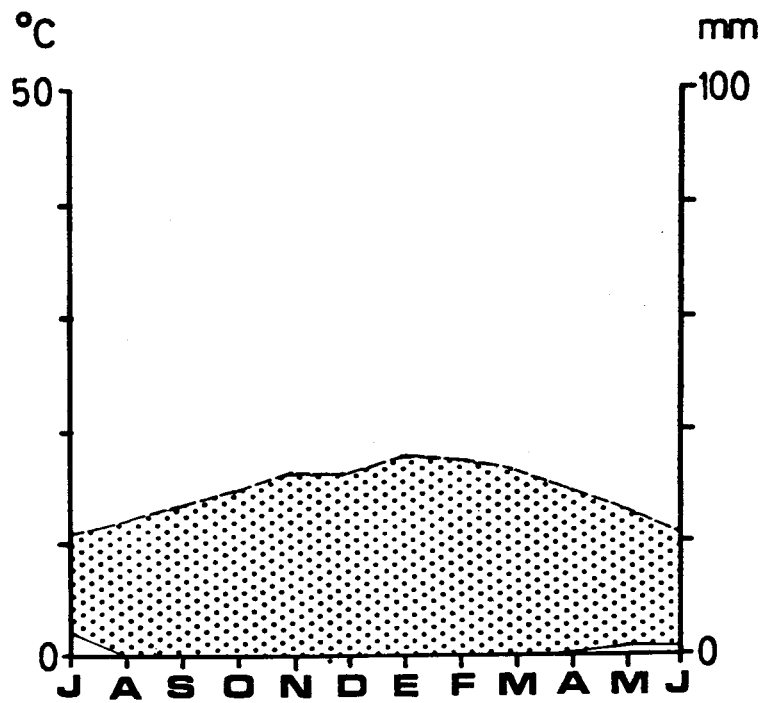
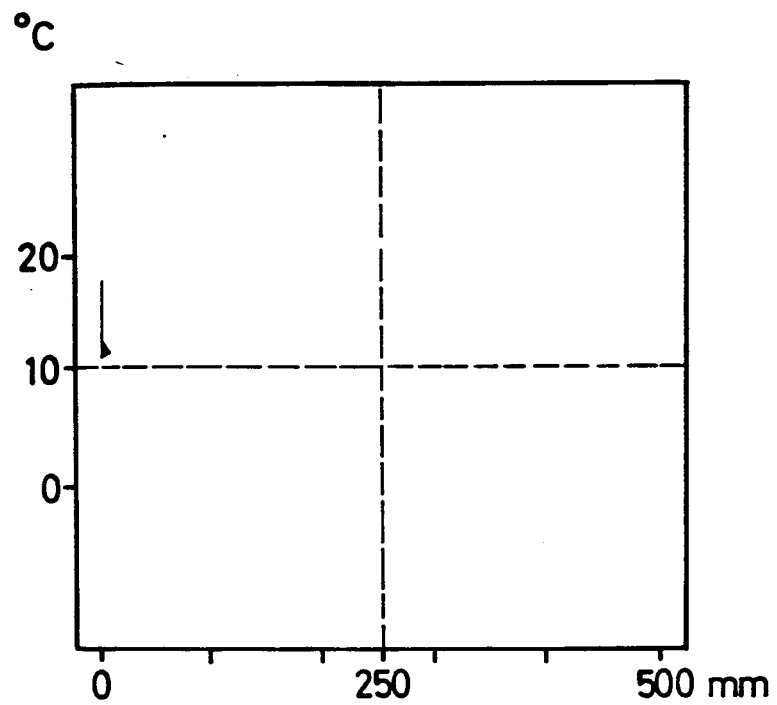


R E F R E S C O

13 .

LATITUD 25 ° 19 ' S  
LONGITUD 69 ° 52 ' W  
ALTITUD 1.850 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 27.4 | 27.5 | 27.7 | 27.2 | 25.1 | 23.3 | 23.7 | 24.8 | 26.8 | 26.9 | 27.6 | 27.5 | 26.3 | 19                  |
| Temperatura<br>media        | 17.5 | 17.2 | 16.3 | 14.7 | 12.9 | 10.8 | 11.1 | 12.0 | 13.4 | 14.6 | 16.2 | 16.0 | 14.4 | 19                  |
| Temperatura<br>mínima media | 7.3  | 7.1  | 7.3  | 7.0  | 5.4  | 4.1  | 4.3  | 4.7  | 5.3  | 6.0  | 6.5  | 7.0  | 6.0  | 19                  |
| Humedad relativa            | 54   | 55   | 53   | 50   | 48   | 48   | 46   | 48   | 45   | 44   | 44   | 45   | 48   | 13                  |
| Precipitaciones             | --   | 0.3  | 0.2  | --   | 1.7  | 1.7  | 4.4  | 0.2  | --   | 0.7  | --   | --   | 9.2  | 19                  |



T A L T A L

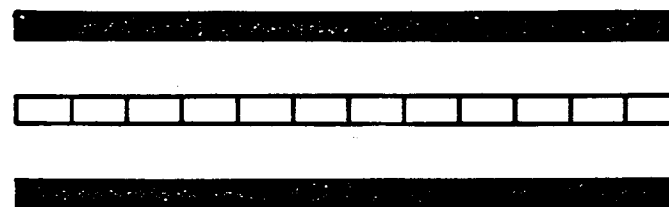
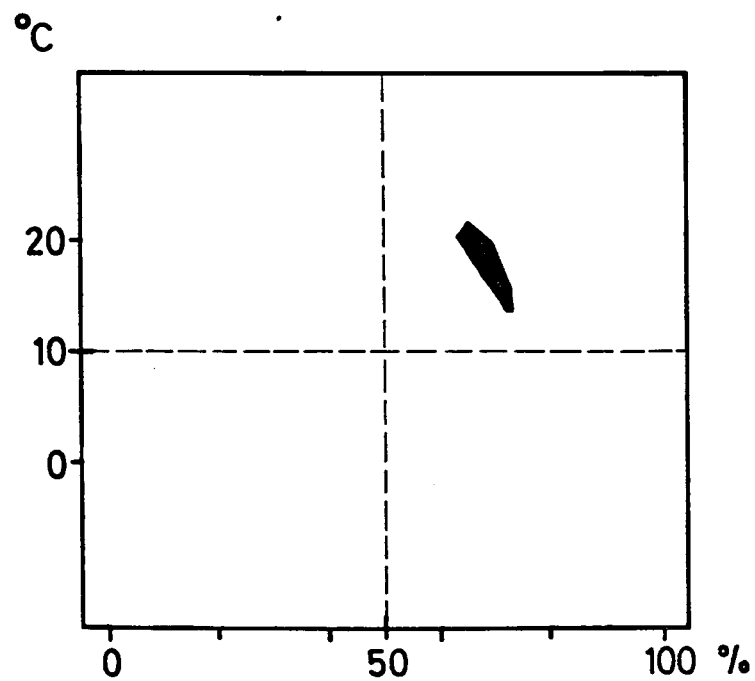
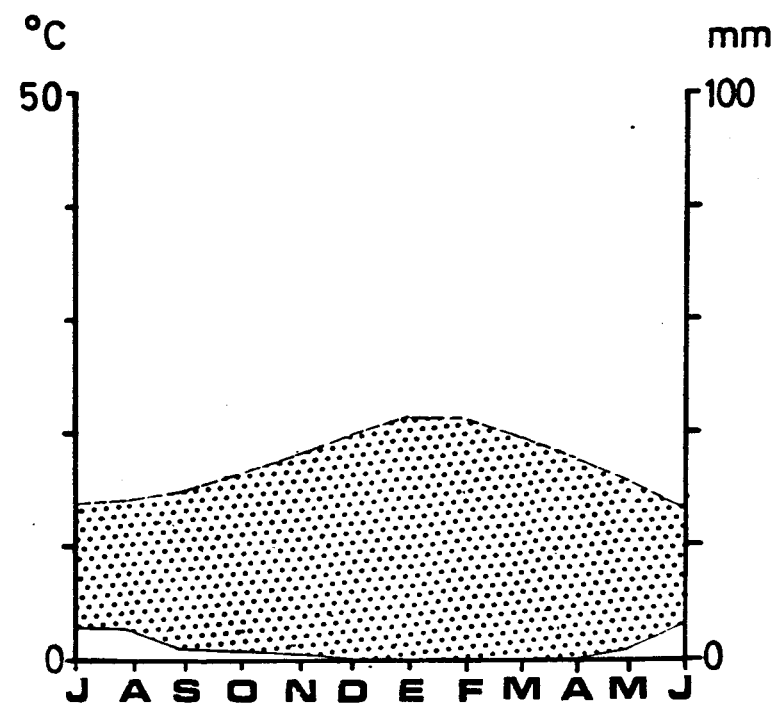
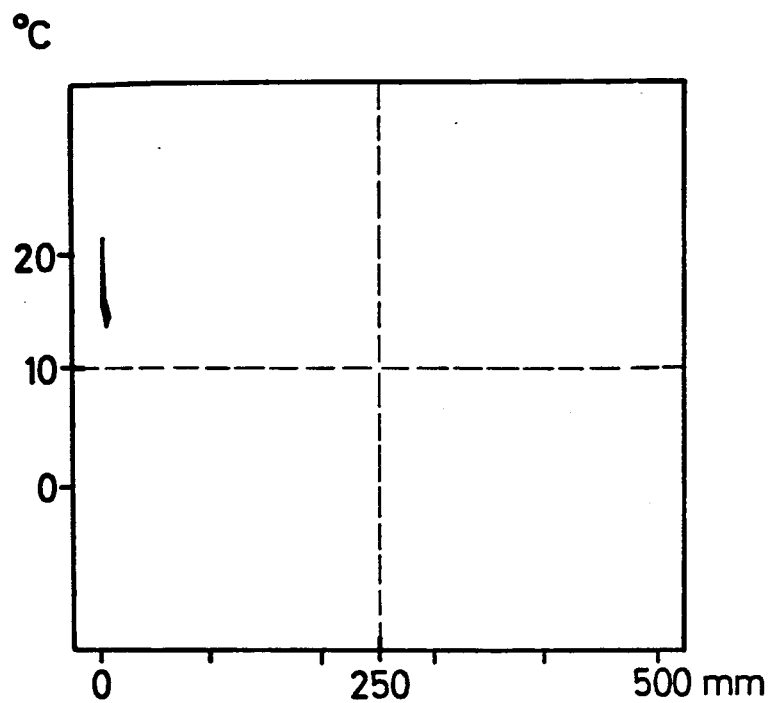
14 .

LATITUD 25 ° 25 ' S

LONGITUD 70 ° 34 ' W

ALTITUD 39 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 27.2 | 27.3 | 25.3 | 22.3 | 19.7 | 17.8 | 17.3 | 17.7 | 19.3 | 21.1 | 23.4 | 25.9 | 22.0 | 16                  |
| Temperatura<br>media        | 21.5 | 21.4 | 20.0 | 17.9 | 16.1 | 14.4 | 13.9 | 14.2 | 15.0 | 16.4 | 18.2 | 20.2 | 17.4 | 16                  |
| Temperatura<br>mínima media | 18.0 | 17.9 | 16.7 | 15.0 | 13.4 | 11.7 | 11.2 | 11.6 | 12.4 | 13.7 | 15.2 | 16.9 | 14.5 | 16                  |
| Humedad relativa            | 65   | 66   | 69   | 71   | 72   | 73   | 73   | 72   | 71   | 69   | 66   | 64   | 69   | 20                  |
| Precipitaciones             | 0.2  | --   | --   | 0.4  | 2.4  | 6.0  | 5.7  | 5.6  | 1.9  | 1.8  | 0.8  | 0.3  | 25.1 | 20                  |



C H A Ñ A R A L

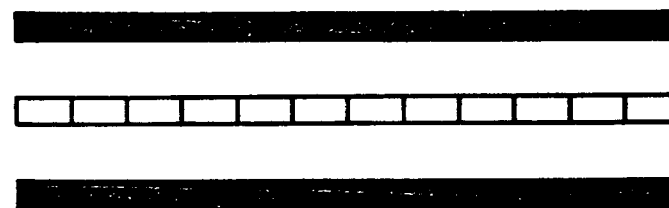
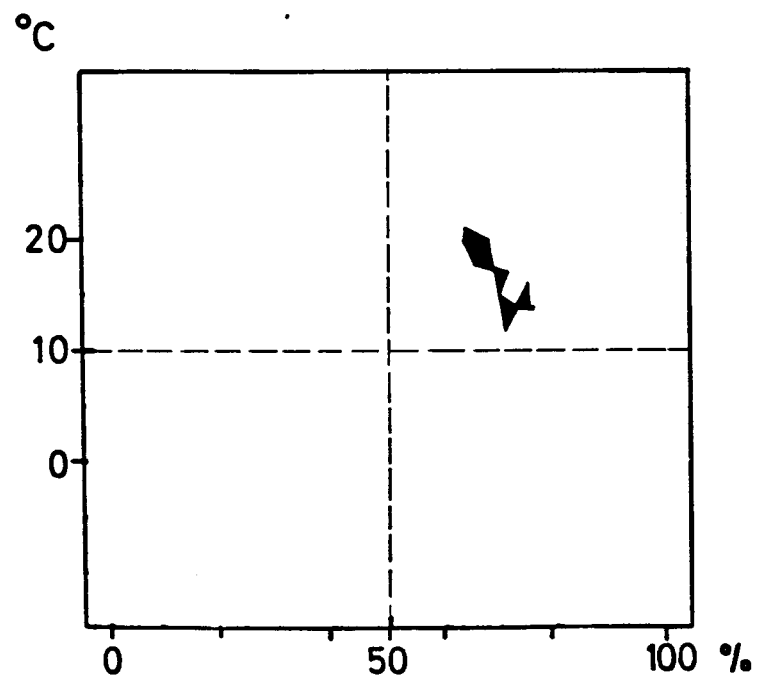
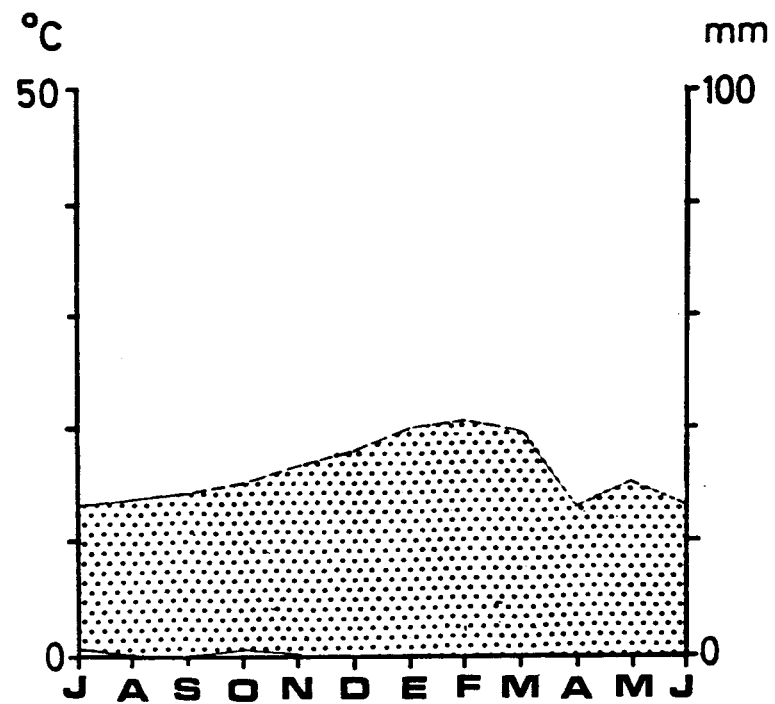
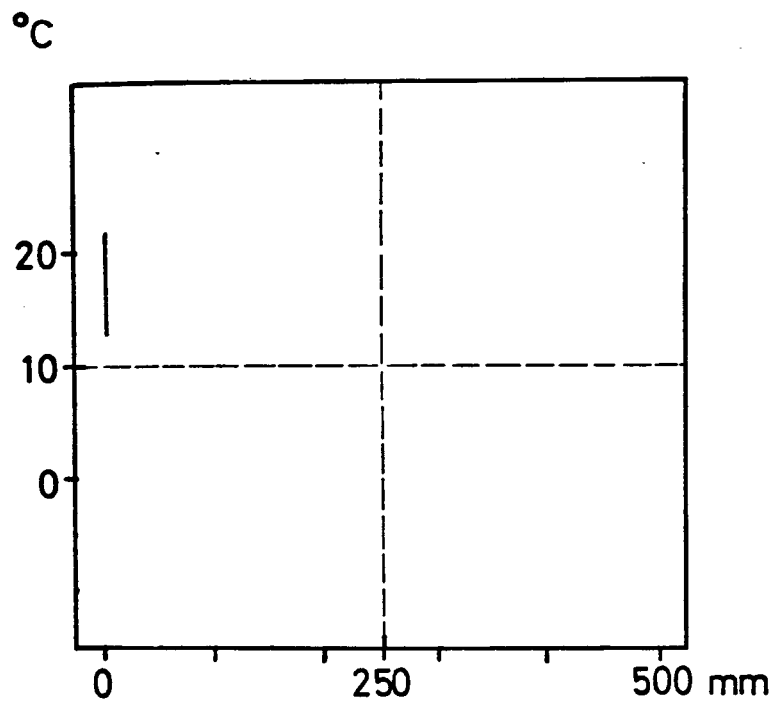
15 .

LATITUD 26 ° 20 ' S

LONGITUD 70 ° 37 ' W

ALTITUD 9 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 22.9 | 23.2 | 22.5 | 20.3 | 18.4 | 16.3 | 16.3 | 16.4 | 16.7 | 18.1 | 19.5 | 21.3 | 19.3 | 7                   |
| Temperatura<br>media        | 20.4 | 20.8 | 20.0 | 13.4 | 15.6 | 13.6 | 13.6 | 14.0 | 14.4 | 15.4 | 17.1 | 18.3 | 16.4 | 7                   |
| Temperatura<br>mínima media | 15.6 | 16.2 | 14.8 | 12.9 | 9.7  | 8.8  | 8.8  | 9.4  | 10.2 | 11.4 | 13.1 | 15.1 | 12.2 | 7                   |
| Humedad relativa            | 64   | 64   | 68   | 71   | 75   | 75   | 75   | 76   | 72   | 70   | 67   | 66   | 70   | 7                   |
| Precipitaciones             | --   | --   | --   | --   | 0.0  | --   | 1.1  | 0.0  | --   | 0.6  | --   | --   | 1.7  | 7                   |



Chañaral 15

P O T R E R I L L O S

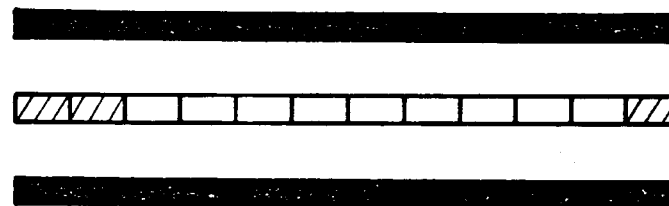
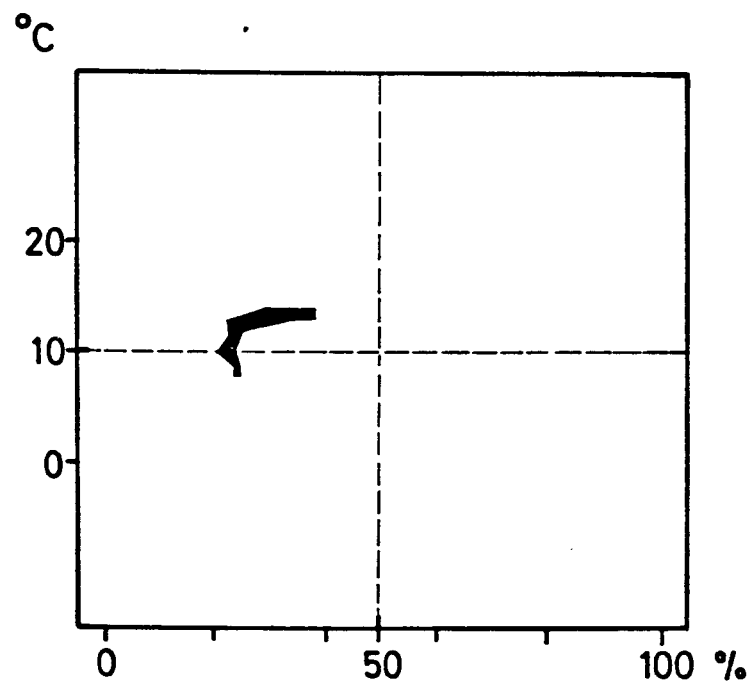
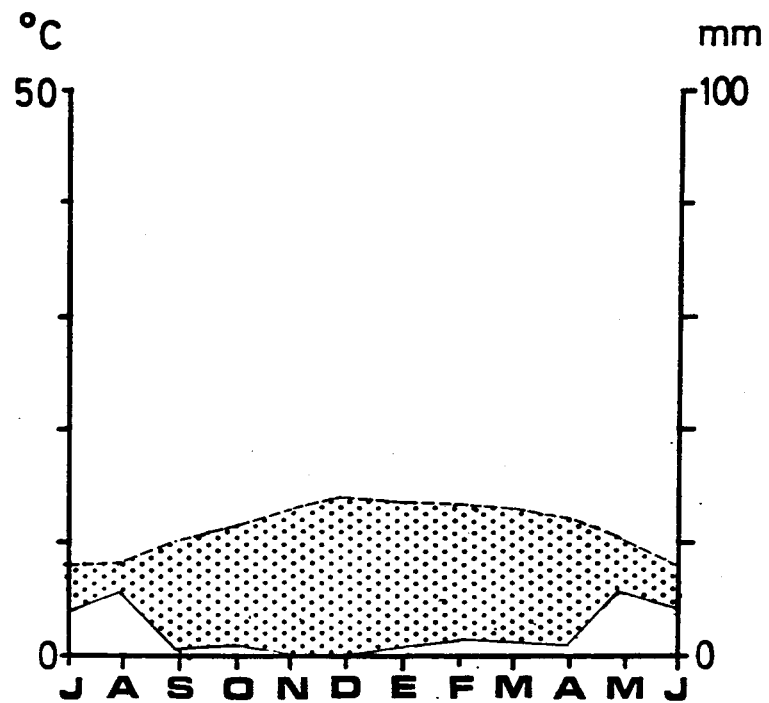
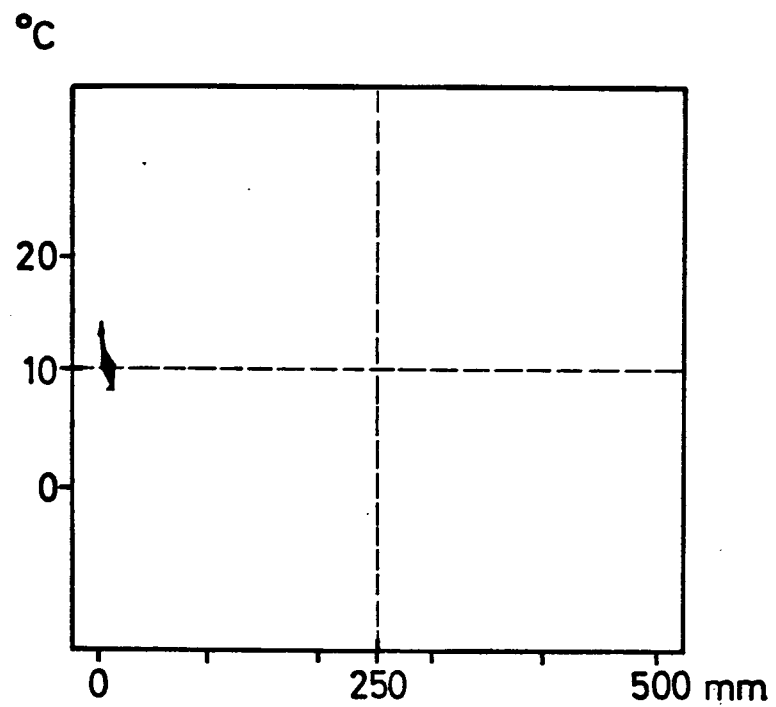
16 .

LATITUD 26 ° 30 ' S

LONGITUD 69 ° 27 ' W

ALTITUD 2.850 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 18.7 | 18.7 | 18.4 | 17.6 | 15.7 | 13.2 | 13.8 | 14.3 | 15.7 | 16.5 | 17.7 | 18.5 | 16.6 | 27                  |
| Temperatura<br>media        | 13.6 | 13.4 | 13.1 | 12.1 | 10.0 | 7.7  | 8.2  | 8.5  | 10.0 | 11.5 | 13.1 | 14.0 | 11.3 | 27                  |
| Temperatura<br>mínima media | 9.6  | 9.6  | 9.1  | 8.2  | 6.4  | 4.0  | 4.6  | 4.6  | 5.9  | 7.0  | 8.4  | 9.3  | 7.2  | 27                  |
| Humedad relativa            | 38   | 38   | 35   | 25   | 24   | 25   | 24   | 24   | 21   | 23   | 23   | 29   | 27   | 27                  |
| Precipitaciones             | 1.2  | 2.4  | 2.0  | 1.8  | 11.5 | 11.3 | 8.3  | 11.0 | 1.1  | 1.5  | 0.1  | --   | 52.2 | 40                  |



C A L D E R A

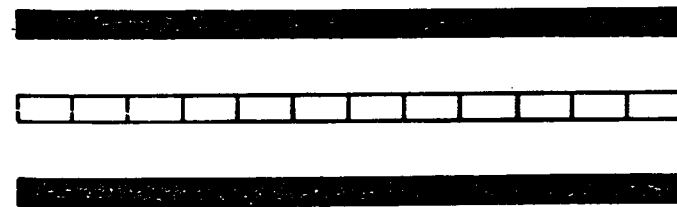
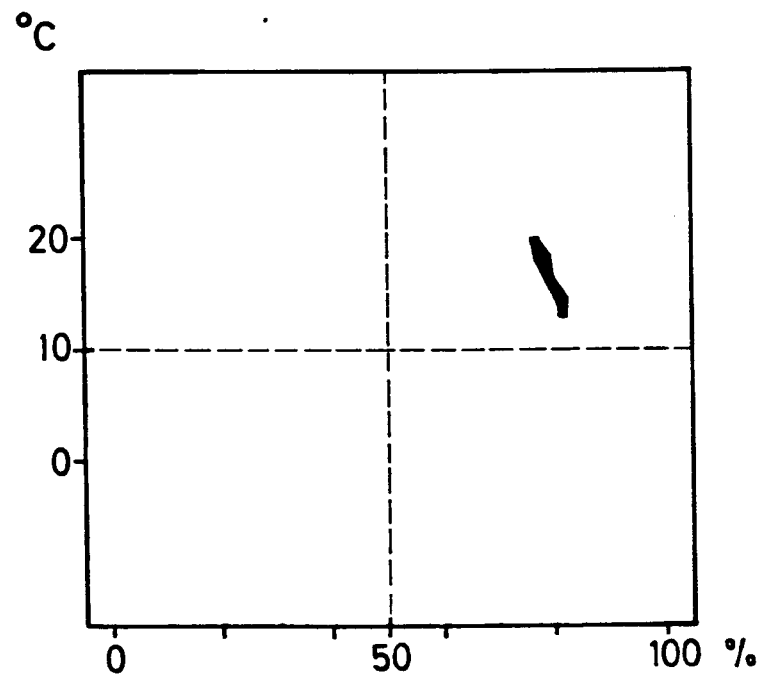
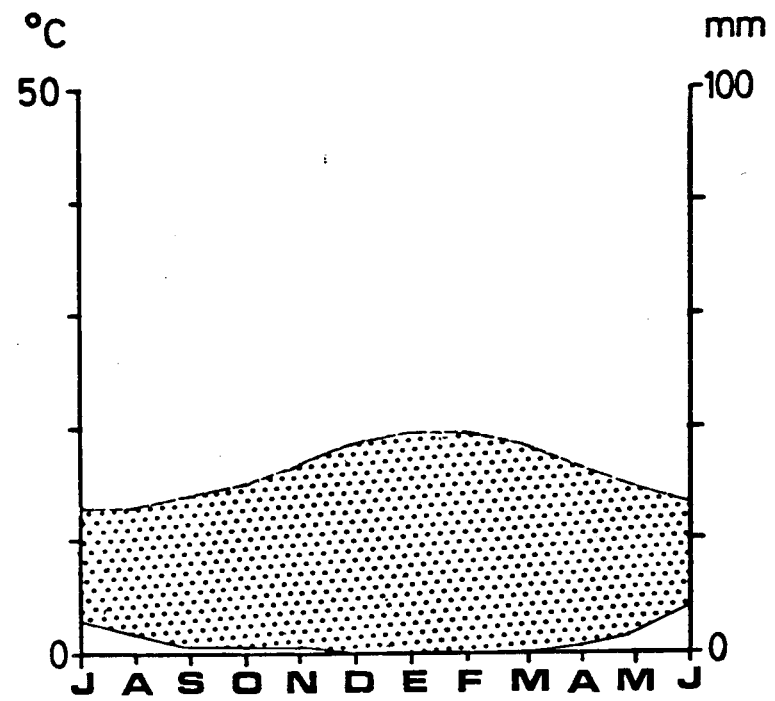
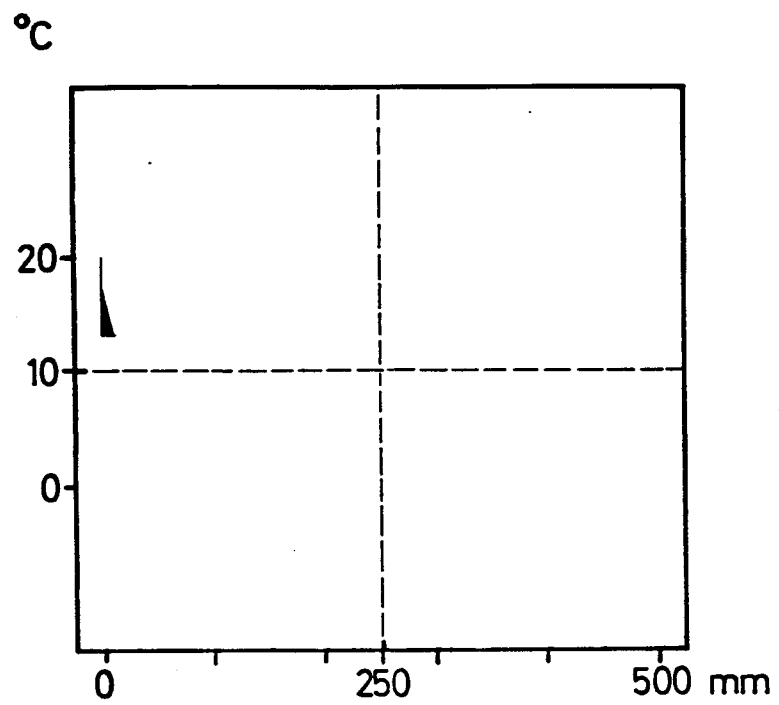
17 .

LATITUD 27 ° 03 ' S

LONGITUD 70 ° 58 ' W

ALTITUD 28 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 23.3 | 23.5 | 22.1 | 20.0 | 18.3 | 17.0 | 16.5 | 16.8 | 17.5 | 18.7 | 20.3 | 21.9 | 19.7 | 35                  |
| Temperatura<br>media        | 19.7 | 19.7 | 18.5 | 16.6 | 14.9 | 13.3 | 13.0 | 13.2 | 14.0 | 15.1 | 16.8 | 18.4 | 16.1 | 35                  |
| Temperatura<br>mínima media | 16.2 | 16.3 | 15.2 | 13.6 | 11.9 | 10.0 | 9.8  | 10.0 | 10.8 | 12.0 | 13.4 | 15.0 | 12.9 | 35                  |
| Humedad relativa            | 76   | 77   | 79   | 80   | 82   | 82   | 82   | 81   | 81   | 80   | 78   | 77   | 80   | 35                  |
| Precipitaciones             | 0.1  | --   | --   | 1.2  | 3.6  | 8.2  | 5.6  | 3.7  | 0.9  | 1.3  | 0.8  | 0.4  | 25.8 | 48                  |

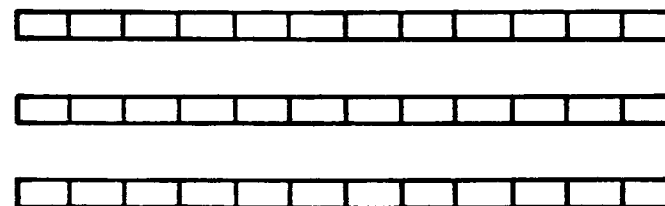
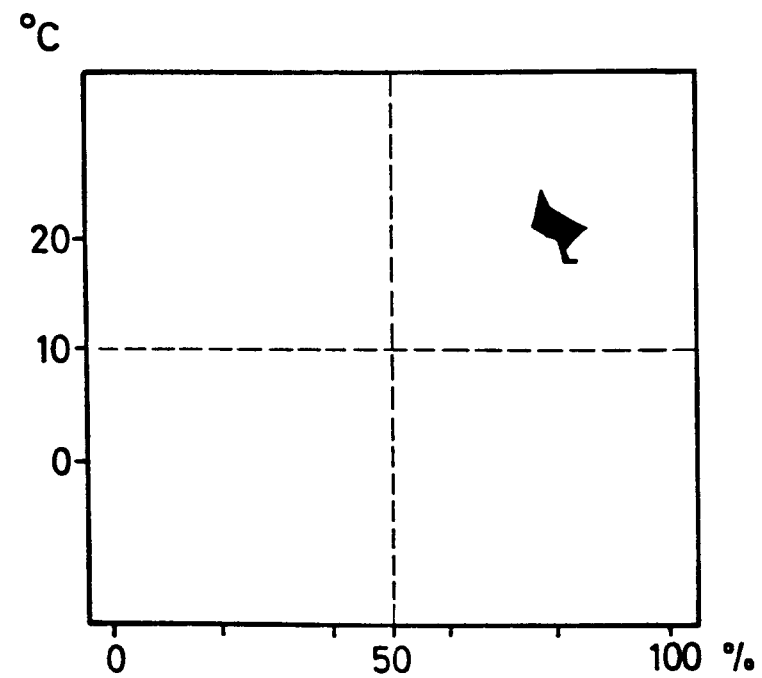
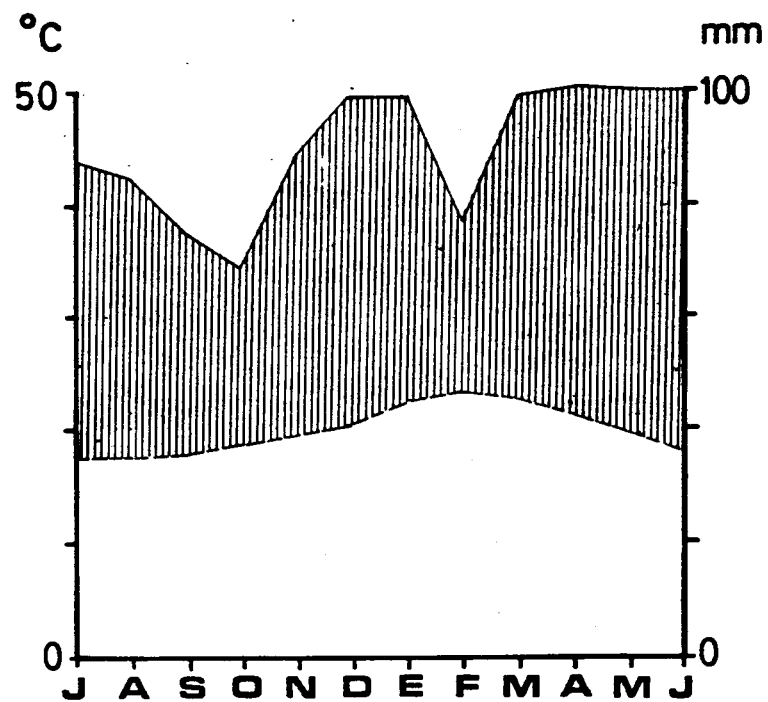
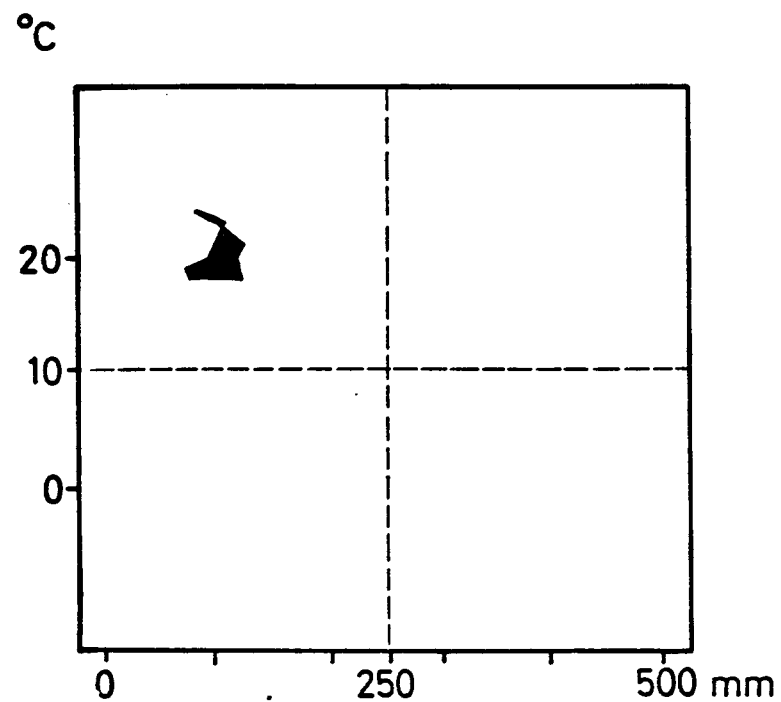


I S L A D E P A S C U A

18 .

LATITUD 27 ° 10 ' S  
LONGITUD 109 ° 26 ' W  
ALTITUD 41 m

|                             | ENE   | FEB  | MAR   | ABR   | MAY   | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|------|-------|-------|-------|-------|------|------|------|------|------|-------|---------|---------------------|
| Temperatura<br>máxima media | 27.0  | 28.2 | 27.4  | 25.5  | 23.4  | 21.9  | 21.4 | 21.5 | 22.1 | 23.3 | 24.2 | 25.5  | 24.3    | 34                  |
| Temperatura<br>media        | 23.1  | 23.7 | 23.1  | 21.5  | 19.9  | 18.3  | 17.8 | 17.8 | 18.1 | 19.1 | 20.2 | 21.8  | 20.4    | 34                  |
| Temperatura<br>mínima media | 19.1  | 19.6 | 19.3  | 17.8  | 16.9  | 15.1  | 14.6 | 14.7 | 14.5 | 15.2 | 16.3 | 17.9  | 16.8    | 34                  |
| Humedad relativa            | 78    | 77   | 77    | 76    | 80    | 81    | 83   | 83   | 82   | 81   | 83   | 85    | 81      | 28                  |
| Precipitaciones             | 104.9 | 78.6 | 100.9 | 120.7 | 114.7 | 116.5 | 88.6 | 85.7 | 75.7 | 70.6 | 90.5 | 101.9 | 1.149.3 | 47                  |



C O P I A P O

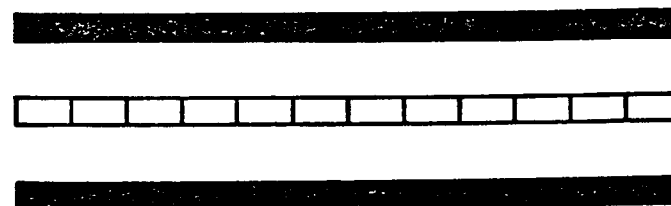
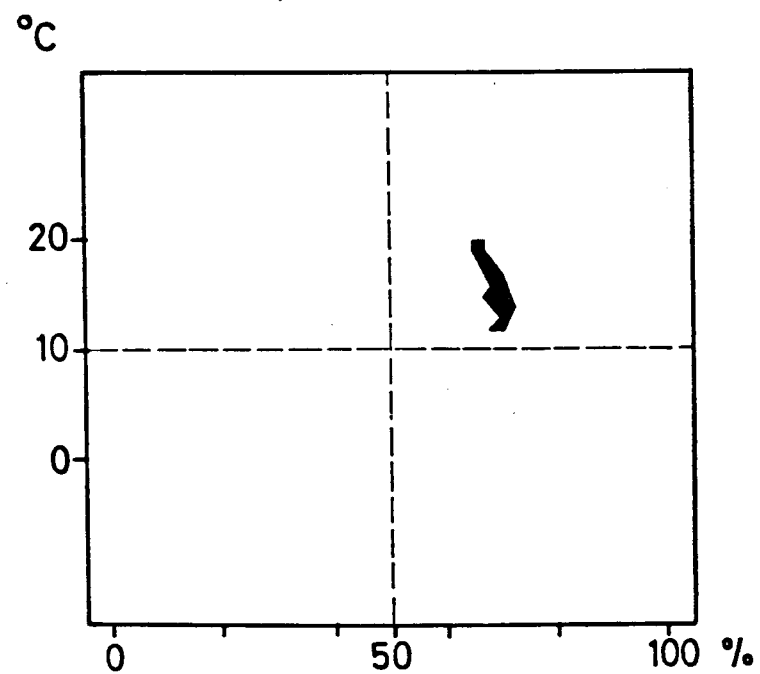
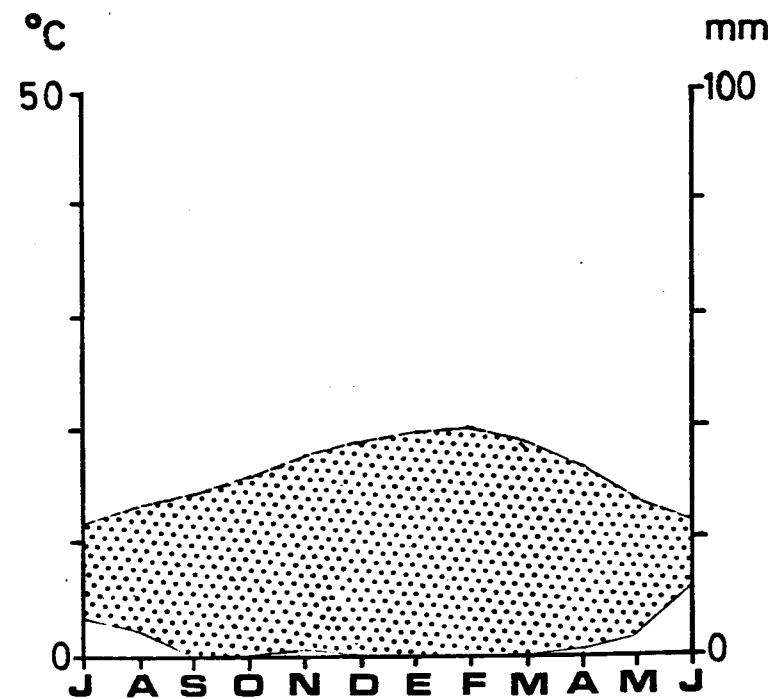
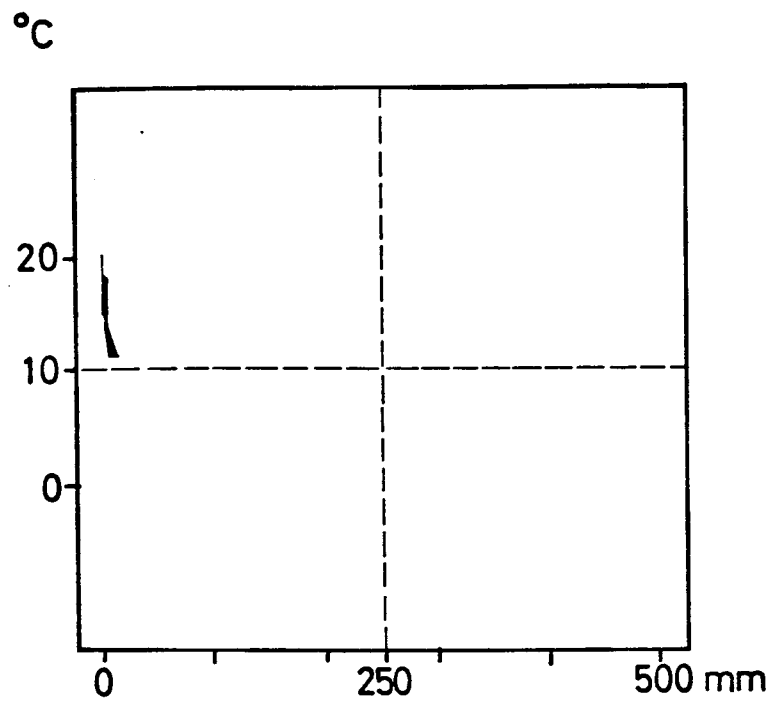
19 .

LATITUD 27 ° 21 '

LONGITUD 70 ° 24 '

ALTITUD 370 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Años | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 30.4 | 30.6 | 28.7 | 25.7 | 21.8 | 20.3 | 20.8 | 22.0 | 24.5 | 25.6 | 26.4 | 29.4 | 25.5 | 3                   |
| Temperatura<br>media        | 20.2 | 20.3 | 18.8 | 16.7 | 13.8 | 12.2 | 12.2 | 13.4 | 14.6 | 16.3 | 17.9 | 19.2 | 16.3 | 22                  |
| Temperatura<br>mínima media | 12.9 | 12.8 | 11.4 | 9.2  | 6.8  | 4.8  | 4.8  | 5.8  | 7.3  | 8.6  | 10.6 | 11.8 | 8.5  | 22                  |
| Humedad relativa            | 65   | 67   | 67   | 70   | 72   | 70   | 68   | 70   | 67   | 68   | 66   | 65   | 68   | 22                  |
| Precipitaciones             | --   | --   | --   | 1.0  | 3.2  | 12.6 | 6.9  | 4.8  | 0.1  | 0.3  | 0.5  | --   | 29.4 | 22                  |



V A L L E N A R

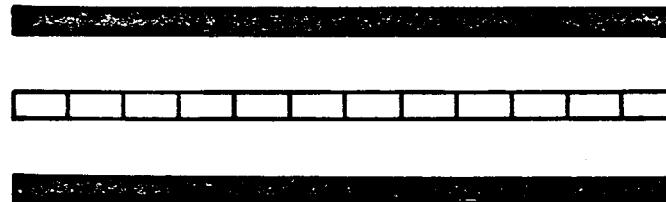
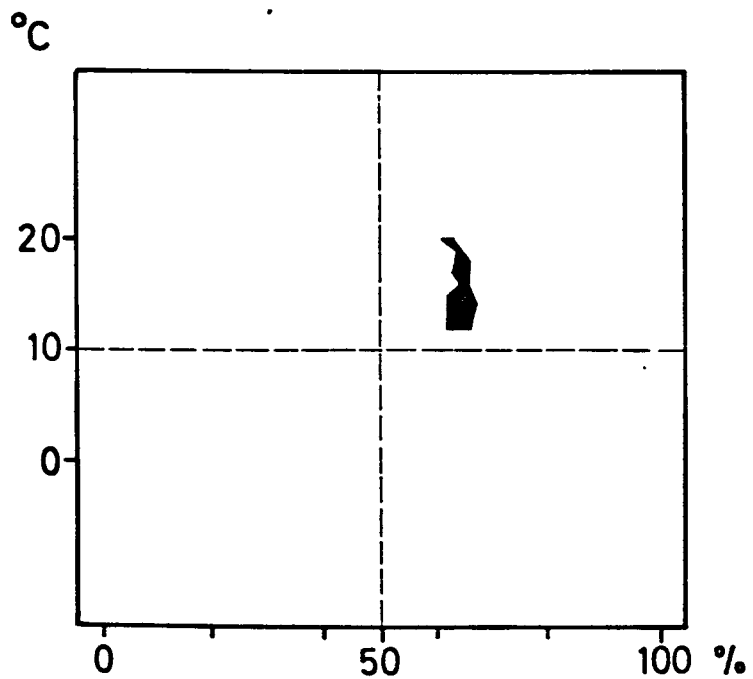
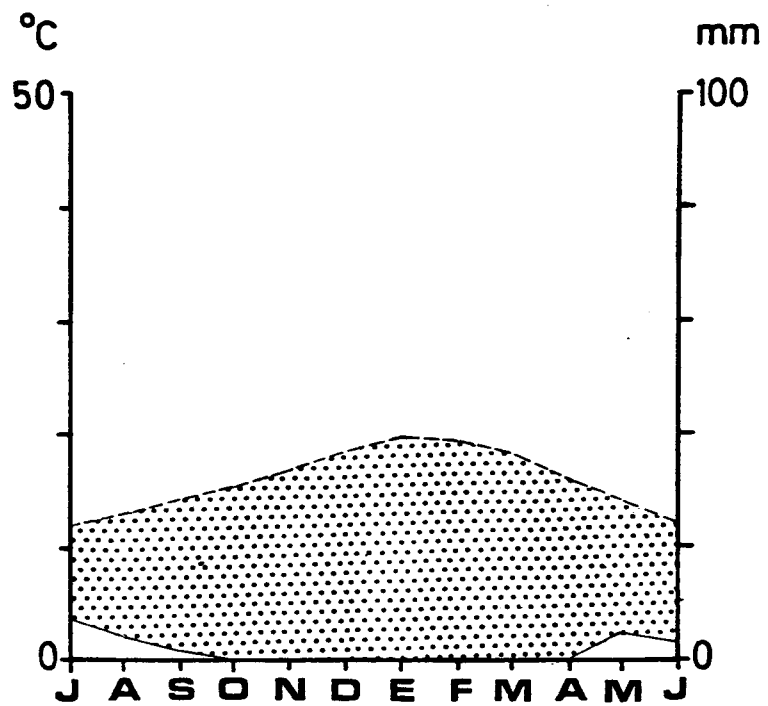
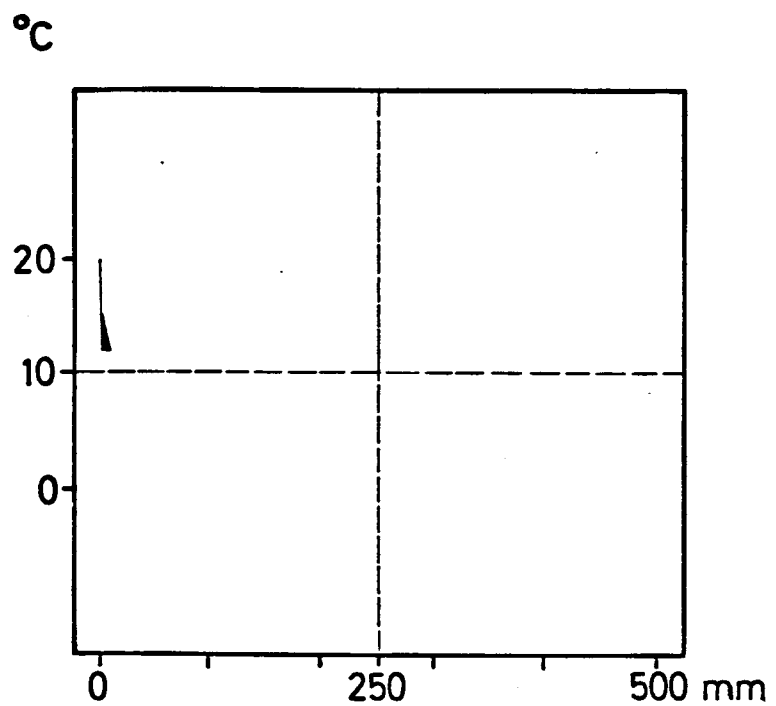
20 .

LATITUD 28 ° 35 ' S

LONGITUD 70 ° 46 ' W

ALTITUD 470 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año  | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|
| Temperatura<br>máxima media | 26.8 | 27.2 | 25.4 | 23.0 | 21.8 | 19.2 | 19.2 | 20.4 | 22.2 | 23.3 | 24.3 | 25.9 | 23.2 | 9                   |
| Temperatura<br>media        | 19.9 | 19.7 | 18.4 | 16.0 | 14.5 | 12.4 | 12.2 | 13.1 | 14.6 | 15.6 | 17.0 | 18.6 | 16.0 | 9                   |
| Temperatura<br>mínima media | 11.7 | 11.9 | 10.7 | 8.0  | 7.0  | 5.1  | 5.0  | 6.0  | 6.9  | 7.1  | 7.1  | 10.5 | 8.0  | 9                   |
| Humedad relativa            | 61   | 63   | 66   | 66   | 67   | 66   | 62   | 62   | 62   | 64   | 63   | 64   | 63   | 5                   |
| Precipitaciones             | --   | --   | --   | 0.0  | 4.5  | 3.1  | 7.6  | 4.6  | 1.1  | 0.4  | --   | --   | 21.3 | 9                   |



Vallenar 20

L A S E R E N A

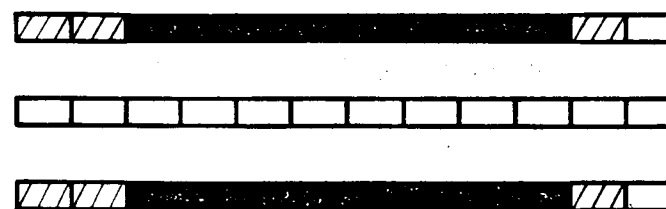
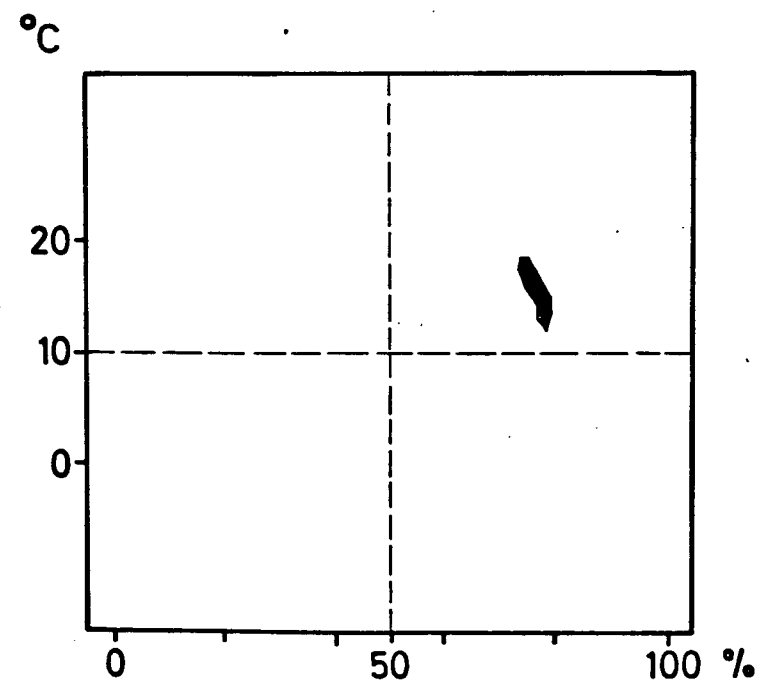
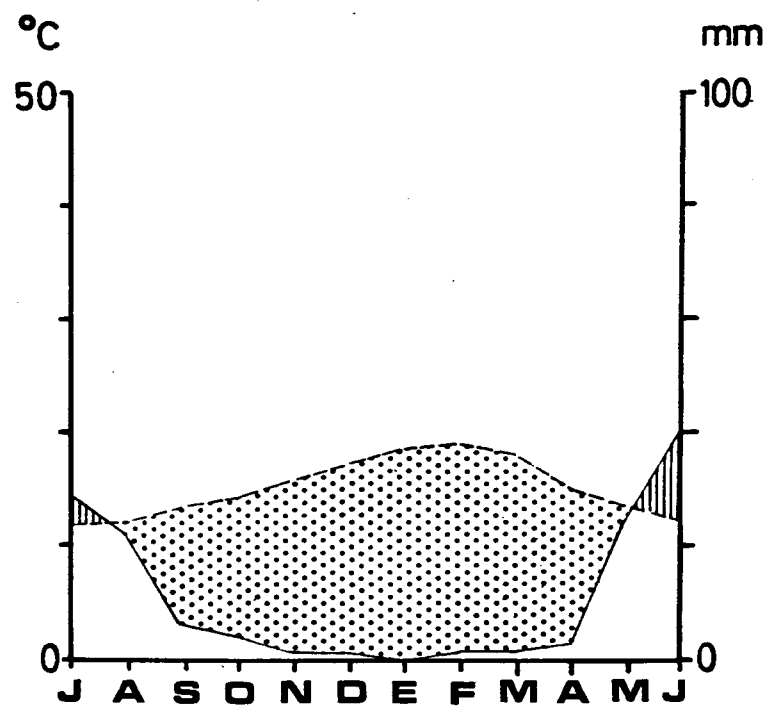
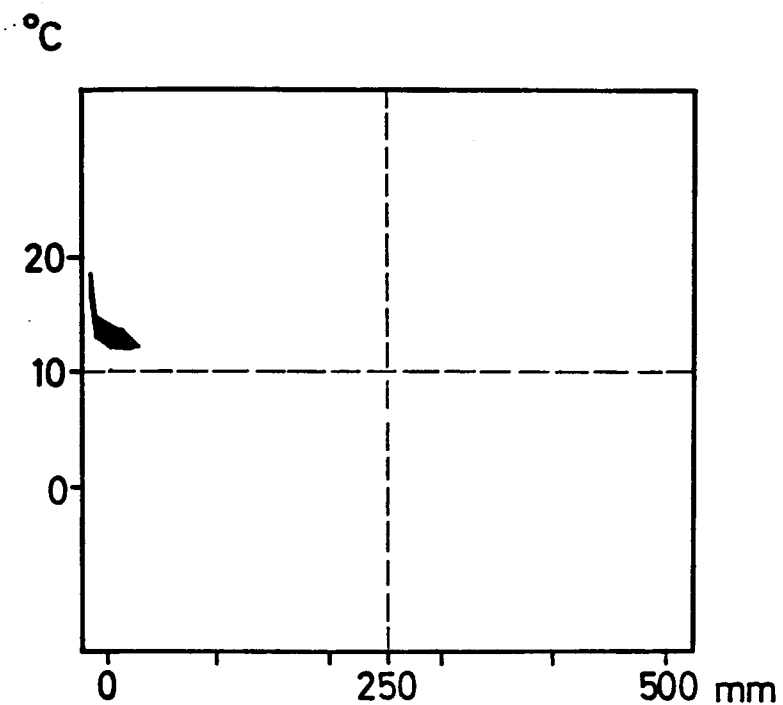
21 .

LATITUD 29 ° 54 ' S

LONGITUD 71 ° 15 ' W

ALTITUD 32 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 22.6 | 22.8 | 21.3 | 19.8 | 17.5 | 16.5 | 15.8 | 16.3 | 17.0 | 18.2 | 19.7 | 21.1 | 18.9  | 35                  |
| Temperatura<br>media        | 18.3 | 18.4 | 17.1 | 15.0 | 13.5 | 12.1 | 11.8 | 12.1 | 12.8 | 14.2 | 15.6 | 17.1 | 14.8  | 35                  |
| Temperatura<br>mínima media | 14.9 | 15.8 | 13.6 | 11.7 | 10.1 | 8.6  | 8.2  | 8.5  | 9.3  | 10.1 | 11.7 | 13.4 | 11.2  | 35                  |
| Humedad relativa            | 77   | 78   | 80   | 82   | 82   | 81   | 81   | 81   | 80   | 80   | 78   | 77   | 80    | 39                  |
| Precipitaciones             | 0.1  | 0.7  | 0.9  | 2.3  | 23.0 | 40.1 | 28.5 | 22.1 | 6.0  | 3.5  | 0.8  | 0.5  | 128.5 | 90                  |



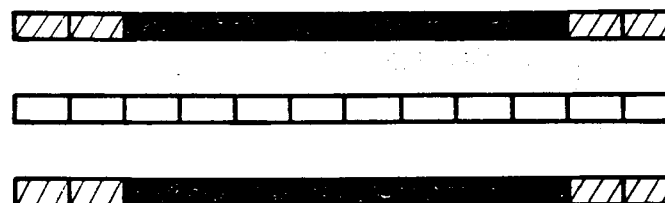
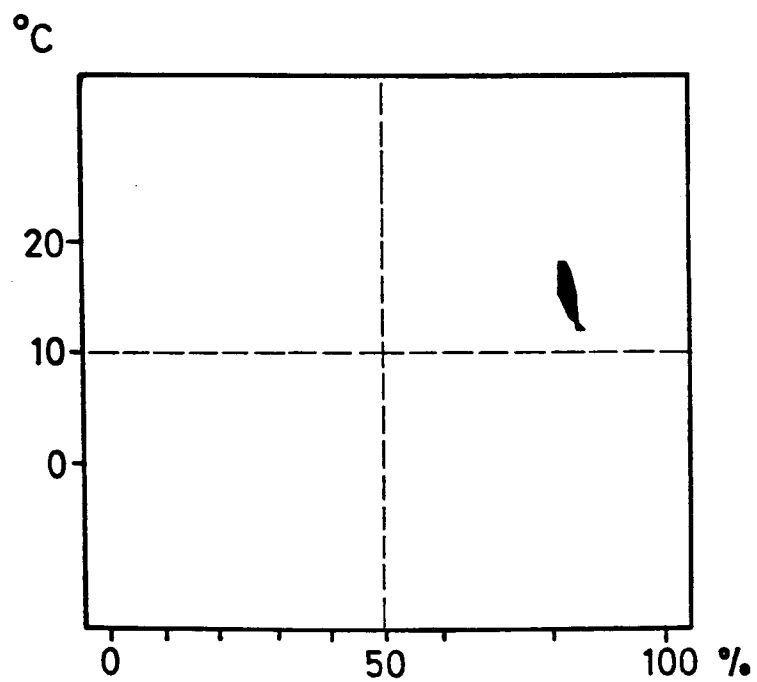
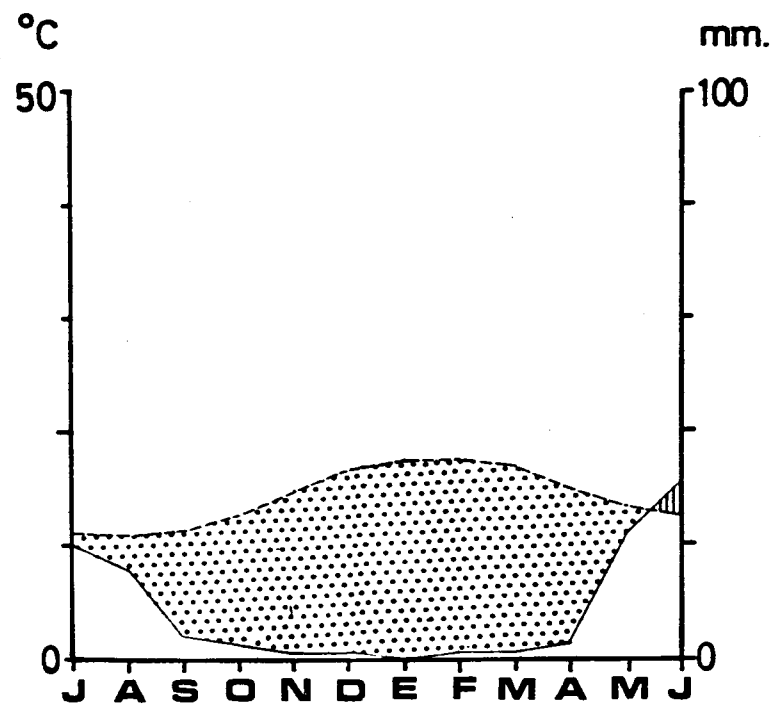
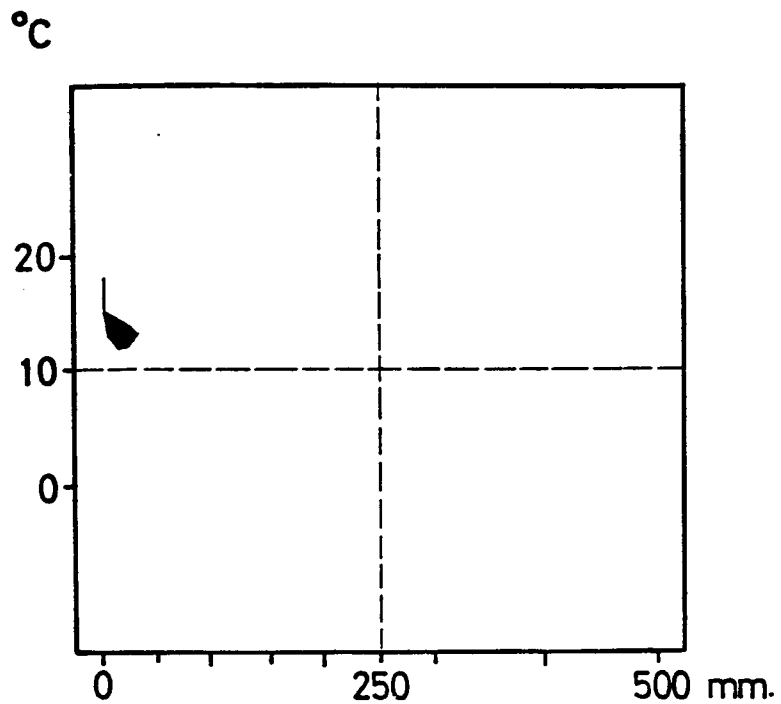
La Serena 21

P U N T A   T O R T U G A

22 .

LATITUD 29 ° 55 ' S  
LONGITUD 71 ° 22 ' W  
ALTITUD 25 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 20.6 | 20.8 | 19.7 | 17.8 | 16.8 | 15.7 | 15.1 | 15.3 | 15.9 | 16.8 | 18.0 | 19.4 | 17.7  | 35                  |
| Temperatura<br>media        | 17.6 | 17.8 | 16.8 | 15.0 | 13.8 | 12.8 | 12.2 | 12.3 | 12.6 | 13.9 | 15.1 | 16.7 | 14.7  | 35                  |
| Temperatura<br>mínima media | 14.7 | 14.9 | 14.0 | 12.3 | 10.9 | 9.7  | 9.2  | 9.4  | 10.0 | 10.9 | 12.1 | 13.5 | 11.8  | 35                  |
| Humedad relativa            | 81   | 82   | 83   | 84   | 84   | 84   | 84   | 85   | 83   | 82   | 81   | 81   | 83    | 35                  |
| Precipitaciones             | --   | 0.9  | 0.7  | 2.3  | 21.9 | 31.2 | 20.3 | 16.6 | 4.6  | 2.5  | 0.8  | 0.8  | 102.6 | 47                  |



V I C U Ñ A

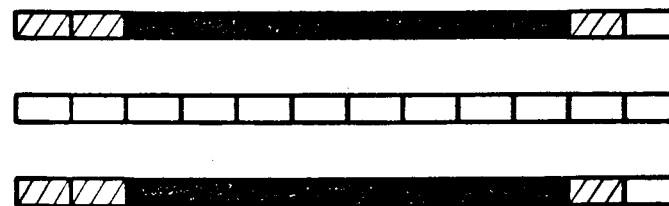
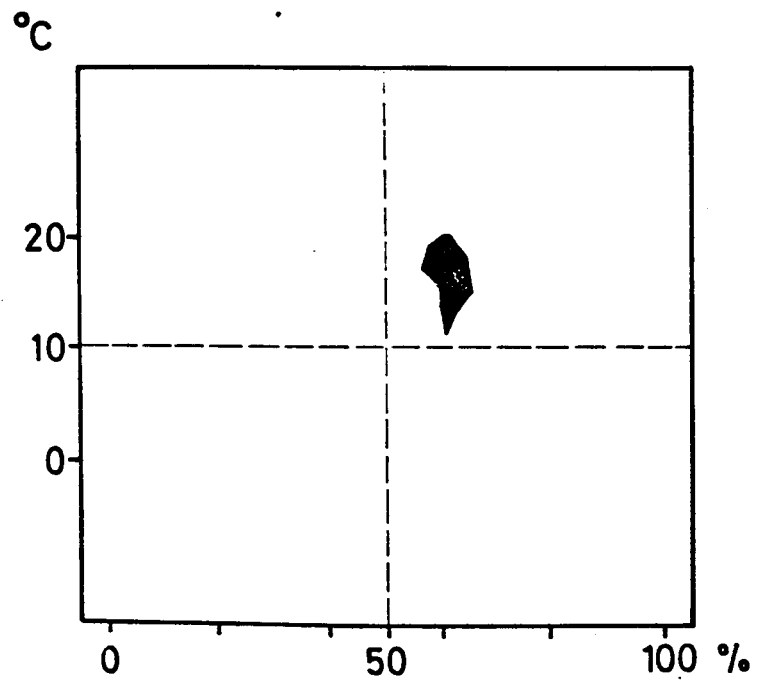
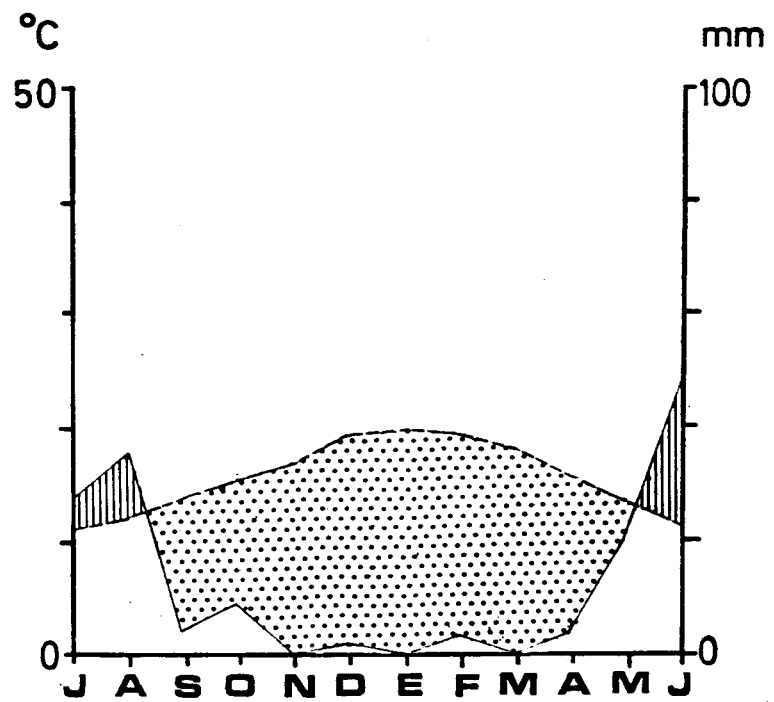
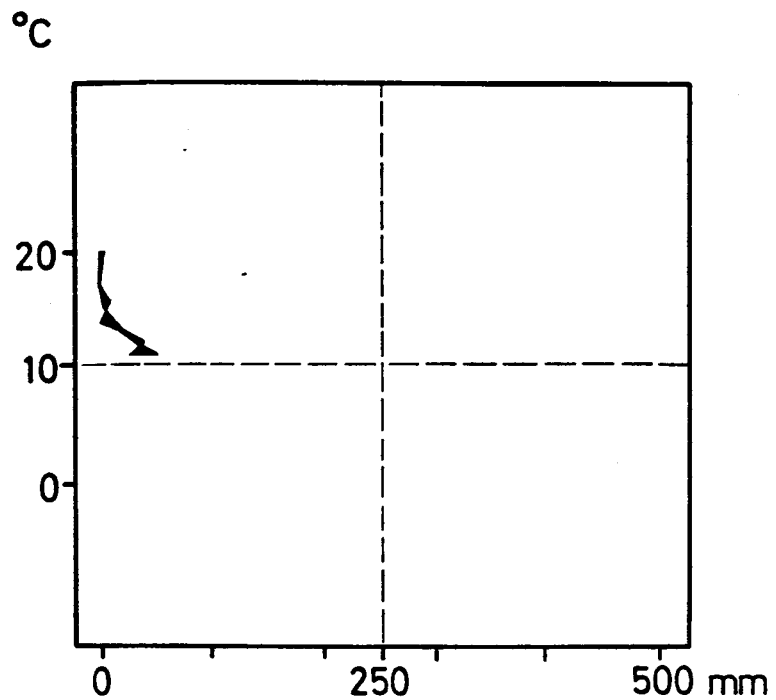
23 .

LATITUD 30 ° 02 ' S

LONGITUD 70 ° 44 ' W

ALTITUD 620 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 28.3 | 28.6 | 27.5 | 24.8 | 22.5 | 20.4 | 19.7 | 21.0 | 23.7 | 25.1 | 26.6 | 27.7 | 24.7  | 7                   |
| Temperatura<br>media        | 19.8 | 19.6 | 17.9 | 15.3 | 13.3 | 11.4 | 11.4 | 12.0 | 14.0 | 15.5 | 16.9 | 19.3 | 15.5  | 9                   |
| Temperatura<br>mínima media | 12.0 | 11.5 | 10.2 | 8.2  | 6.8  | 5.8  | 5.8  | 5.4  | 6.9  | 8.0  | 8.6  | 10.3 | 8.3   | 7                   |
| Humedad relativa            | 61   | 62   | 65   | 66   | 63   | 61   | 61   | 61   | 60   | 60   | 57   | 58   | 61    | 7                   |
| Precipitaciones             | 0.2  | 3.4  | 0.3  | 4.6  | 20.2 | 49.6 | 27.9 | 35.9 | 4.2  | 9.3  | --   | 1.5  | 157.1 | 9                   |



O V A L L E

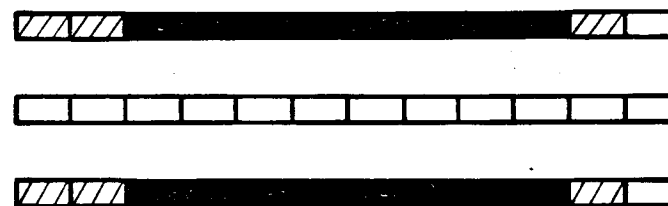
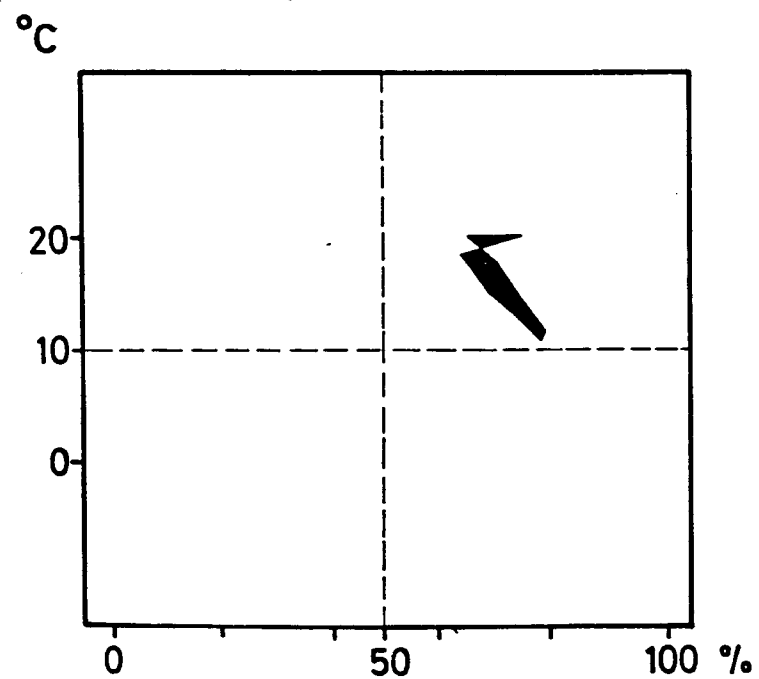
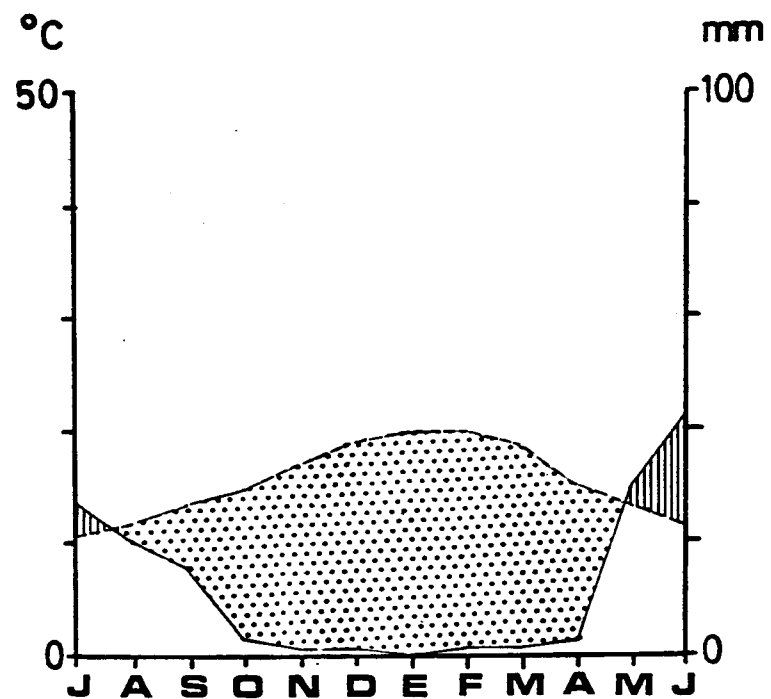
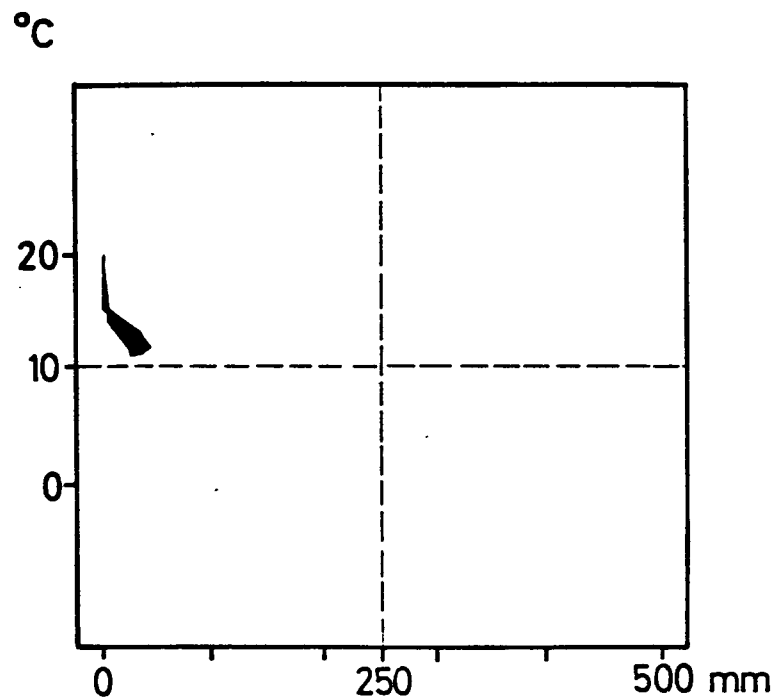
24 .

LATITUD 30 ° 36 ' S

LONGITUD 71 ° 12 ' W

ALTITUD 220 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 28.4 | 28.3 | 26.8 | 23.9 | 21.0 | 18.4 | 18.1 | 19.6 | 21.7 | 23.8 | 25.8 | 27.4 | 23.5  | 34                  |
| Temperatura<br>media        | 19.8 | 19.8 | 17.6 | 15.2 | 13.2 | 11.4 | 10.9 | 11.7 | 13.4 | 14.8 | 16.9 | 18.6 | 15.2  | 34                  |
| Temperatura<br>mínima media | 13.0 | 12.4 | 11.0 | 9.2  | 7.7  | 6.5  | 6.1  | 6.5  | 7.7  | 8.6  | 9.9  | 11.5 | 9.2   | 34                  |
| Humedad relativa            | 74   | 65   | 69   | 73   | 76   | 78   | 78   | 76   | 73   | 69   | 66   | 64   | 71    | 34                  |
| Precipitaciones             | --   | 1.1  | 0.7  | 2.1  | 29.5 | 42.1 | 26.9 | 21.2 | 5.7  | 2.7  | 0.9  | 1.1  | 134.0 | 47                  |



Ovalle 24

Z A P A L L A R

25 .

LATITUD 32 ° 33 ' S

LONGITUD 71 ° 30 ' W

ALTITUD 30 m

|  | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | Año | Años<br>observación |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|

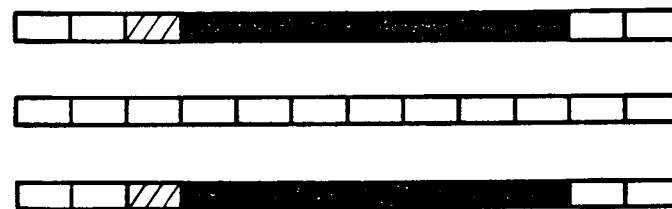
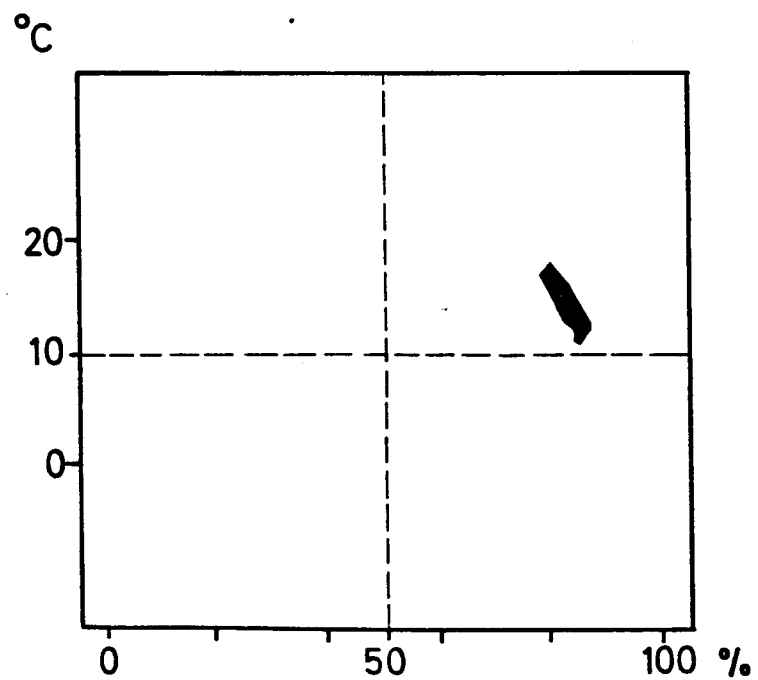
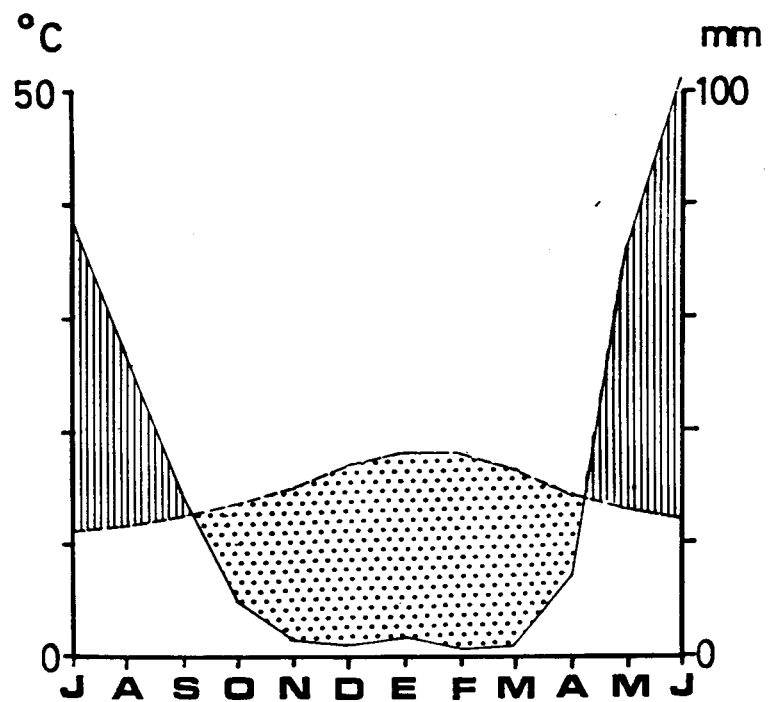
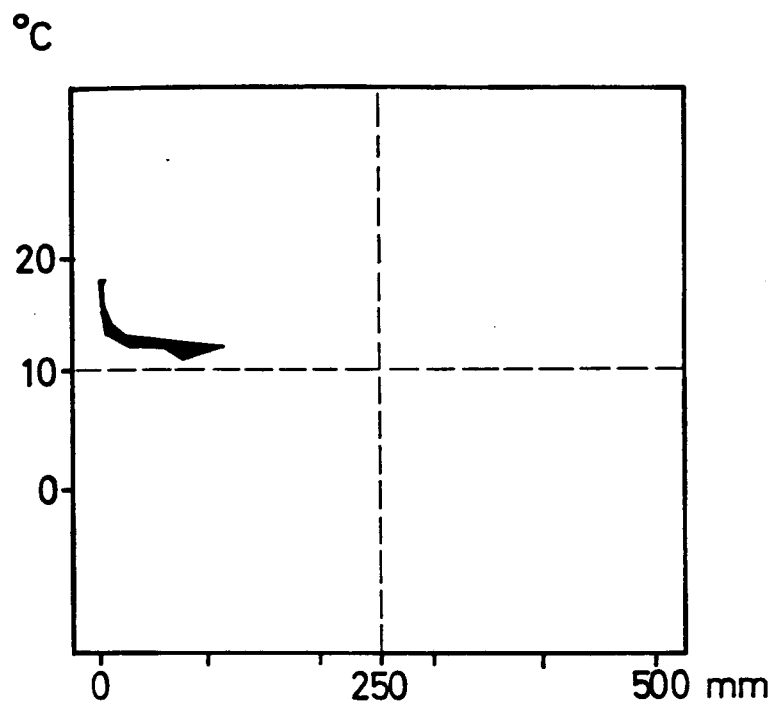
|                             |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| Temperatura<br>máxima media | 22.6 | 22.1 | 19.2 | 17.9 | 16.0 | 14.9 | 14.1 | 14.6 | 15.6 | 17.2 | 19.4 | 21.7 | 17.9 | 15 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|

|                      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| Temperatura<br>media | 17.7 | 17.6 | 16.2 | 14.1 | 12.8 | 11.9 | 11.2 | 11.5 | 12.2 | 13.4 | 14.8 | 16.6 | 14.2 | 15 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|

|                             |      |      |      |      |      |     |     |     |     |      |      |      |      |    |
|-----------------------------|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|----|
| Temperatura<br>mínima media | 14.0 | 14.1 | 13.0 | 11.1 | 10.0 | 9.2 | 8.4 | 8.5 | 9.2 | 10.2 | 11.2 | 12.6 | 11.0 | 15 |
|-----------------------------|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|----|

|                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Humedad relativa | 80 | 80 | 83 | 85 | 86 | 86 | 85 | 84 | 84 | 82 | 80 | 78 | 83 | 15 |
|------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

|                 |     |     |     |      |      |       |      |      |      |     |     |     |       |    |
|-----------------|-----|-----|-----|------|------|-------|------|------|------|-----|-----|-----|-------|----|
| Precipitaciones | 3.1 | 0.9 | 1.4 | 13.5 | 71.8 | 120.5 | 76.1 | 54.2 | 28.8 | 9.9 | 2.5 | 1.6 | 384.3 | 15 |
|-----------------|-----|-----|-----|------|------|-------|------|------|------|-----|-----|-----|-------|----|



Zapallar 25

B A Ñ O S      D E      J A H U E L

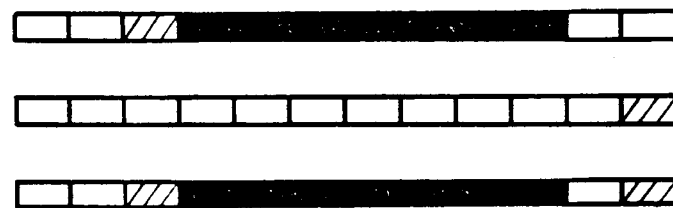
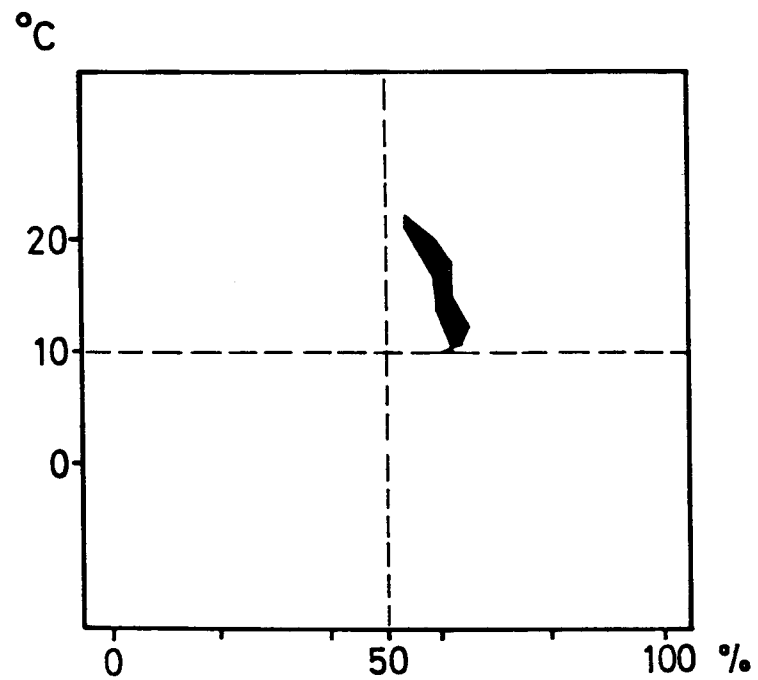
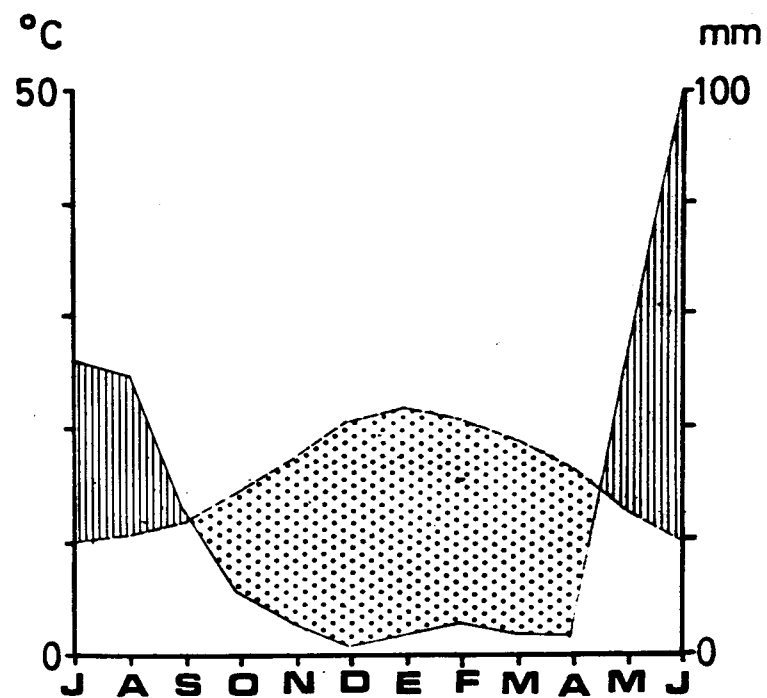
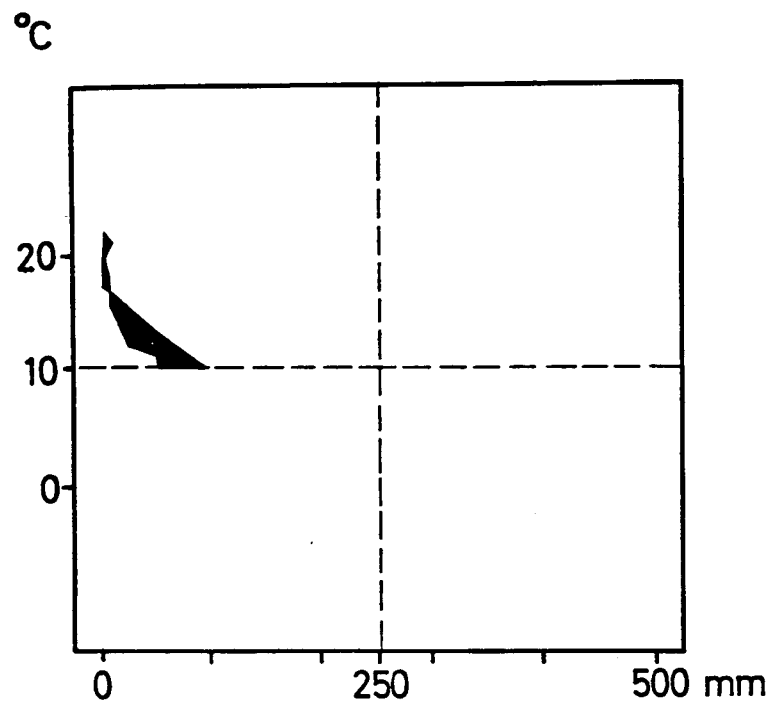
26 .

LATITUD 32 ° 41 ' S

LONGITUD 70 ° 39 ' W

ALTITUD 1.180 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 30.7 | 30.3 | 28.4 | 25.3 | 19.3 | 15.4 | 16.2 | 17.5 | 18.6 | 22.9 | 26.2 | 29.1 | 23.3  | 22                  |
| Temperatura<br>media        | 22.0 | 21.1 | 19.1 | 16.5 | 12.8 | 9.9  | 10.1 | 10.7 | 11.9 | 14.9 | 17.6 | 20.6 | 15.6  | 22                  |
| Temperatura<br>mínima media | 14.7 | 14.3 | 12.4 | 10.5 | 8.1  | 5.7  | 5.8  | 5.9  | 6.3  | 8.7  | 10.6 | 13.0 | 9.7   | 22                  |
| Humedad relativa            | 54   | 54   | 56   | 59   | 60   | 62   | 60   | 64   | 65   | 62   | 62   | 59   | 60    | 22                  |
| Precipitaciones             | 3.7  | 5.8  | 3.8  | 3.4  | 49.5 | 90.9 | 52.6 | 50.0 | 26.9 | 11.7 | 5.5  | 1.6  | 305.4 | 21                  |

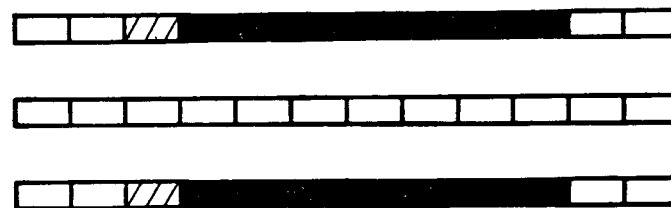
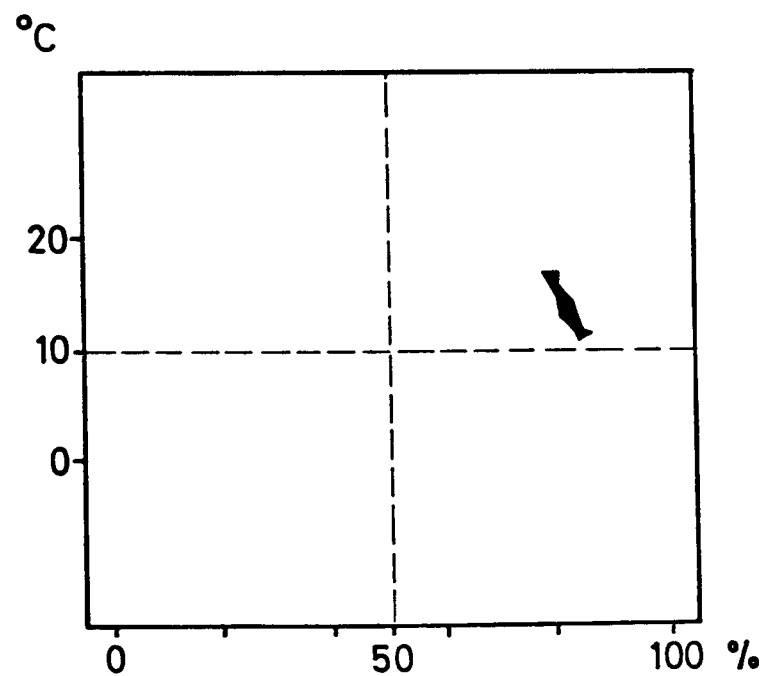
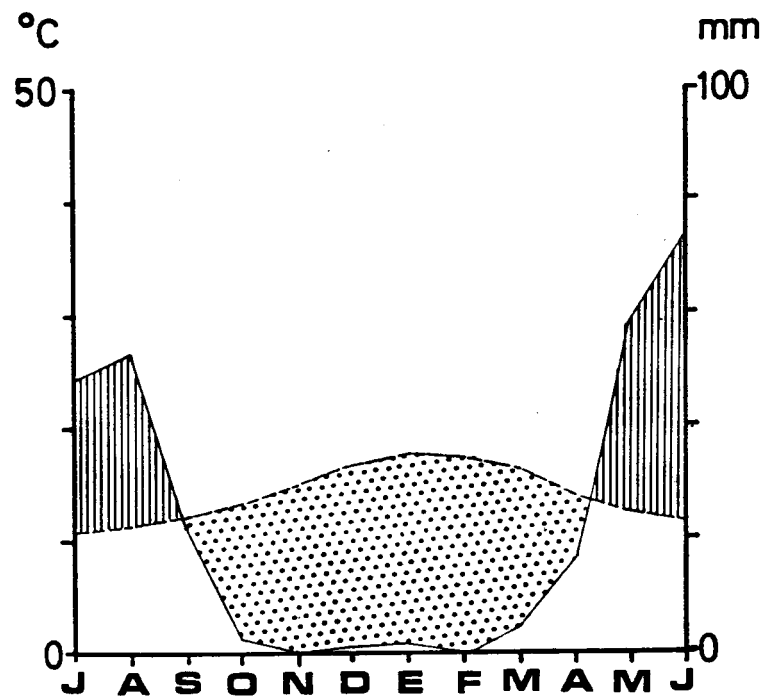
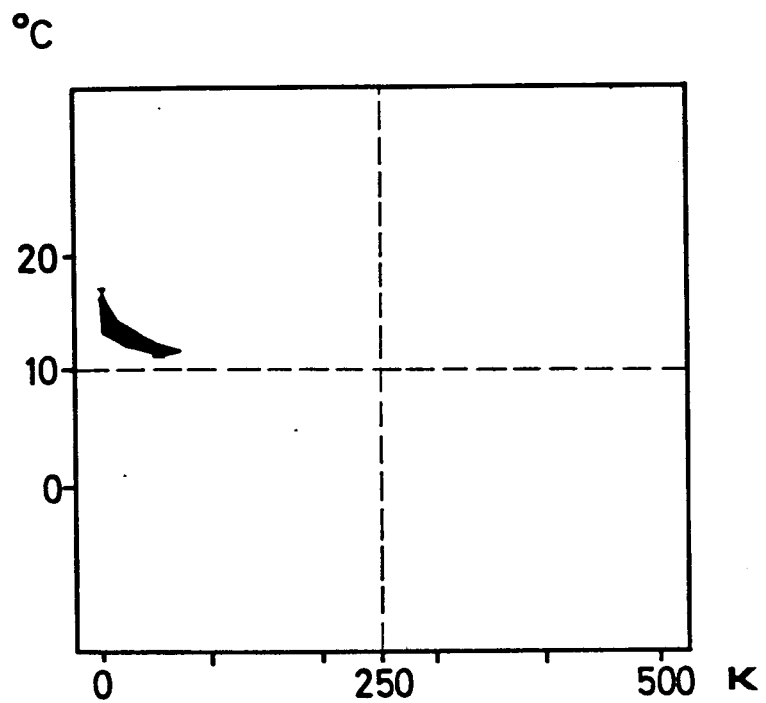


Q U I N T E R O

27 .

LATITUD 32 ° 47 ' S  
LONGITUD 71 ° 32 ' W  
ALTITUD 2 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 20.7 | 20.5 | 19.8 | 17.1 | 15.9 | 14.9 | 14.5 | 14.6 | 15.6 | 15.9 | 18.0 | 19.4 | 17.2  | 7                   |
| Temperatura<br>media        | 17.3 | 17.0 | 16.0 | 13.8 | 12.4 | 11.5 | 10.9 | 11.3 | 12.1 | 13.1 | 14.9 | 16.3 | 13.9  | 7                   |
| Temperatura<br>mínima media | 11.0 | 10.9 | 9.7  | 7.6  | 7.4  | 6.2  | 5.2  | 6.0  | 6.8  | 7.1  | 8.7  | 10.4 | 8.1   | 7                   |
| Humedad relativa            | 78   | 80   | 80   | 83   | 84   | 86   | 84   | 84   | 83   | 81   | 80   | 75   | 82    | 7                   |
| Precipitaciones             | 1.4  | --   | 4.1  | 16.6 | 58.2 | 73.3 | 48.9 | 53.2 | 22.4 | 2.5  | 0.4  | 0.6  | 281.6 | 7                   |

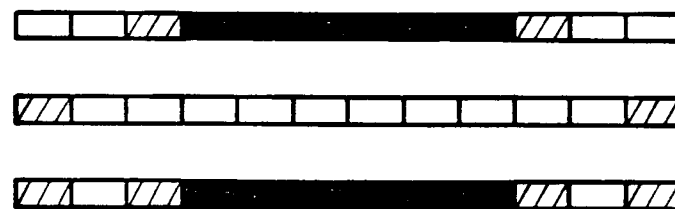
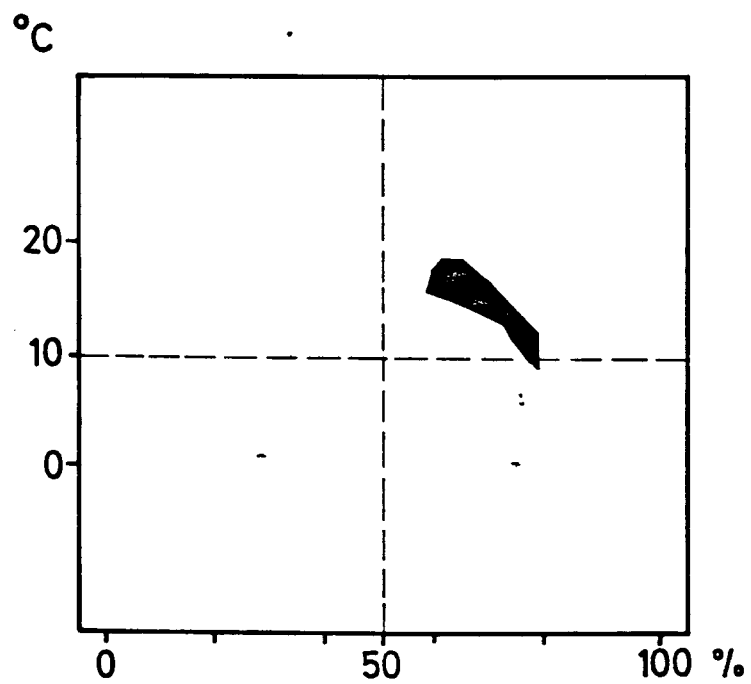
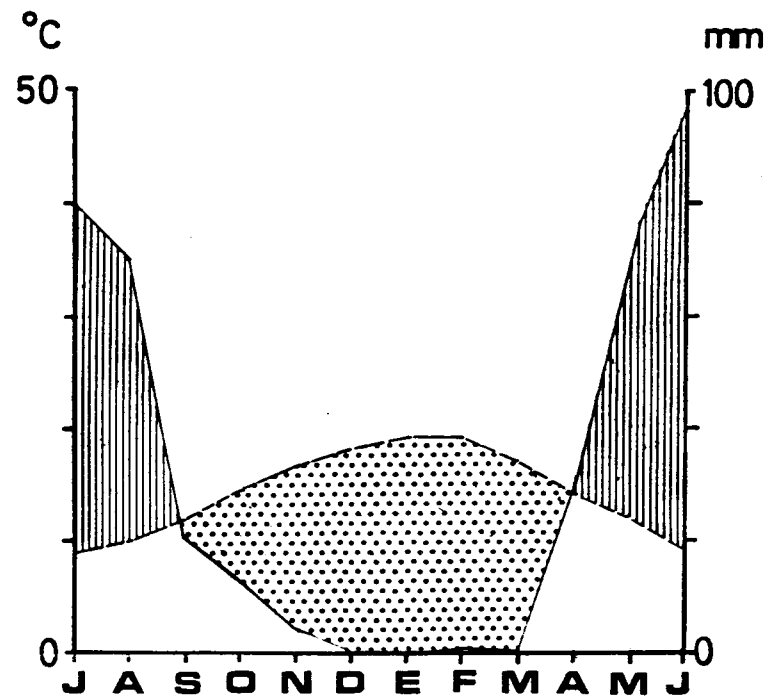
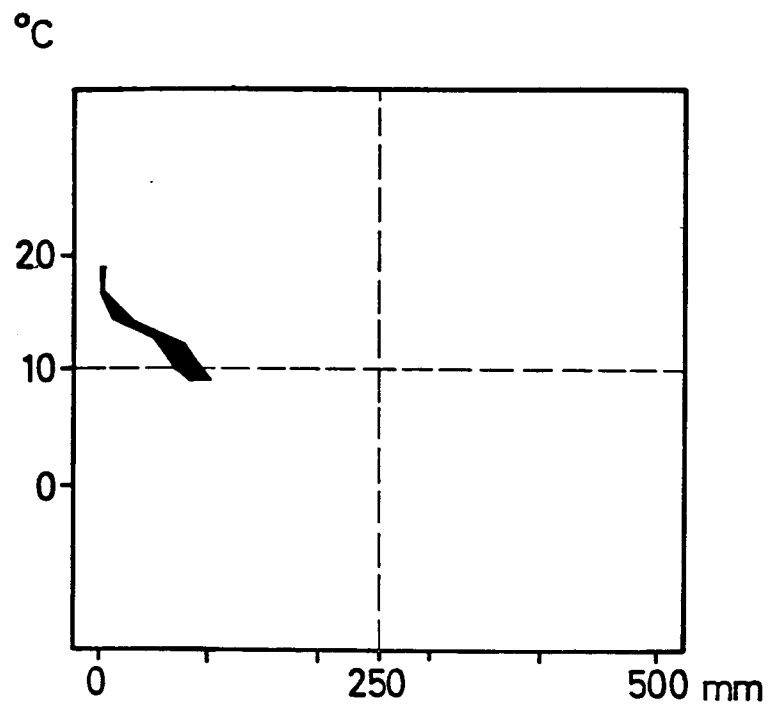


L L A Y - L L A Y

28 .

LATITUD 32 ° 50 ' S  
LONGITUD 70 ° 59 ' W  
ALTITUD 385 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 28.5 | 29.1 | 28.1 | 24.2 | 21.1 | 18.6 | 18.6 | 19.9 | 21.9 | 24.4 | 26.1 | 28.1 | 24.1  | 3                   |
| Temperatura<br>media        | 19.2 | 19.1 | 17.1 | 14.1 | 12.0 | 9.2  | 8.9  | 10.1 | 12.7 | 14.5 | 16.4 | 18.1 | 14.3  | 3                   |
| Temperatura<br>mínima media | 10.6 | 11.4 | 9.9  | 7.3  | 6.1  | 2.9  | 3.6  | 3.3  | 6.5  | 7.9  | 9.3  | 10.6 | 7.5   | 3                   |
| Humedad relativa            | 61   | 64   | 69   | 74   | 78   | 78   | 78   | 76   | 72   | 65   | 58   | 59   | 69    | 3                   |
| Precipitaciones             | --   | 1.1  | 0.3  | 30.8 | 76.0 | 96.4 | 79.2 | 65.3 | 20.9 | 12.5 | 4.7  | --   | 387.2 | 39                  |

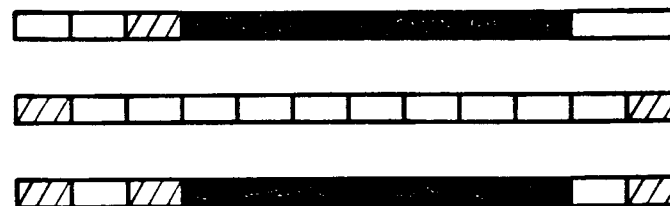
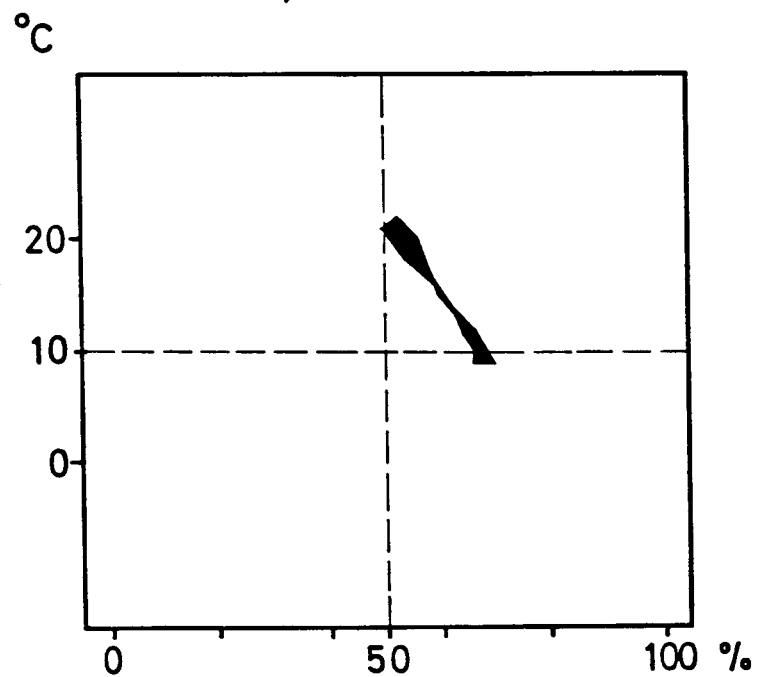
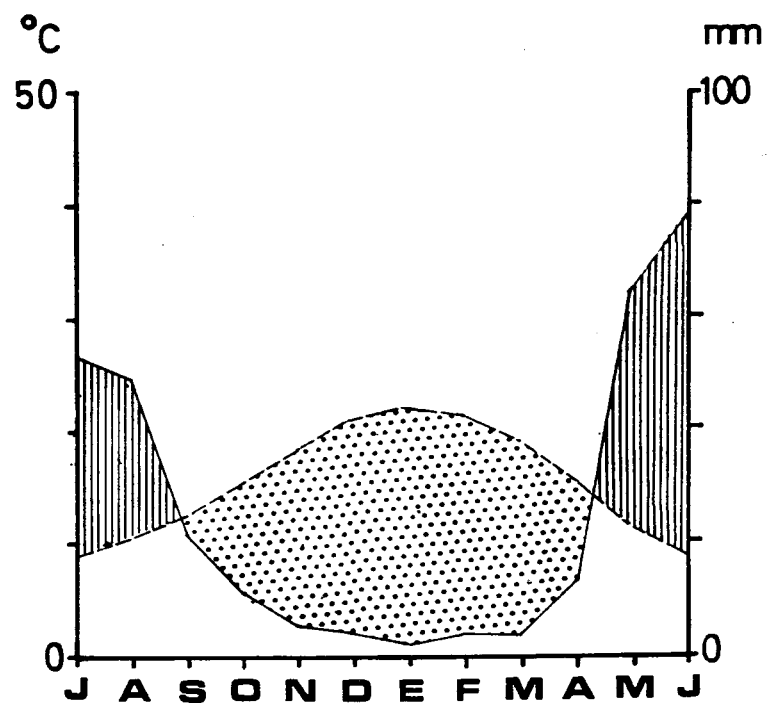
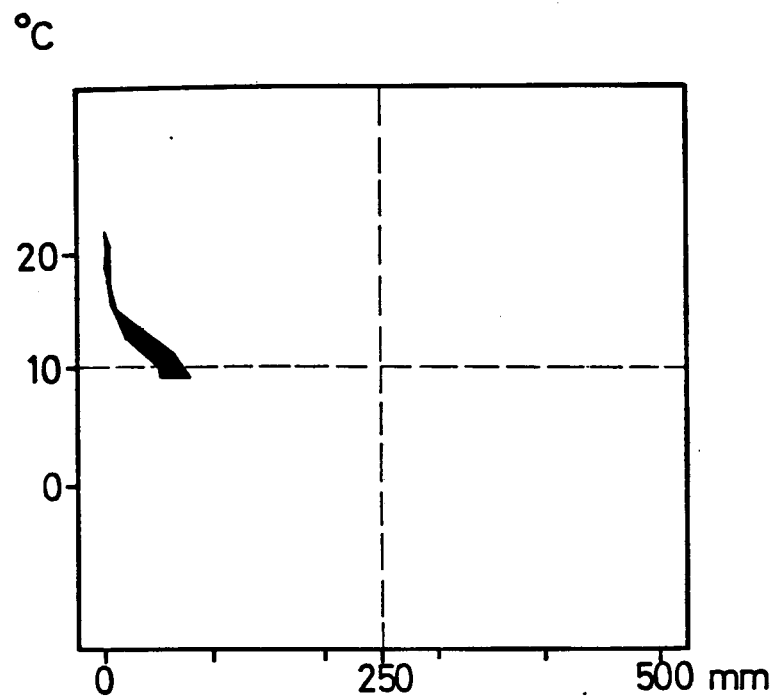


L O S   A N D E S

29 .

LATITUD 32 ° 53 ' S  
LONGITUD 70 ° 37 ' W  
ALTITUD 816 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 31.6 | 31.1 | 29.2 | 25.5 | 20.3 | 16.6 | 17.3 | 18.8 | 21.2 | 24.7 | 27.9 | 30.5 | 24.6  | 35                  |
| Temperatura<br>media        | 22.0 | 21.3 | 18.9 | 15.4 | 11.6 | 8.9  | 9.2  | 10.4 | 12.5 | 15.5 | 18.4 | 20.9 | 15.4  | 35                  |
| Temperatura<br>mínima media | 12.4 | 11.7 | 9.8  | 7.1  | 5.0  | 3.0  | 2.8  | 3.6  | 5.2  | 7.2  | 9.2  | 11.1 | 7.3   | 35                  |
| Humedad relativa            | 52   | 54   | 56   | 60   | 65   | 70   | 66   | 66   | 64   | 60   | 54   | 50   | 60    | 35                  |
| Precipitaciones             | 2.1  | 3.8  | 3.5  | 12.8 | 65.5 | 78.1 | 53.1 | 49.5 | 21.8 | 11.3 | 4.9  | 4.0  | 310.4 | 40                  |



J U N C A L

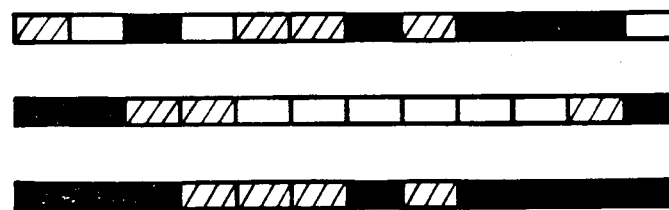
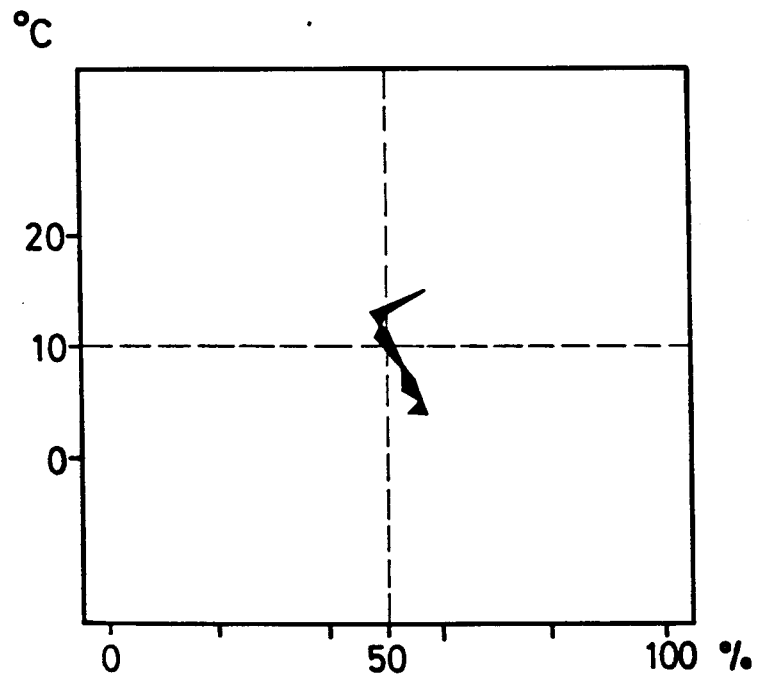
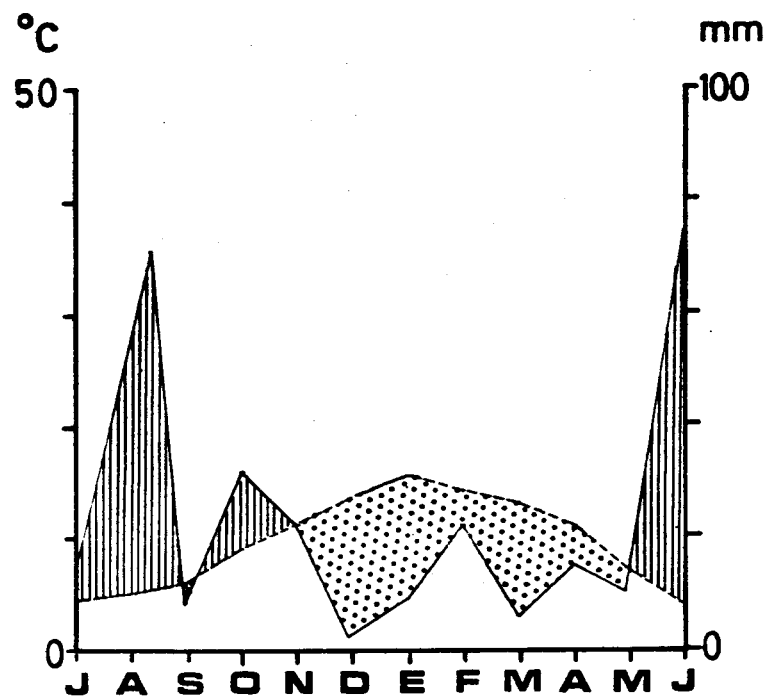
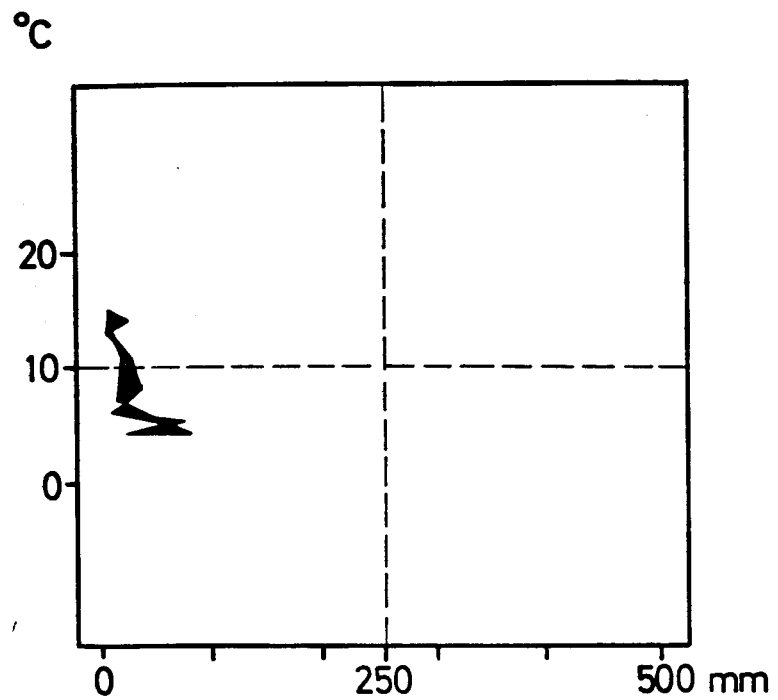
30 .

LATITUD 32 ° 52 ' S

LONGITUD 70 ° 10 ' W

ALTITUD 2.250 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 22.1 | 21.3 | 20.2 | 17.9 | 13.5 | 10.3 | 11.6 | 11.9 | 13.3 | 14.6 | 17.9 | 20.1 | 16.2  | 7                   |
| Temperatura<br>media        | 15.2 | 14.2 | 13.0 | 10.7 | 7.1  | 4.3  | 4.4  | 4.7  | 5.8  | 7.8  | 11.2 | 13.4 | 9.3   | 7                   |
| Temperatura<br>mínima media | 9.1  | 8.6  | 6.9  | 5.3  | 2.3  | -0.3 | -0.4 | -0.5 | 0.5  | 2.5  | 5.2  | 6.8  | 3.8   | 7                   |
| Humedad relativa            | 57   | 53   | 50   | 48   | 55   | 57   | 54   | 56   | 53   | 53   | 50   | 47   | 52    | 7                   |
| Precipitaciones             | 8.8  | 22.3 | 6.1  | 14.8 | 10.0 | 74.0 | 15.5 | 71.5 | 8.2  | 31.6 | 22.4 | 2.0  | 287.2 | 5                   |



Juncal 30

Q U I L L O T A

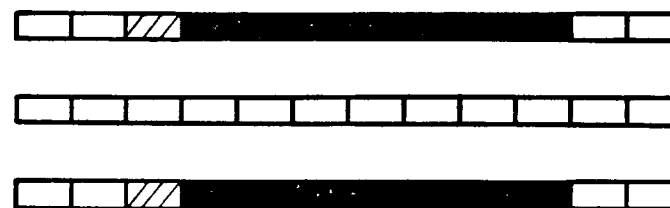
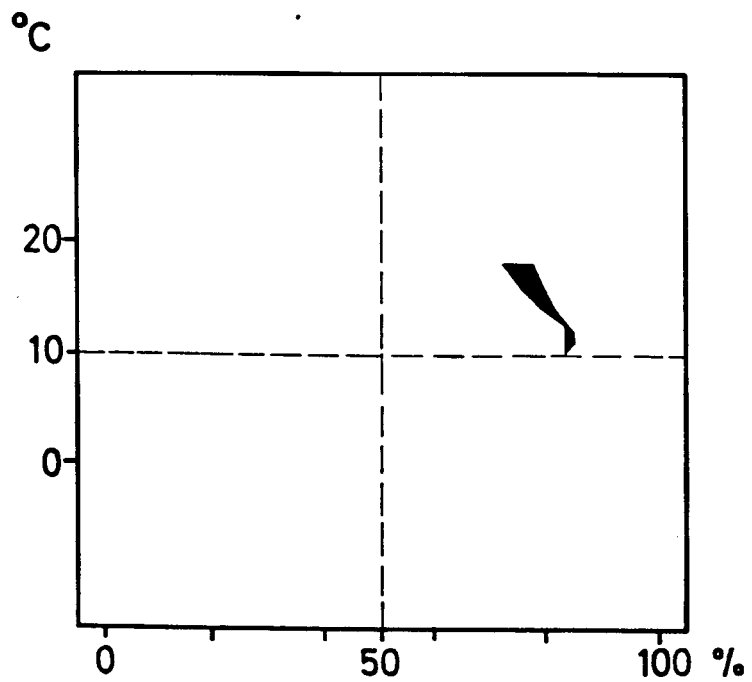
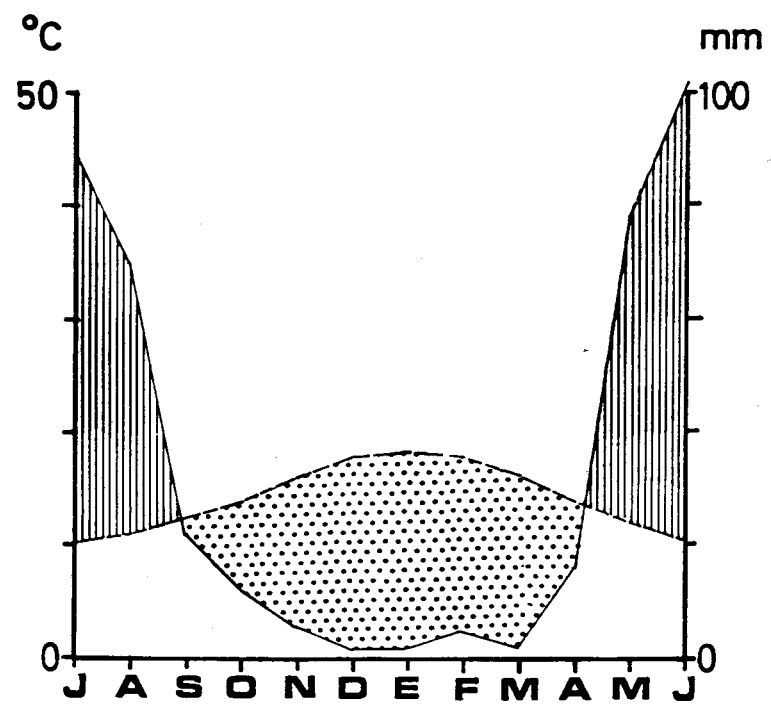
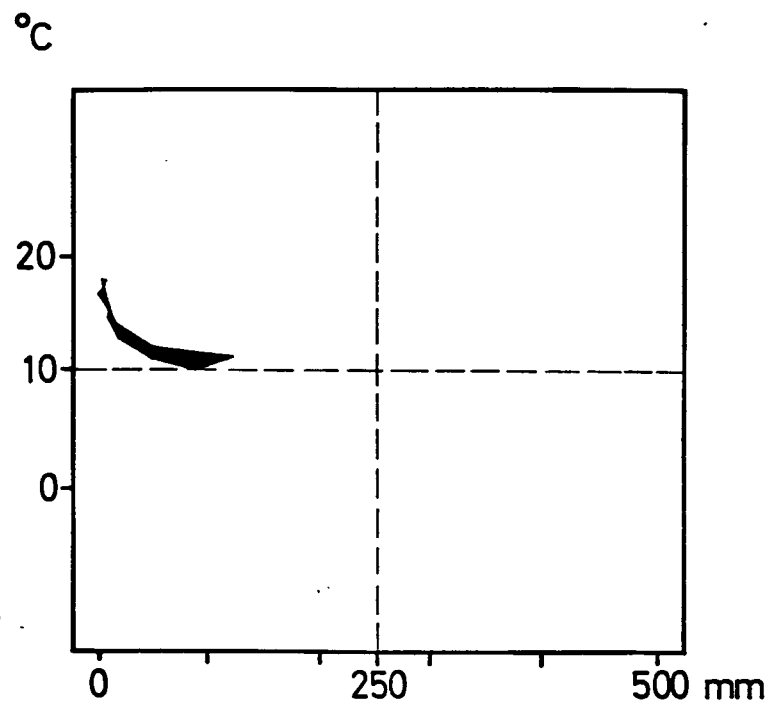
31 .

LATITUD 32 ° 53 ' S

LONGITUD 71 ° 16 ' W

ALTITUD 128 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 26.8 | 26.6 | 25.6 | 22.7 | 19.3 | 16.9  | 16.8 | 18.2 | 19.7 | 21.9 | 24.7 | 26.2 | 22.1  | 33                  |
| Temperatura<br>media        | 18.4 | 17.8 | 16.6 | 14.2 | 12.4 | 10.6  | 10.4 | 11.2 | 12.5 | 14.1 | 16.2 | 17.8 | 14.4  | 33                  |
| Temperatura<br>mínima media | 11.5 | 11.2 | 9.8  | 8.1  | 7.4  | 5.8   | 5.5  | 5.8  | 6.9  | 8.2  | 9.1  | 10.7 | 8.3   | 33                  |
| Humedad relativa            | 75   | 77   | 78   | 81   | 84   | 84    | 83   | 83   | 83   | 79   | 75   | 72   | 80    | 26                  |
| Precipitaciones             | 2.1  | 5.0  | 2.1  | 16.3 | 78.8 | 117.6 | 88.4 | 70.0 | 22.7 | 12.8 | 6.1  | 2.3  | 424.2 | 38                  |

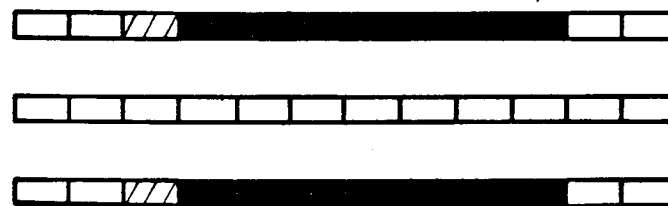
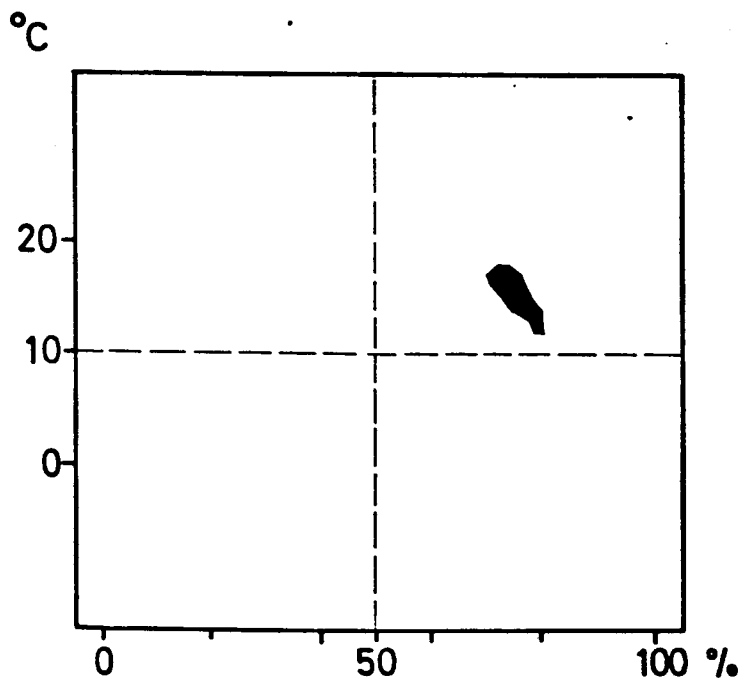
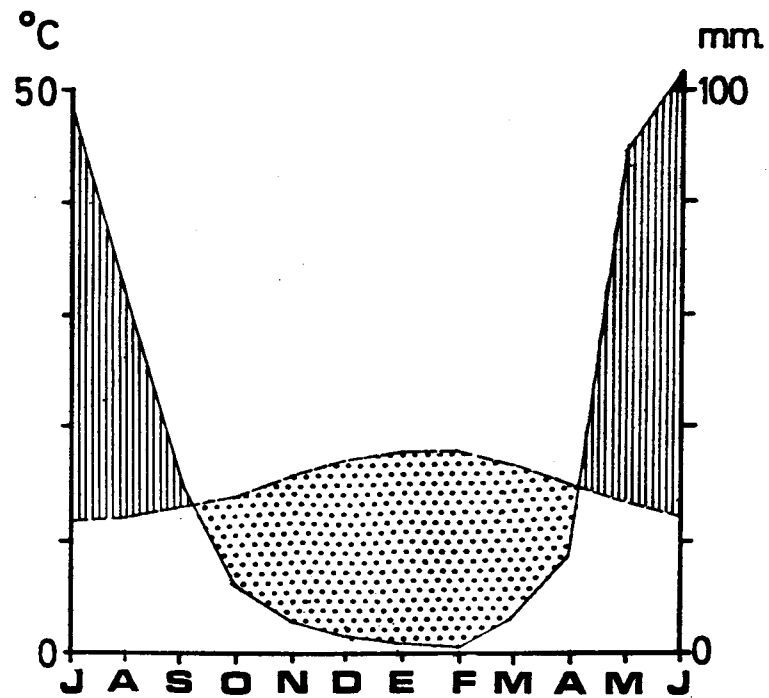
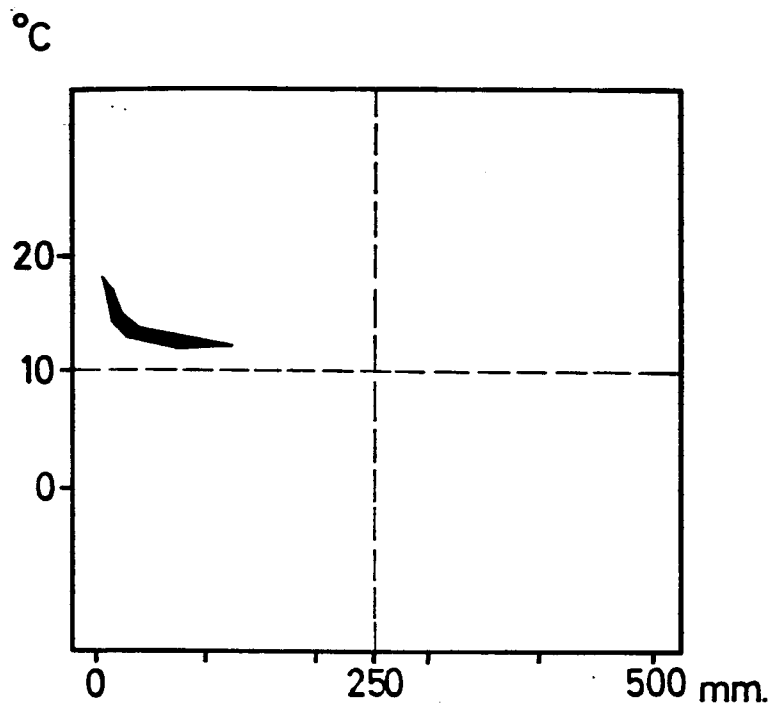


P U N T A   A N G E L E S

32 .

LATITUD 33 ° 01 ' S  
LONGITUD 71 ° 38 ' W  
ALTITUD 41 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 22.4 | 22.4 | 21.2 | 19.3 | 17.3 | 15.8  | 15.6 | 16.1 | 16.9 | 18.3 | 20.4 | 21.8 | 19.0  | 35                  |
| Temperatura<br>media        | 18.0 | 17.9 | 16.7 | 14.9 | 13.5 | 12.3  | 11.8 | 12.1 | 12.9 | 14.1 | 15.8 | 17.3 | 14.8  | 35                  |
| Temperatura<br>mínima media | 13.3 | 13.3 | 12.3 | 10.9 | 10.1 | 8.9   | 8.4  | 8.4  | 9.0  | 10.0 | 11.1 | 12.4 | 10.6  | 35                  |
| Humedad relativa            | 72   | 74   | 76   | 78   | 80   | 80    | 80   | 79   | 78   | 75   | 71   | 70   | 76    | 47                  |
| Precipitaciones             | 1.6  | 1.2  | 6.9  | 17.5 | 88.5 | 126.3 | 95.6 | 65.2 | 25.1 | 12.3 | 5.6  | 2.9  | 448.7 | 90                  |



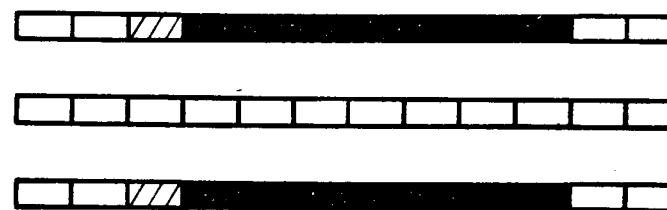
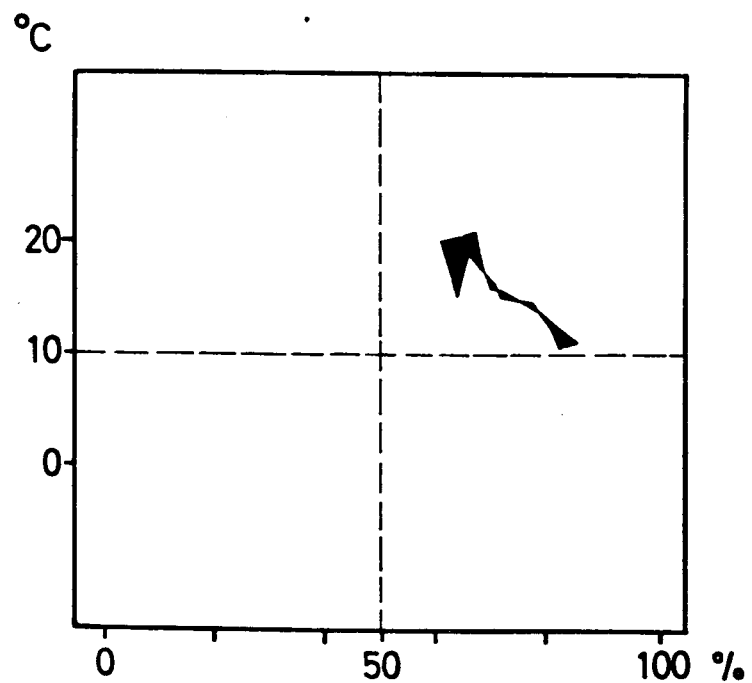
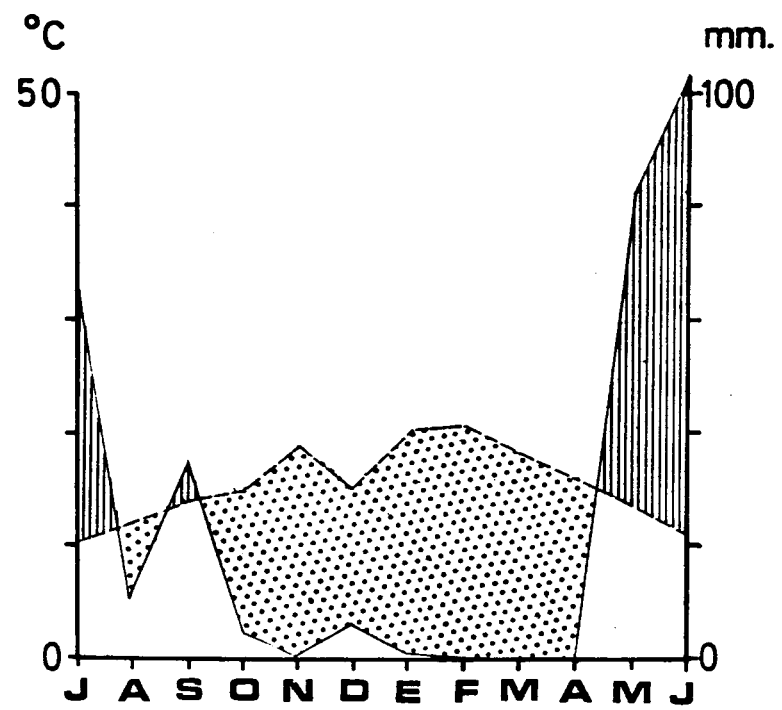
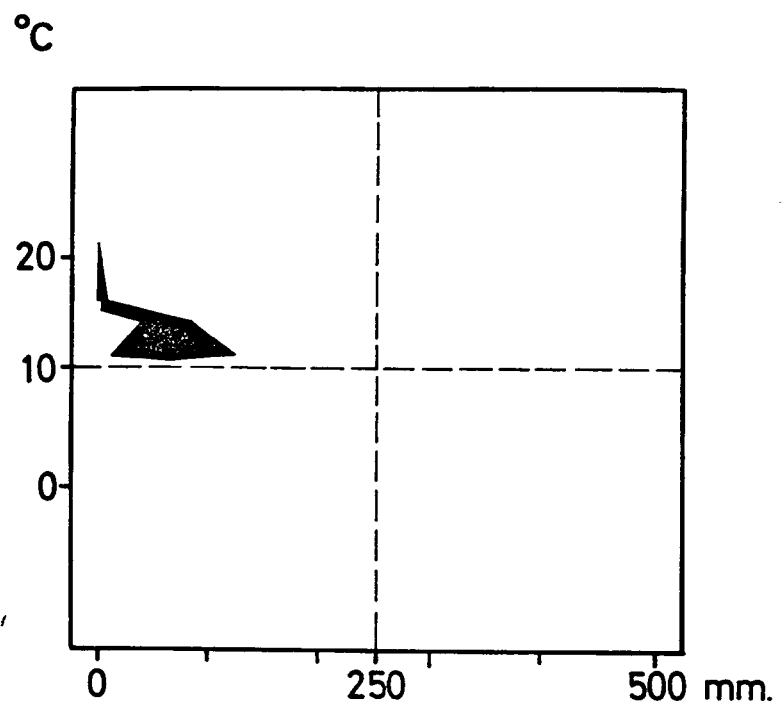
Pta. Angeles (Valparaíso) **32**

E L B E L L O T O

33 .

LATITUD 33 ° 03 ' S  
LONGITUD 71 ° 24 ' W  
ALTITUD 121 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.4 | 27.8 | 26.3 | 23.2 | 19.6 | 17.1  | 17.4 | 18.5 | 19.8 | 21.3 | 24.9 | 21.9 | 22.1  | 7                   |
| Temperatura<br>media        | 20.4 | 20.6 | 18.3 | 16.1 | 13.7 | 11.4  | 10.5 | 12.0 | 14.3 | 14.9 | 18.7 | 15.1 | 15.5  | 7                   |
| Temperatura<br>mínima media | 9.4  | 9.3  | 8.9  | 6.2  | 5.8  | 5.6   | 3.7  | 4.4  | 4.8  | 6.3  | 8.3  | 8.8  | 6.8   | 7                   |
| Humedad relativa            | 61   | 67   | 68   | 70   | 78   | 85    | 82   | 81   | 77   | 72   | 66   | 64   | 73    | 7                   |
| Precipitaciones             | 0.6  | --   | --   | --   | 83.4 | 128.1 | 64.7 | 10.5 | 35.2 | 4.7  | 0.5  | 6.5  | 334.2 | 7                   |



Q U I L P U E

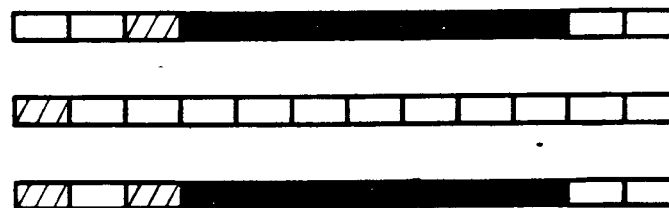
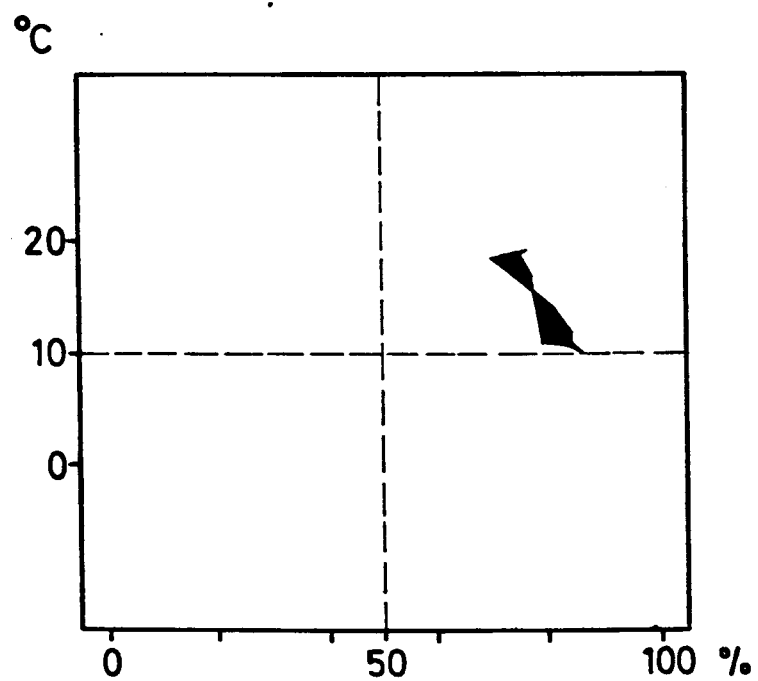
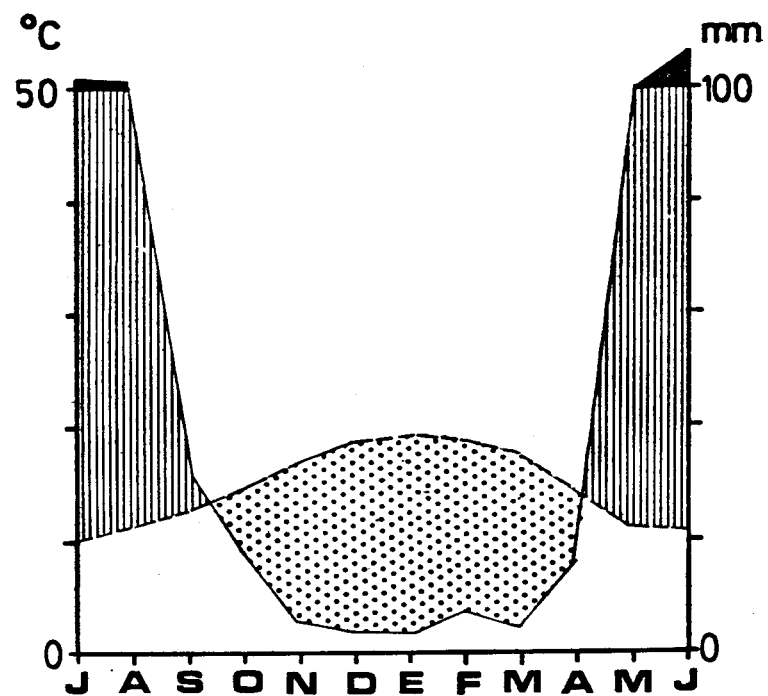
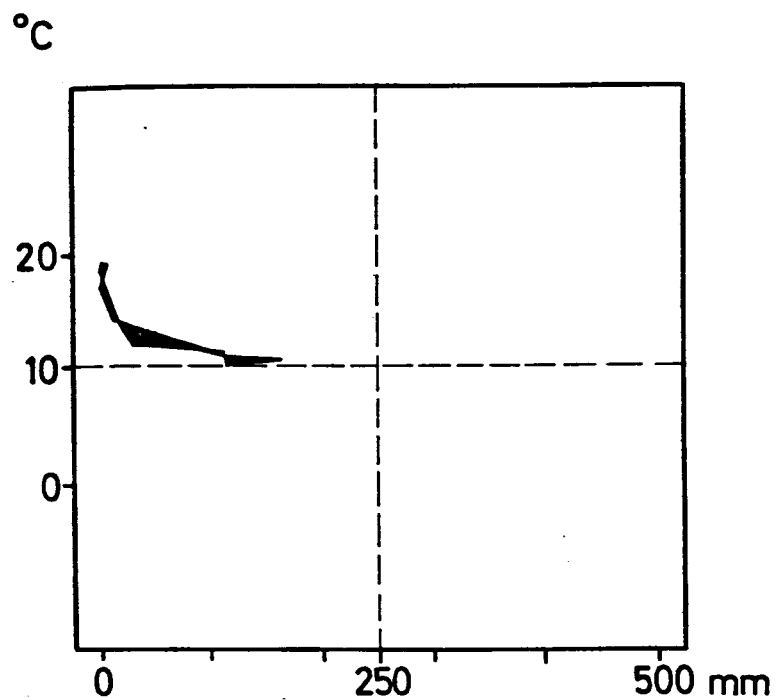
34 .

LATITUD 33 ° 04 ' S

LONGITUD 71 ° 30 ' W

ALTITUD 101 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 26.1 | 26.3 | 25.7 | 23.5 | 19.2  | 15.8  | 15.4  | 17.8  | 18.3 | 19.0 | 23.9 | 26.0 | 21.8  | 3                   |
| Temperatura<br>media        | 19.1 | 18.6 | 17.3 | 14.3 | 10.8  | 10.5  | 9.9   | 10.8  | 12.4 | 14.3 | 16.7 | 18.5 | 14.4  | 3                   |
| Temperatura<br>mínima media | 10.9 | 9.8  | 8.6  | 5.4  | 3.0   | 3.9   | 3.4   | 4.1   | 5.8  | 6.9  | 8.5  | 8.9  | 6.7   | 3                   |
| Humedad relativa            | 76   | 75   | 77   | 78   | 79    | 84    | 86    | 84    | 84   | 81   | 74   | 70   | 79    | 3                   |
| Precipitaciones             | 3.4  | 6.7  | 4.2  | 16.0 | 104.4 | 168.5 | 115.0 | 112.7 | 31.4 | 18.3 | 4.8  | 3.0  | 588.4 | 27                  |



P E Ñ A B L A N C A

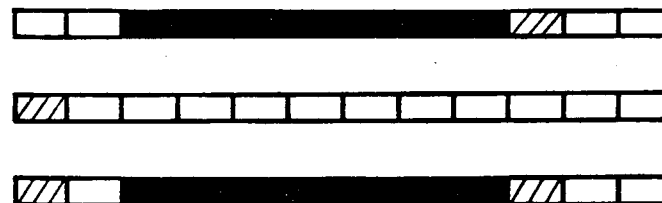
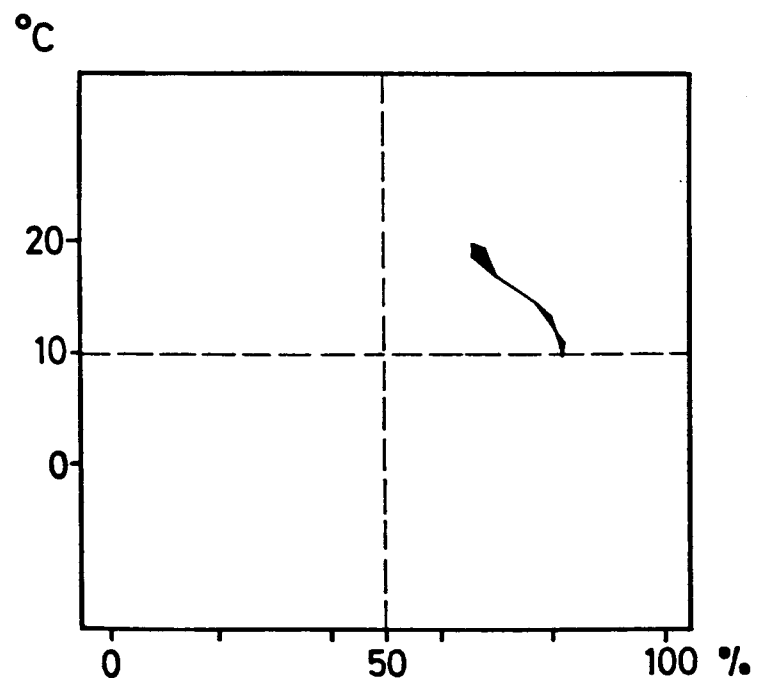
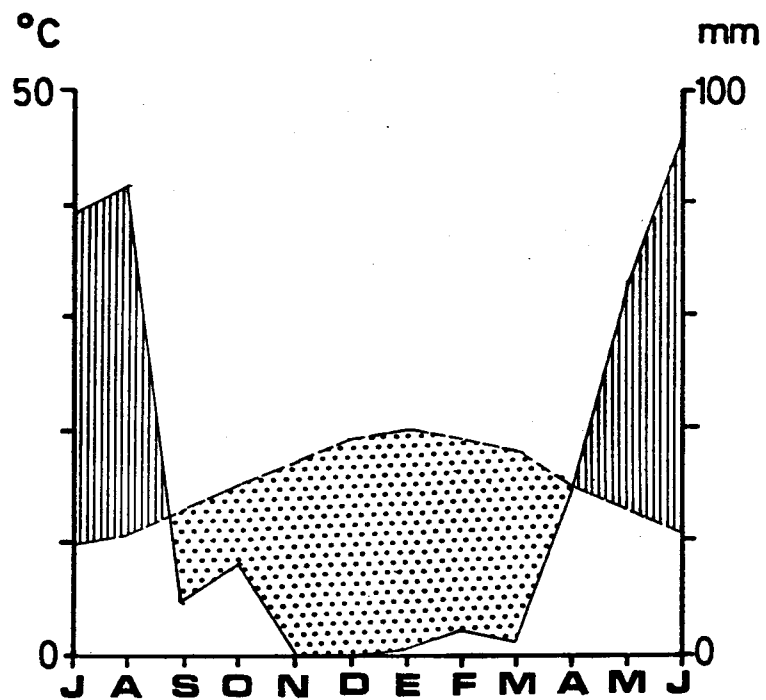
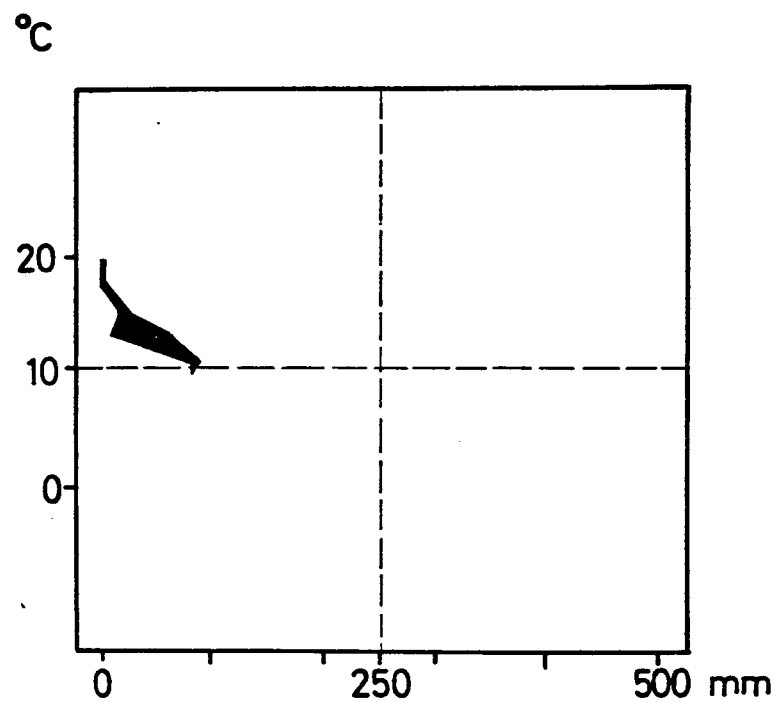
35 .

LATITUD 33 ° 04 ' S

LONGITUD 71 ° 23 ' W

ALTITUD 154 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.2 | 27.2 | 26.3 | 22.4 | 19.6 | 17.1 | 16.0 | 17.4 | 19.9 | 22.2 | 24.5 | 26.9 | 22.2  | 7                   |
| Temperatura<br>media        | 19.8 | 19.1 | 17.8 | 14.8 | 12.8 | 10.6 | 9.7  | 10.3 | 12.9 | 15.0 | 17.0 | 18.8 | 14.9  | 7                   |
| Temperatura<br>mínima media | 13.8 | 13.8 | 12.2 | 9.7  | 8.2  | 6.1  | 5.2  | 5.3  | 8.3  | 10.2 | 11.8 | 12.8 | 9.8   | 7                   |
| Humedad relativa            | 66   | 68   | 70   | 77   | 80   | 82   | 82   | 82   | 80   | 76   | 70   | 66   | 75    | 7                   |
| Precipitaciones             | 0.7  | 4.1  | 2.0  | 29.7 | 66.1 | 91.2 | 79.2 | 83.4 | 9.2  | 16.2 | 0.2  | 0.1  | 382.3 | 8                   |



C O L I N A

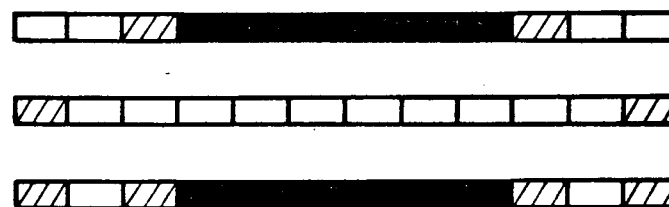
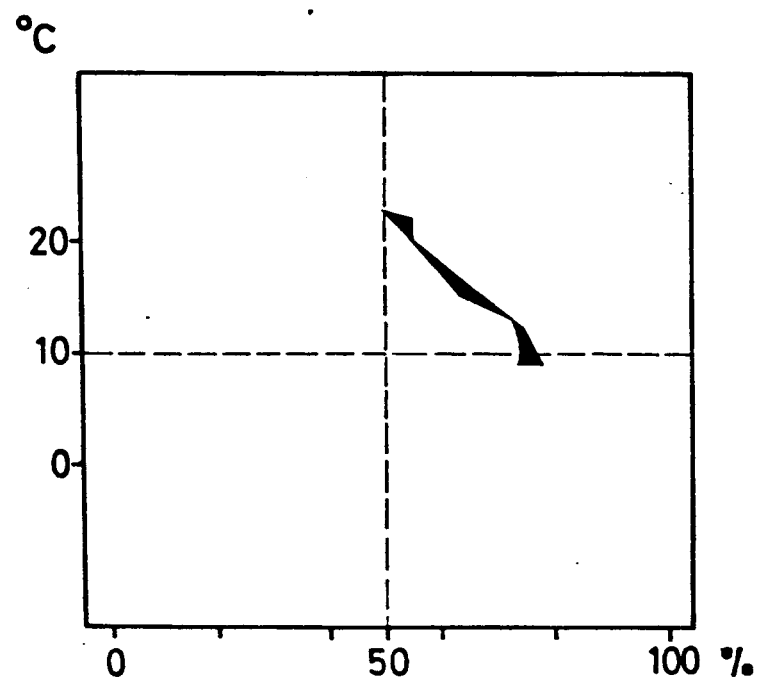
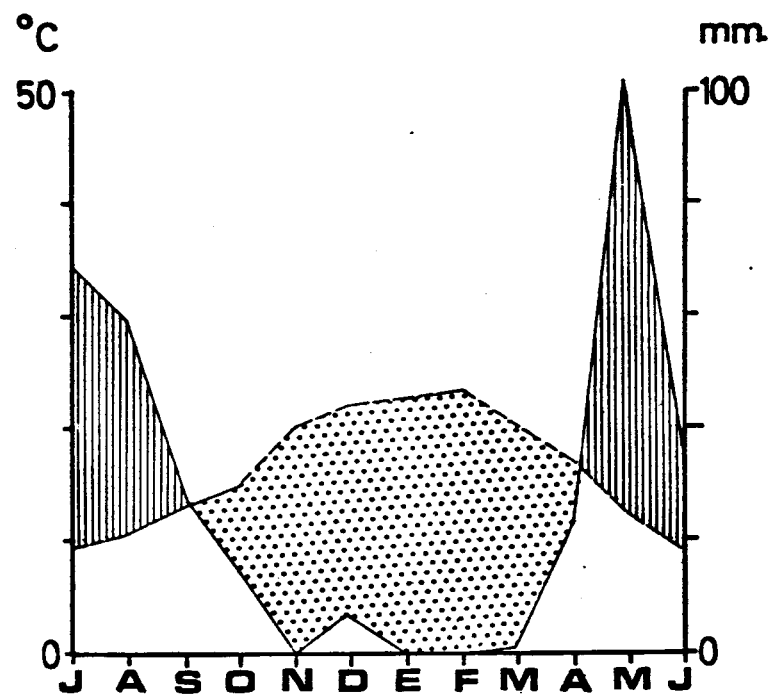
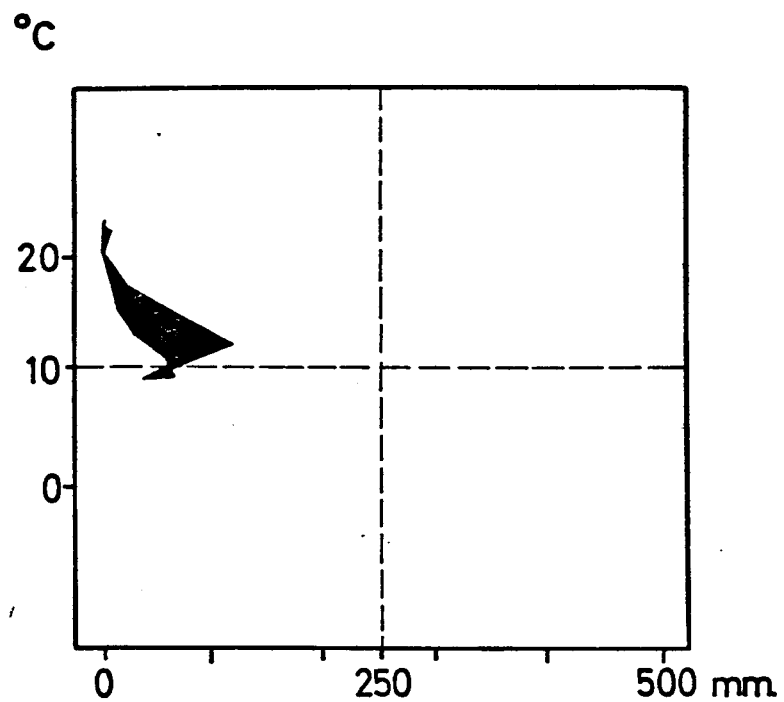
36 .

LATITUD 33 ° 12 ' S

LONGITUD 70 ° 40 ' W

ALTITUD 542 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 30.6 | 31.0 | 28.4 | 23.7 | 17.8  | 14.5 | 14.9 | 17.5 | 19.2 | 22.0 | 27.3 | 28.5 | 23.0  | 7                   |
| Temperatura<br>media        | 22.5 | 23.3 | 20.2 | 16.7 | 12.2  | 9.1  | 8.8  | 10.6 | 13.0 | 14.9 | 20.1 | 22.2 | 16.1  | 7                   |
| Temperatura<br>mínima media | 10.5 | 10.6 | 8.8  | 5.9  | 4.1   | 2.6  | 1.3  | 3.3  | 4.1  | 5.6  | 8.4  | 10.3 | 6.3   | 7                   |
| Humedad relativa            | 50   | 49   | 55   | 62   | 75    | 78   | 74   | 74   | 73   | 64   | 55   | 55   | 64    | 7                   |
| Precipitaciones             | 0.1  | --   | 0.5  | 23.2 | 117.1 | 36.6 | 68.2 | 59.6 | 27.6 | 14.7 | --   | 6.9  | 354.5 | 7                   |

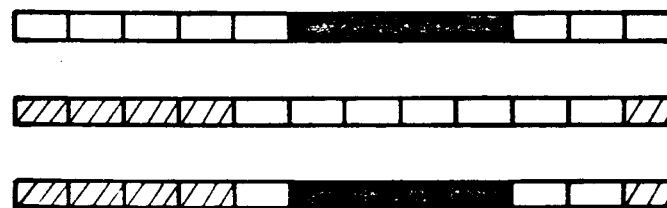
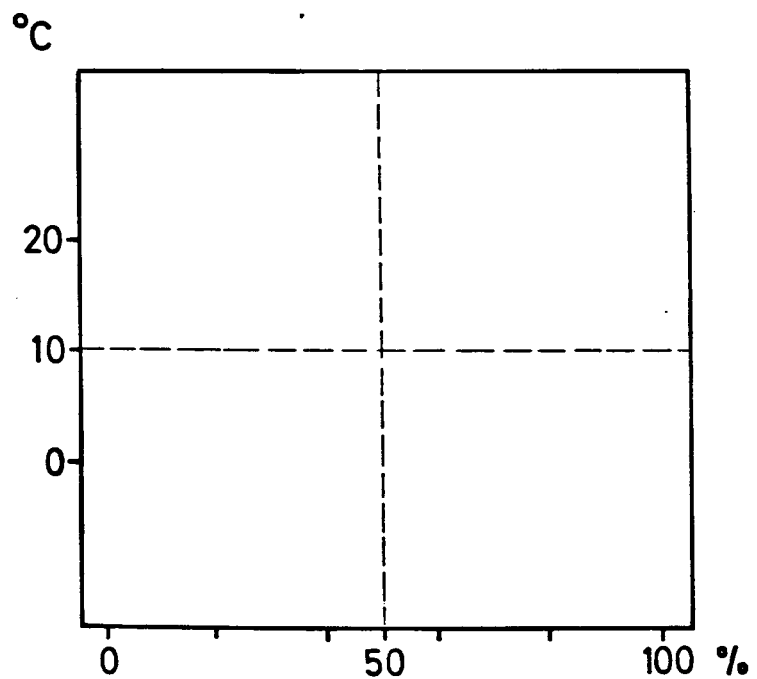
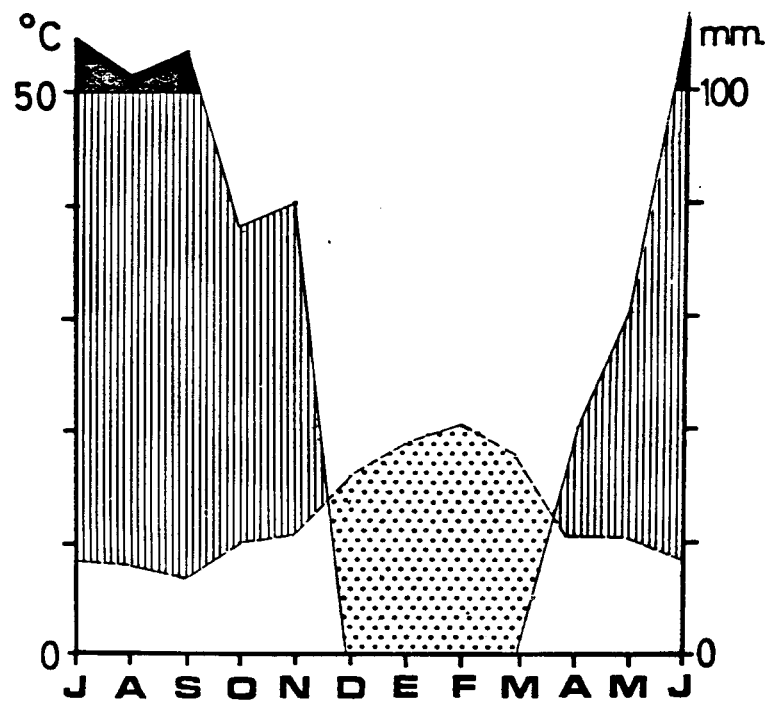
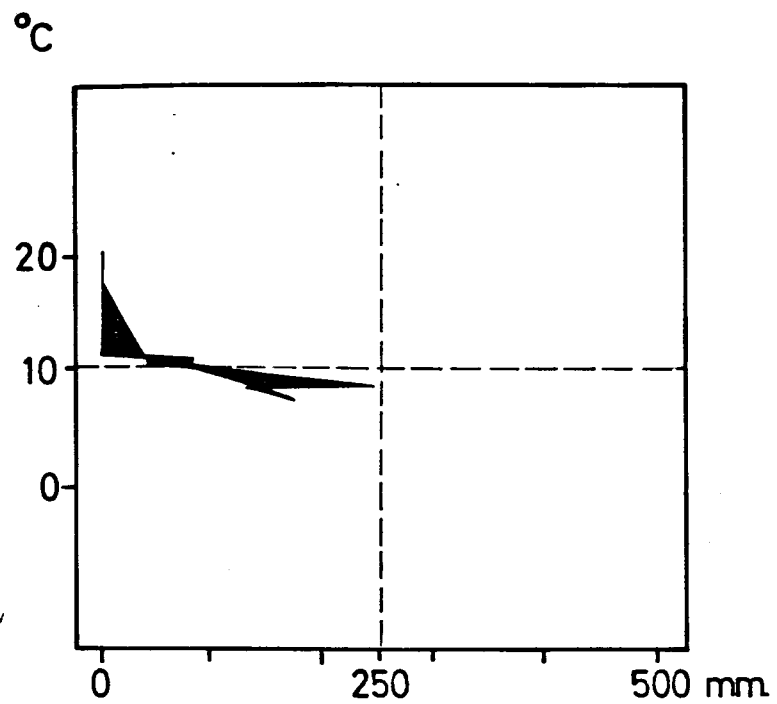


M A I T E N R E D O N D O

37 .

LATITUD 33 ° 18 ' S  
LONGITUD 70 ° 22 ' W  
ALTITUD 2.600 m

|                             | ENE       | FEB  | MAR  | ABR  | MAY  | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|-----------|------|------|------|------|-------|-------|-------|-------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | sin datos |      |      |      |      |       |       |       |       |      |      |      |       |                     |
| Temperatura<br>media        | 18.8      | 20.3 | 17.3 | 10.4 | 10.2 | 8.4   | 8.0   | 7.7   | 6.6   | 9.8  | 10.5 | 15.7 | 12.0  | 1                   |
| Temperatura<br>mínima media | sin datos |      |      |      |      |       |       |       |       |      |      |      |       |                     |
| Humedad relativa            | sin datos |      |      |      |      |       |       |       |       |      |      |      |       |                     |
| Precipitaciones             | --        | --   | 0.2  | 40.2 | 61.5 | 242.7 | 192.5 | 128.1 | 170.1 | 75.9 | 80.2 | --   | 991.4 | 1                   |



S A N T I A G O (OMC)

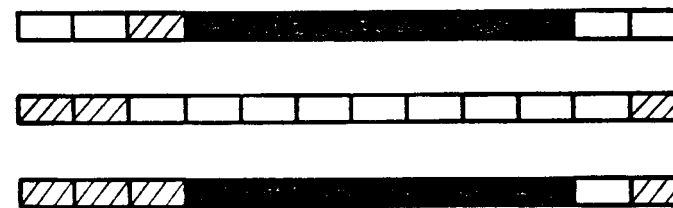
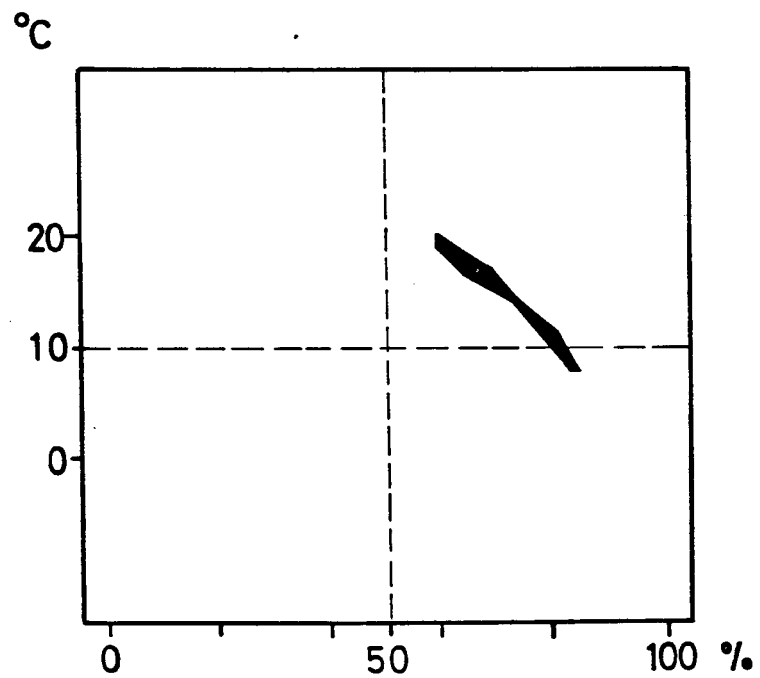
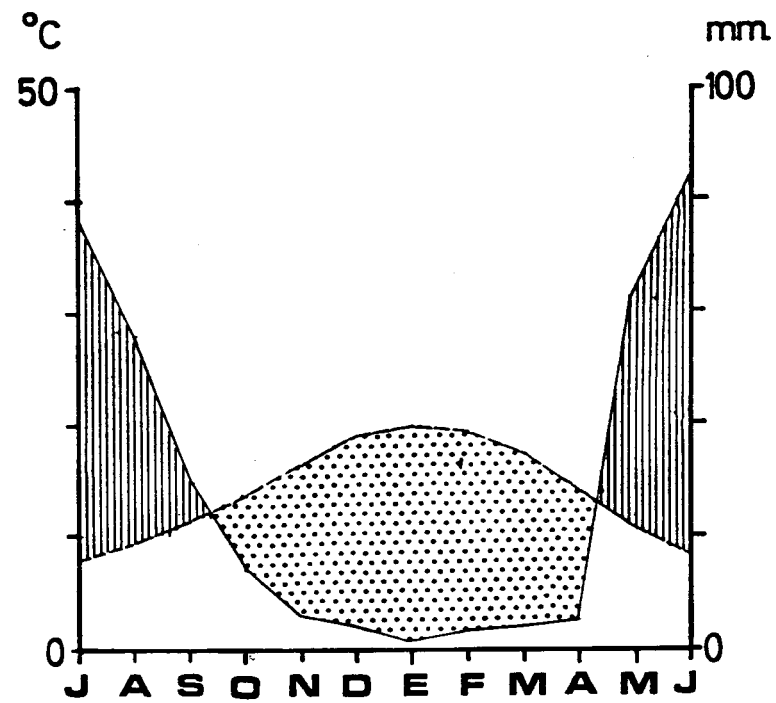
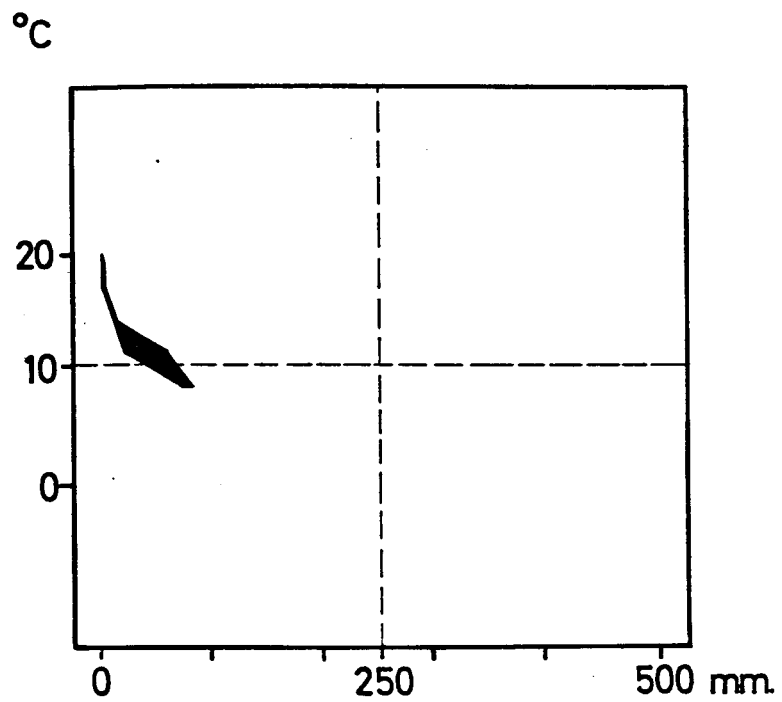
38 .

LATITUD 33 ° 27 ' S

LONGITUD 70 ° 42 ' W

ALTITUD 520 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 29.5 | 28.9 | 26.4 | 22.9 | 17.9 | 14.5 | 14.6 | 16.2 | 18.5 | 22.0 | 25.3 | 28.1 | 22.1  | 35                  |
| Temperatura<br>media        | 19.9 | 19.2 | 17.2 | 13.9 | 10.8 | 8.4  | 8.1  | 9.3  | 11.4 | 13.7 | 16.4 | 18.8 | 13.9  | 85                  |
| Temperatura<br>mínima media | 12.2 | 11.7 | 10.0 | 7.5  | 5.7  | 3.7  | 3.3  | 4.2  | 5.9  | 7.8  | 9.4  | 11.1 | 7.7   | 35                  |
| Humedad relativa            | 59   | 63   | 69   | 74   | 81   | 84   | 83   | 81   | 78   | 73   | 65   | 59   | 72    | 70                  |
| Precipitaciones             | 1.6  | 2.7  | 4.1  | 14.9 | 62.5 | 83.7 | 75.7 | 56.5 | 29.8 | 14.5 | 6.1  | 4.2  | 356.2 | 89                  |



Santiago 38

L O S      C E R R I L L O S

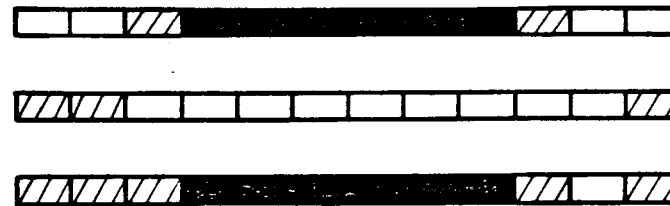
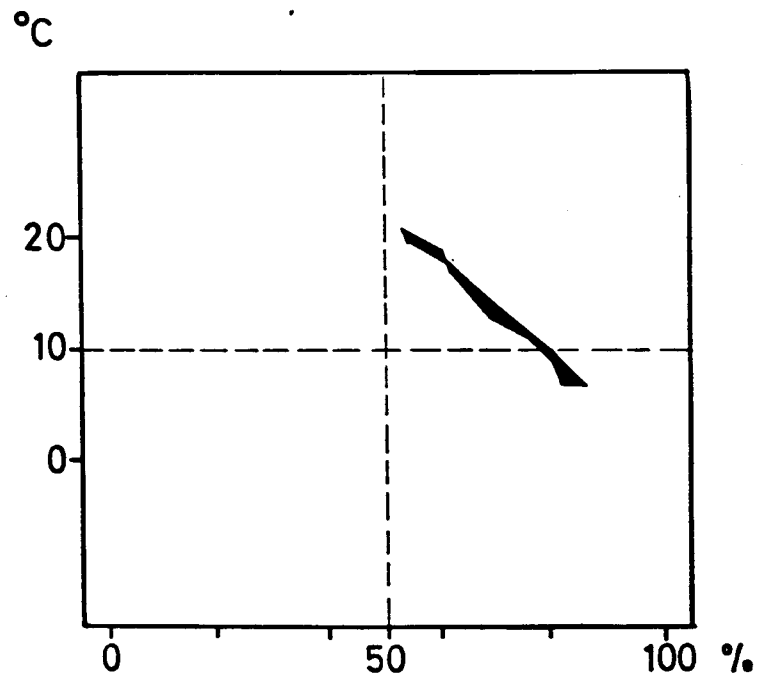
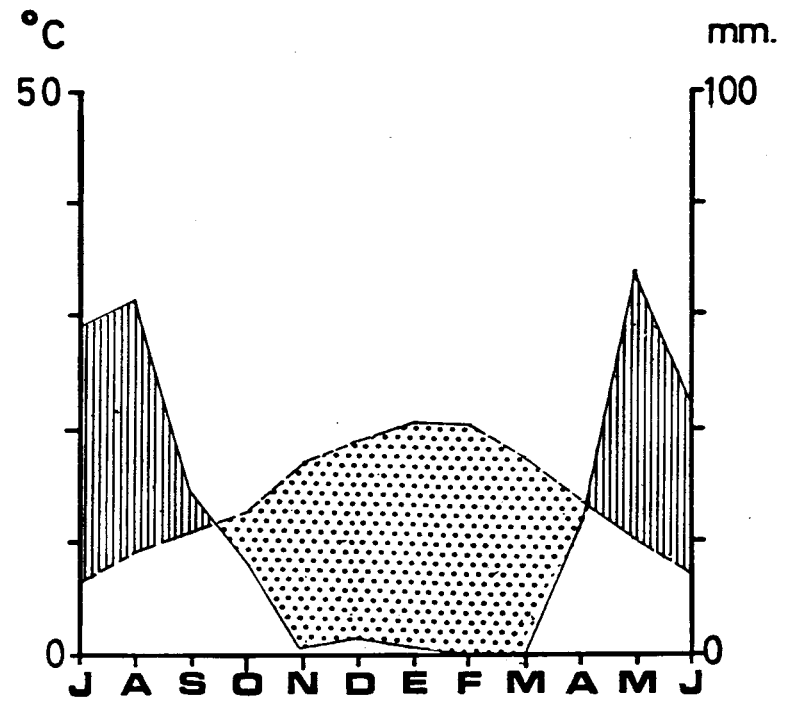
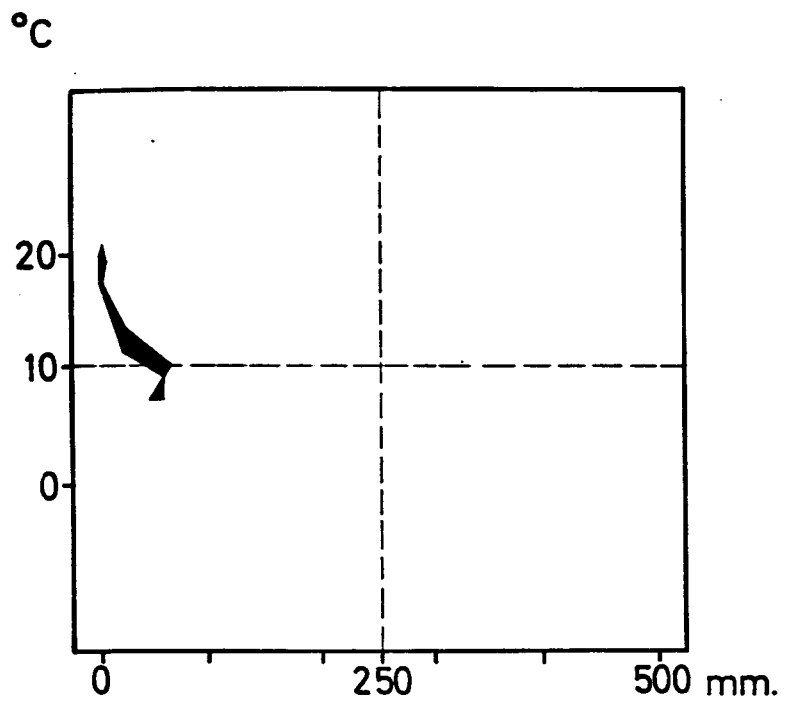
39 .

LATITUD 33 ° 30 ' S

LONGITUD 70 ° 42 ' W

ALTITUD 506 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 29.5 | 29.8 | 27.0 | 22.7 | 17.7 | 14.5 | 14.3 | 16.5 | 18.4 | 21.0 | 26.7 | 28.2 | 22.2  | 7                   |
| Temperatura<br>media        | 20.6 | 20.3 | 17.5 | 13.5 | 10.1 | 7.3  | 6.8  | 9.1  | 10.9 | 12.8 | 17.1 | 18.8 | 13.8  | 7                   |
| Temperatura<br>mínima media | 11.2 | 10.7 | 9.1  | 5.9  | 4.4  | 2.3  | 1.4  | 3.5  | 4.7  | 5.9  | 8.5  | 10.3 | 6.5   | 7                   |
| Humedad relativa            | 53   | 54   | 62   | 71   | 80   | 86   | 82   | 80   | 76   | 69   | 62   | 60   | 70    | 7                   |
| Precipitaciones             | 1.1  | 0.1  | 0.4  | 23.9 | 68.7 | 45.1 | 59.0 | 63.0 | 28.6 | 16.3 | 1.1  | 2.8  | 310.1 | 7                   |



S A N      A N T O N I O

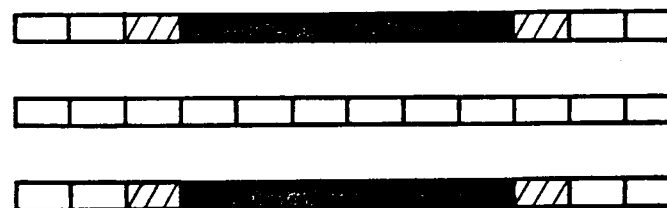
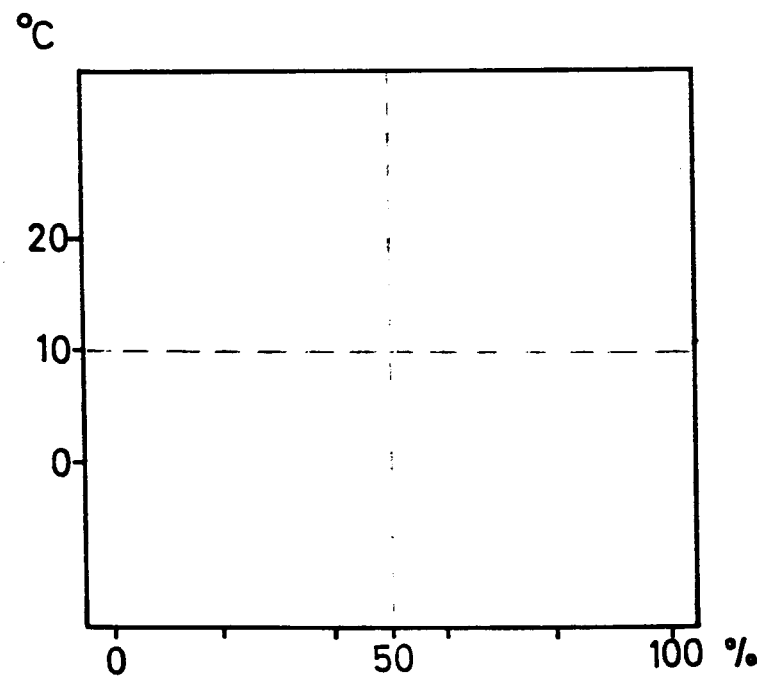
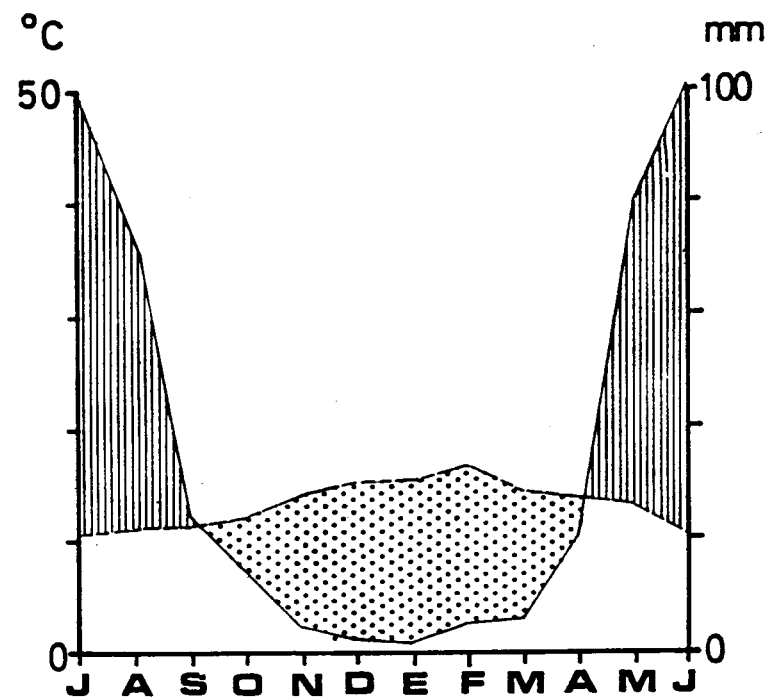
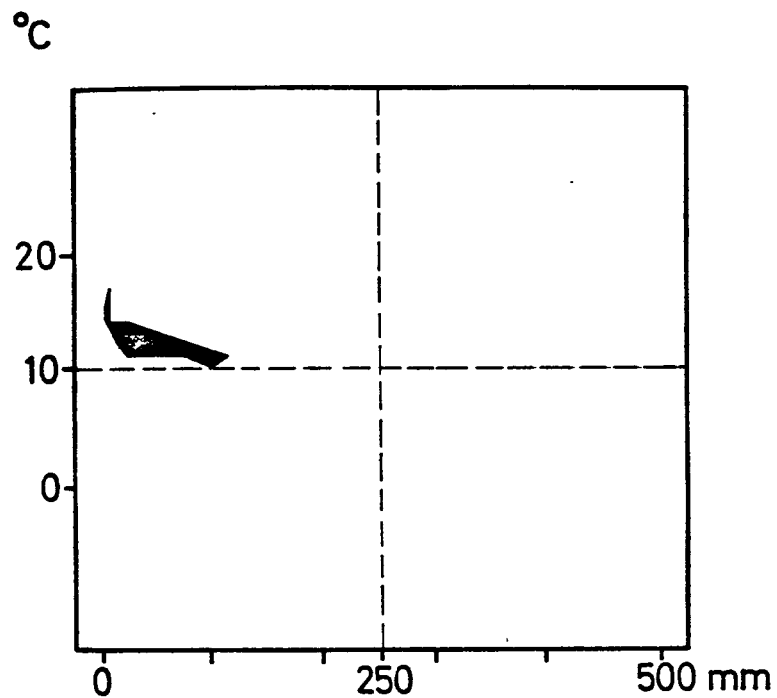
40 .

LATITUD 33 ° 34 ' S

LONGITUD 71 ° 37 ' W

ALTITUD 5 m

|                             | ENE       | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|-----------|------|------|------|------|-------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.0      | 19.6 | 17.3 | 17.5 | 16.3 | 14.7  | 14.1 | 14.3 | 15.1 | 15.9 | 17.1 | 18.6 | 16.5  | 2                   |
| Temperatura<br>media        | 15.2      | 16.6 | 14.3 | 13.8 | 13.3 | 10.6  | 10.2 | 10.7 | 10.9 | 11.9 | 14.0 | 15.1 | 13.2  | 2                   |
| Temperatura<br>mínima media | 12.1      | 13.3 | 10.8 | 9.7  | 10.1 | 6.4   | 6.2  | 7.0  | 6.3  | 7.6  | 10.5 | 10.9 | 9.2   | 2                   |
| Humedad relativa            | sin datos |      |      |      |      |       |      |      |      |      |      |      |       |                     |
| Precipitaciones             | 1.4       | 5.4  | 6.1  | 20.3 | 80.9 | 112.3 | 98.0 | 71.1 | 24.4 | 14.7 | 4.4  | 2.3  | 441.3 | 14                  |



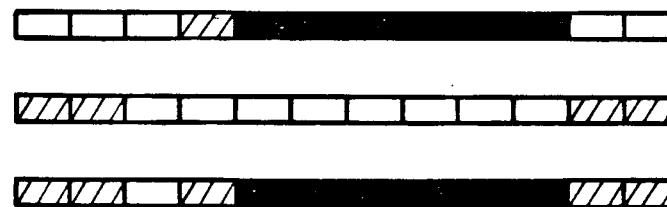
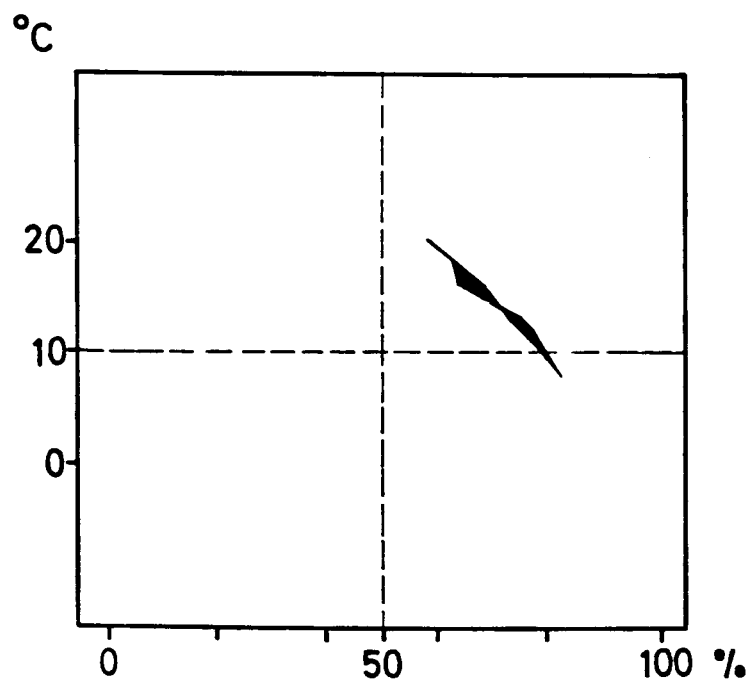
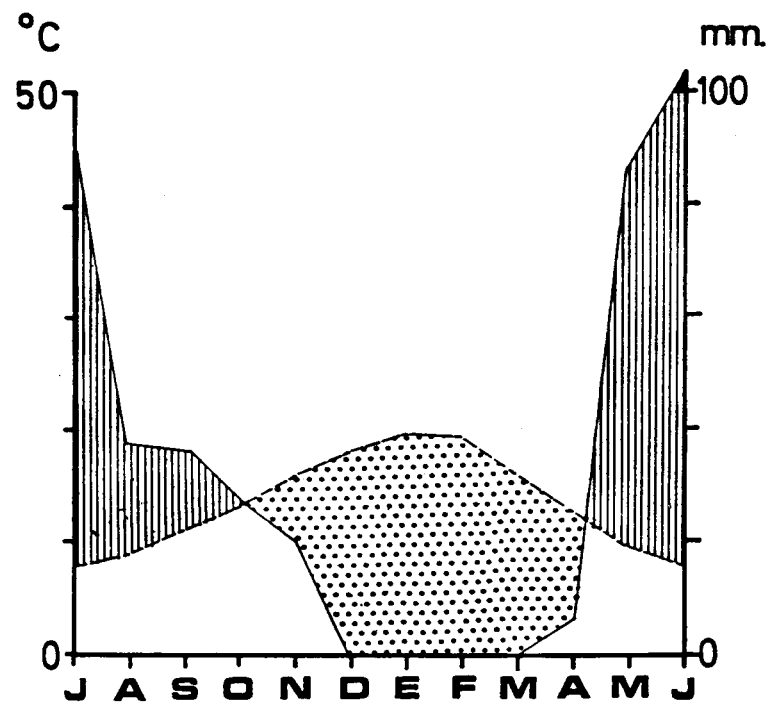
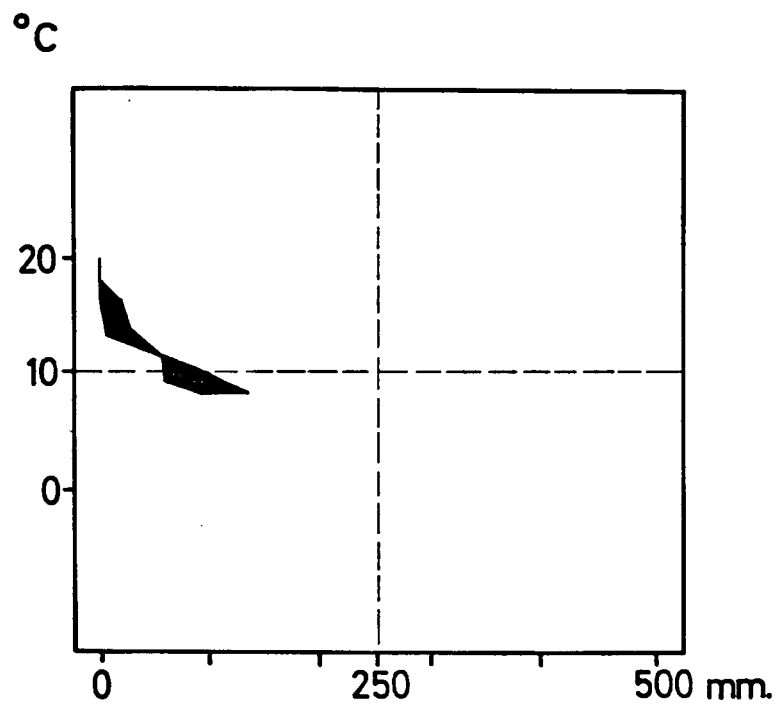
San Antonio 40

L O E S P E J O

41 .

LATITUD 33 ° 34 ' S  
LONGITUD 70 ° 42 ' W  
ALTITUD 580 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 28.3 | 28.0 | 25.0 | 21.2 | 17.2 | 14.4  | 14.6 | 15.8 | 18.2 | 20.7 | 23.9 | 26.3 | 21.1  | 3                   |
| Temperatura<br>media        | 19.9 | 19.5 | 16.1 | 12.7 | 9.8  | 8.1   | 8.3  | 9.1  | 11.2 | 13.4 | 16.1 | 18.1 | 13.5  | 3                   |
| Temperatura<br>mínima media | 11.2 | 10.8 | 8.7  | 6.4  | 4.6  | 3.5   | 3.8  | 4.5  | 5.6  | 7.7  | 8.7  | 10.5 | 7.2   | 3                   |
| Humedad relativa            | 58   | 59   | 68   | 73   | 79   | 82    | 82   | 81   | 77   | 75   | 64   | 63   | 72    | 3                   |
| Precipitaciones             | --   | --   | --   | 6.4  | 86.8 | 134.9 | 89.0 | 58.1 | 56.5 | 28.2 | 20.3 | --   | 480.2 | 3                   |

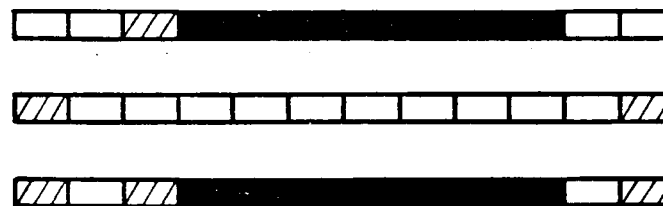
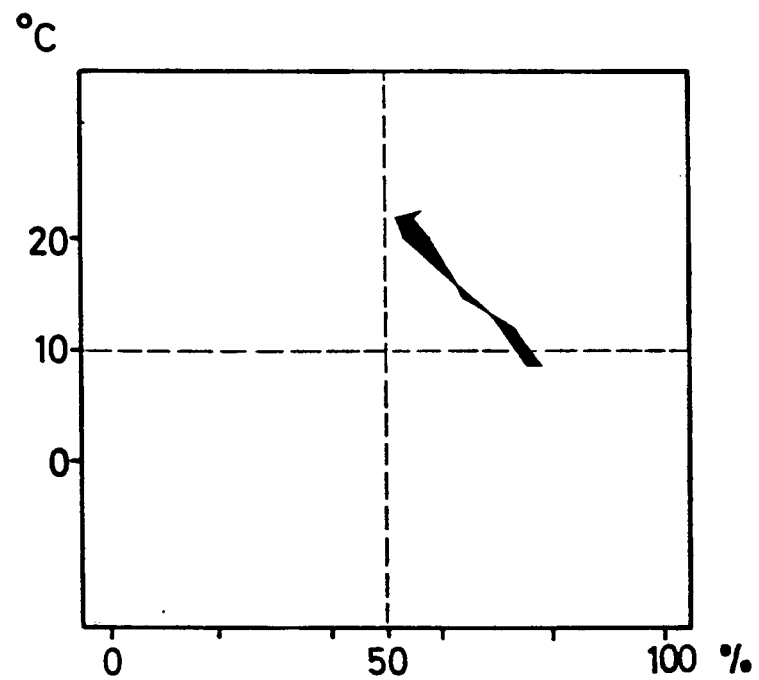
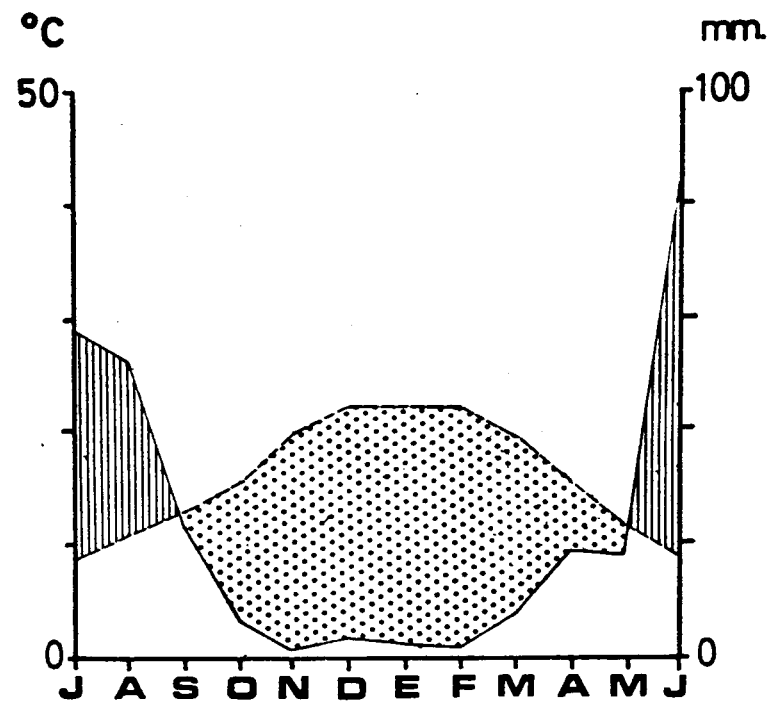
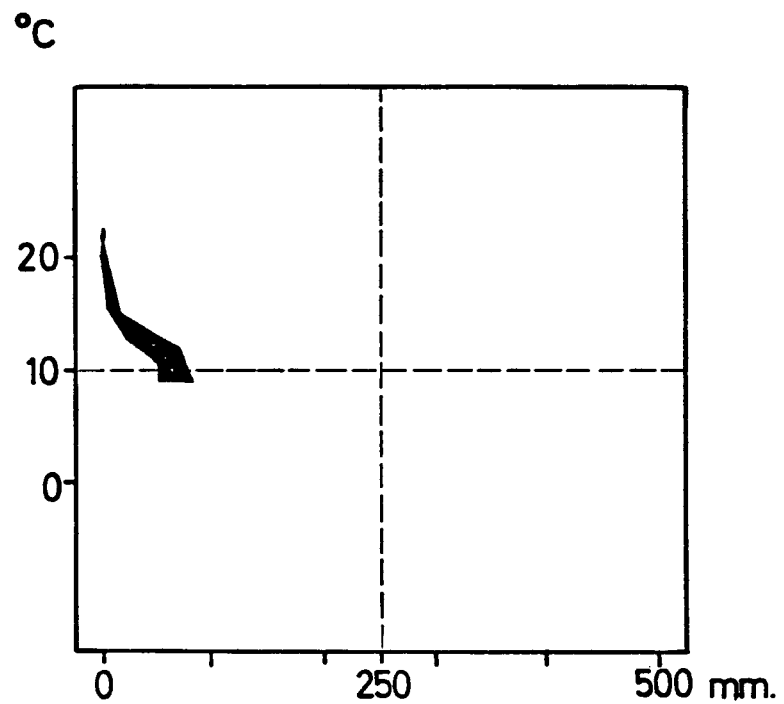


E L B O S Q U E

42 .

LATITUD 33 ° 34 ' S  
LONGITUD 70 ° 41 ' W  
ALTITUD 580 m

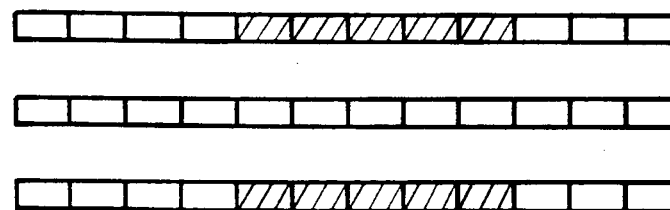
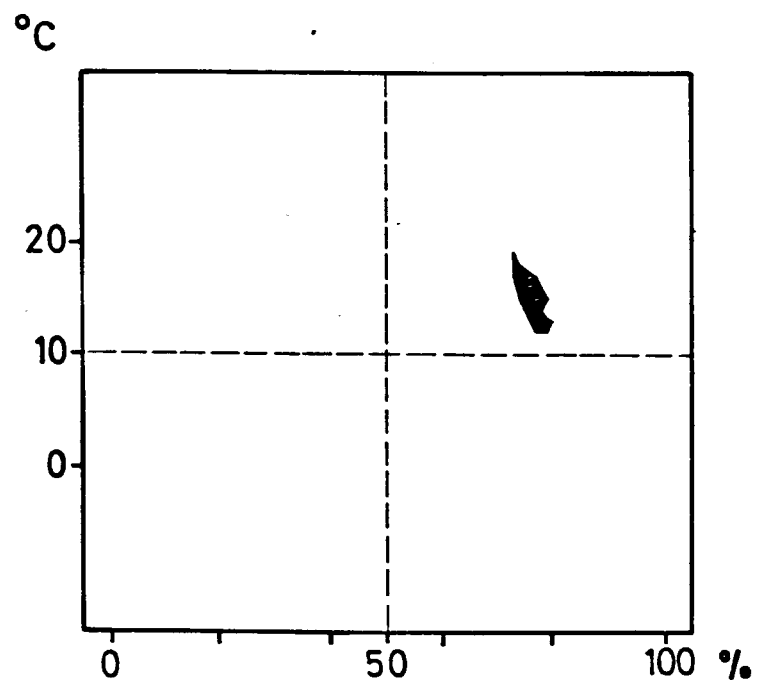
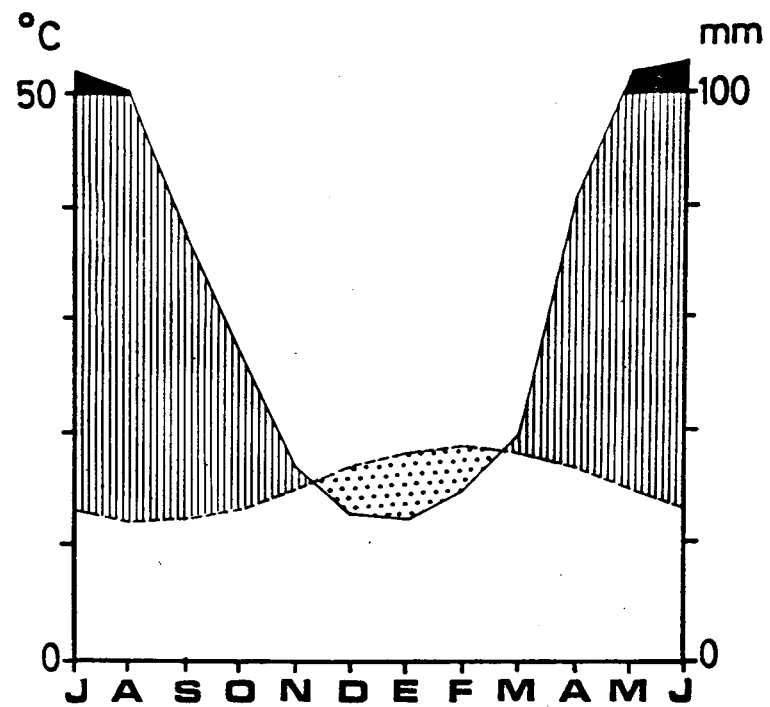
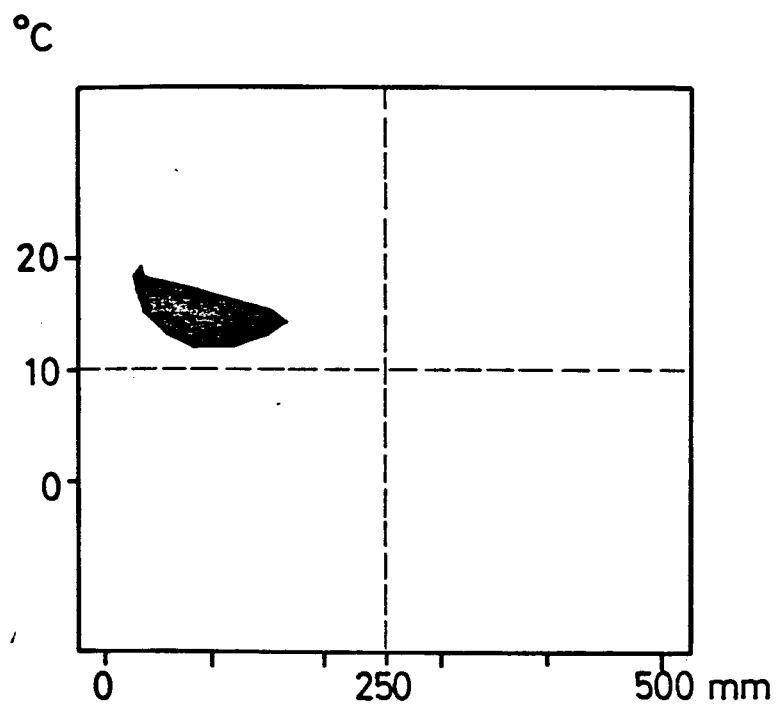
|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 28.5 | 29.1 | 26.5 | 21.8 | 17.0 | 13.4 | 13.5 | 15.5 | 17.8 | 20.4 | 25.9 | 27.5 | 21.4  | 7                   |
| Temperatura<br>media        | 22.5 | 22.2 | 19.7 | 15.3 | 11.6 | 9.1  | 8.6  | 10.7 | 12.9 | 15.5 | 19.9 | 22.0 | 15.8  | 7                   |
| Temperatura<br>mínima media | 10.9 | 10.5 | 8.9  | 6.2  | 4.3  | 3.2  | 3.3  | 2.9  | 3.6  | 5.3  | 8.5  | 9.9  | 6.5   | 7                   |
| Humedad relativa            | 56   | 55   | 58   | 64   | 73   | 78   | 76   | 73   | 70   | 64   | 54   | 52   | 64    | 7                   |
| Precipitaciones             | 2.5  | 1.5  | 7.3  | 18.6 | 71.3 | 82.8 | 57.8 | 52.5 | 23.1 | 6.3  | 1.3  | 2.9  | 329.9 | 7                   |



I S L A      J U A N      F E R N A N D E Z      43 .

LATITUD 33 ° 37 ' S  
 LONGITUD 78 ° 52 ' W  
 ALTITUD 6 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 21.7 | 22.0 | 21.0 | 19.7 | 17.8  | 16.0  | 15.1  | 14.7  | 15.2 | 16.2 | 18.0 | 20.0 | 17.9    | 35                  |
| Temperatura<br>media        | 18.4 | 18.9 | 18.3 | 16.8 | 15.2  | 13.7  | 12.9  | 12.3  | 12.4 | 13.3 | 15.0 | 17.0 | 15.3    | 35                  |
| Temperatura<br>mínima media | 15.2 | 15.6 | 15.1 | 13.4 | 12.0  | 10.5  | 9.8   | 9.2   | 9.4  | 10.2 | 11.7 | 14.0 | 12.2    | 35                  |
| Humedad relativa            | 74   | 73   | 74   | 77   | 79    | 78    | 80    | 79    | 77   | 76   | 74   | 73   | 76      | 35                  |
| Precipitaciones             | 24.9 | 30.1 | 39.8 | 82.4 | 149.0 | 160.3 | 142.0 | 113.8 | 76.8 | 54.5 | 34.2 | 26.4 | 1.152.2 | 48                  |



S A N J O S E D E M A I P O

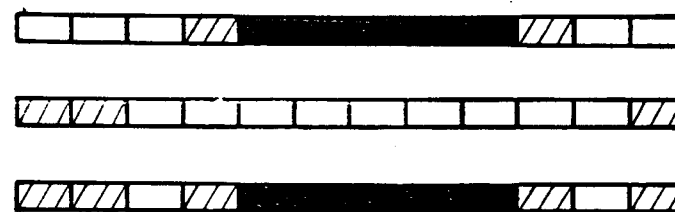
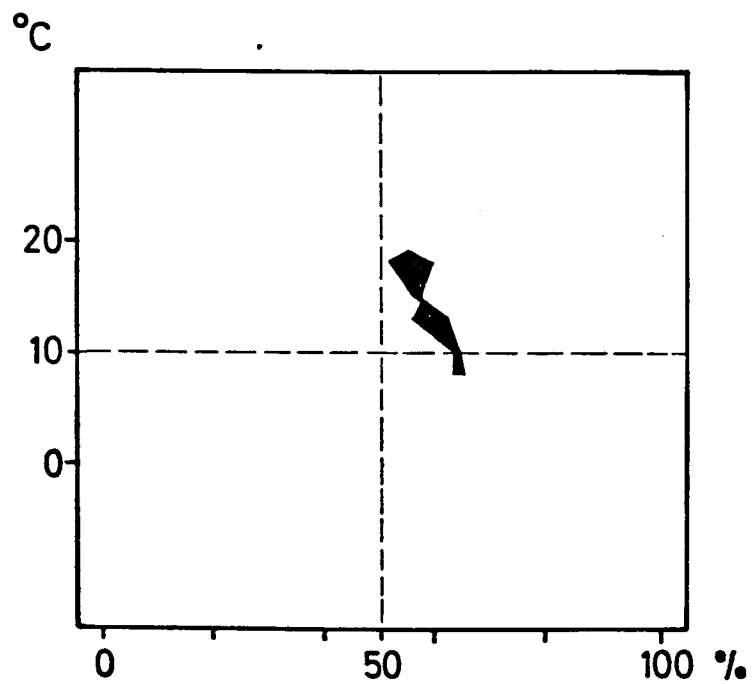
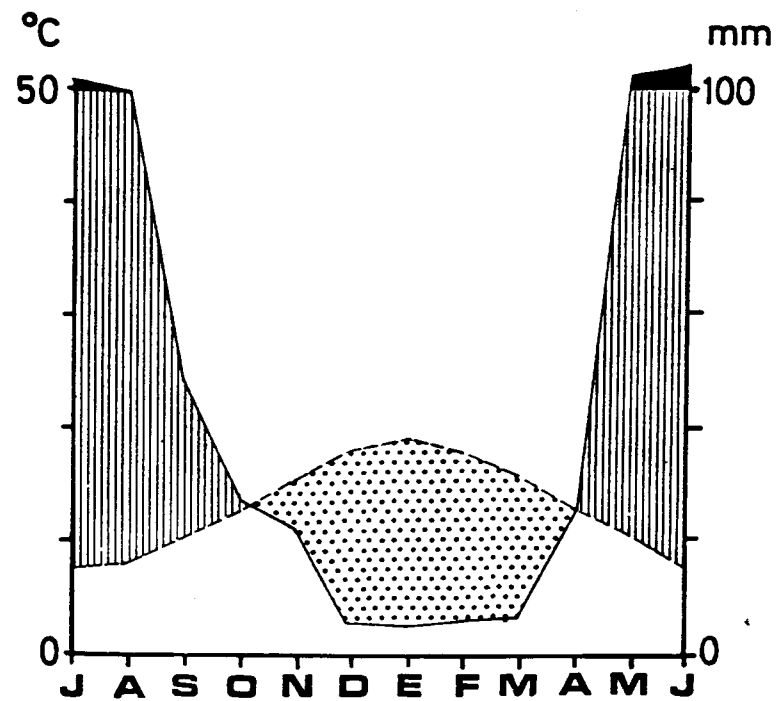
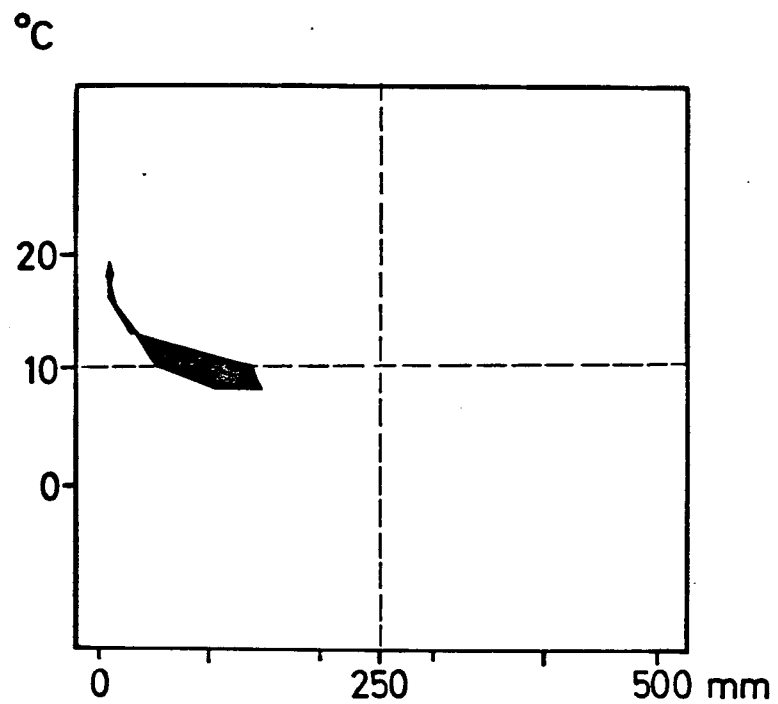
44 .

LATITUD 33 ° 39 ' S

LONGITUD 70 ° 22 ' W

ALTITUD 1.060 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.8 | 27.1 | 25.3 | 22.3 | 18.2  | 15.5  | 15.5  | 16.0 | 18.5 | 20.6 | 23.8 | 27.0 | 21.5  | 11                  |
| Temperatura<br>media        | 18.9 | 17.8 | 15.7 | 12.9 | 10.4  | 7.8   | 7.7   | 7.9  | 10.2 | 12.6 | 15.3 | 18.1 | 12.9  | 11                  |
| Temperatura<br>mínima media | 10.6 | 10.2 | 8.3  | 6.1  | 4.9   | 2.5   | 2.4   | 2.4  | 4.1  | 5.6  | 7.4  | 9.4  | 6.2   | 11                  |
| Humedad relativa            | 55   | 59   | 58   | 56   | 63    | 63    | 62    | 65   | 64   | 62   | 56   | 52   | 60    | 11                  |
| Precipitaciones             | 4.9  | 6.0  | 6.7  | 25.7 | 132.9 | 139.8 | 114.4 | 99.9 | 48.4 | 27.4 | 12.1 | 5.0  | 623.2 | 37                  |



San José de Maipo **44**

S E W E L L ( EL TENIENTE )

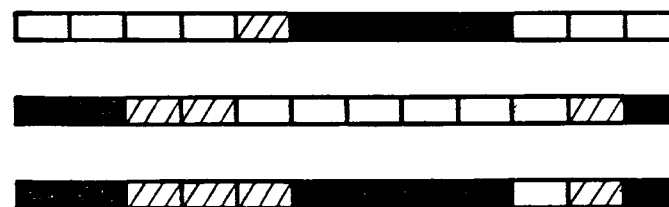
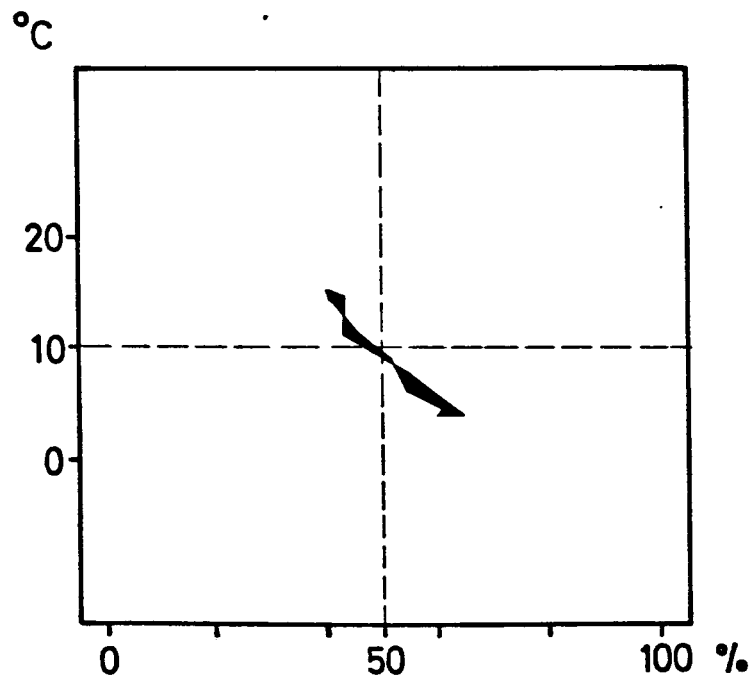
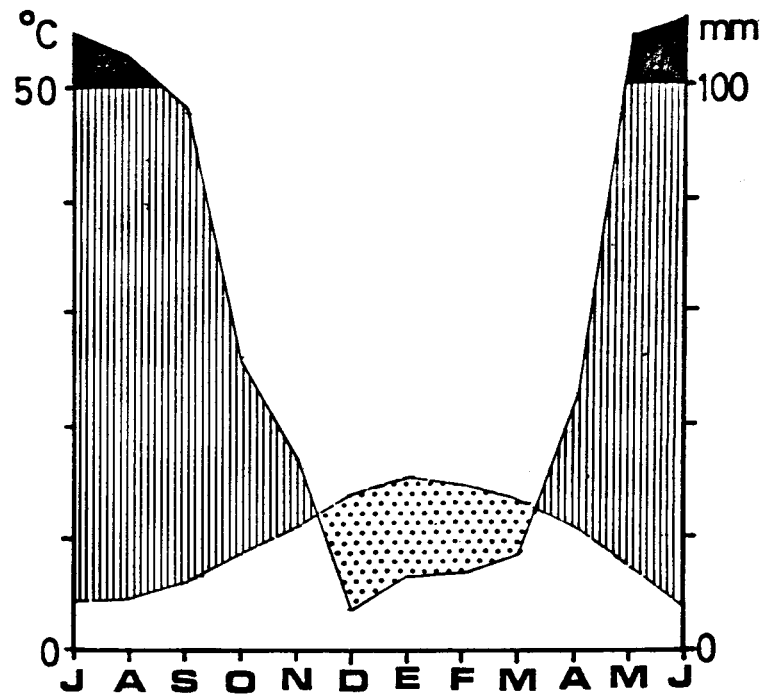
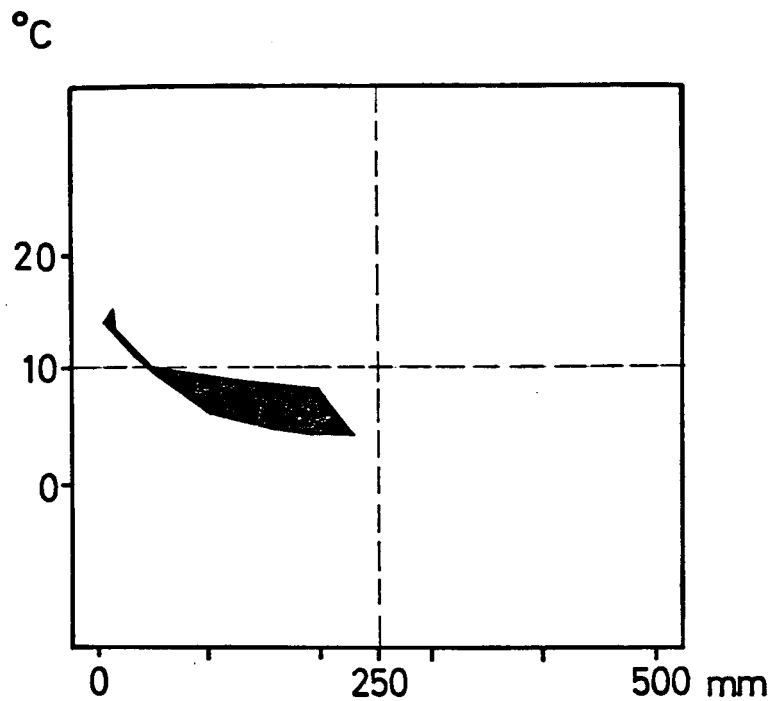
45 .

LATITUD 34 ° 06 ' S

LONGITUD 70 ° 22 ' W

ALTITUD 2.134 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 20.2 | 19.7 | 18.4 | 16.1 | 12.2  | 8.7   | 9.1   | 9.5   | 11.4 | 14.1 | 16.1 | 18.7 | 14.5    | 38                  |
| Temperatura<br>media        | 15.2 | 14.5 | 13.2 | 10.9 | 7.5   | 4.0   | 4.4   | 4.5   | 6.1  | 8.6  | 10.9 | 13.8 | 9.5     | 38                  |
| Temperatura<br>mínima media | 10.2 | 9.9  | 8.7  | 6.5  | 3.6   | 0.4   | 0.5   | 0.3   | 1.7  | 3.9  | 6.1  | 8.7  | 5.0     | 38                  |
| Humedad relativa            | 40   | 43   | 43   | 43   | 55    | 64    | 60    | 61    | 55   | 51   | 46   | 41   | 50      | 24                  |
| Precipitaciones             | 12.8 | 13.3 | 16.6 | 45.4 | 197.8 | 227.6 | 192.9 | 156.7 | 96.2 | 52.2 | 33.8 | 6.9  | 1.052.2 | 41                  |



Sewell (El Teniente) 45

R A N C A G U A

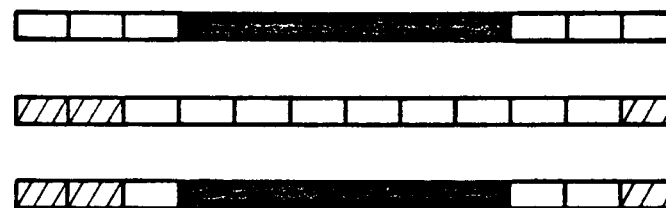
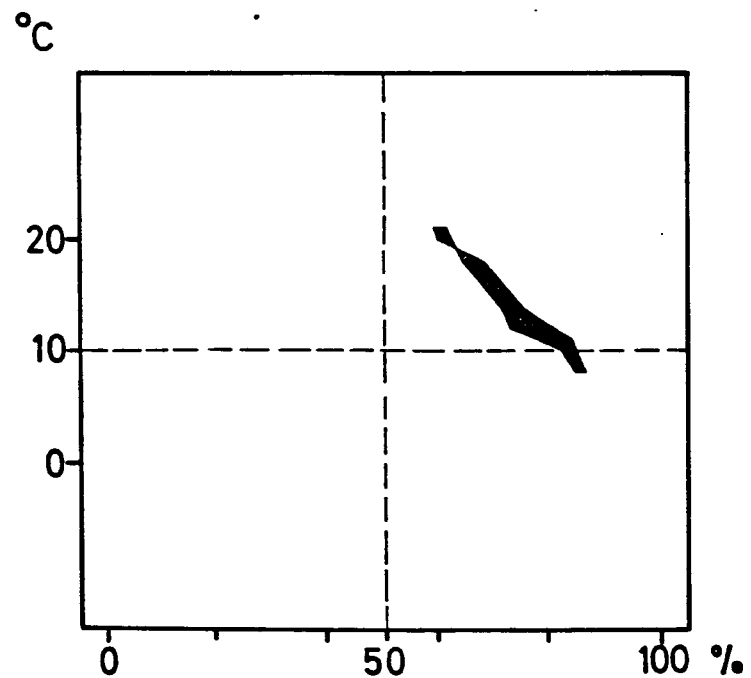
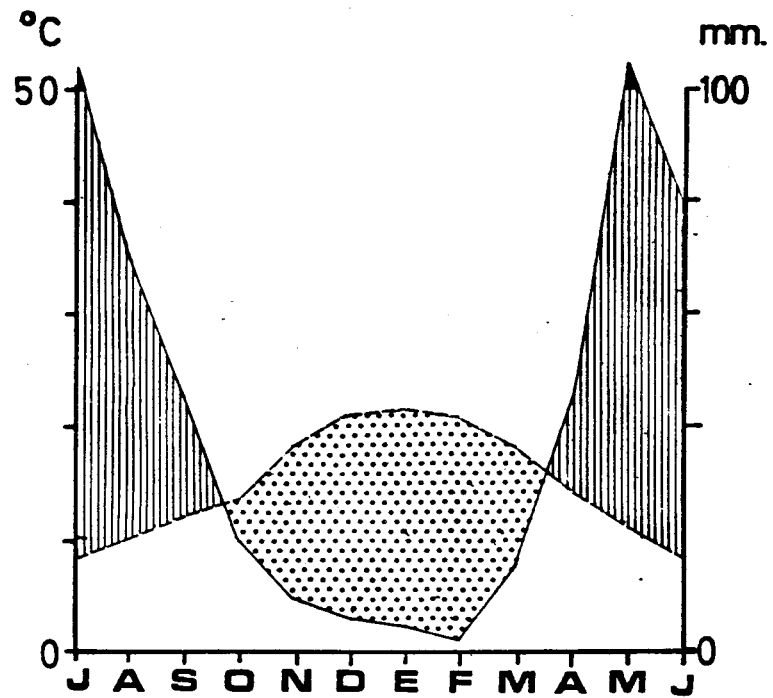
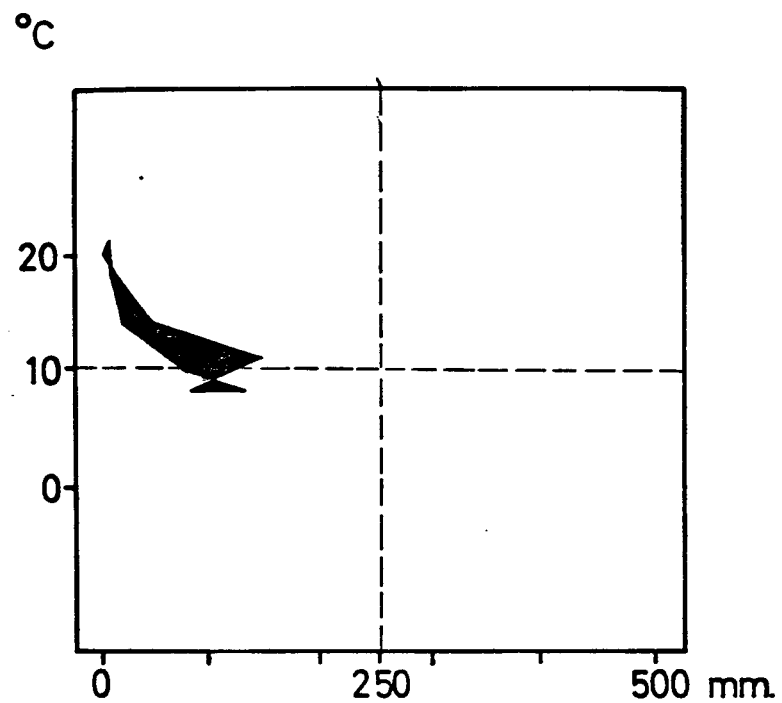
46 .

LATITUD 34 ° 10 ' S

LONGITUD 70 ° 45 ' W

ALTITUD 500 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN  | JUL   | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.5 | 27.1 | 24.5 | 20.0 | 16.1  | 12.8 | 12.8  | 14.9 | 16.9 | 19.8 | 24.2 | 26.7 | 20.3  | 7                   |
| Temperatura<br>media        | 21.3 | 20.6 | 18.1 | 14.2 | 11.2  | 8.3  | 8.1   | 9.7  | 11.7 | 14.3 | 18.3 | 20.7 | 14.7  | 7                   |
| Temperatura<br>mínima media | 10.8 | 10.2 | 8.4  | 5.5  | 4.5   | 2.2  | 1.7   | 2.7  | 3.9  | 5.9  | 8.1  | 10.2 | 6.2   | 7                   |
| Humedad relativa            | 59   | 60   | 68   | 75   | 84    | 86   | 85    | 82   | 73   | 71   | 64   | 61   | 72    | 7                   |
| Precipitaciones             | 4.5  | 1.5  | 14.5 | 45.3 | 140.2 | 79.3 | 128.2 | 70.3 | 45.3 | 19.2 | 9.0  | 5.5  | 562.8 | 7                   |



Rancagua **46**

R E N G O

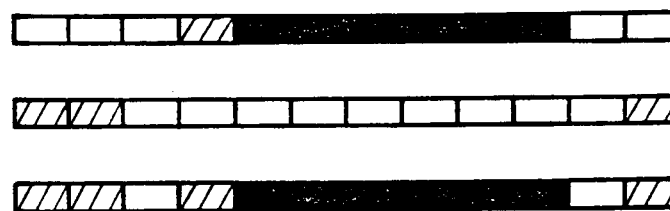
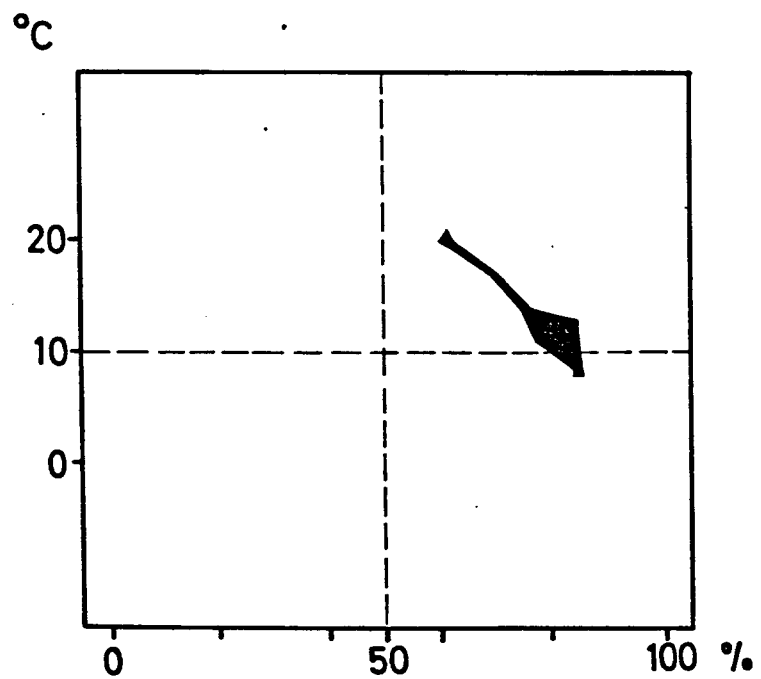
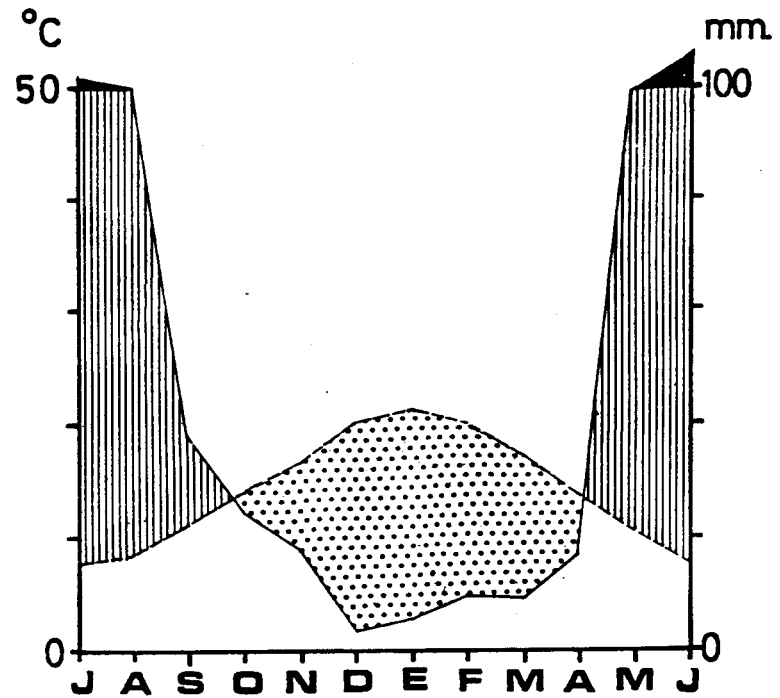
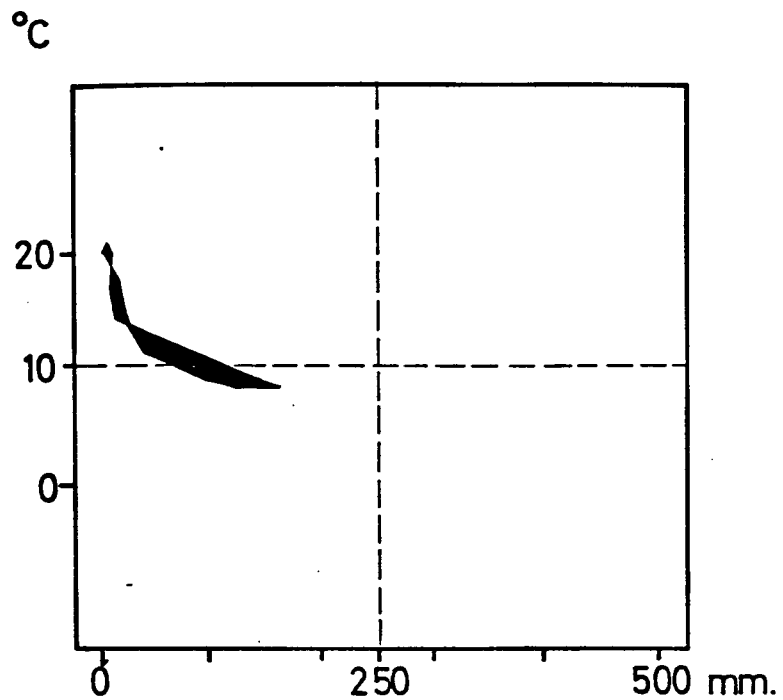
47 .

LATITUD 34 ° 24 ' S

LONGITUD 70 ° 52 ' S

ALTITUD 139 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 29.8 | 28.8 | 26.2 | 22.1 | 18.8 | 14.0  | 13.8  | 14.2  | 18.4 | 21.7 | 24.0 | 28.3 | 21.7  | 5                   |
| Temperatura<br>media        | 21.4 | 20.2 | 17.0 | 13.6 | 10.5 | 7.6   | 7.9   | 8.5   | 11.3 | 14.4 | 16.7 | 20.1 | 14.1  | 5                   |
| Temperatura<br>mínima media | 12.8 | 11.6 | 9.0  | 6.7  | 5.4  | 2.5   | 3.2   | 3.6   | 5.0  | 7.7  | 9.5  | 11.5 | 7.4   | 5                   |
| Humedad relativa            | 61   | 62   | 70   | 76   | 84   | 85    | 84    | 84    | 77   | 74   | 69   | 60   | 74    | 5                   |
| Precipitaciones             | 5.4  | 9.3  | 9.2  | 16.6 | 98.7 | 157.6 | 118.2 | 100.4 | 38.9 | 24.3 | 18.7 | 3.4  | 600.7 | 21                  |



Rengo 47

S A N F E R N A N D O

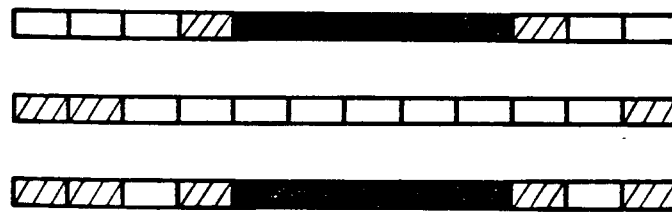
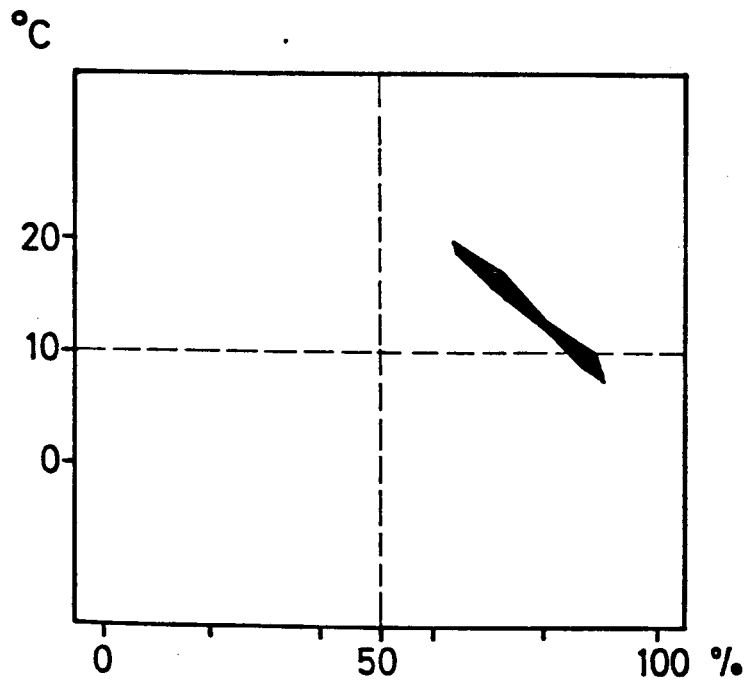
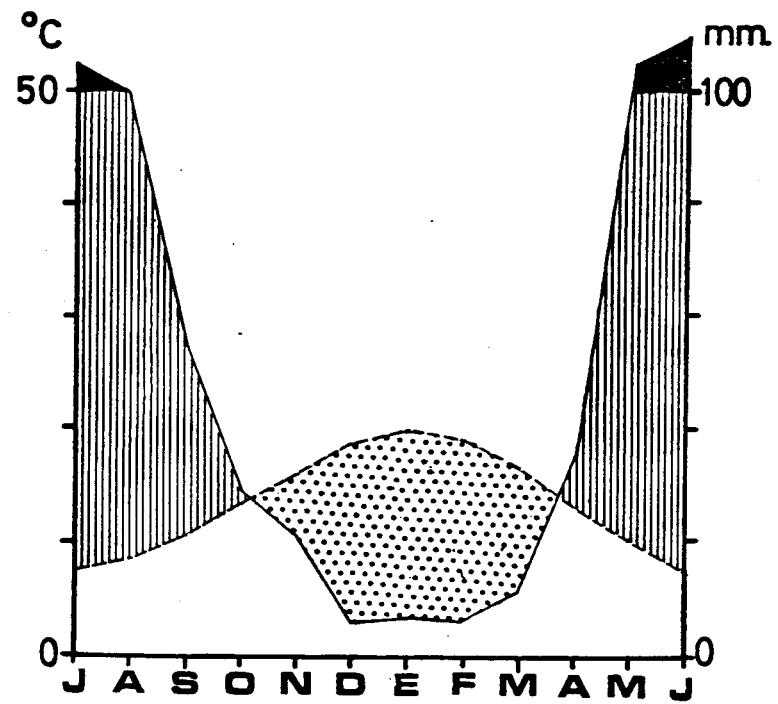
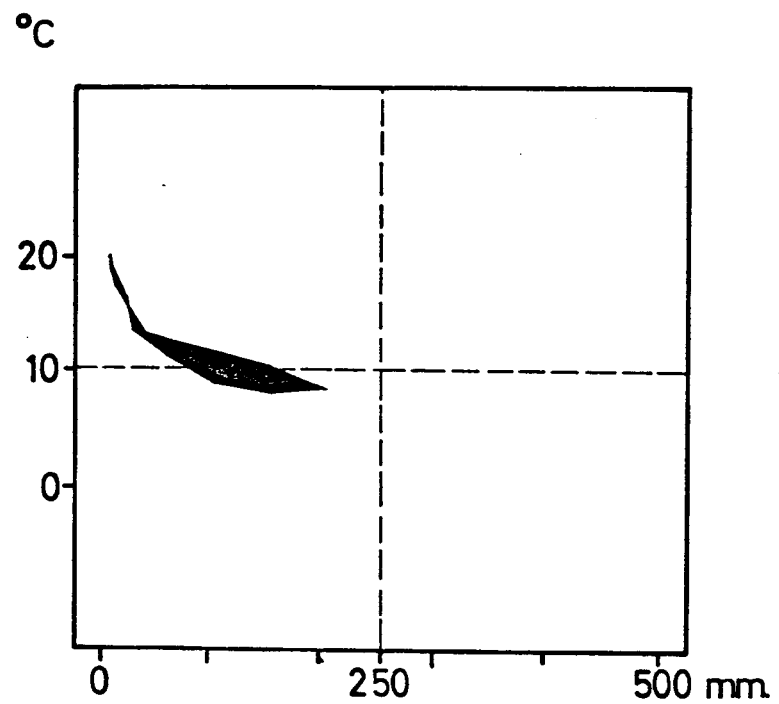
48 .

LATITUD 34 ° 35 ' S

LONGITUD 71 ° 00 ' W

ALTITUD 342 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.7 | 26.9 | 24.2 | 19.7 | 15.1  | 12.3  | 12.2  | 13.7  | 16.2 | 19.6 | 22.8 | 26.0 | 19.7  | 39                  |
| Temperatura<br>media        | 20.1 | 19.2 | 16.6 | 13.1 | 10.0  | 7.7   | 7.5   | 8.5   | 10.6 | 13.3 | 16.0 | 18.7 | 13.4  | 39                  |
| Temperatura<br>mínima media | 12.5 | 11.9 | 10.2 | 7.7  | 6.1   | 4.2   | 3.7   | 4.3   | 5.8  | 7.7  | 9.5  | 11.3 | 7.9   | 39                  |
| Humedad relativa            | 63   | 66   | 72   | 80   | 89    | 90    | 90    | 87    | 82   | 77   | 70   | 64   | 78    | 39                  |
| Precipitaciones             | 6.7  | 6.1  | 11.2 | 36.6 | 149.3 | 199.5 | 151.8 | 104.1 | 55.0 | 29.1 | 21.6 | 6.3  | 777.3 | 41                  |



San Fernando 48

C U R I C O

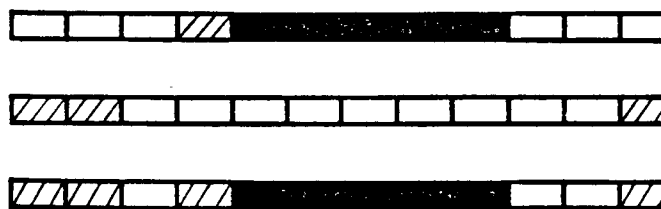
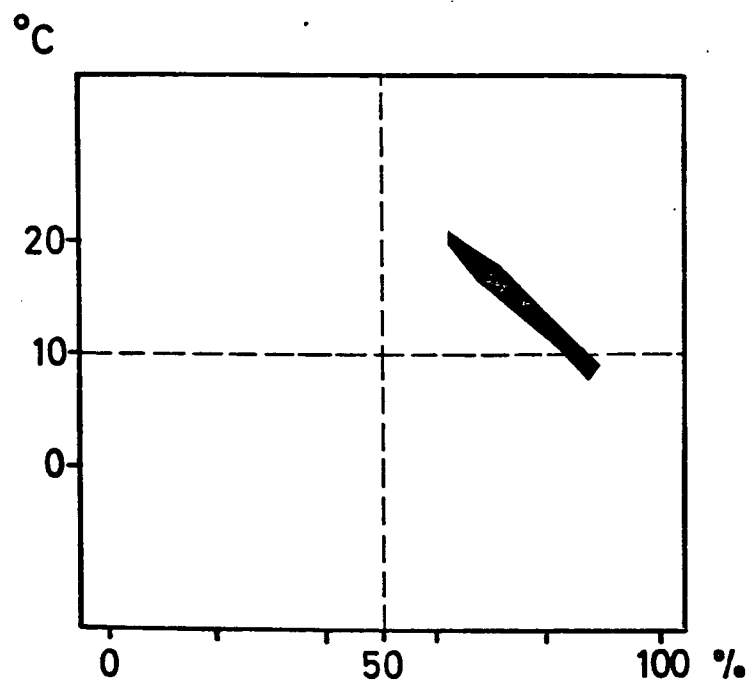
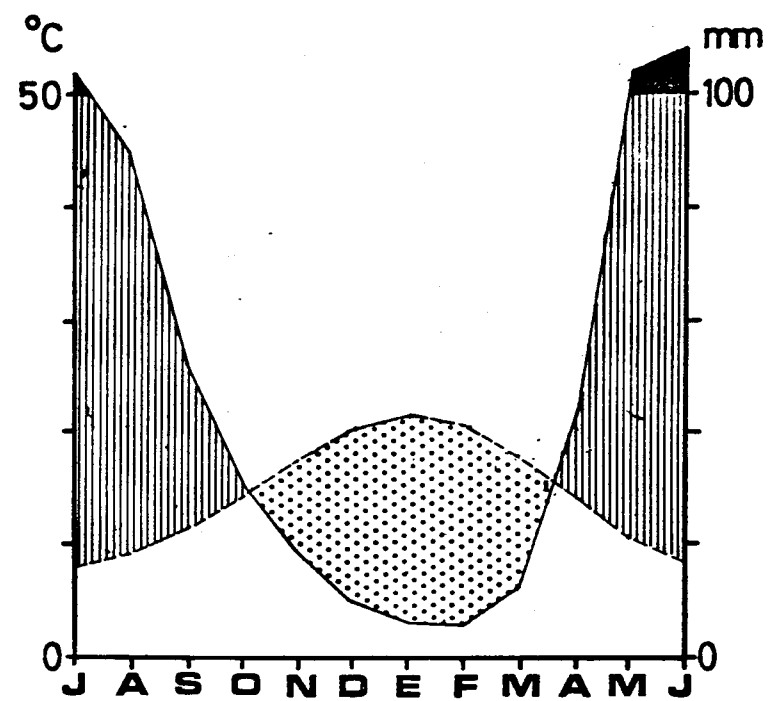
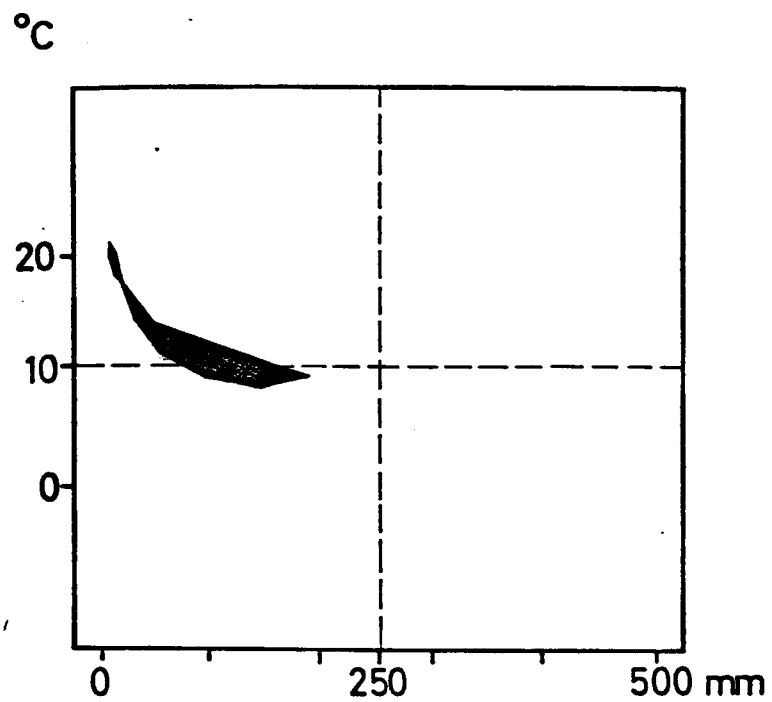
49 .

LATITUD 34 ° 58 ' S

LONGITUD 71 ° 13 ' W

ALTITUD 225 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 30.7 | 30.0 | 26.9 | 21.8 | 16.3  | 13.5  | 13.2  | 14.9 | 18.1 | 22.1 | 25.4 | 28.9 | 21.9  | 38                  |
| Temperatura<br>media        | 21.3 | 20.4 | 17.6 | 13.7 | 10.5  | 8.6   | 7.9   | 9.0  | 11.4 | 14.2 | 17.2 | 20.0 | 14.3  | 38                  |
| Temperatura<br>mínima media | 12.1 | 11.7 | 9.4  | 6.9  | 5.4   | 4.4   | 3.6   | 4.0  | 5.5  | 7.5  | 9.3  | 11.2 | 7.6   | 38                  |
| Humedad relativa            | 62   | 65   | 71   | 79   | 86    | 89    | 87    | 85   | 81   | 74   | 67   | 62   | 76    | 38                  |
| Precipitaciones             | 5.9  | 5.6  | 11.9 | 44.0 | 139.6 | 185.1 | 140.7 | 90.0 | 52.7 | 30.1 | 18.3 | 9.9  | 733.8 | 40                  |

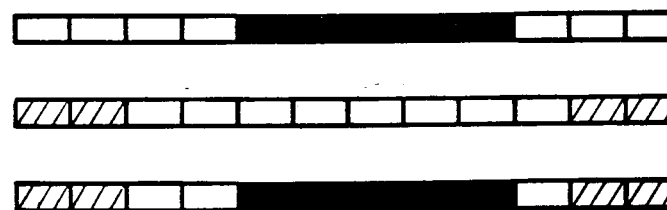
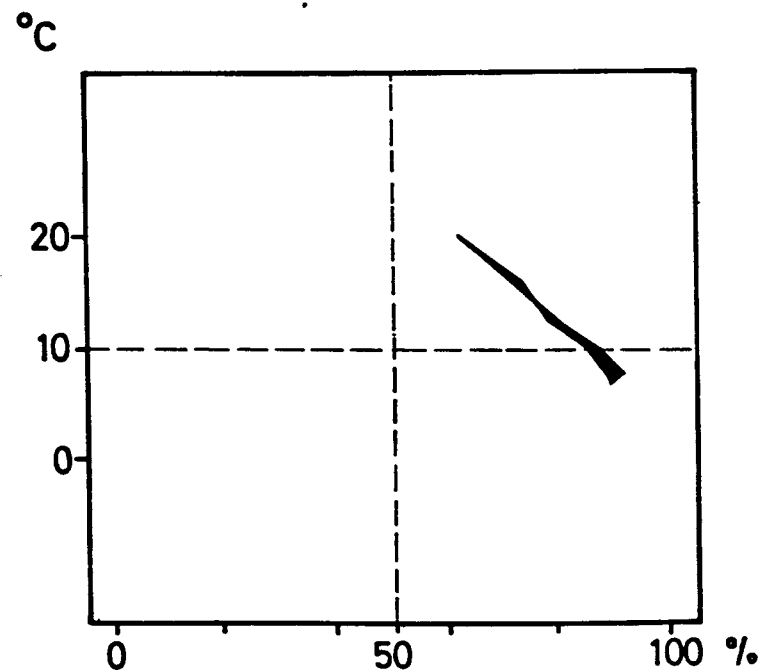
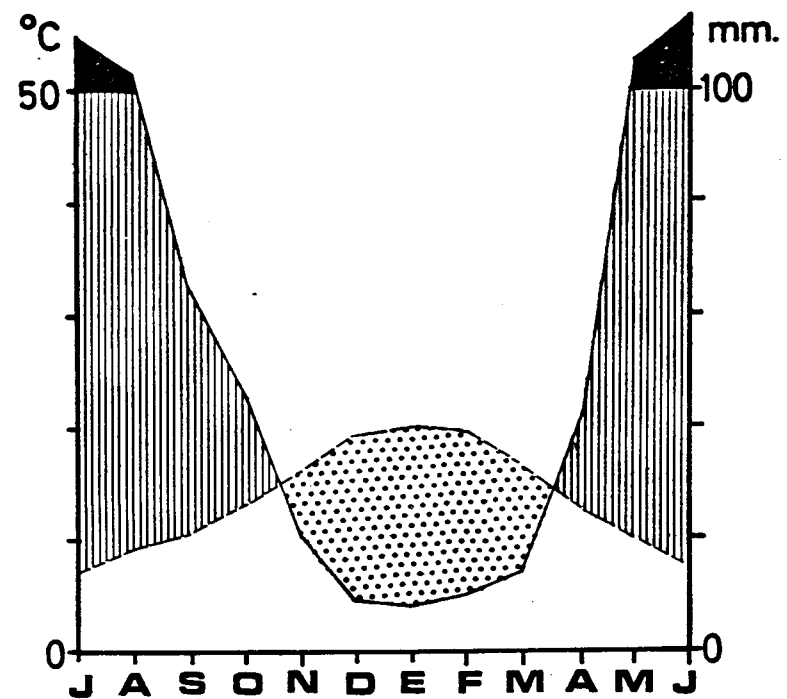
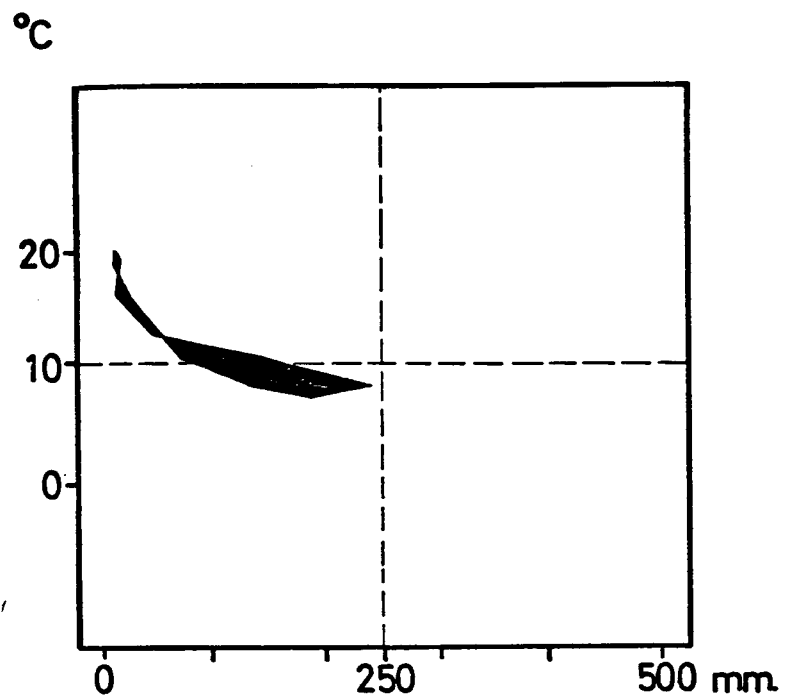


M O L I N A

50 .

LATITUD 35 ° 05 ' S  
LONGITUD 71 ° 16 ' W  
ALTITUD 235 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 29.2 | 28.3 | 25.9 | 21.7 | 16.2  | 14.0  | 13.1  | 14.1  | 17.9 | 21.4 | 24.6 | 27.6 | 21.2  | 7                   |
| Temperatura<br>media        | 19.9 | 19.4 | 16.3 | 12.5 | 9.8   | 7.9   | 6.8   | 7.9   | 10.5 | 13.2 | 16.1 | 19.2 | 13.2  | 7                   |
| Temperatura<br>mínima media | 10.6 | 10.0 | 8.2  | 5.8  | 5.1   | 3.4   | 2.6   | 2.5   | 4.5  | 6.1  | 8.1  | 9.7  | 6.5   | 7                   |
| Humedad relativa            | 62   | 65   | 72   | 80   | 87    | 91    | 89    | 88    | 84   | 78   | 73   | 65   | 78    | 7                   |
| Precipitaciones             | 7.9  | 10.6 | 13.7 | 42.0 | 156.1 | 234.8 | 187.4 | 128.1 | 65.2 | 45.3 | 20.3 | 9.1  | 920.5 | 25                  |



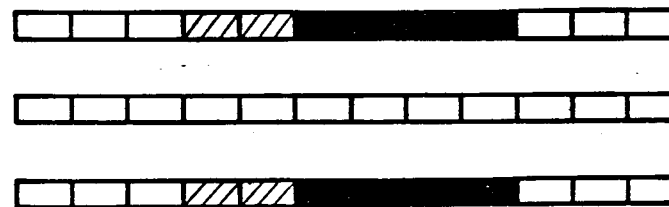
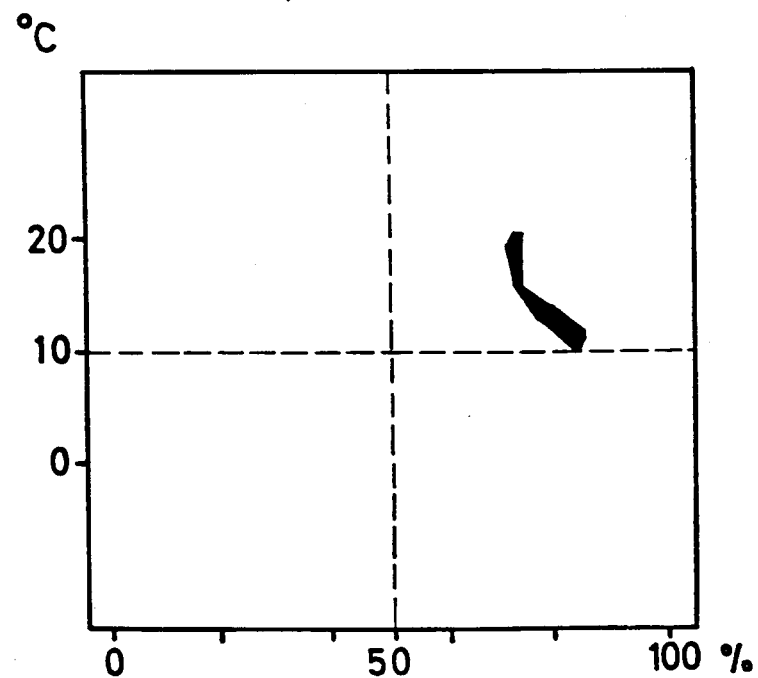
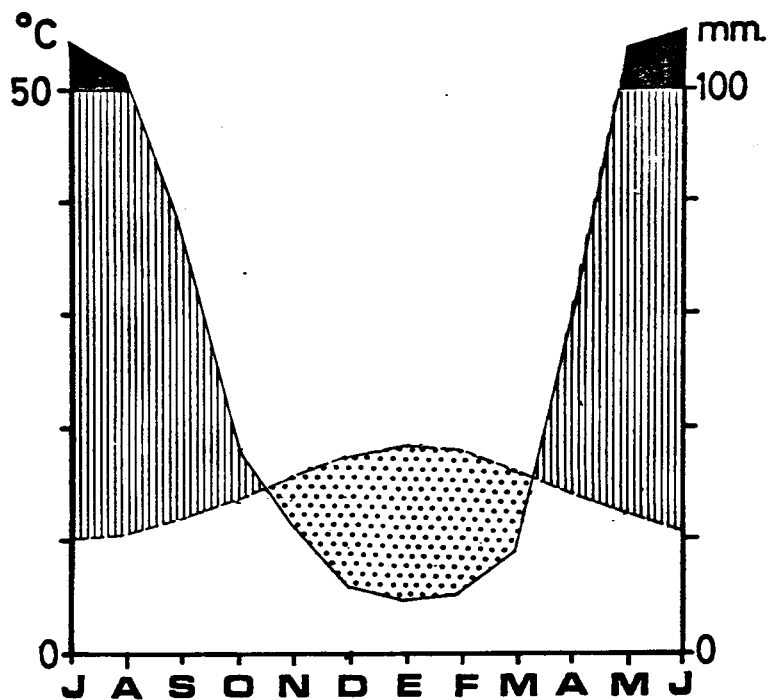
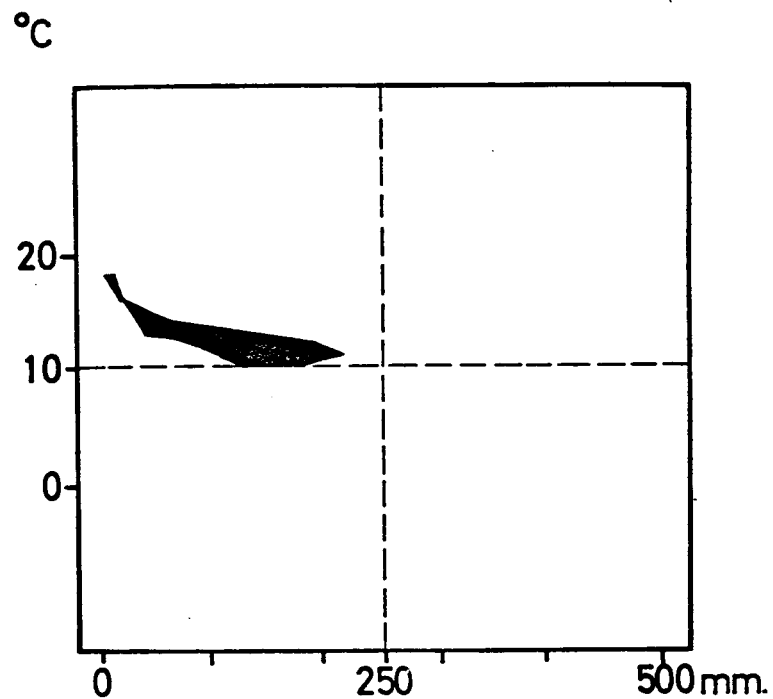
Molina 50

C O N S T I T U C I O N

51 .

LATITUD 35 ° 20 ' S  
LONGITUD 72 ° 56 ' W  
ALTITUD 7 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 24.4 | 23.6 | 22.5 | 19.7 | 16.5  | 15.0  | 14.6  | 15.3  | 17.0 | 18.7 | 20.8 | 22.5 | 19.2  | 18                  |
| Temperatura<br>media        | 18.2 | 17.7 | 16.2 | 13.9 | 12.1  | 10.7  | 10.1  | 10.4  | 11.7 | 13.3 | 15.5 | 17.2 | 13.9  | 18                  |
| Temperatura<br>mínima media | 12.0 | 11.8 | 10.4 | 8.9  | 8.2   | 6.9   | 6.0   | 6.0   | 7.2  | 8.2  | 9.7  | 11.2 | 8.9   | 18                  |
| Humedad relativa            | 72   | 74   | 74   | 80   | 85    | 85    | 84    | 84    | 80   | 77   | 73   | 71   | 78    | 16                  |
| Precipitaciones             | 9.3  | 10.1 | 17.6 | 60.1 | 184.5 | 213.0 | 175.2 | 125.7 | 75.6 | 36.9 | 22.5 | 12.3 | 942.8 | 41                  |



Constitución 51

T A L C A

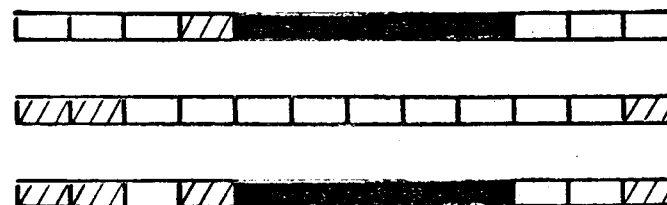
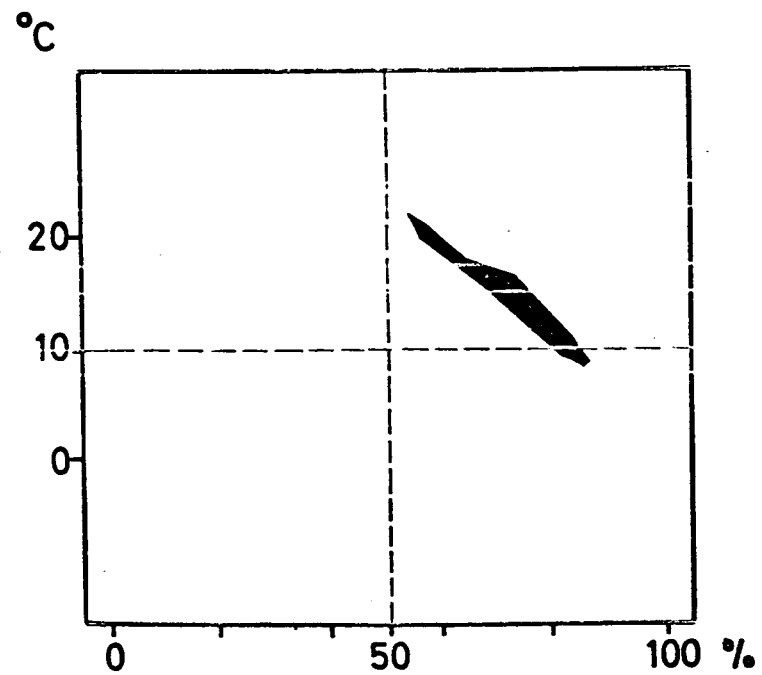
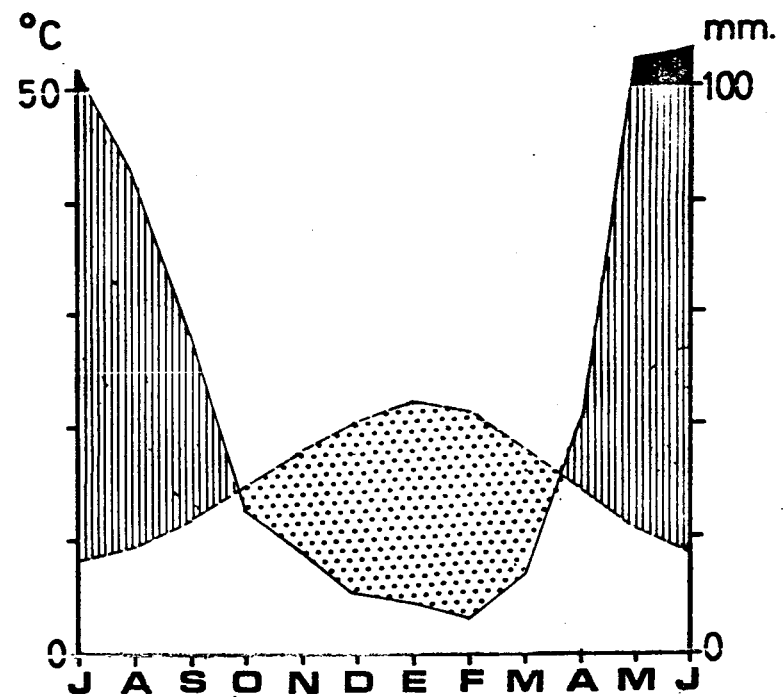
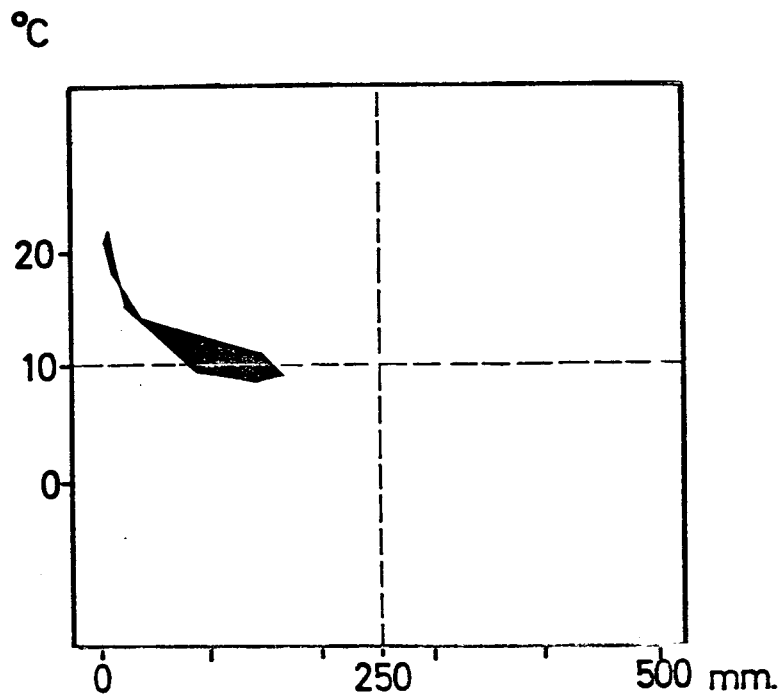
52 .

LATITUD 35 ° 26 ' S

LONGITUD 71 ° 40 ' W

ALTITUD 97 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 30.8 | 30.0 | 27.1 | 22.1 | 16.8  | 13.6  | 13.6  | 15.5 | 18.4 | 22.2 | 25.6 | 29.2 | 22.1  | 18                  |
| Temperatura<br>media        | 22.1 | 21.0 | 18.2 | 14.2 | 10.9  | 8.7   | 8.5   | 9.5  | 11.7 | 14.7 | 17.5 | 20.4 | 14.8  | 18                  |
| Temperatura<br>mínima media | 12.6 | 11.8 | 9.8  | 7.1  | 5.6   | 4.2   | 3.8   | 4.0  | 5.3  | 7.4  | 9.5  | 11.3 | 7.7   | 18                  |
| Humedad relativa            | 54   | 57   | 64   | 73   | 83    | 86    | 85    | 81   | 75   | 69   | 62   | 56   | 70    | 35                  |
| Precipitaciones             | 8.5  | 6.1  | 13.2 | 41.4 | 142.1 | 168.6 | 135.0 | 86.4 | 57.1 | 25.8 | 18.1 | 10.5 | 712.8 | 48                  |



Talca 52

P U N T A      C A R R A N Z A

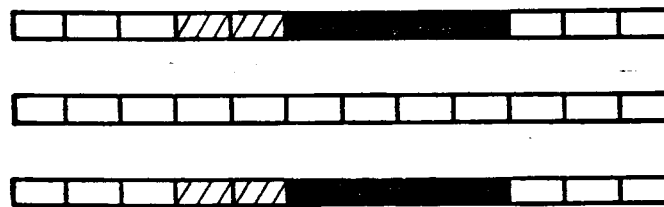
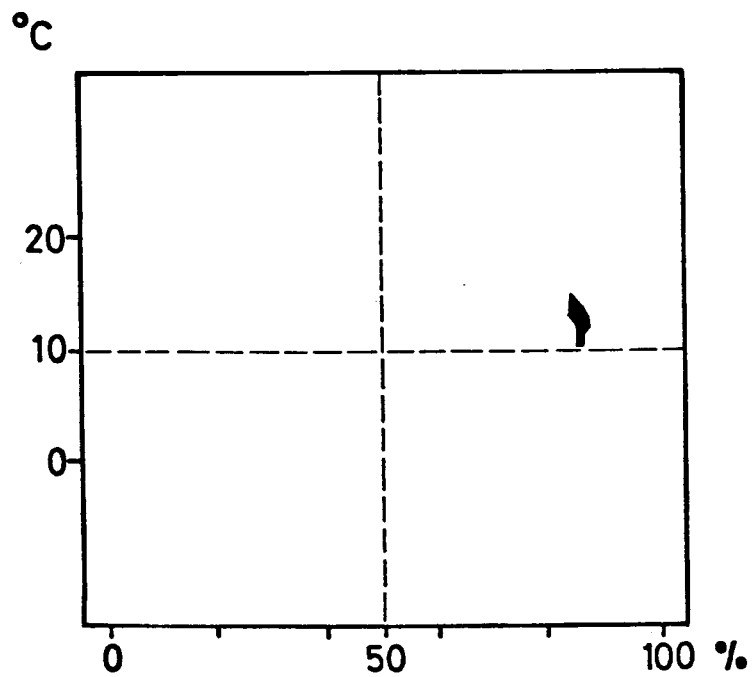
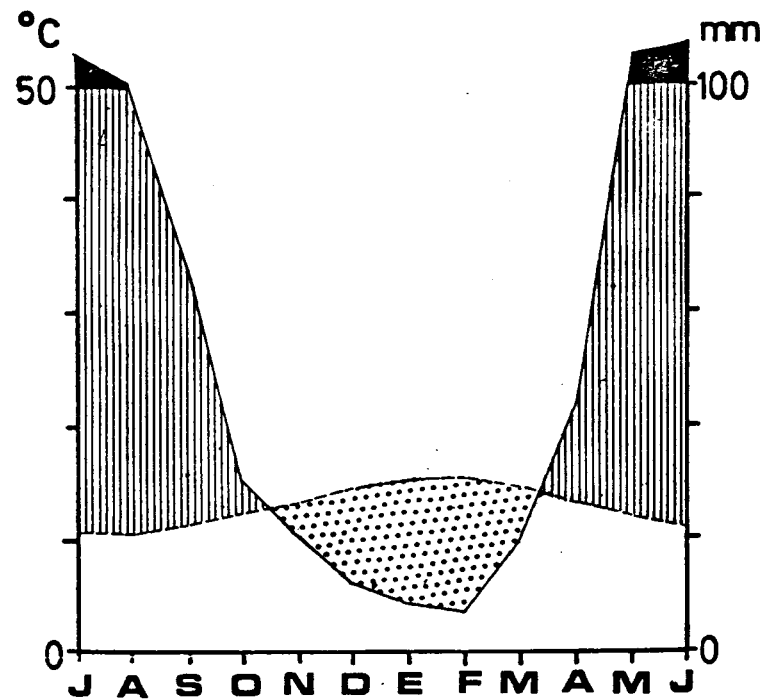
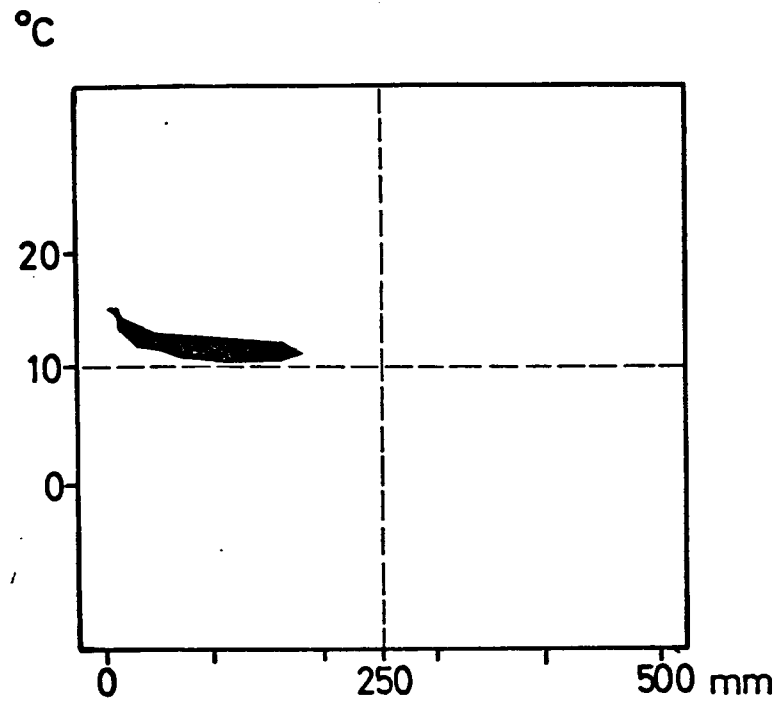
53 .

LATITUD 35 ° 36 ' S

LONGITUD 72 ° 38 ' W

ALTITUD 30 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.7 | 18.6 | 17.6 | 16.0 | 14.8  | 13.7  | 13.3  | 13.4  | 14.2 | 15.2 | 16.4 | 17.8 | 15.8  | 35                  |
| Temperatura<br>media        | 15.1 | 15.2 | 14.4 | 13.0 | 12.0  | 11.0  | 10.5  | 10.5  | 11.1 | 12.1 | 13.2 | 14.6 | 12.7  | 35                  |
| Temperatura<br>mínima media | 11.5 | 11.6 | 10.8 | 9.7  | 8.9   | 7.9   | 7.3   | 7.1   | 7.5  | 8.5  | 9.3  | 10.7 | 9.3   | 35                  |
| Humedad relativa            | 84   | 84   | 86   | 87   | 87    | 86    | 86    | 85    | 85   | 85   | 84   | 84   | 85    | 39                  |
| Precipitaciones             | 8.6  | 7.3  | 19.5 | 45.3 | 163.9 | 181.6 | 164.5 | 109.7 | 68.9 | 30.1 | 19.8 | 12.4 | 831.6 | 47                  |



P A N I M A V I D A

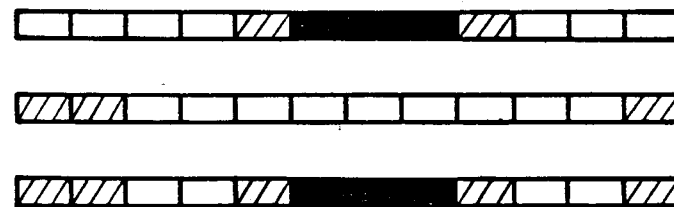
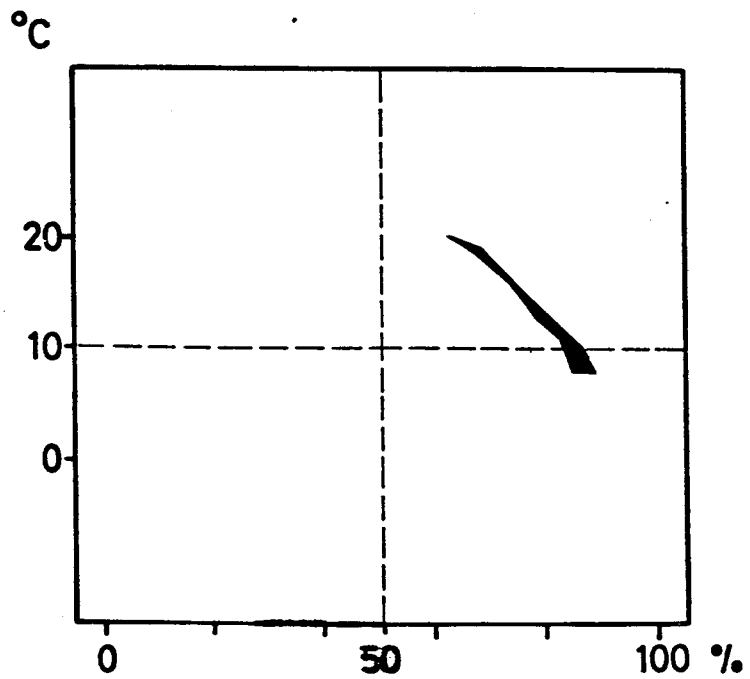
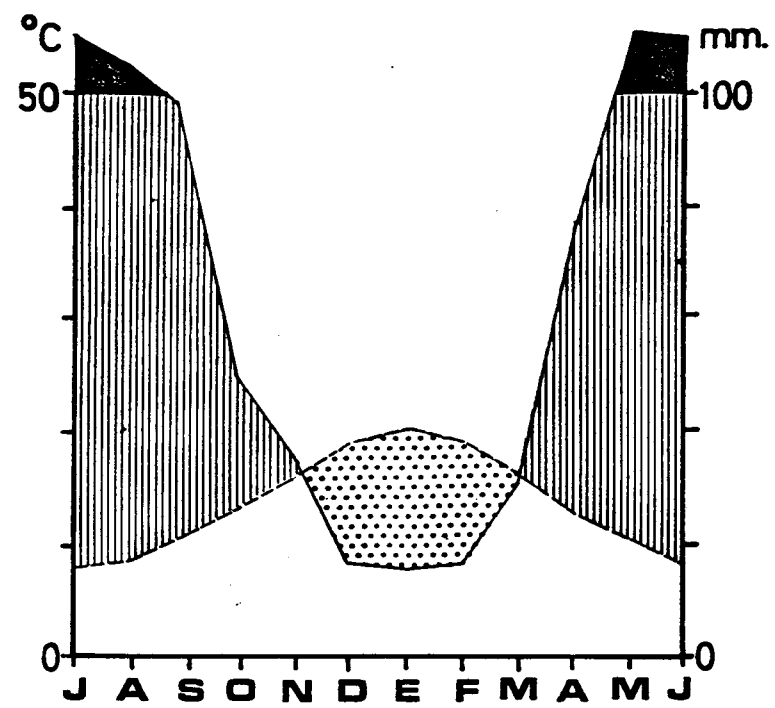
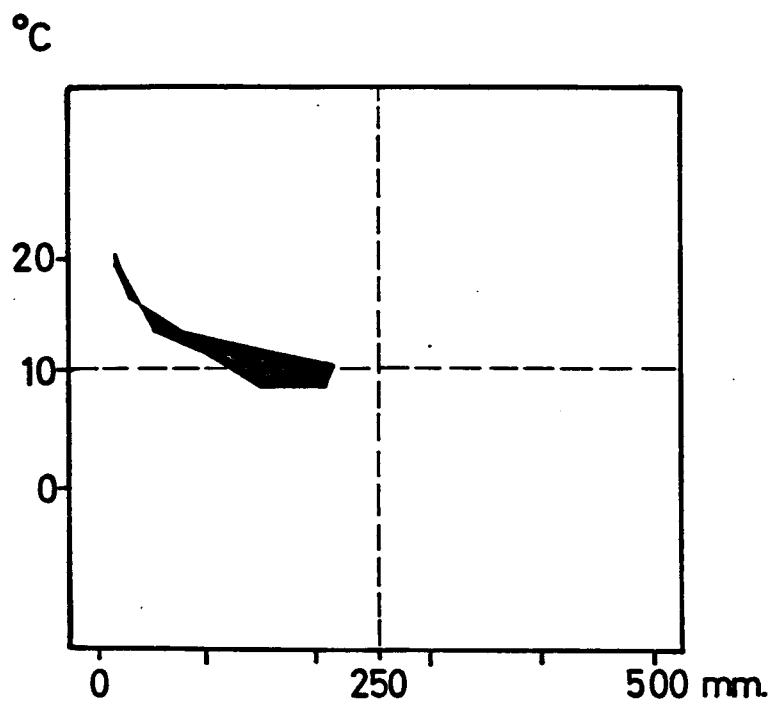
54 .

LATITUD 35 ° 46 ' S

LONGITUD 71 ° 24 ' W

ALTITUD 197 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 29.1 | 27.9 | 25.1 | 20.7 | 15.5  | 12.7  | 12.6  | 14.1  | 17.4 | 20.5 | 23.3 | 27.1 | 20.5    | 12                  |
| Temperatura<br>media        | 20.4 | 18.9 | 16.1 | 12.6 | 10.2  | 8.0   | 7.6   | 8.3   | 10.7 | 13.2 | 15.7 | 18.8 | 13.4    | 12                  |
| Temperatura<br>mínima media | 10.7 | 9.9  | 8.7  | 6.9  | 5.9   | 4.0   | 3.5   | 3.5   | 4.8  | 6.3  | 7.9  | 9.5  | 6.8     | 12                  |
| Humedad relativa            | 62   | 68   | 74   | 80   | 87    | 89    | 88    | 85    | 82   | 78   | 73   | 66   | 78      | 12                  |
| Precipitaciones             | 15.4 | 16.1 | 30.3 | 77.4 | 212.6 | 204.1 | 202.1 | 148.2 | 98.6 | 50.0 | 35.6 | 16.2 | 1.106.6 | 21                  |



Panimávida 54

L I N A R E S

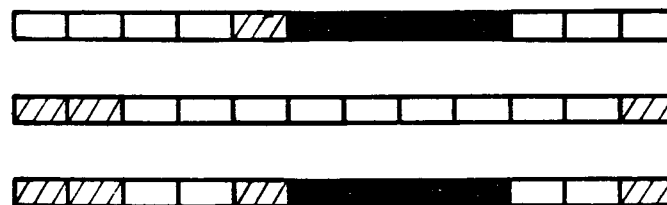
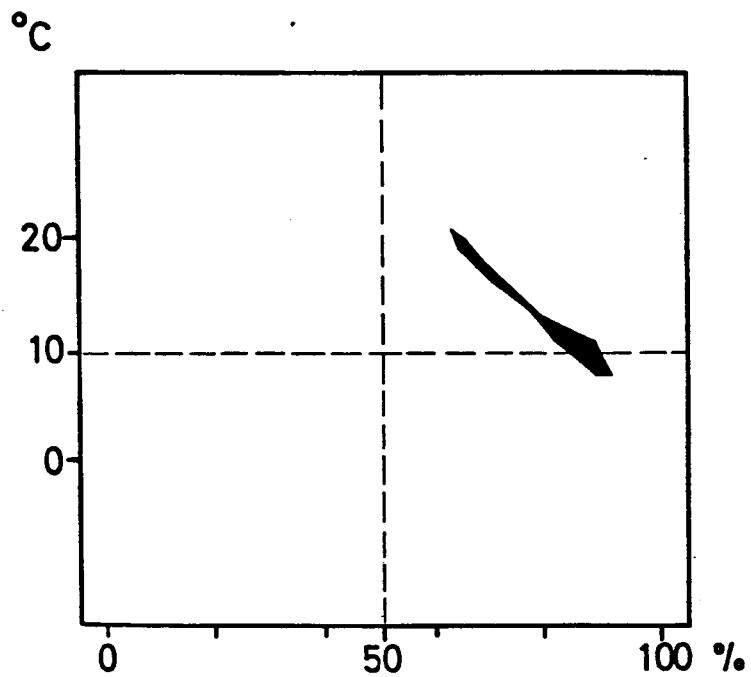
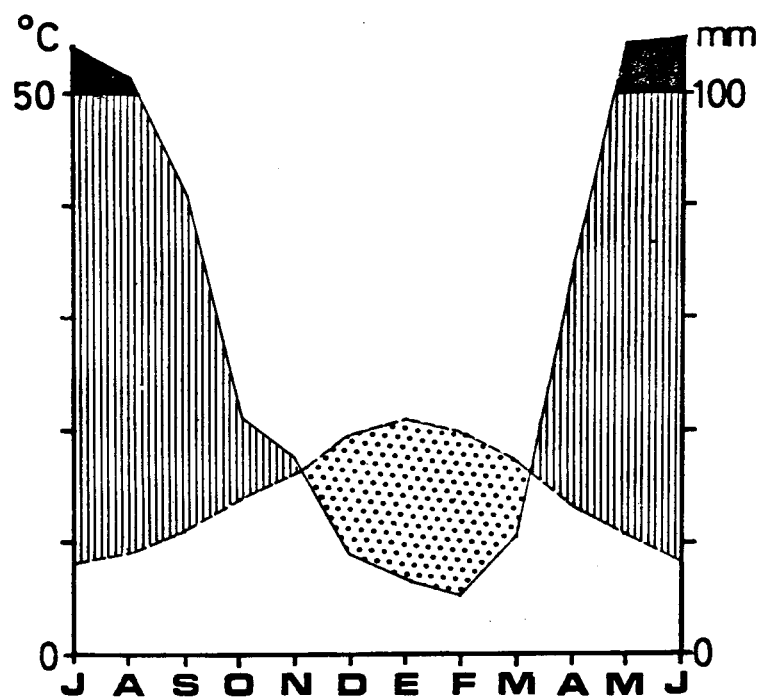
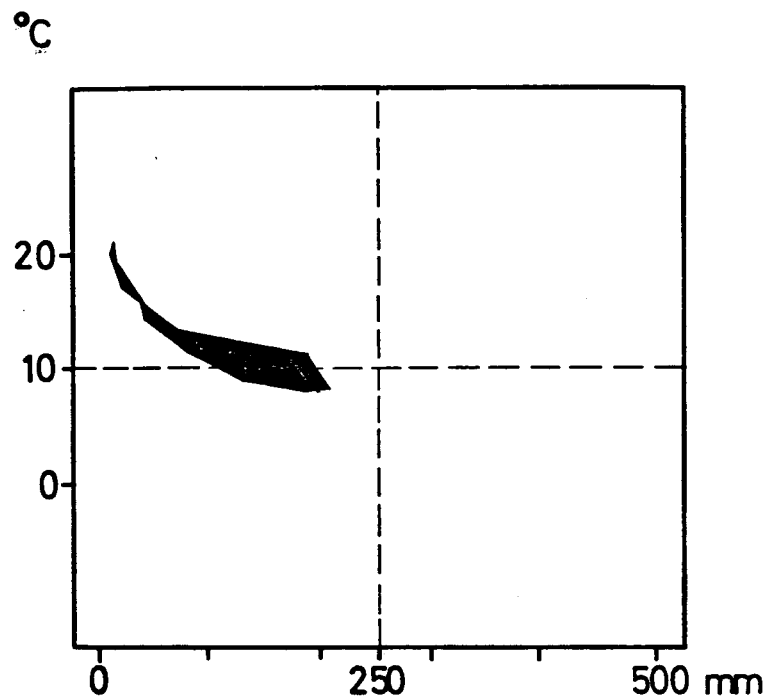
55 .

LATITUD 35 ° 51 ' S

LONGITUD 71 ° 36 ' W

ALTITUD 157 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 29.5 | 28.4 | 25.0 | 20.2 | 15.1  | 12.2  | 12.2  | 13.7  | 16.8 | 20.2 | 23.4 | 27.2 | 20.3    | 39                  |
| Temperatura<br>media        | 21.0 | 19.9 | 16.8 | 13.3 | 10.6  | 8.3   | 7.9   | 8.7   | 10.9 | 13.8 | 16.3 | 19.4 | 13.9    | 39                  |
| Temperatura<br>mínima media | 12.3 | 11.7 | 9.4  | 7.0  | 6.6   | 5.4   | 4.3   | 4.3   | 5.6  | 7.8  | 9.4  | 11.5 | 7.9     | 39                  |
| Humedad relativa            | 62   | 65   | 70   | 79   | 88    | 91    | 89    | 86    | 81   | 76   | 70   | 64   | 76      | 39                  |
| Precipitaciones             | 13.7 | 10.8 | 21.2 | 70.7 | 188.4 | 206.9 | 186.5 | 129.6 | 82.3 | 42.7 | 35.7 | 18.6 | 1.007.1 | 48                  |



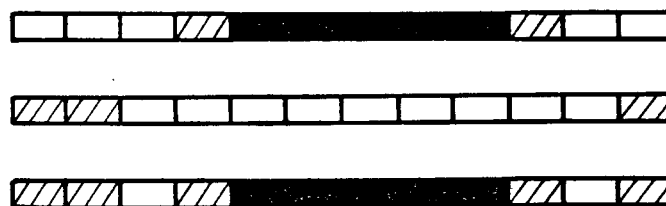
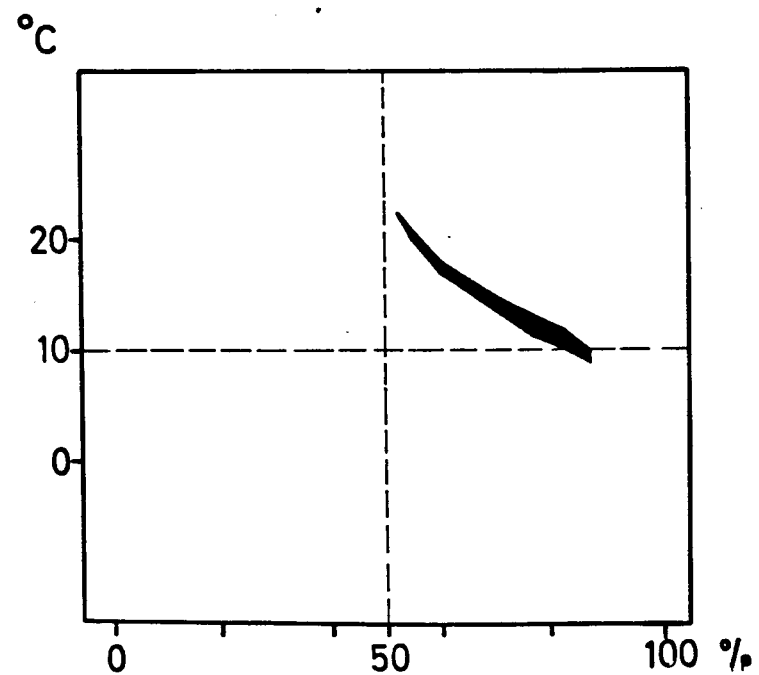
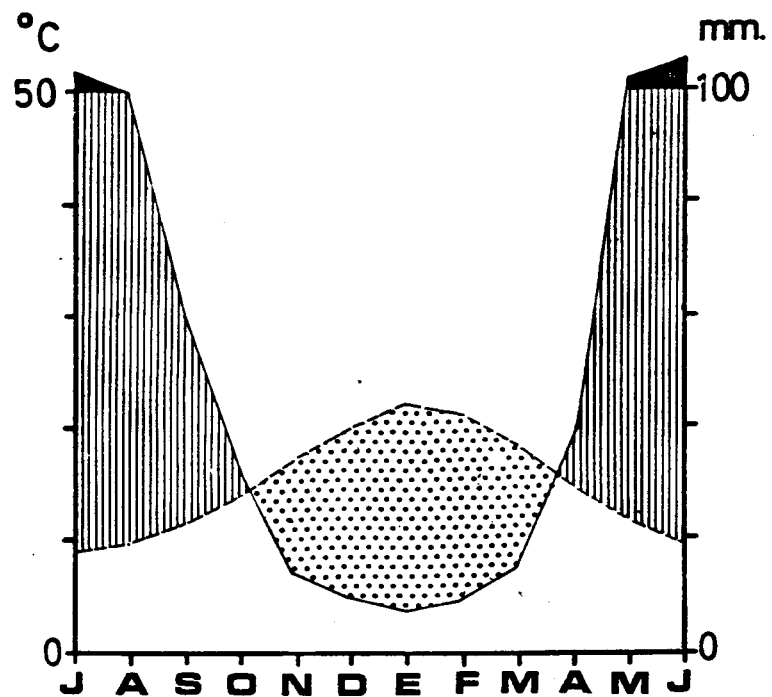
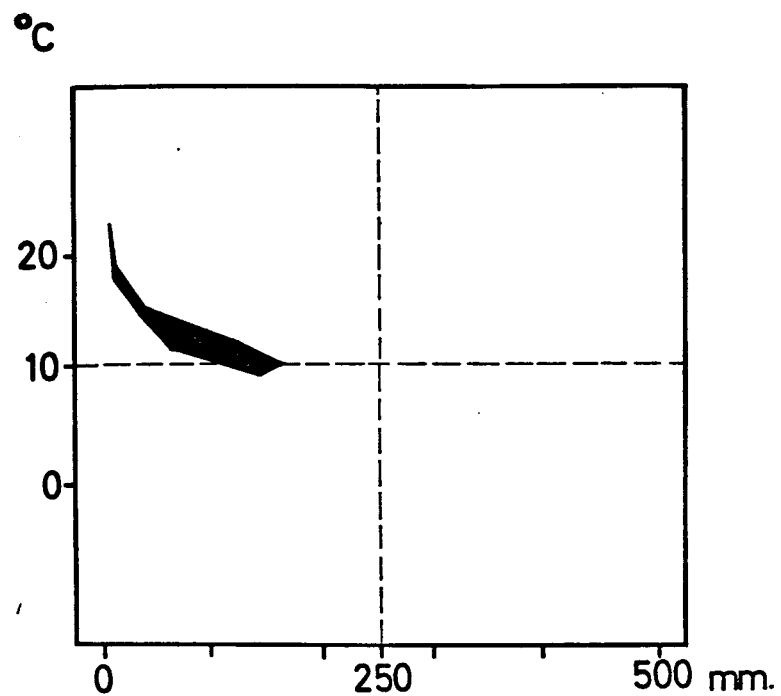
Linares 55

C A U Q U E N E S

56 .

LATITUD 35 ° 59 ' S  
LONGITUD 72 ° 22 ' W  
ALTITUD 177 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 31.3 | 30.5 | 27.6 | 22.8 | 17.5  | 14.6  | 14.1  | 15.5  | 18.2 | 21.7 | 25.3 | 29.1 | 22.4  | 19                  |
| Temperatura<br>media        | 22.1 | 21.1 | 18.4 | 14.7 | 11.7  | 9.6   | 8.9   | 9.7   | 11.5 | 14.2 | 17.2 | 20.2 | 14.9  | 19                  |
| Temperatura<br>mínima media | 12.8 | 12.3 | 10.0 | 7.6  | 6.7   | 5.5   | 4.6   | 4.7   | 5.6  | 7.2  | 9.0  | 11.3 | 8.1   | 19                  |
| Humedad relativa            | 52   | 54   | 60   | 70   | 82    | 87    | 87    | 83    | 76   | 69   | 60   | 55   | 70    | 19                  |
| Precipitaciones             | 7.2  | 9.0  | 15.4 | 39.0 | 117.5 | 164.5 | 141.1 | 106.8 | 60.0 | 32.1 | 14.7 | 10.0 | 717.3 | 63                  |



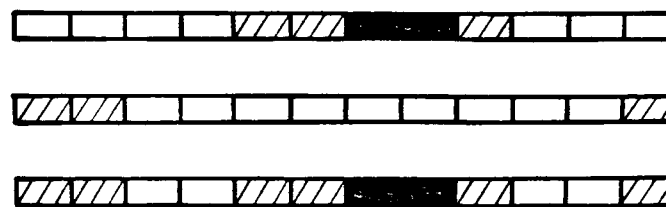
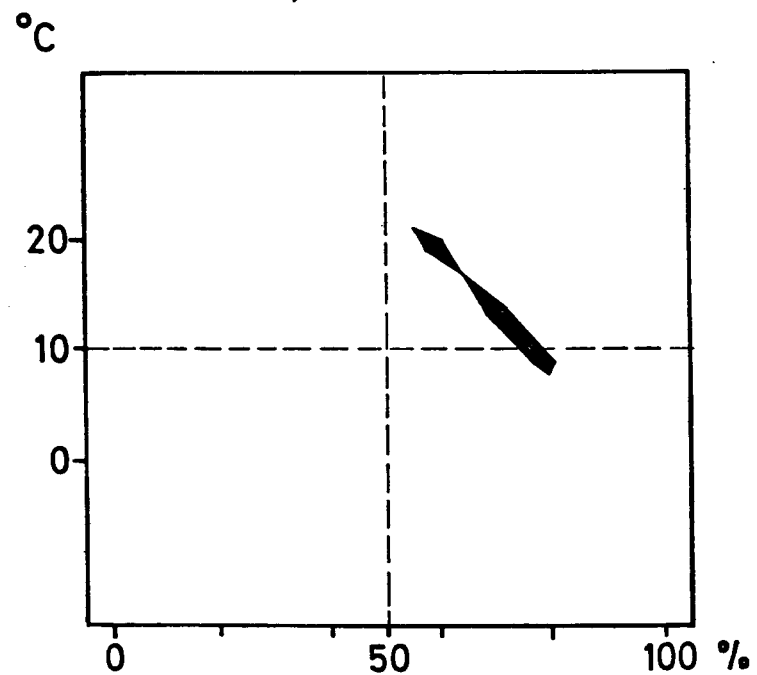
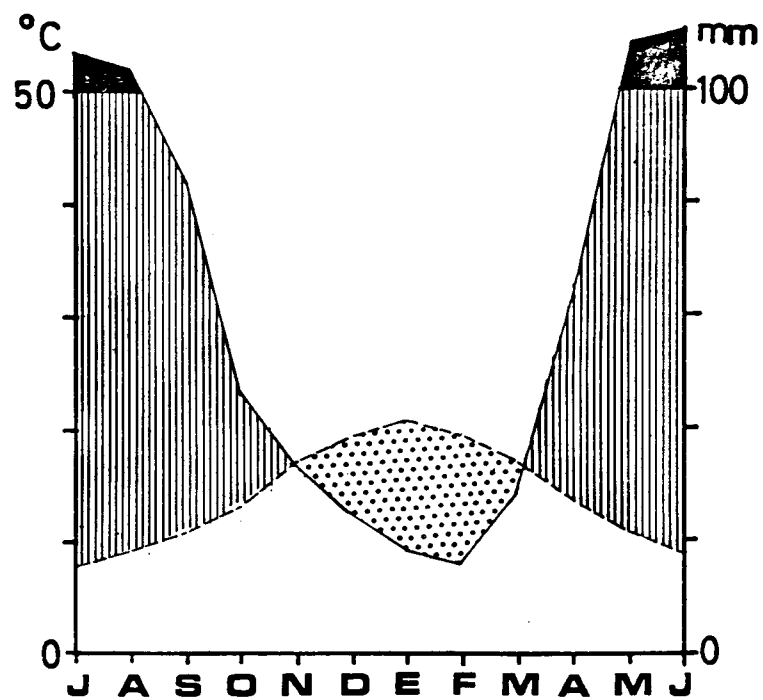
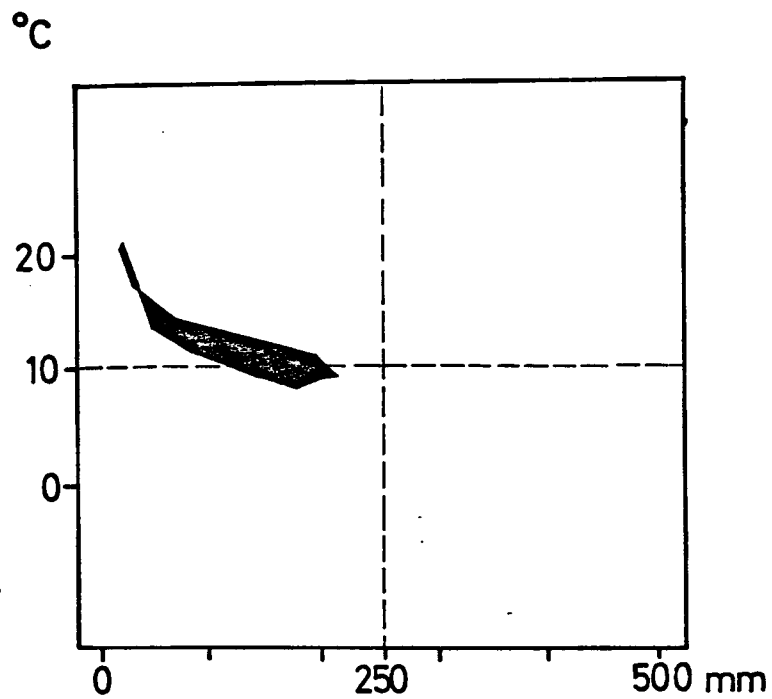
Cauquenes 56

C H I L L A N

57 .

LATITUD 36 ° 36 ' S  
LONGITUD 72 ° 02 ' W  
ALTITUD 118 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 28.8 | 27.6 | 24.7 | 20.4 | 16.5  | 13.4  | 12.4  | 13.9  | 16.8 | 20.4 | 24.4 | 27.4 | 20.6    | 7                   |
| Temperatura<br>media        | 20.8 | 19.7 | 17.2 | 13.6 | 11.1  | 8.8   | 7.8   | 8.8   | 10.8 | 13.2 | 16.9 | 19.4 | 14.0    | 7                   |
| Temperatura<br>mínima media | 12.6 | 11.5 | 9.6  | 7.3  | 6.6   | 4.9   | 3.5   | 4.1   | 5.1  | 6.7  | 8.7  | 10.7 | 7.6     | 7                   |
| Humedad relativa            | 55   | 60   | 64   | 72   | 77    | 81    | 80    | 77    | 73   | 69   | 64   | 58   | 69      | 14                  |
| Precipitaciones             | 18.4 | 16.8 | 28.7 | 65.6 | 190.0 | 210.9 | 175.6 | 138.8 | 84.2 | 46.7 | 32.9 | 25.6 | 1.034.2 | 46                  |



P U N T A      T U M B E S

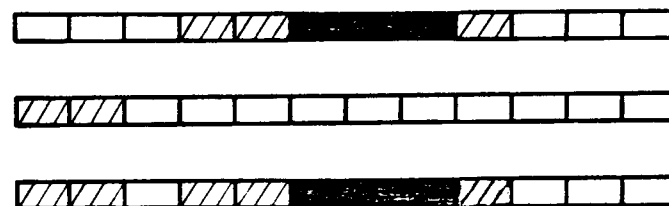
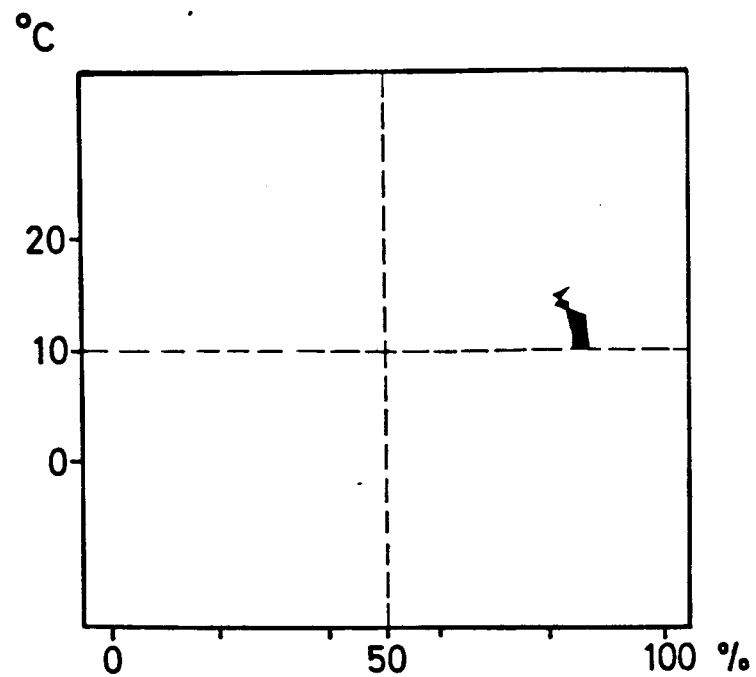
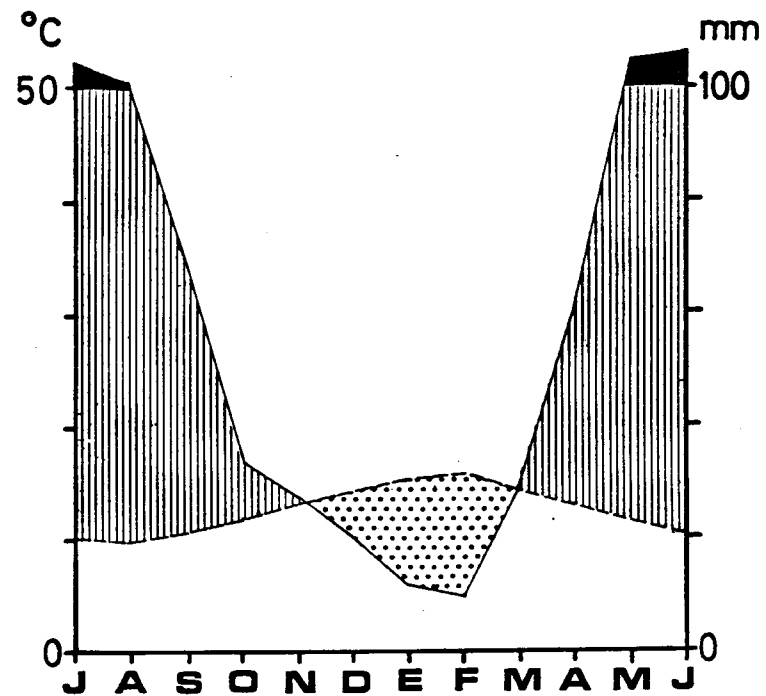
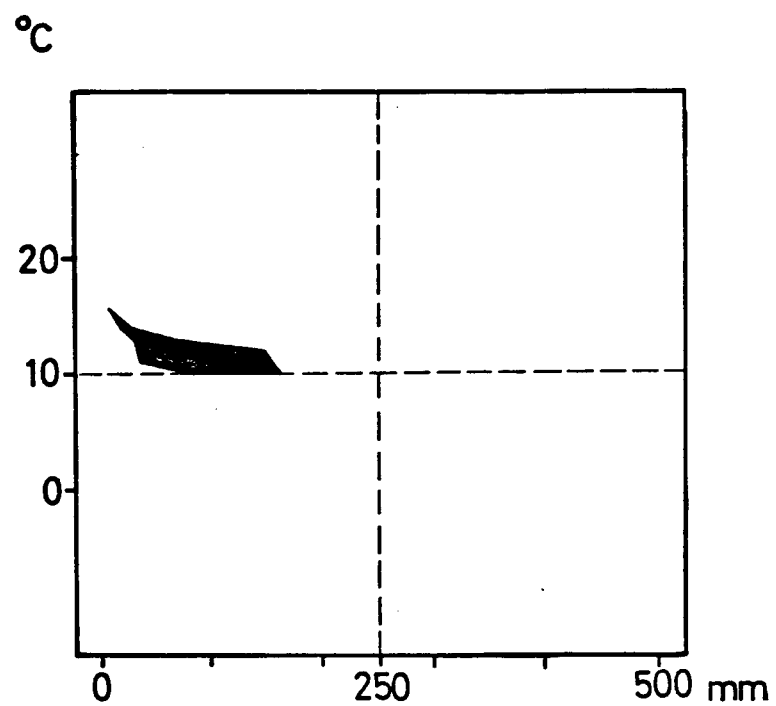
58 .

LATITUD 36 ° 37 ' S

LONGITUD 73 ° 06 ' W

ALTITUD 120 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.7 | 18.7 | 17.8 | 16.1 | 14.6  | 13.2  | 13.0  | 13.1  | 13.9 | 15.0 | 16.1 | 17.7 | 15.6  | 35                  |
| Temperatura<br>media        | 15.1 | 15.5 | 14.2 | 12.7 | 11.6  | 10.2  | 9.9   | 9.7   | 10.4 | 11.4 | 12.7 | 14.2 | 12.3  | 35                  |
| Temperatura<br>mínima media | 11.5 | 11.5 | 10.8 | 9.8  | 8.7   | 7.4   | 6.9   | 6.7   | 7.2  | 8.2  | 9.3  | 10.6 | 9.0   | 35                  |
| Humedad relativa            | 81   | 83   | 81   | 86   | 86    | 87    | 87    | 85    | 84   | 84   | 83   | 83   | 84    | 35                  |
| Precipitaciones             | 11.0 | 9.7  | 28.7 | 60.9 | 145.5 | 159.4 | 147.5 | 115.2 | 69.2 | 34.1 | 27.8 | 19.7 | 828.7 | 48                  |



Punta Tumbes 58

T A L C A H U A N O

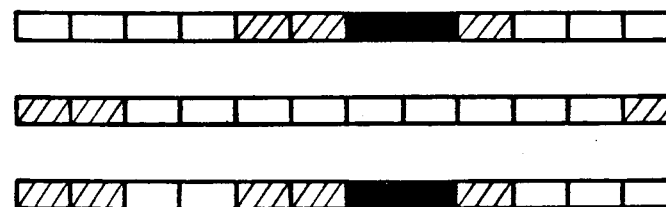
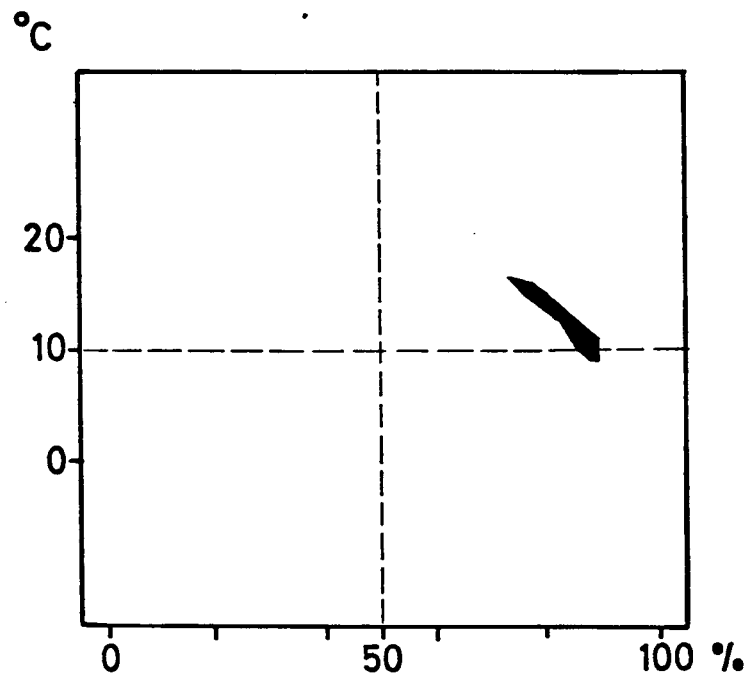
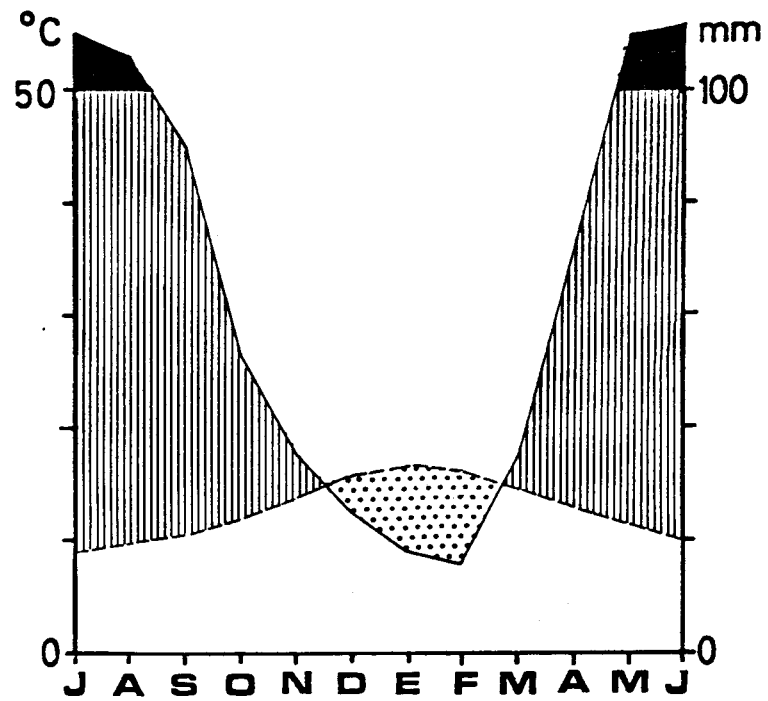
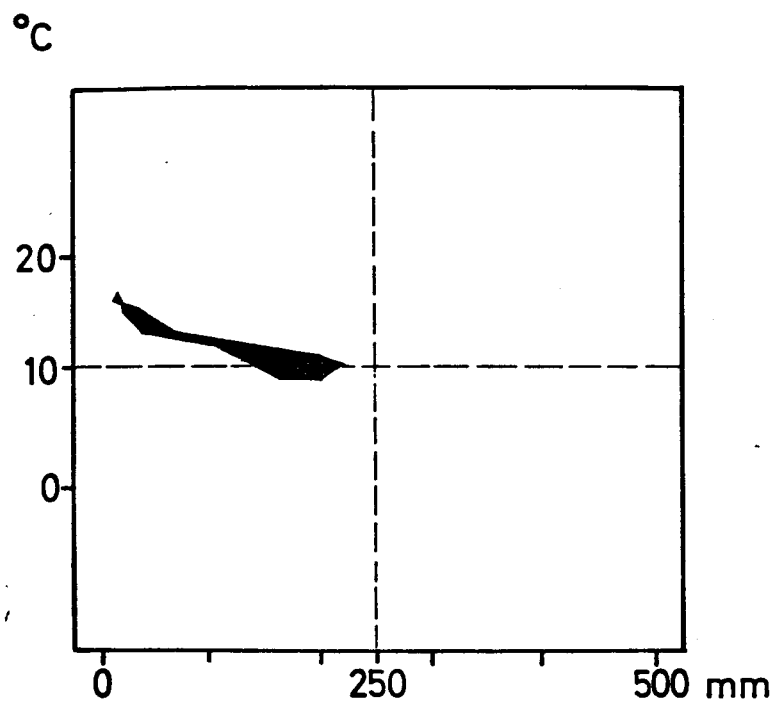
59 .

LATITUD 36 ° 43 ' S

LONGITUD 73 ° 07 ' W

ALTITUD 84 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 21.5 | 21.3 | 19.9 | 17.4 | 14.6  | 12.7  | 12.2  | 13.0  | 14.3 | 15.7 | 17.8 | 20.1 | 16.7    | 13                  |
| Temperatura<br>media        | 16.5 | 16.1 | 14.6 | 12.8 | 11.3  | 9.8   | 9.2   | 9.4   | 10.3 | 11.6 | 13.4 | 15.4 | 12.6    | 13                  |
| Temperatura<br>mínima media | 11.7 | 11.3 | 10.4 | 9.3  | 8.4   | 6.9   | 6.5   | 6.4   | 7.1  | 7.8  | 9.2  | 10.7 | 8.8     | 13                  |
| Humedad relativa            | 73   | 77   | 80   | 84   | 89    | 89    | 89    | 88    | 85   | 83   | 81   | 76   | 83      | 13                  |
| Precipitaciones             | 17.4 | 15.7 | 35.4 | 73.7 | 197.2 | 220.5 | 204.5 | 163.6 | 90.2 | 53.9 | 35.3 | 24.9 | 1.132.3 | 41                  |



Talcahuano 59

C O N C E P C I O N

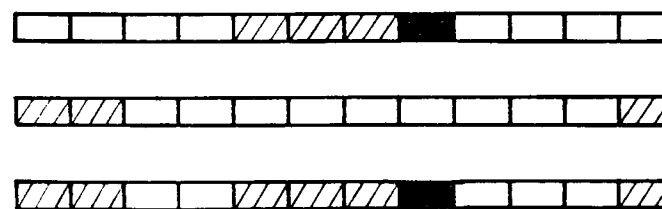
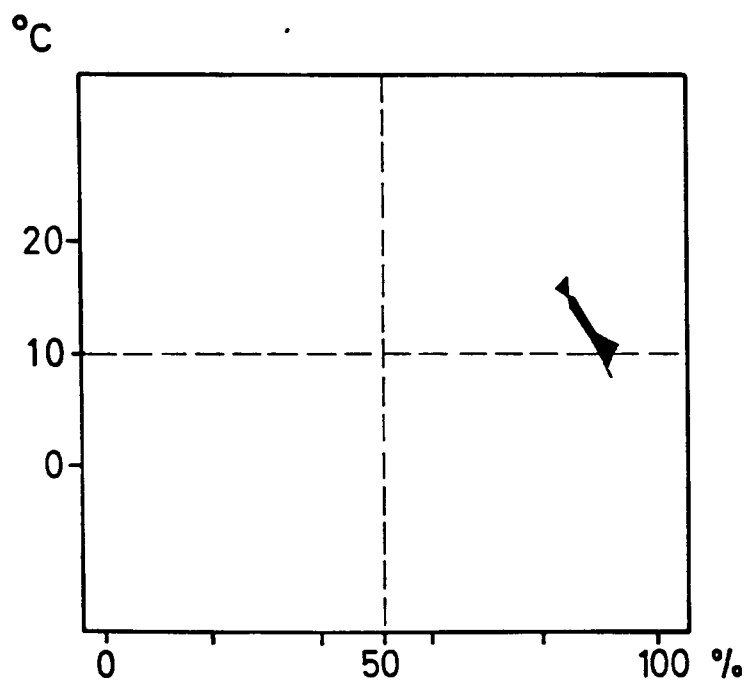
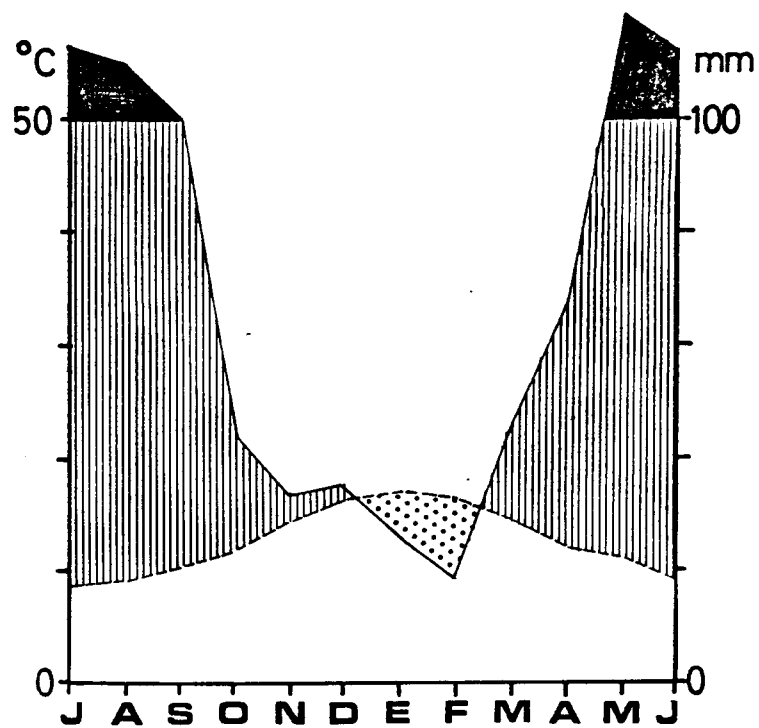
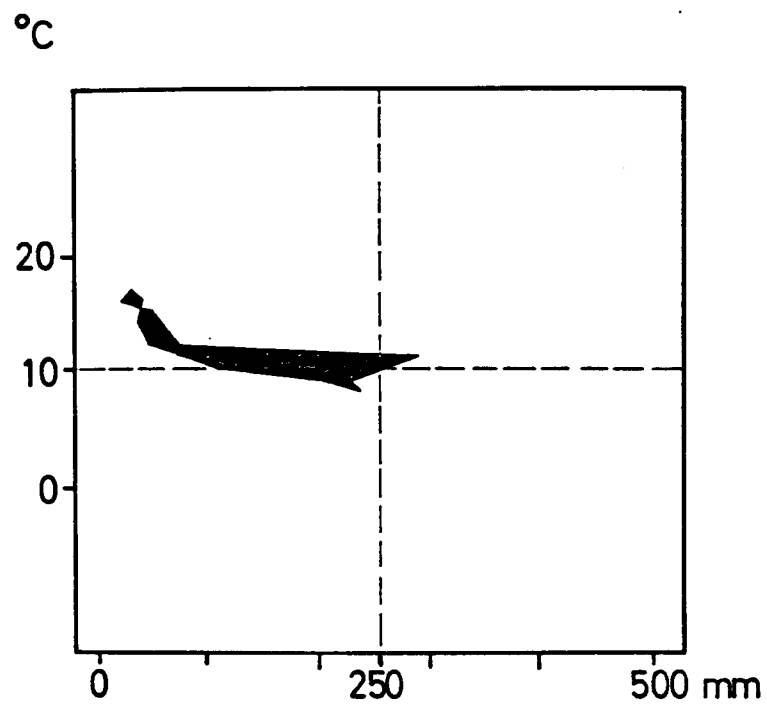
60 .

LATITUD 36 ° 50 ' S

LONGITUD 73 ° 02 ' W

ALTITUD 15 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 24.4 | 24.4 | 22.2 | 18.8 | 16.0  | 13.9  | 13.7  | 14.3  | 15.8  | 18.6 | 20.5 | 23.2 | 18.8    | 9                   |
| Temperatura<br>media        | 16.8 | 16.3 | 14.6 | 12.1 | 11.0  | 9.0   | 8.4   | 8.6   | 10.0  | 11.7 | 14.2 | 16.2 | 12.4    | 9                   |
| Temperatura<br>mínima media | 9.9  | 9.5  | 8.6  | 7.1  | 7.1   | 5.7   | 4.4   | 4.4   | 5.3   | 6.2  | 8.1  | 9.8  | 7.2     | 9                   |
| Humedad relativa            | 83   | 81   | 84   | 88   | 92    | 90    | 91    | 90    | 89    | 87   | 84   | 83   | 87      | 9                   |
| Precipitaciones             | 25.3 | 18.2 | 45.1 | 67.9 | 283.6 | 222.4 | 231.8 | 194.9 | 105.3 | 44.7 | 33.2 | 35.6 | 1.308.2 | 9                   |



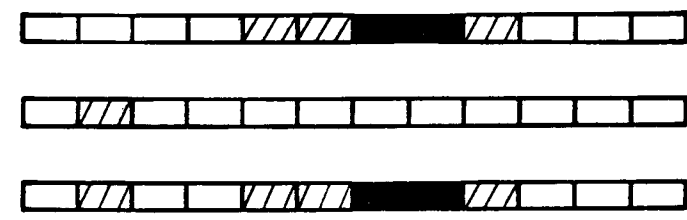
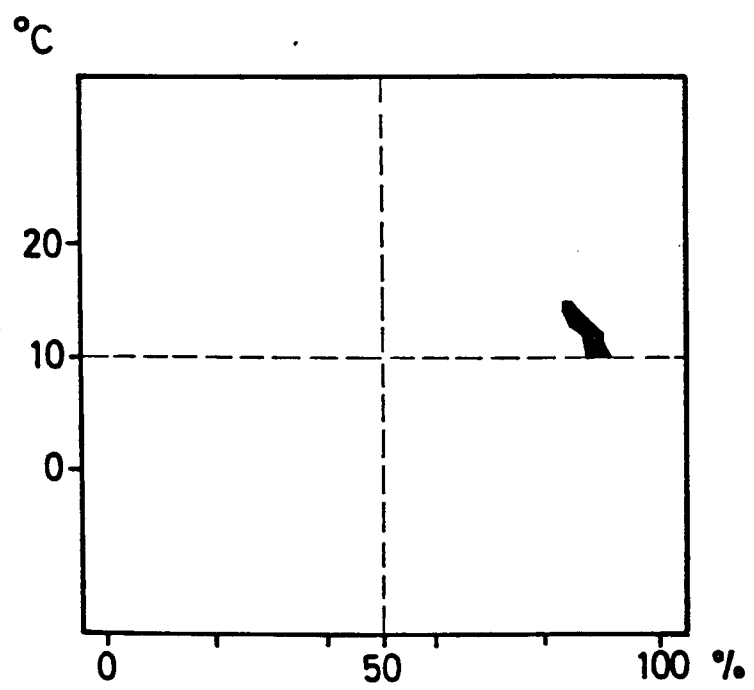
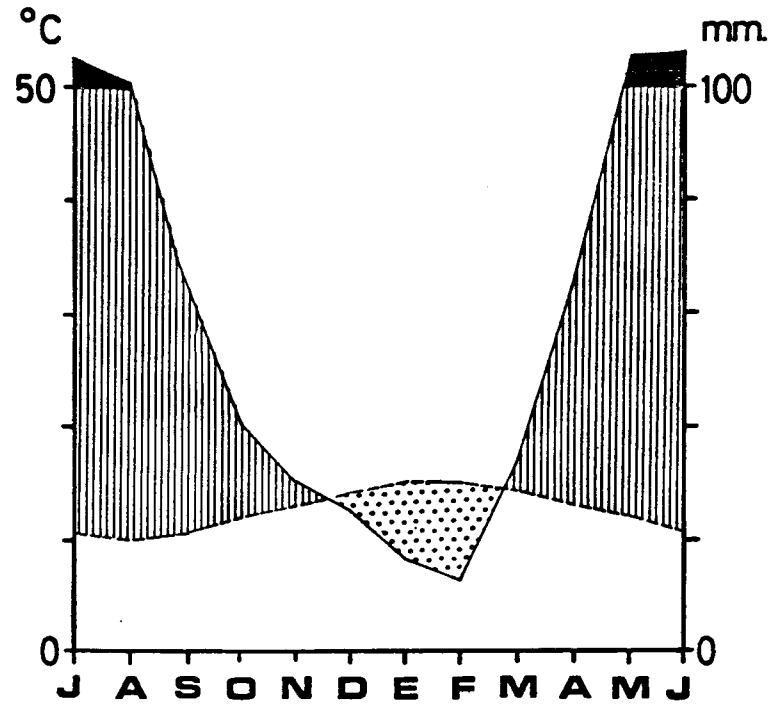
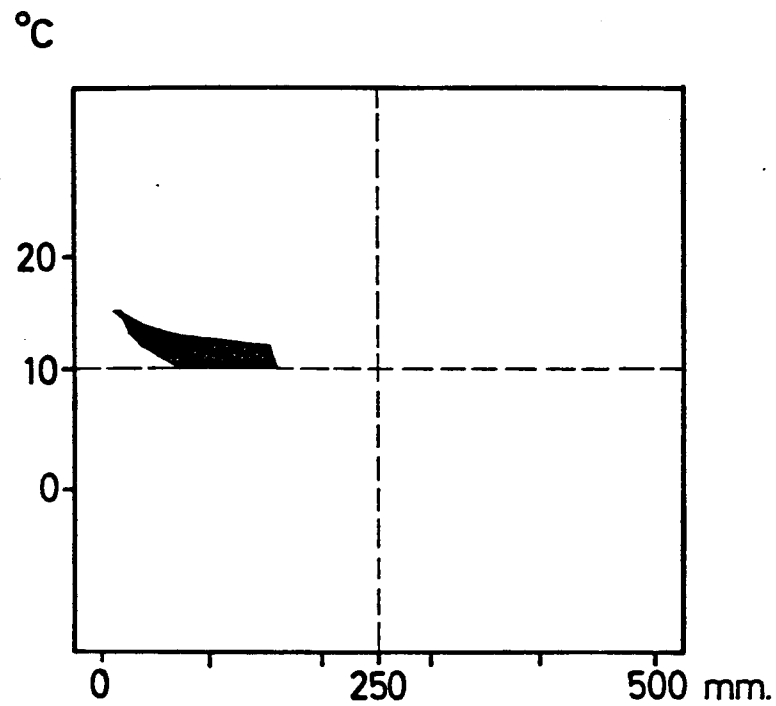
Concepción 60

I S L A      S A N T A      M A R I A

61 .

LATITUD 36 ° 59 ' S  
LONGITUD 73 ° 32 ' W  
ALTITUD 79 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.3 | 18.1 | 17.6 | 15.6 | 14.5  | 13.3  | 12.8  | 12.6  | 13.4 | 14.2 | 15.7 | 17.2 | 15.3  | 18                  |
| Temperatura<br>media        | 14.8 | 14.7 | 14.0 | 12.6 | 11.8  | 10.2  | 10.3  | 9.8   | 10.4 | 11.8 | 12.6 | 13.9 | 12.2  | 18                  |
| Temperatura<br>mínima media | 11.6 | 11.7 | 11.2 | 10.2 | 9.5   | 8.4   | 7.7   | 7.3   | 7.9  | 8.6  | 9.7  | 10.9 | 9.6   | 18                  |
| Humedad relativa            | 83   | 84   | 86   | 88   | 90    | 91    | 90    | 88    | 87   | 86   | 84   | 83   | 87    | 12                  |
| Precipitaciones             | 15.9 | 12.6 | 34.3 | 66.8 | 152.8 | 158.2 | 149.6 | 122.3 | 70.4 | 39.0 | 29.0 | 24.9 | 875.8 | 46                  |



P U N T A      L A V A P I E

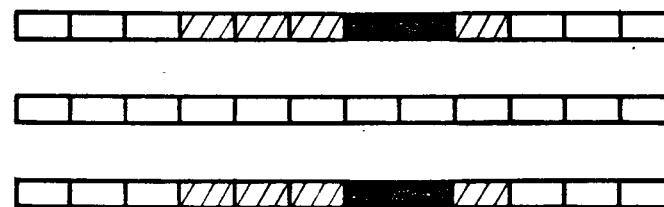
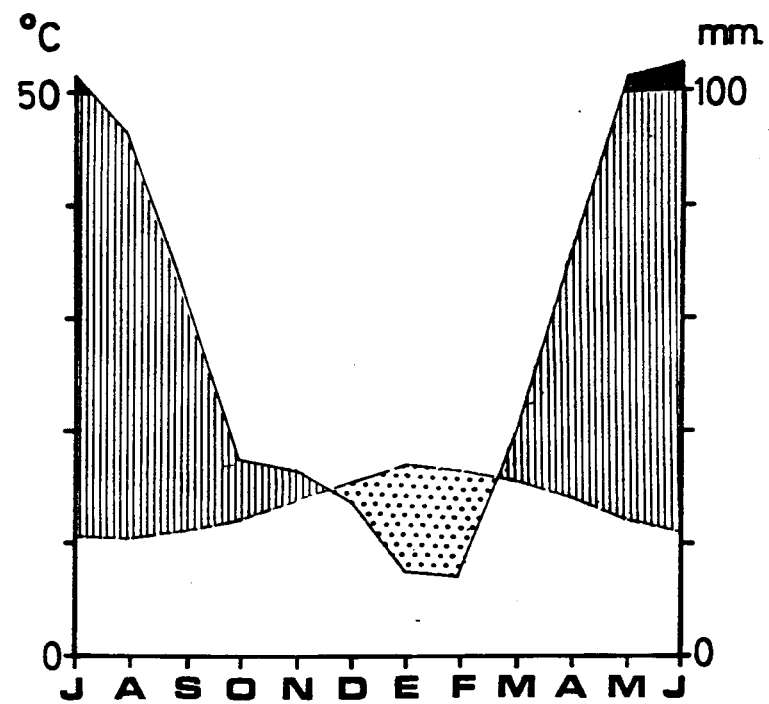
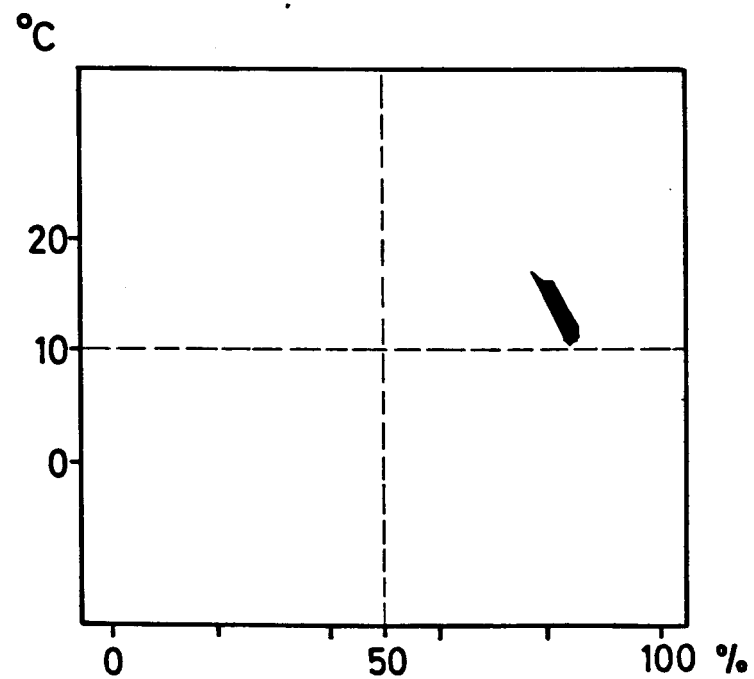
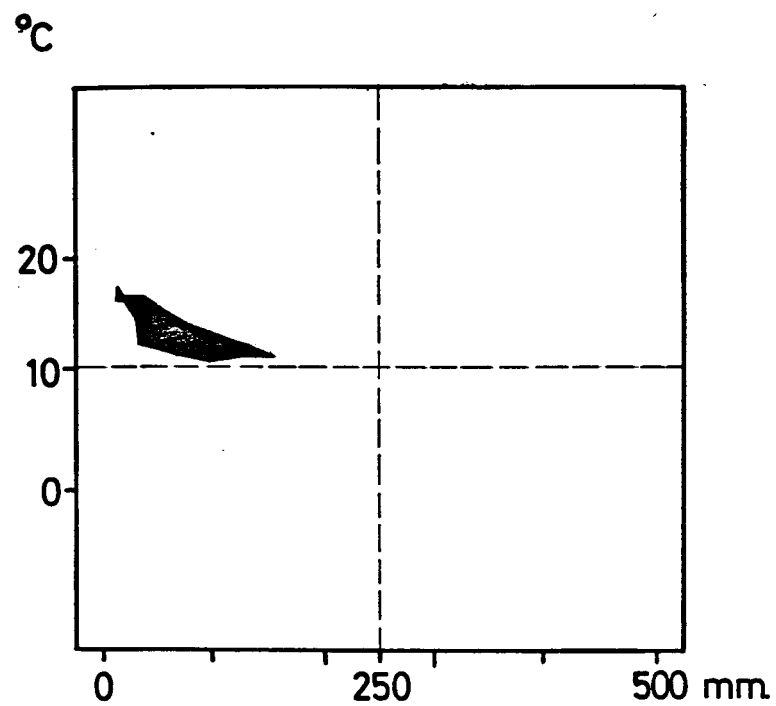
62 .

LATITUD 37 ° 08 ' S

LONGITUD 73 ° 35 ' W

ALTITUD 46 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 20.4 | 20.1 | 18.9 | 16.8 | 15.0  | 13.5  | 13.0  | 13.2 | 13.9 | 15.3 | 17.1 | 18.9 | 16.3  | 19                  |
| Temperatura<br>media        | 16.7 | 16.4 | 15.6 | 13.7 | 12.3  | 11.0  | 10.6  | 10.5 | 11.1 | 12.2 | 13.7 | 15.4 | 13.3  | 19                  |
| Temperatura<br>mínima media | 12.2 | 12.1 | 11.8 | 10.4 | 9.1   | 8.0   | 7.5   | 7.2  | 7.7  | 8.6  | 9.7  | 11.0 | 9.6   | 19                  |
| Humedad relativa            | 77   | 79   | 81   | 83   | 85    | 85    | 85    | 84   | 83   | 82   | 80   | 79   | 82    | 19                  |
| Precipitaciones             | 14.9 | 13.7 | 39.2 | 72.7 | 125.8 | 153.4 | 128.2 | 93.2 | 68.6 | 35.0 | 32.2 | 27.0 | 803.9 | 27                  |



Punta Lavapié 62

L O S   A N G E L E S

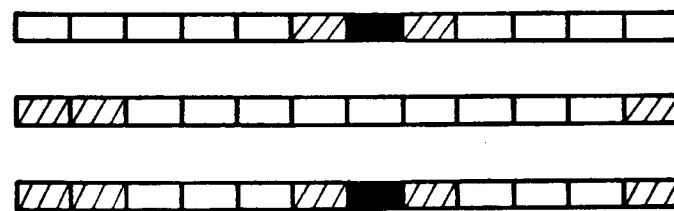
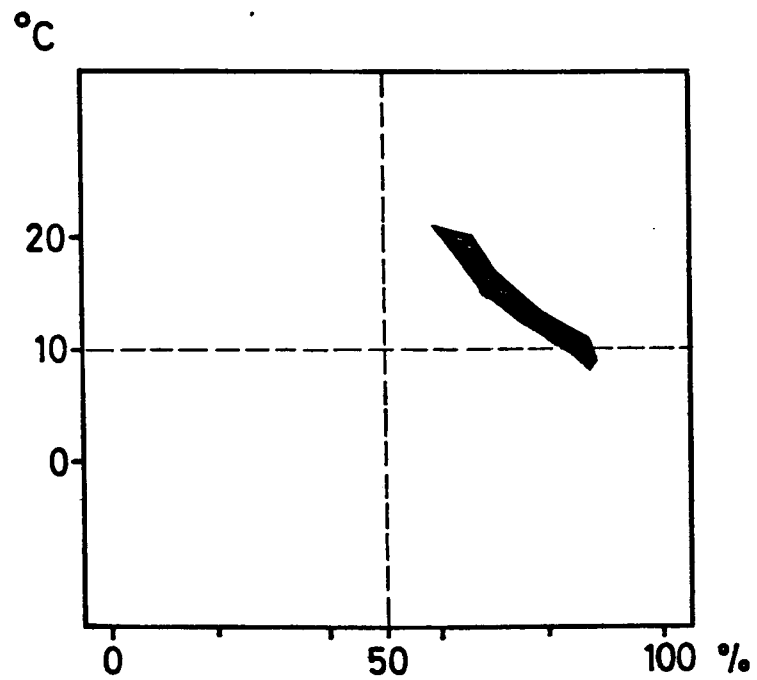
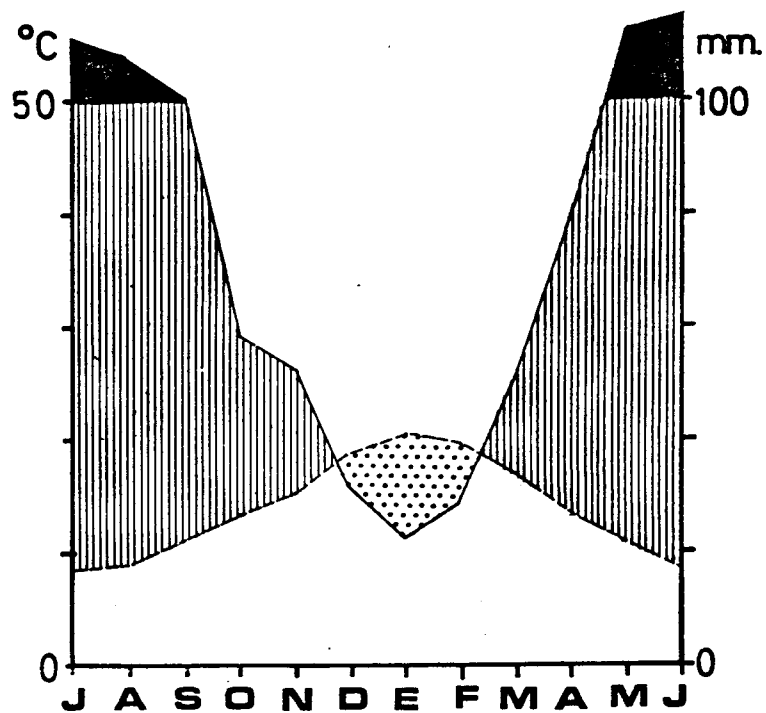
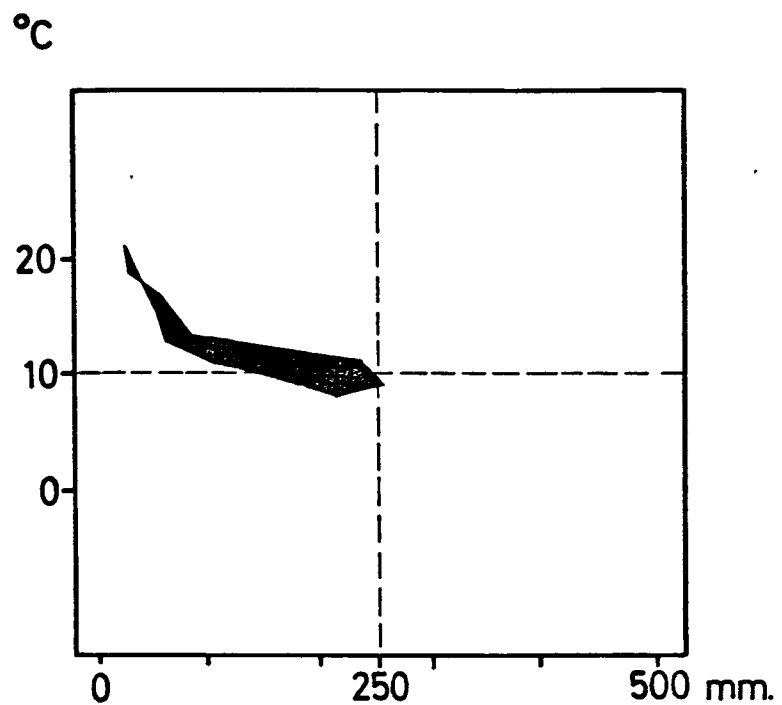
63 .

LATITUD 37 ° 28 ' S

LONGITUD 72 ° 21 ' W

ALTITUD 130 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 29.0 | 27.8 | 24.7 | 20.2 | 15.2  | 12.5  | 12.6  | 13.5  | 16.7  | 19.8 | 22.8 | 26.6 | 20.1    | 15                  |
| Temperatura<br>media        | 20.6 | 19.4 | 16.7 | 13.5 | 10.7  | 8.6   | 8.2   | 8.6   | 10.8  | 13.3 | 15.0 | 18.6 | 13.7    | 15                  |
| Temperatura<br>mínima media | 11.7 | 11.8 | 9.5  | 8.0  | 7.0   | 5.2   | 5.0   | 4.8   | 6.0   | 7.4  | 8.7  | 10.7 | 8.1     | 15                  |
| Humedad relativa            | 59   | 66   | 70   | 78   | 87    | 88    | 87    | 85    | 79    | 73   | 68   | 62   | 75      | 11                  |
| Precipitaciones             | 22.3 | 28.5 | 51.3 | 81.7 | 234.3 | 252.4 | 211.2 | 181.4 | 104.9 | 58.4 | 52.3 | 31.8 | 1.310.5 | 38                  |



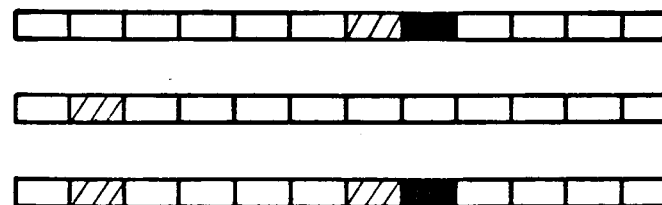
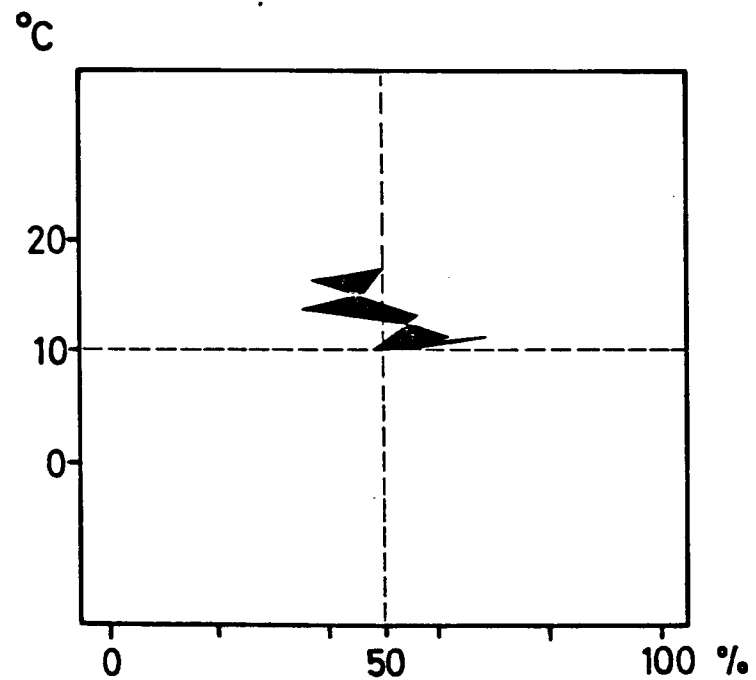
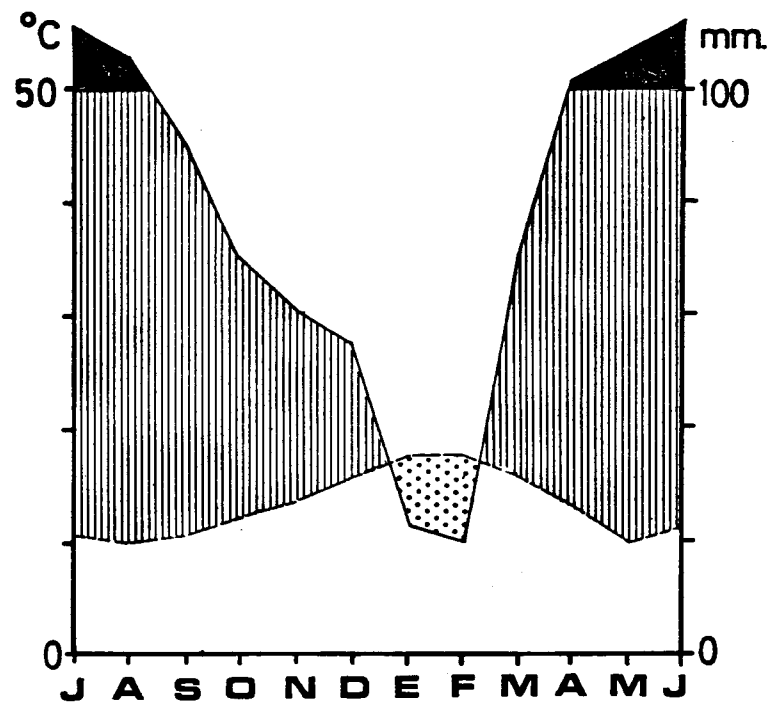
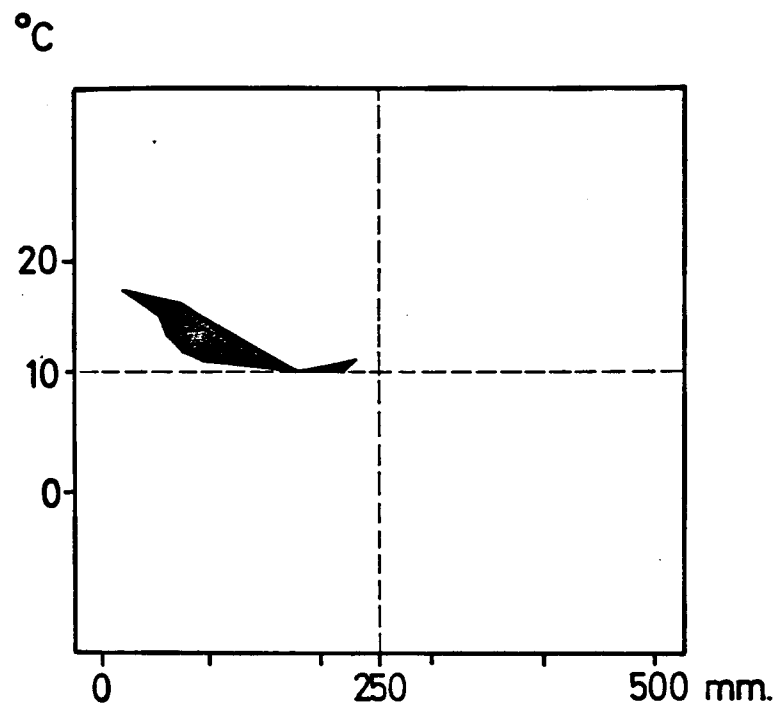
Los Angeles 63

LATITUD 37 ° 37 ' S

LONGITUD 73 ° 40 ' W

ALTITUD 20 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 22.0 | 22.4 | 21.2 | 18.0  | 15.0  | 14.6  | 13.8  | 13.7  | 14.7 | 16.4 | 17.4 | 19.2 | 17.4    | 2                   |
| Temperatura<br>media        | 17.2 | 17.3 | 15.8 | 12.9  | 10.0  | 11.1  | 10.3  | 9.9   | 10.6 | 12.3 | 13.5 | 15.4 | 13.0    | 2                   |
| Temperatura<br>mínima media | 13.1 | 13.3 | 11.8 | 9.8   | 6.3   | 8.2   | 7.3   | 6.7   | 7.6  | 9.3  | 9.8  | 11.7 | 9.6     | 2                   |
| Humedad relativa            | 49   | 50   | 37   | 56    | 49    | 69    | 53    | 50    | 62   | 56   | 35   | 46   | 51      | 2                   |
| Precipitaciones             | 23.6 | 19.9 | 70.2 | 120.6 | 178.6 | 230.3 | 217.2 | 164.0 | 91.8 | 70.3 | 60.5 | 55.2 | 1.302.2 | 20                  |



Lebu 64

A N G O L

( EL VERGEL )

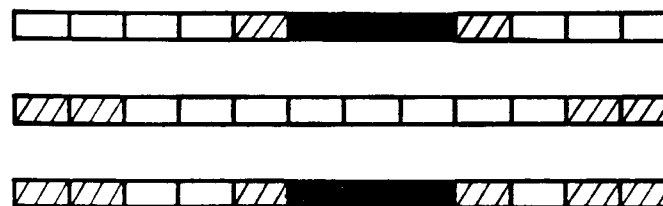
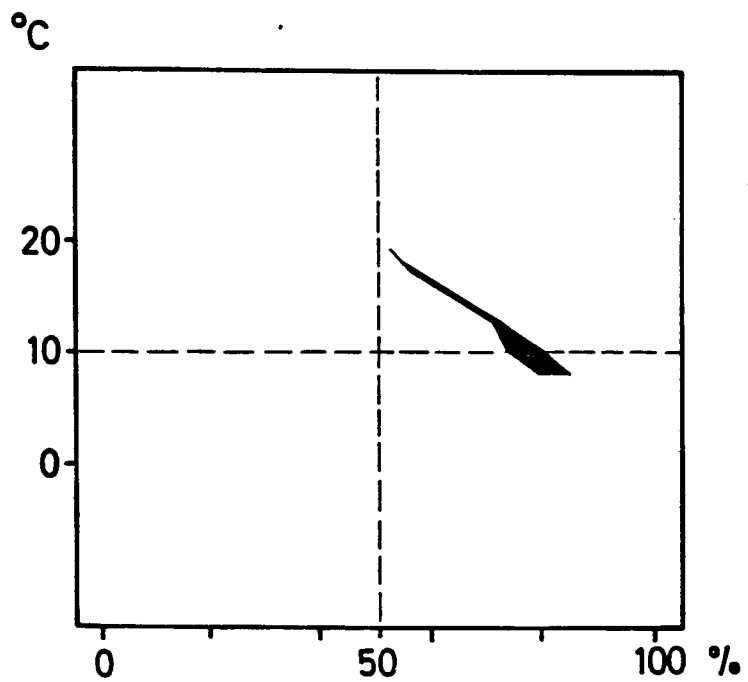
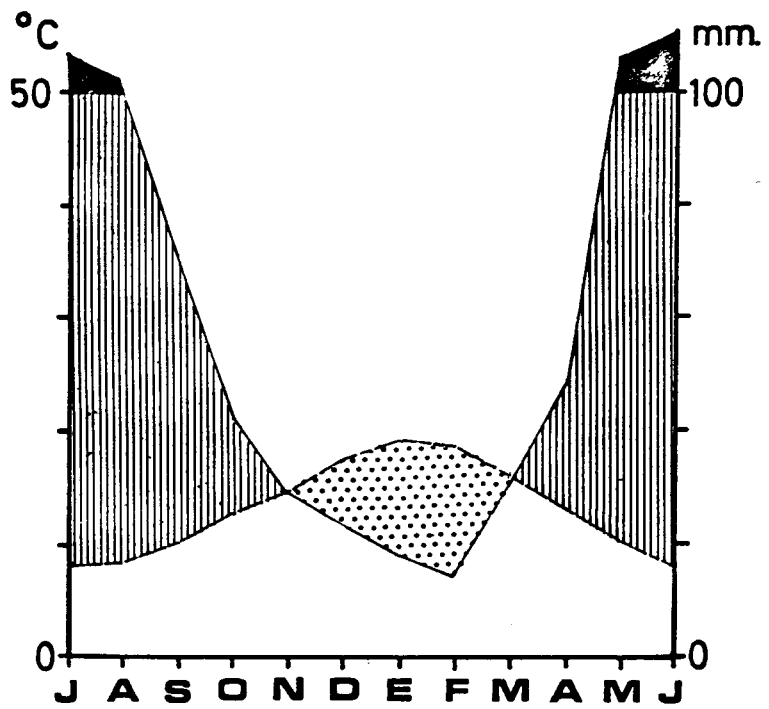
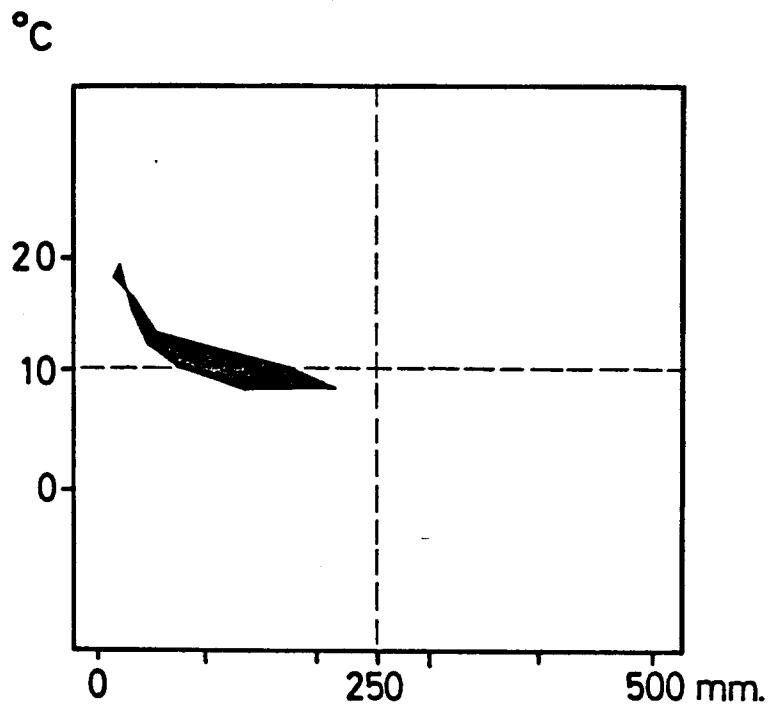
65 .

LATITUD 37 ° 49 ' S

LONGITUD 72 ° 39 ' W

ALTITUD 77 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 27.0 | 27.2 | 24.3 | 20.1 | 15.3  | 12.6  | 12.3  | 13.8  | 16.4 | 20.7 | 22.3 | 25.5 | 19.8  | 19                  |
| Temperatura<br>media        | 19.0 | 18.4 | 16.0 | 12.9 | 9.9   | 8.0   | 7.9   | 8.3   | 10.1 | 12.6 | 14.6 | 17.1 | 12.8  | 19                  |
| Temperatura<br>mínima media | 11.5 | 11.3 | 9.4  | 7.3  | 5.6   | 4.6   | 4.1   | 4.2   | 5.2  | 6.8  | 8.2  | 10.1 | 7.4   | 19                  |
| Humedad relativa            | 52   | 54   | 61   | 71   | 80    | 84    | 82    | 79    | 73   | 70   | 63   | 56   | 69    | 15                  |
| Precipitaciones             | 17.7 | 14.0 | 30.3 | 49.0 | 166.7 | 214.2 | 170.6 | 126.0 | 71.1 | 42.2 | 29.1 | 22.3 | 953.2 | 28                  |



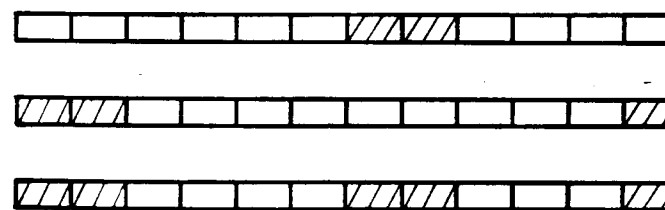
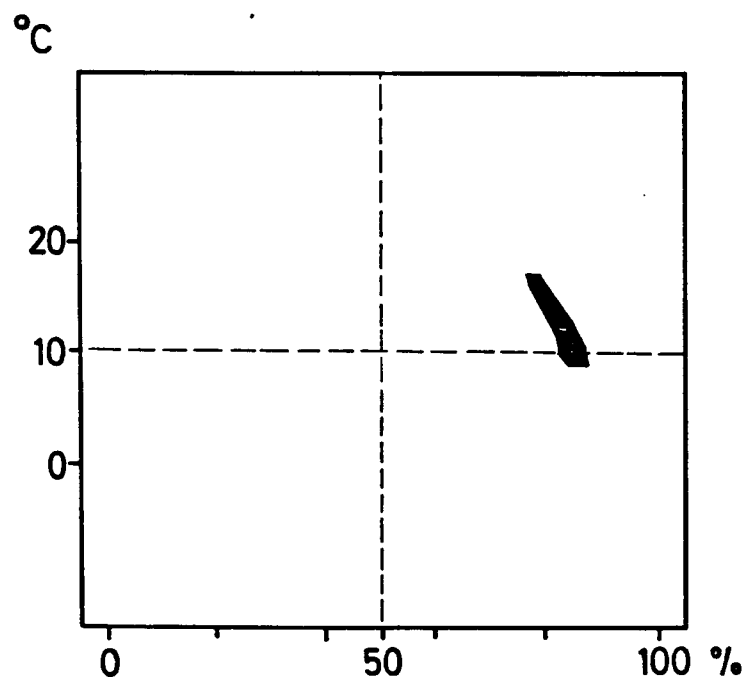
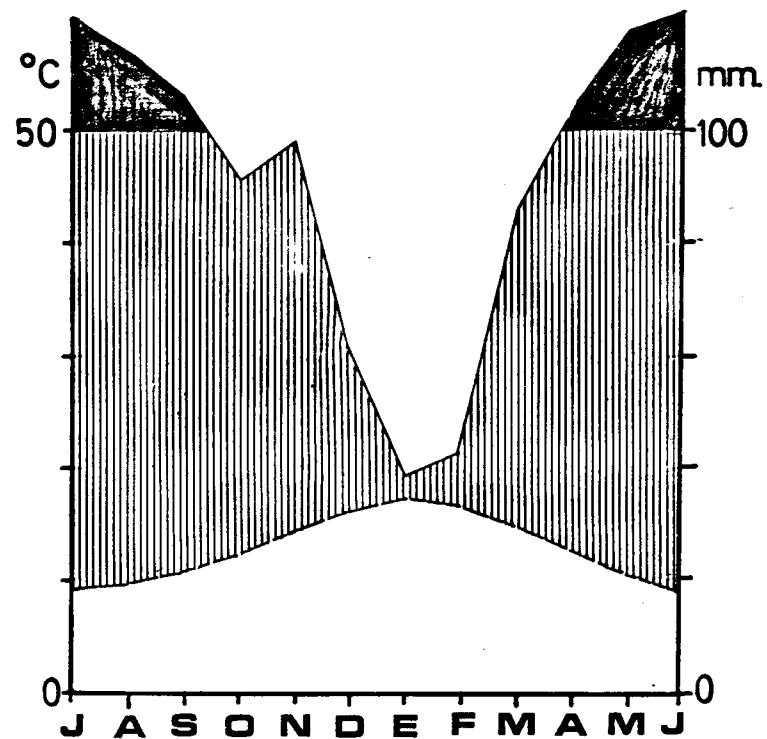
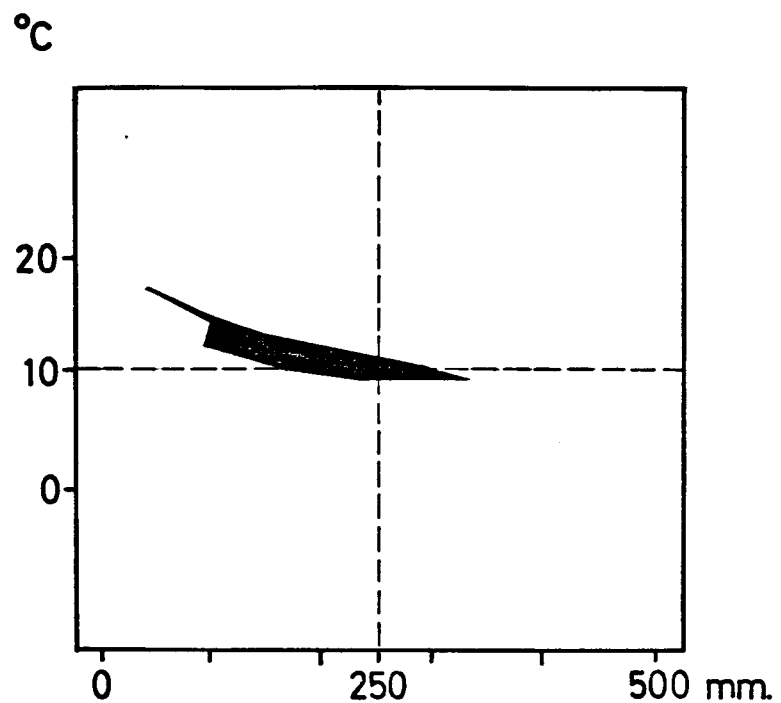
Angol (El Vergel) 65

C O N T U L M O

66 .

LATITUD 38 ° 02 ' S  
LONGITUD 73 ° 12 ' W  
ALTITUD 38 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 26.1 | 25.7 | 23.6 | 20.1  | 16.0  | 13.6  | 13.7  | 15.6  | 17.2  | 19.6 | 21.5 | 23.8 | 19.7    | 35                  |
| Temperatura<br>media        | 17.1 | 16.6 | 15.0 | 12.9  | 10.7  | 9.1   | 8.9   | 9.3   | 10.3  | 12.2 | 13.9 | 15.7 | 12.6    | 35                  |
| Temperatura<br>mínima media | 9.8  | 9.7  | 8.8  | 7.6   | 6.3   | 5.3   | 5.0   | 4.8   | 5.5   | 6.5  | 7.8  | 9.0  | 7.2     | 35                  |
| Humedad relativa            | 76   | 78   | 81   | 84    | 86    | 87    | 86    | 84    | 82    | 81   | 79   | 77   | 82      | 35                  |
| Precipitaciones             | 38.1 | 42.8 | 85.5 | 142.6 | 294.7 | 331.1 | 308.4 | 239.2 | 161.7 | 91.6 | 98.5 | 61.9 | 1.896.1 | 42                  |



Contulmo 66

V I C T O R I A

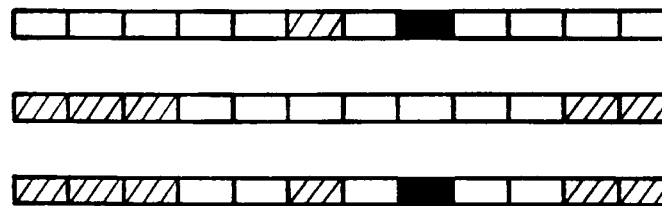
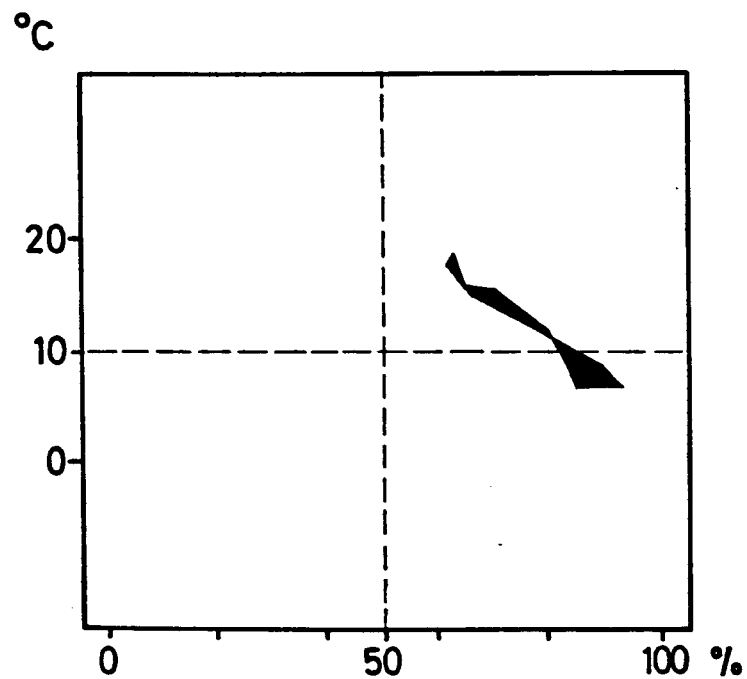
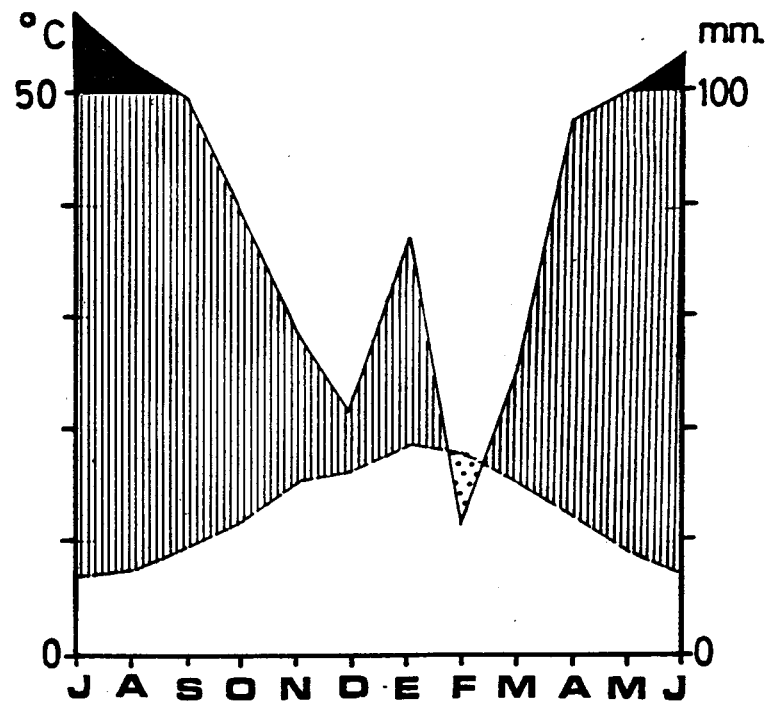
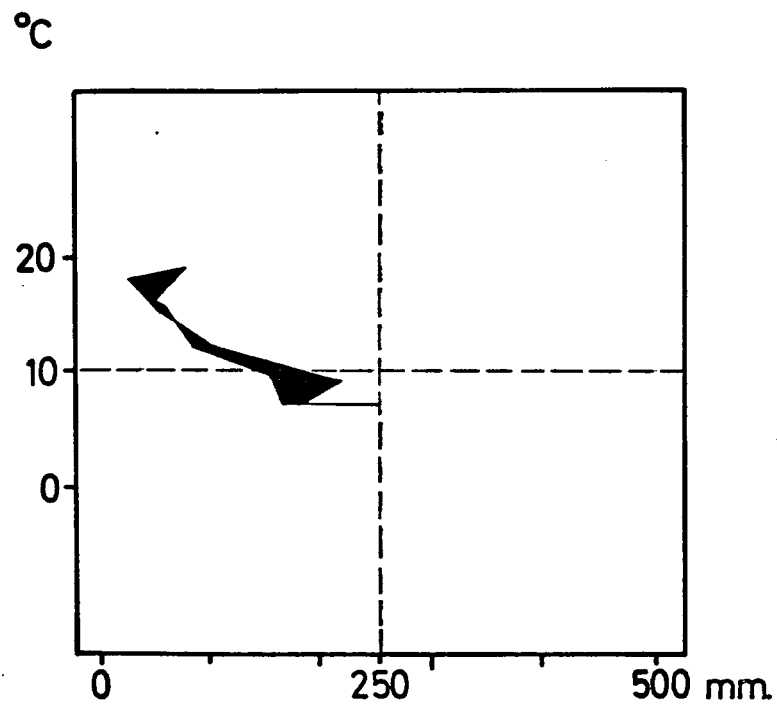
67 .

LATITUD 38 ° 13 ' S

LONGITUD 72 ° 21 ' W

ALTITUD 360 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 25.6 | 26.1 | 21.5 | 17.5 | 13.3  | 10.7  | 10.1  | 12.0  | 14.3 | 17.2 | 21.1 | 24.3 | 17.0    | 7                   |
| Temperatura<br>media        | 18.7 | 18.1 | 15.4 | 12.3 | 9.4   | 7.3   | 6.8   | 7.4   | 9.5  | 11.8 | 15.5 | 16.4 | 12.4    | 7                   |
| Temperatura<br>mínima media | 7.9  | 7.9  | 7.2  | 5.3  | 4.6   | 3.6   | 2.1   | 2.4   | 2.9  | 4.2  | 5.9  | 7.2  | 5.1     | 7                   |
| Humedad relativa            | 62   | 61   | 66   | 77   | 89    | 92    | 85    | 84    | 82   | 79   | 70   | 62   | 76      | 7                   |
| Precipitaciones             | 74.2 | 23.3 | 51.7 | 95.6 | 214.6 | 175.2 | 245.1 | 160.0 | 98.9 | 79.7 | 57.4 | 43.6 | 1.329.3 | 7                   |



T R A I G U E N

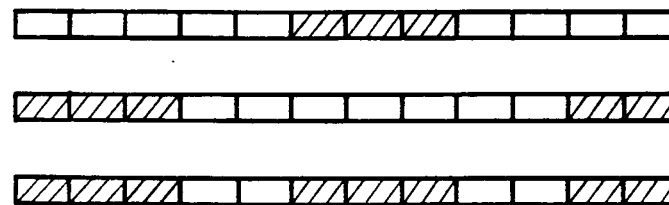
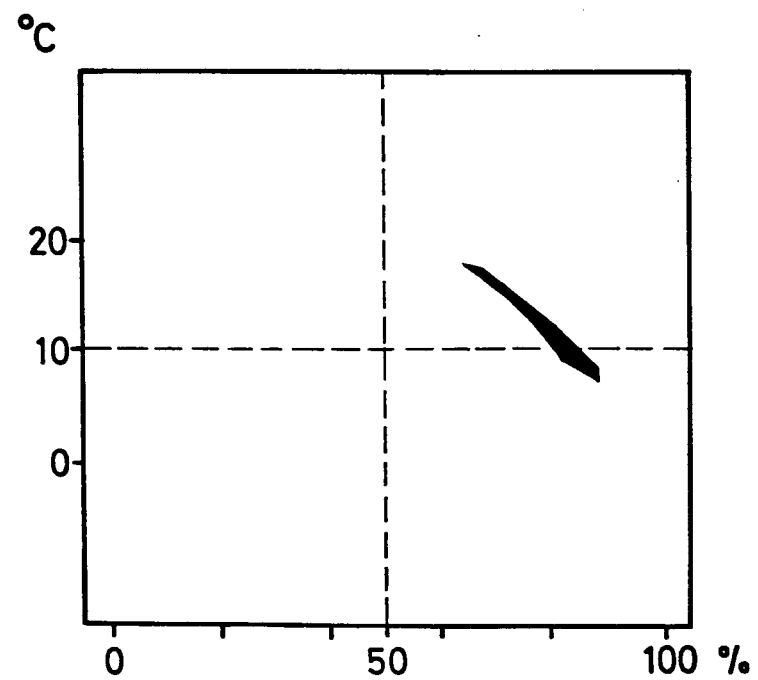
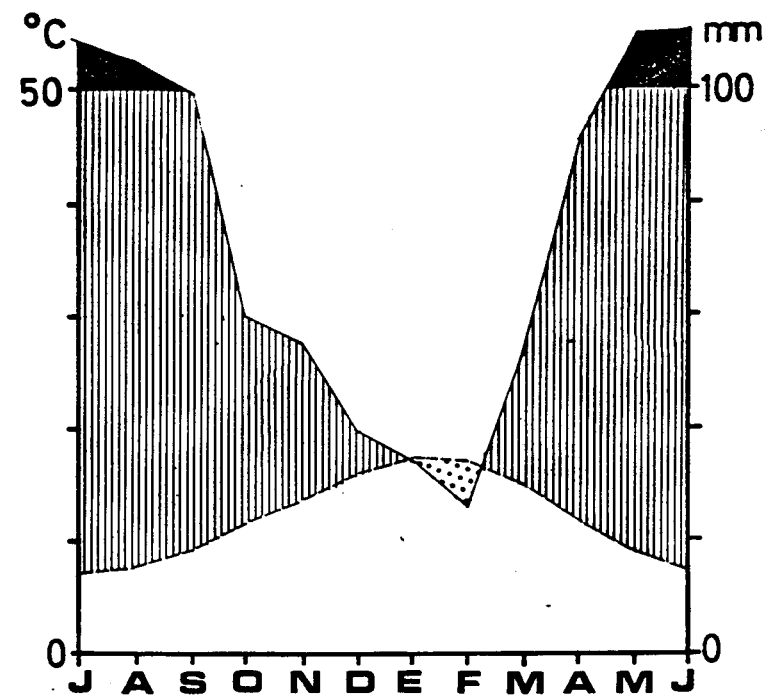
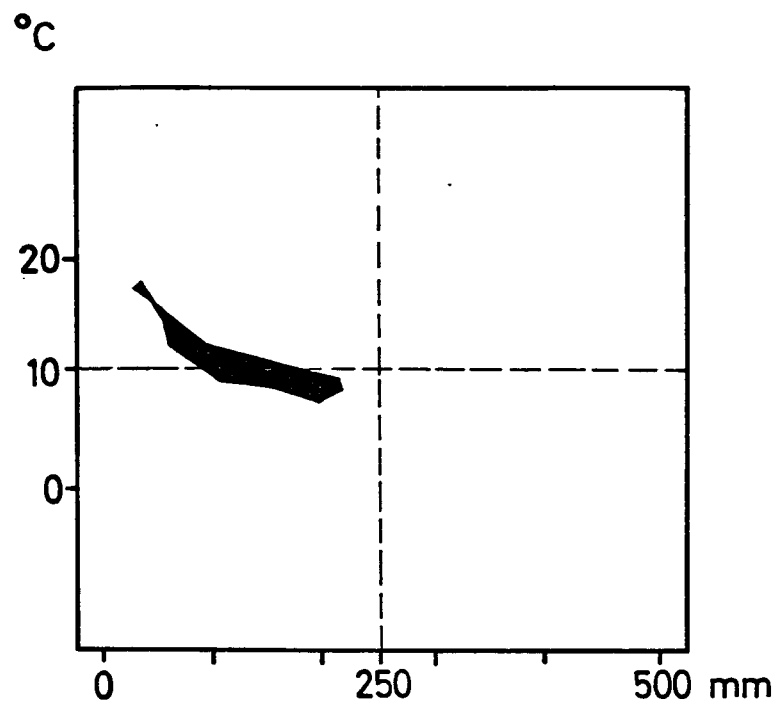
68 .

LATITUD 38 ° 15 ' S

LONGITUD 72 ° 40 ' W

ALTITUD 170 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 26.8 | 26.5 | 23.1 | 18.4 | 14.3  | 11.7  | 11.6  | 12.9  | 15.3  | 18.6 | 21.3 | 24.2 | 18.7    | 29                  |
| Temperatura<br>media        | 17.5 | 17.2 | 15.1 | 11.9 | 9.3   | 7.6   | 7.3   | 7.8   | 9.4   | 11.6 | 13.6 | 15.9 | 12.0    | 29                  |
| Temperatura<br>mínima media | 10.4 | 10.1 | 8.7  | 7.0  | 5.5   | 4.7   | 4.1   | 3.8   | 4.8   | 6.0  | 7.6  | 9.1  | 6.8     | 29                  |
| Humedad relativa            | 64   | 67   | 72   | 80   | 86    | 88    | 88    | 85    | 82    | 77   | 73   | 68   | 78      | 35                  |
| Precipitaciones             | 34.4 | 26.2 | 53.3 | 91.8 | 211.1 | 214.3 | 192.0 | 159.2 | 103.4 | 59.8 | 55.7 | 40.0 | 1.241.2 | 47                  |



Traiguén **68**

I S L A M O C H A W

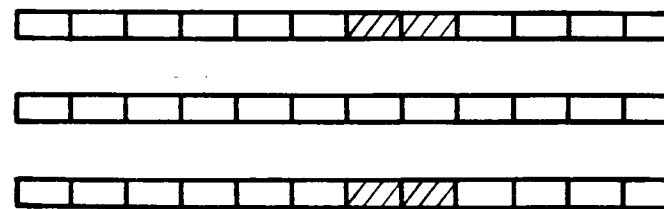
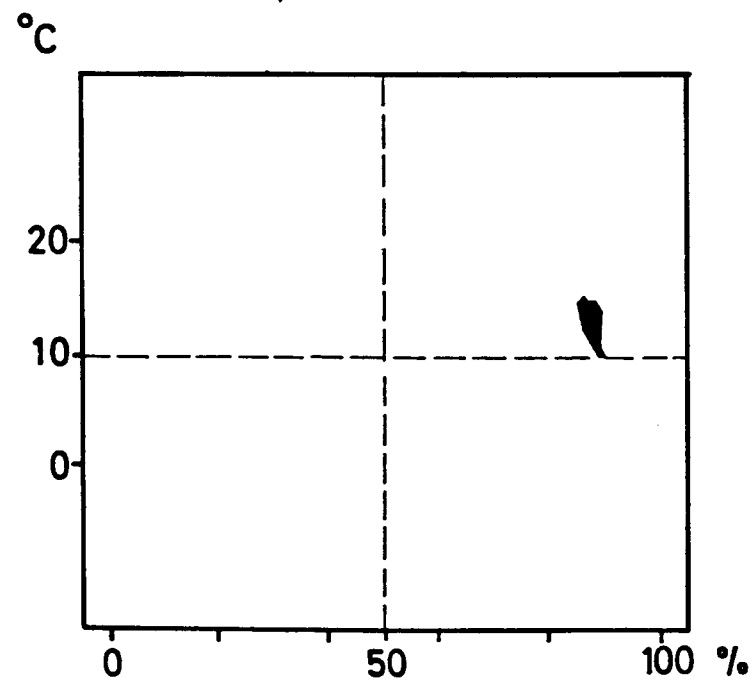
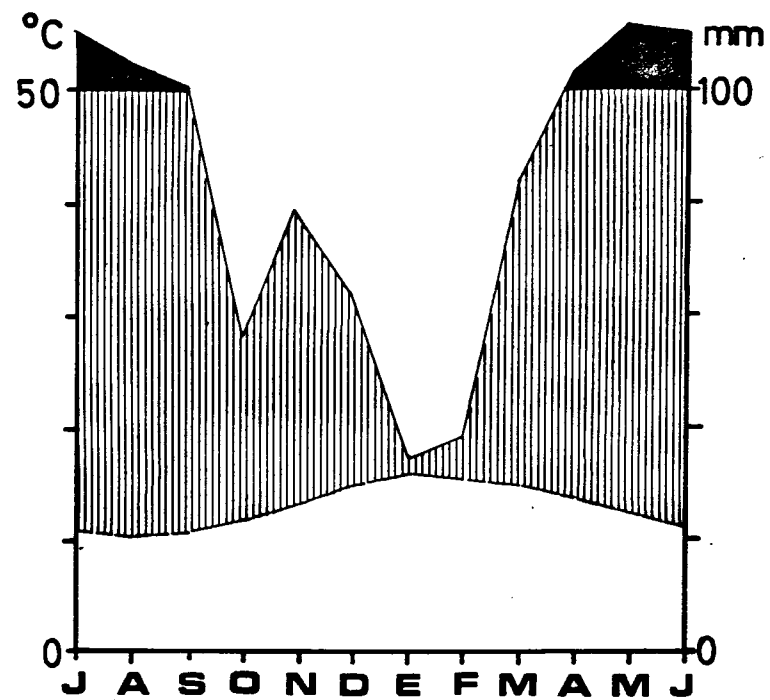
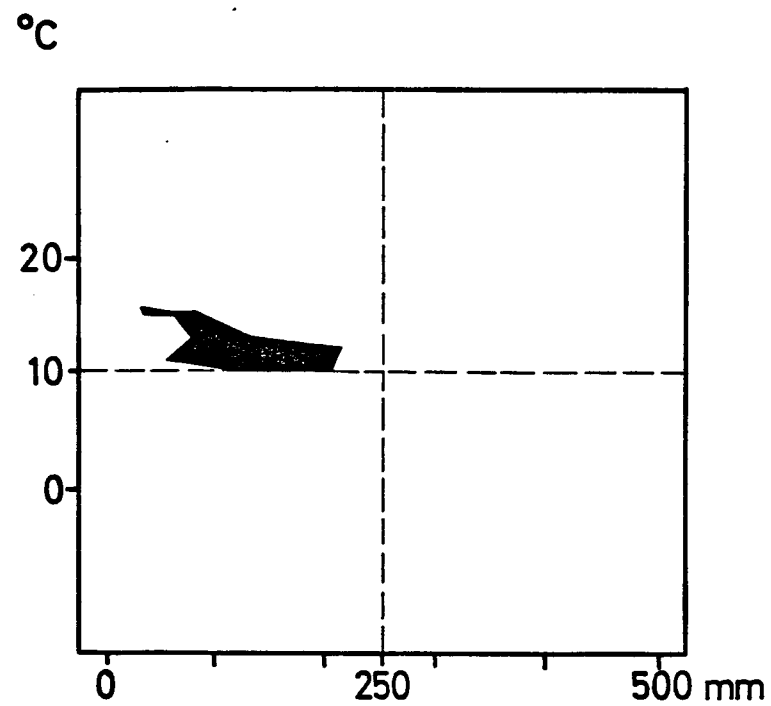
69 .

LATITUD 38 ° 21 ' S

LONGITUD 73 ° 58 ' W

ALTITUD 20 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 18.2 | 18.1 | 17.1 | 15.7  | 14.7  | 13.3  | 12.9  | 12.9  | 13.2  | 13.9 | 15.5 | 17.5 | 15.3    | 15                  |
| Temperatura<br>media        | 15.5 | 15.1 | 14.6 | 13.4  | 12.0  | 10.7  | 10.4  | 10.1  | 10.3  | 11.6 | 12.9 | 14.6 | 12.6    | 15                  |
| Temperatura<br>mínima media | 12.2 | 12.0 | 11.7 | 10.4  | 9.1   | 7.7   | 7.4   | 6.9   | 7.3   | 8.5  | 9.7  | 11.2 | 9.5     | 15                  |
| Humedad relativa            | 86   | 87   | 88   | 89    | 89    | 89    | 90    | 89    | 89    | 87   | 86   | 85   | 88      | 17                  |
| Precipitaciones             | 33.9 | 37.8 | 83.3 | 129.1 | 217.9 | 207.2 | 203.5 | 149.0 | 113.6 | 55.9 | 77.9 | 63.8 | 1.372.9 | 15                  |



I S L A M O C H A E

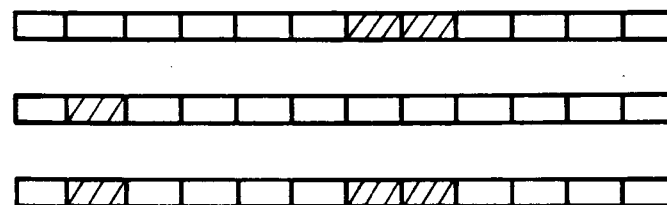
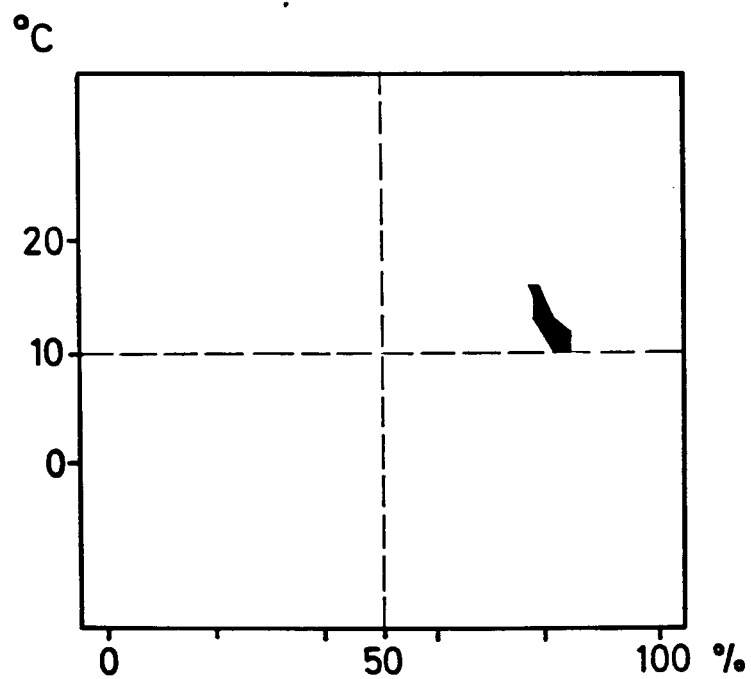
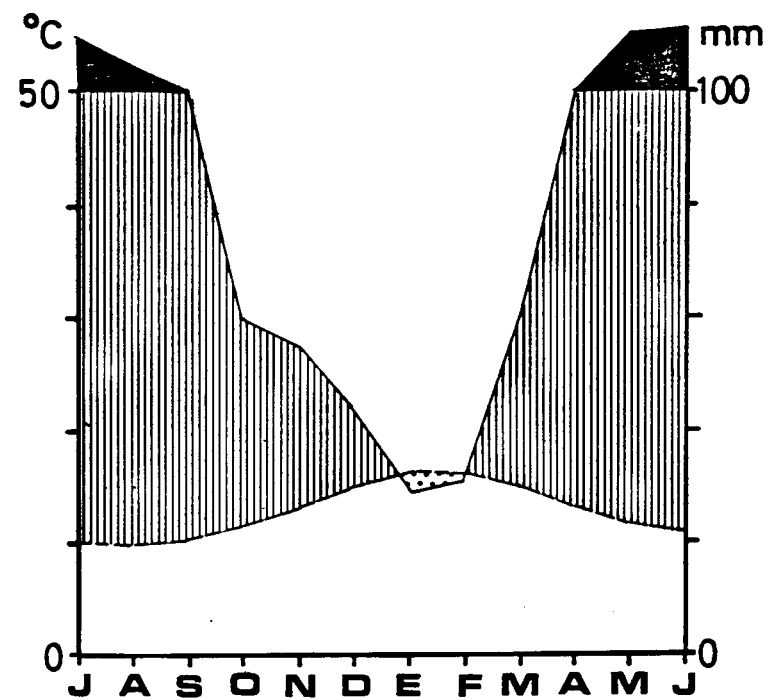
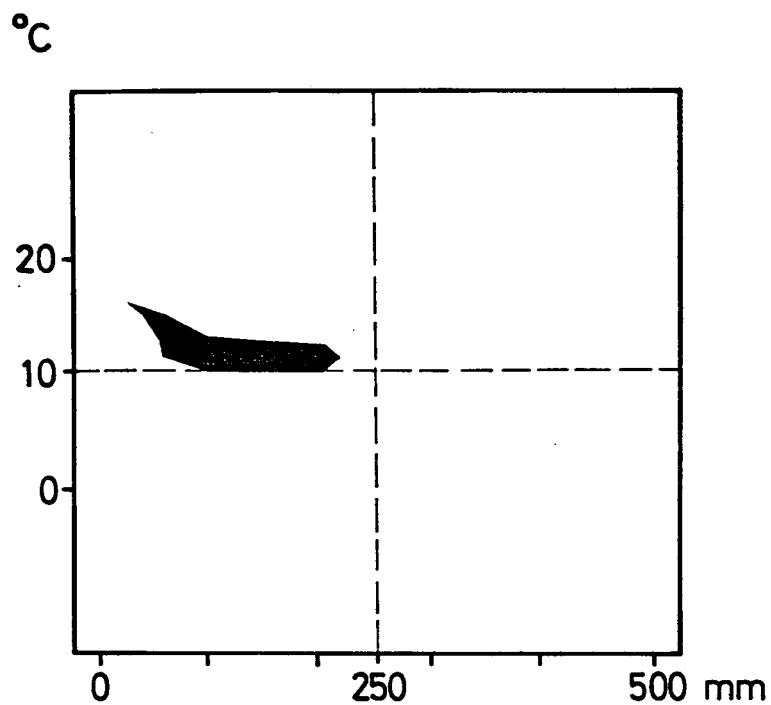
70 .

LATITUD 38 ° 22 ' S

LONGITUD 73 ° 54 ' W

ALTITUD 30 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 19.6 | 19.4 | 18.0 | 15.9 | 14.2  | 13.0  | 12.5  | 12.5  | 13.2  | 14.6 | 16.4 | 18.2 | 15.6    | 23                  |
| Temperatura<br>media        | 16.2 | 16.1 | 14.9 | 13.0 | 11.6  | 10.8  | 10.1  | 9.8   | 10.2  | 11.5 | 13.0 | 14.7 | 12.7    | 23                  |
| Temperatura<br>mínima media | 12.0 | 12.1 | 11.2 | 10.0 | 9.0   | 8.1   | 7.3   | 6.9   | 7.4   | 8.2  | 9.6  | 10.0 | 9.3     | 23                  |
| Humedad relativa            | 77   | 78   | 79   | 81   | 84    | 84    | 84    | 83    | 82    | 80   | 78   | 78   | 81      | 19                  |
| Precipitaciones             | 28.7 | 30.6 | 59.8 | 99.8 | 206.2 | 217.3 | 203.6 | 155.7 | 100.3 | 59.5 | 54.7 | 44.0 | 1.260.2 | 58                  |



Isla Mocha E 70

C U L L I N C O

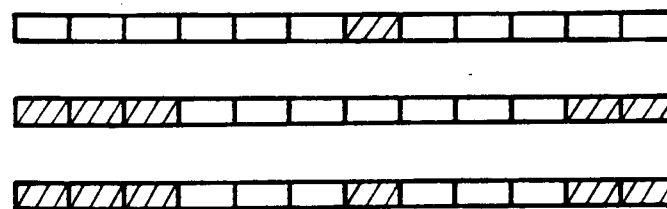
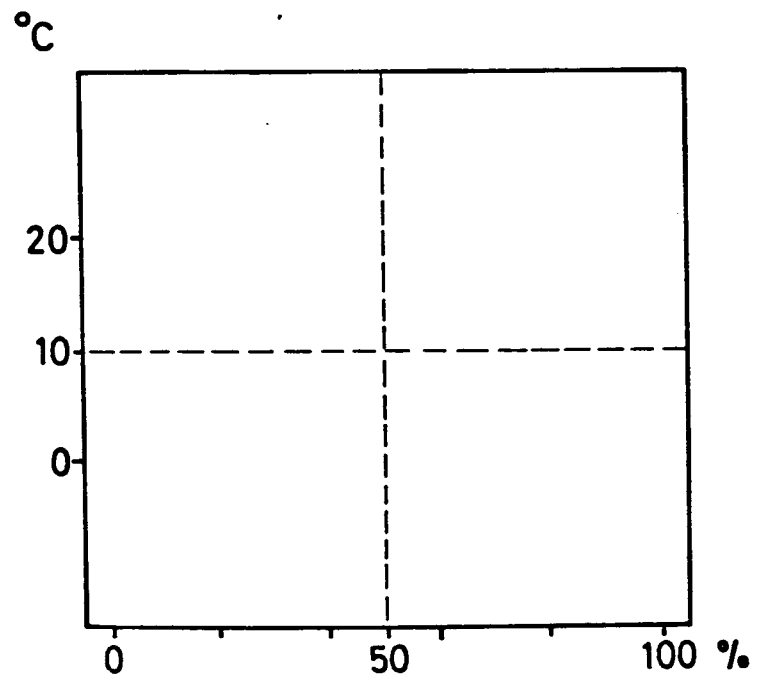
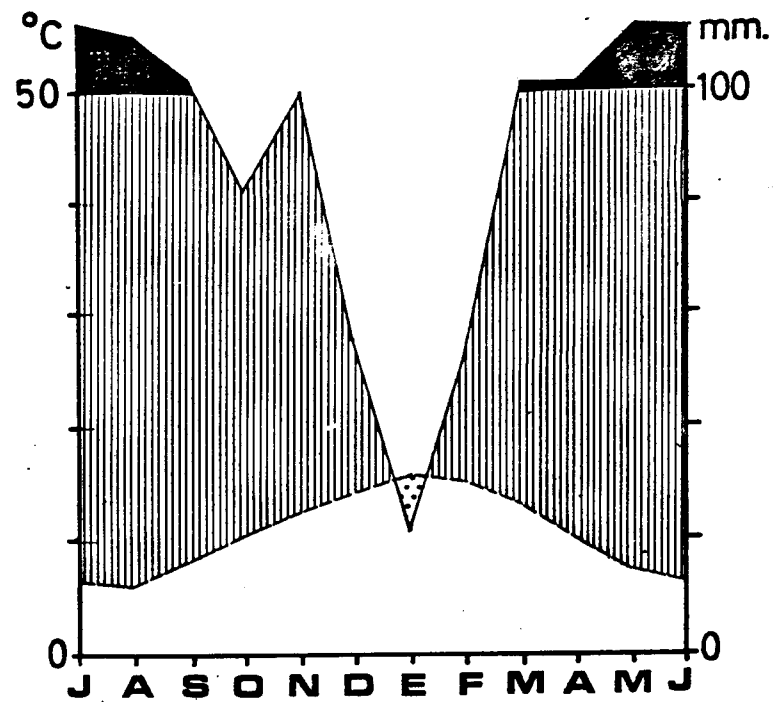
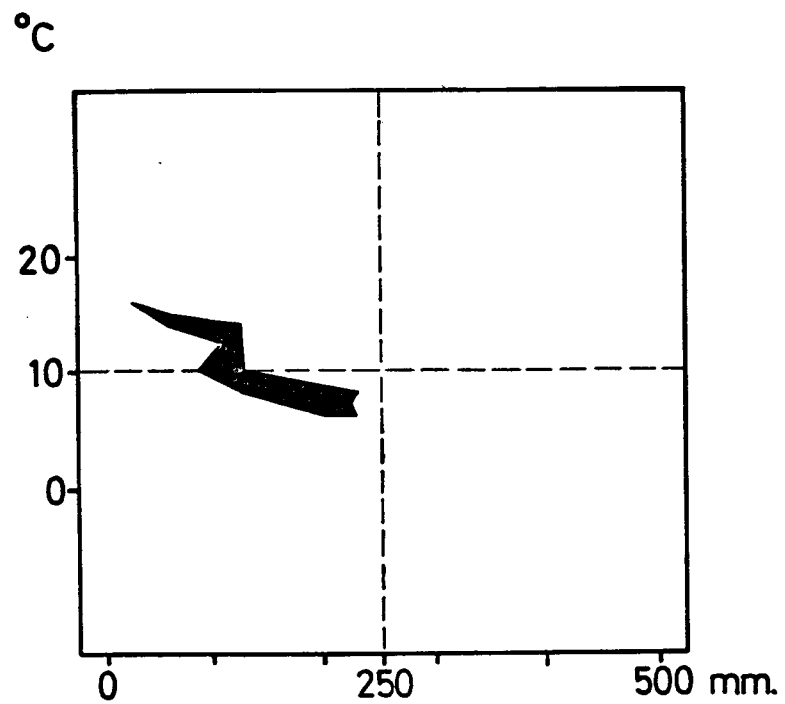
71 .

LATITUD 38 ° 22 ' S

LONGITUD 72 ° 15 ' W

ALTITUD 377 m

|                             | ENE       | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV   | DIC  | Año     | Años<br>observación |
|-----------------------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|---------|---------------------|
| Temperatura<br>máxima media | 24.8      | 24.4 | 20.4  | 16.6  | 12.6  | 9.9   | 10.2  | 10.7  | 12.9  | 16.6 | 19.0  | 22.2 | 16.7    | 5                   |
| Temperatura<br>media        | 16.2      | 15.3 | 13.6  | 10.3  | 7.8   | 6.7   | 6.4   | 6.1   | 8.0   | 10.4 | 12.5  | 14.3 | 10.6    | 5                   |
| Temperatura<br>mínima media | 9.4       | 8.2  | 7.6   | 4.6   | 2.8   | 3.0   | 2.8   | 2.3   | 3.9   | 5.5  | 7.2   | 8.4  | 5.5     | 5                   |
| Humedad relativa            | sin datos |      |       |       |       |       |       |       |       |      |       |      |         |                     |
| Precipitaciones             | 22.2      | 53.4 | 120.2 | 124.9 | 225.5 | 221.6 | 224.7 | 197.4 | 124.5 | 82.3 | 105.0 | 56.2 | 1.557.9 | 9                   |



L O N Q U I M A Y

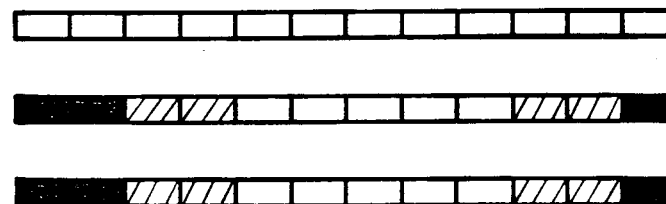
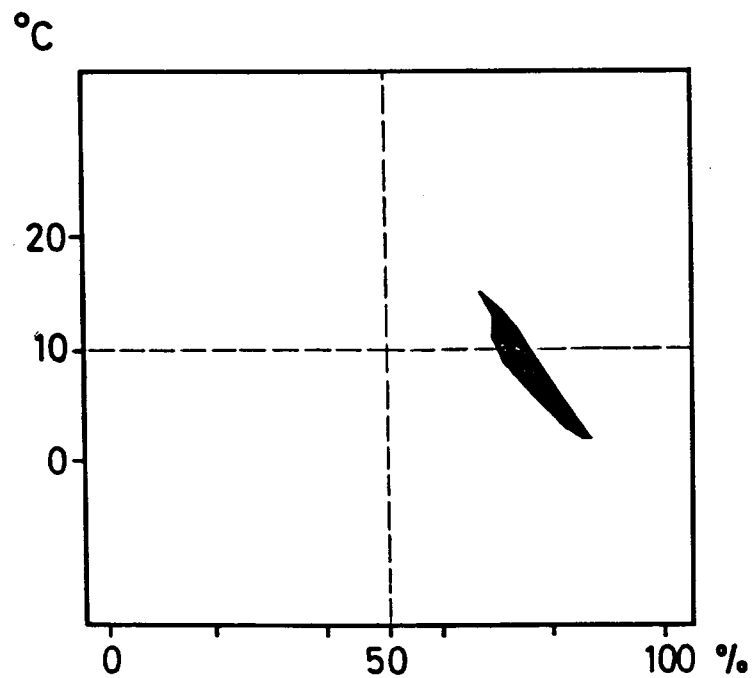
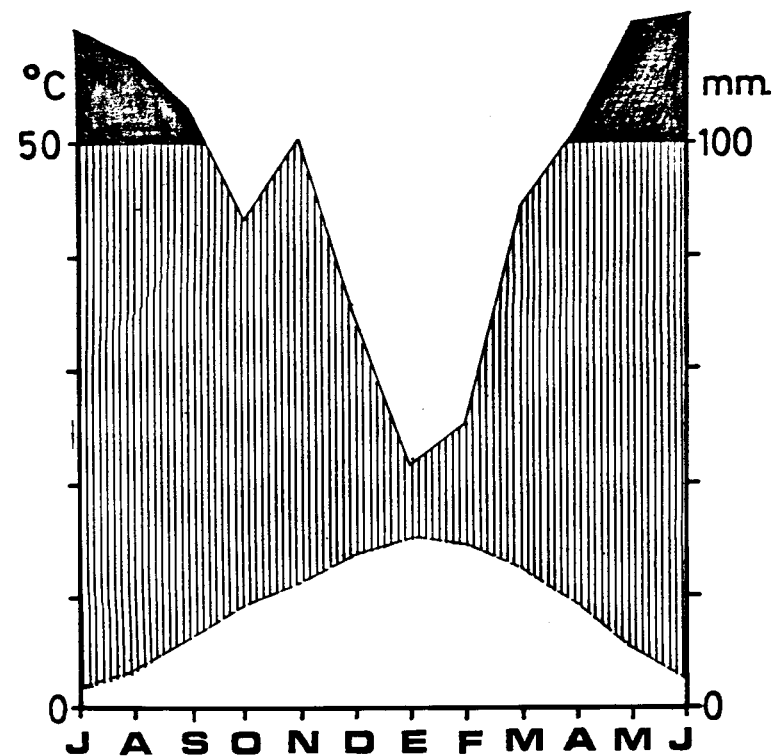
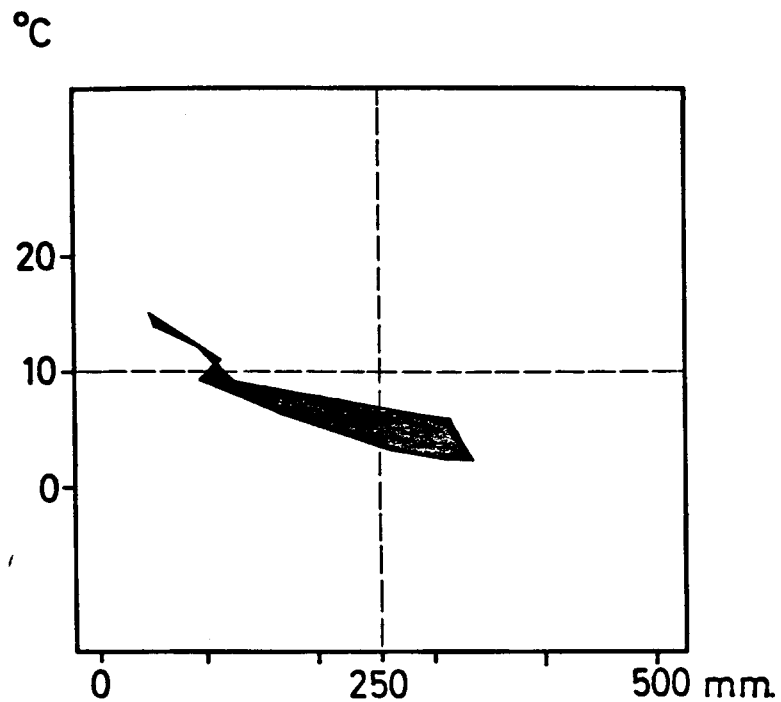
72 .

LATITUD 38 ° 26 ' S

LONGITUD 71 ° 15 ' W

ALTITUD 900 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV   | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|------|---------|---------------------|
| Temperatura<br>máxima media | 25.4 | 24.7 | 22.0 | 17.7  | 11.9  | 6.7   | 6.7   | 9.0   | 13.3  | 17.4 | 19.7  | 22.4 | 16.4    | 35                  |
| Temperatura<br>media        | 15.1 | 14.3 | 12.1 | 8.8   | 5.5   | 2.4   | 1.9   | 3.2   | 6.0   | 8.9  | 11.1  | 13.4 | 8.6     | 35                  |
| Temperatura<br>mínima media | 4.6  | 3.9  | 2.5  | 0.5   | -0.7  | -1.9  | -2.6  | -2.1  | -0.7  | 0.8  | 2.4   | 3.9  | 0.9     | 35                  |
| Humedad relativa            | 67   | 69   | 73   | 77    | 81    | 86    | 85    | 82    | 76    | 71   | 69    | 69   | 75      | 31                  |
| Precipitaciones             | 43.0 | 49.9 | 88.2 | 120.8 | 314.0 | 332.6 | 307.1 | 259.9 | 165.3 | 86.7 | 105.7 | 71.4 | 1.944.6 | 43                  |



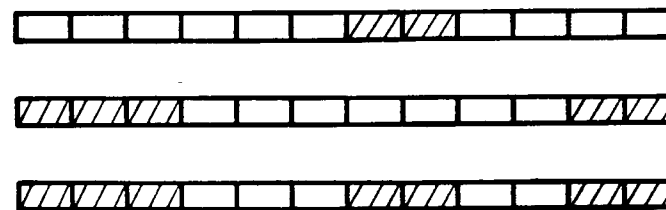
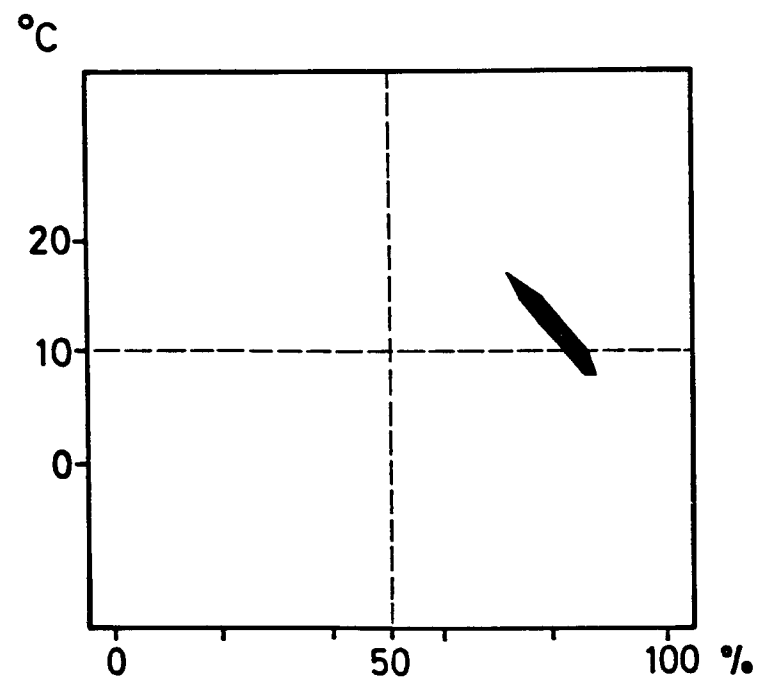
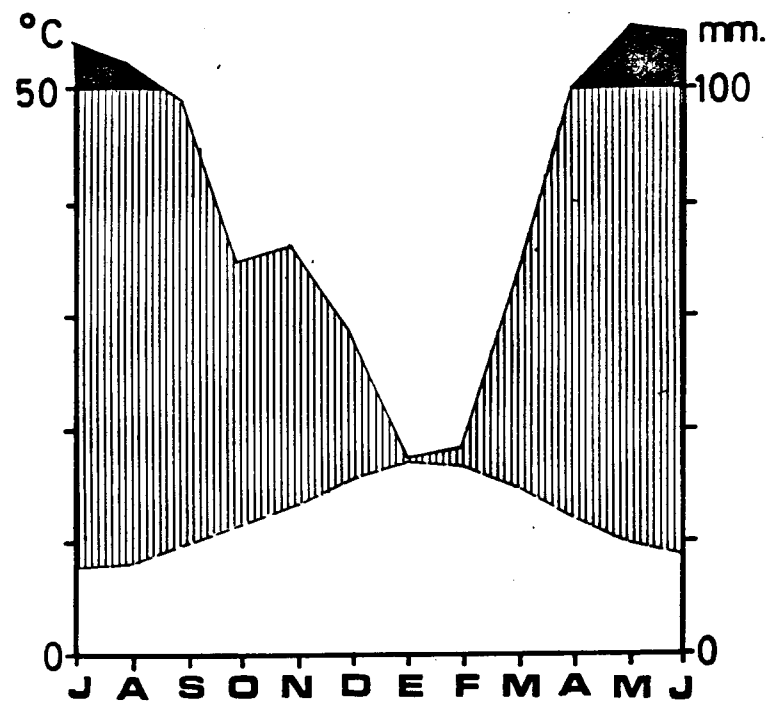
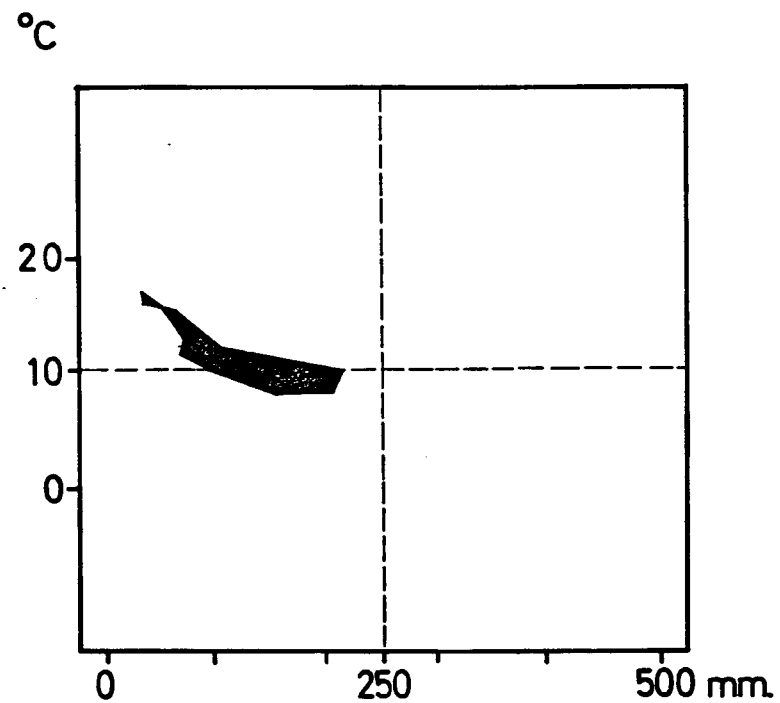
Lonquimay 72

T E M U C O

73 .

LATITUD 38 ° 45 ' S  
LONGITUD 72 ° 35 ' W  
ALTITUD 114 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 25.3 | 25.3 | 22.7 | 18.7  | 14.5  | 12.1  | 12.1  | 13.1  | 15.5 | 18.1 | 20.4 | 22.8 | 18.4    | 33                  |
| Temperatura<br>media        | 16.9 | 16.6 | 14.8 | 12.0  | 9.9   | 7.9   | 7.7   | 8.1   | 9.7  | 11.5 | 13.3 | 15.4 | 12.0    | 33                  |
| Temperatura<br>mínima media | 10.4 | 10.1 | 8.8  | 6.8   | 5.6   | 4.6   | 4.2   | 4.1   | 5.1  | 6.5  | 7.9  | 9.4  | 7.0     | 33                  |
| Humedad relativa            | 71   | 74   | 77   | 82    | 86    | 87    | 87    | 85    | 82   | 79   | 76   | 73   | 80      | 30                  |
| Precipitaciones             | 34.9 | 36.9 | 66.6 | 109.6 | 217.4 | 206.7 | 193.6 | 158.1 | 98.4 | 69.4 | 72.5 | 57.7 | 1.324.8 | 44                  |



Temuco 73

P U E R T O   D O M I N G U E Z

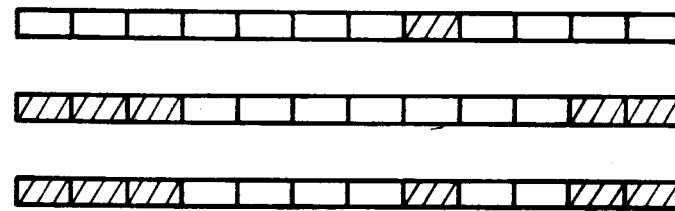
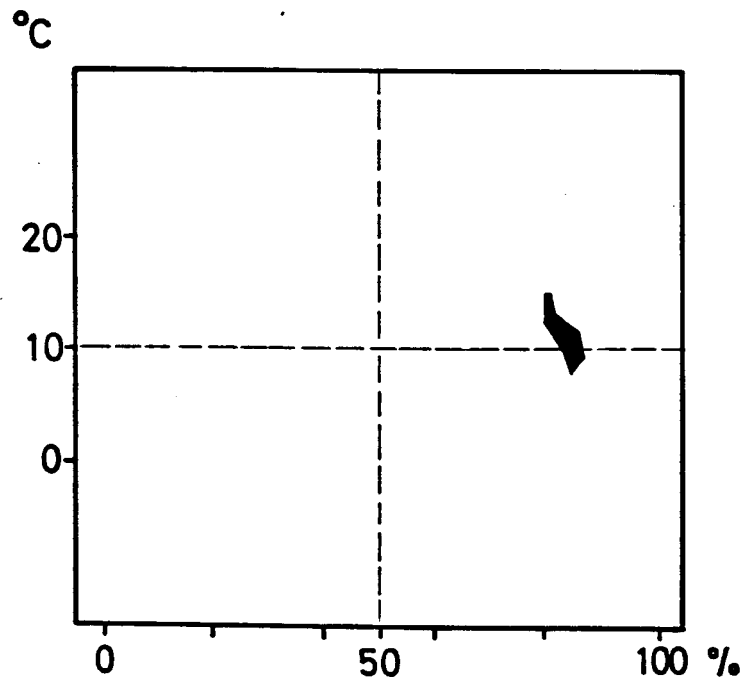
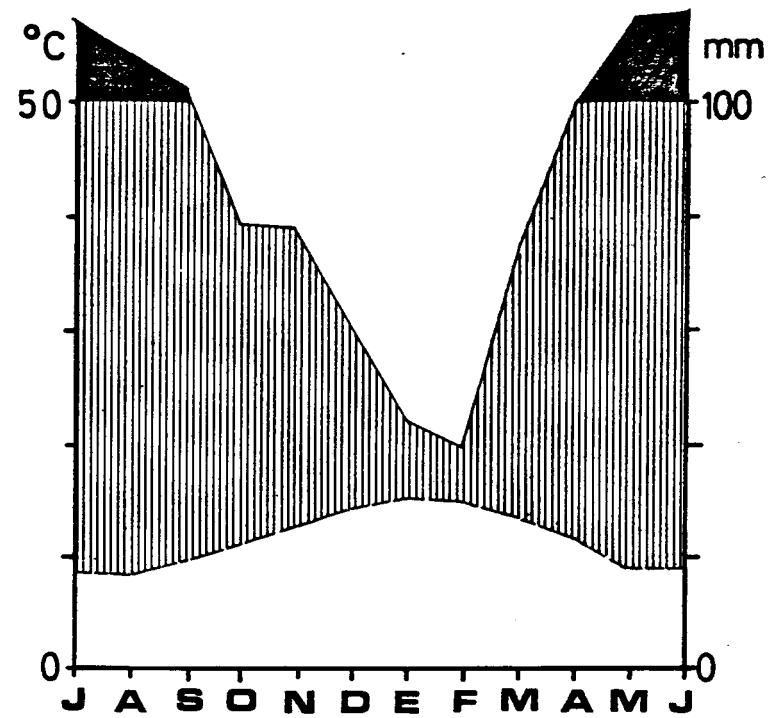
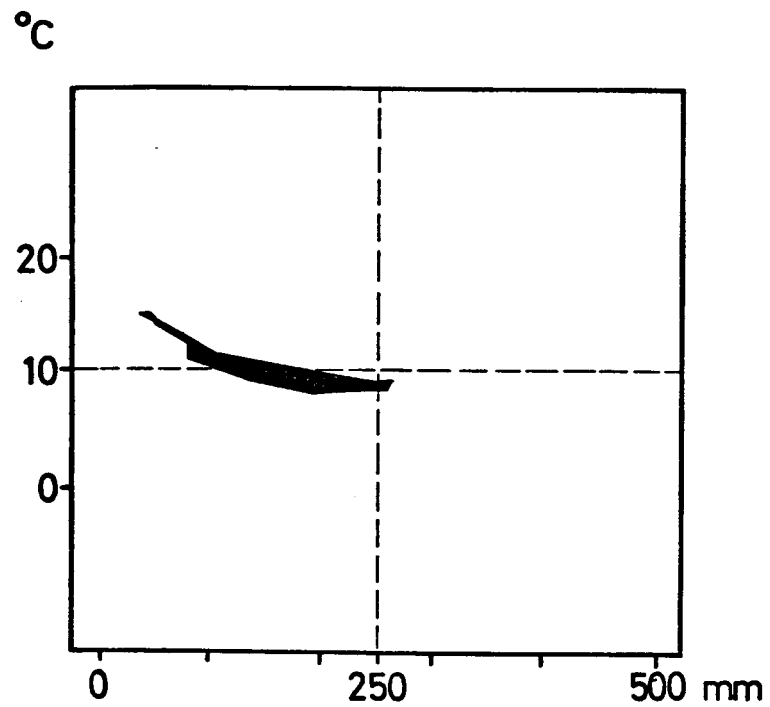
74 .

LATITUD 38 ° 54 ' S

LONGITUD 73 ° 14 ' W

ALTITUD 5 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 20.2 | 20.4 | 19.0 | 17.1  | 14.6  | 13.1  | 12.6  | 13.0  | 14.2  | 15.6 | 16.9 | 18.7 | 16.3    | 33                  |
| Temperatura<br>media        | 15.0 | 14.8 | 13.4 | 11.5  | 8.8   | 8.8   | 8.5   | 8.4   | 9.5   | 11.0 | 12.5 | 14.0 | 11.5    | 33                  |
| Temperatura<br>mínima media | 9.2  | 9.3  | 8.5  | 6.9   | 5.8   | 5.5   | 5.1   | 4.5   | 5.5   | 6.4  | 7.7  | 8.8  | 6.9     | 33                  |
| Humedad relativa            | 80   | 81   | 82   | 86    | 87    | 87    | 86    | 85    | 84    | 82   | 80   | 80   | 83      | 17                  |
| Precipitaciones             | 43.9 | 39.2 | 75.6 | 104.7 | 255.0 | 263.5 | 257.9 | 193.6 | 135.4 | 79.7 | 78.5 | 53.7 | 1.580.7 | 17                  |



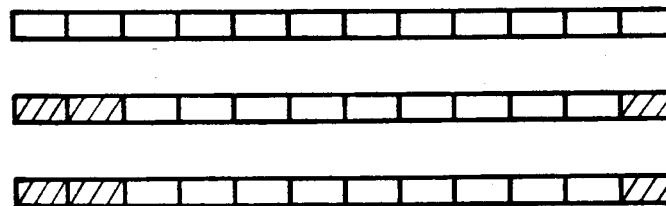
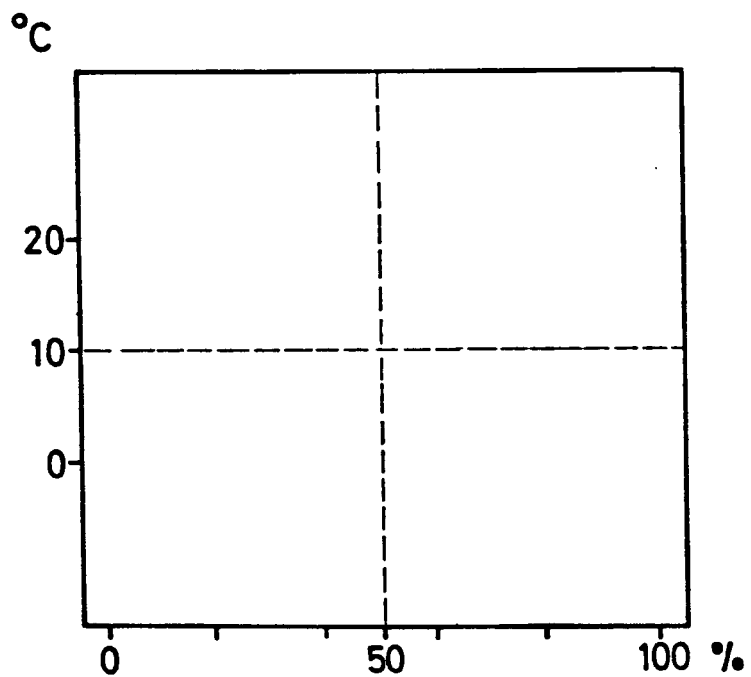
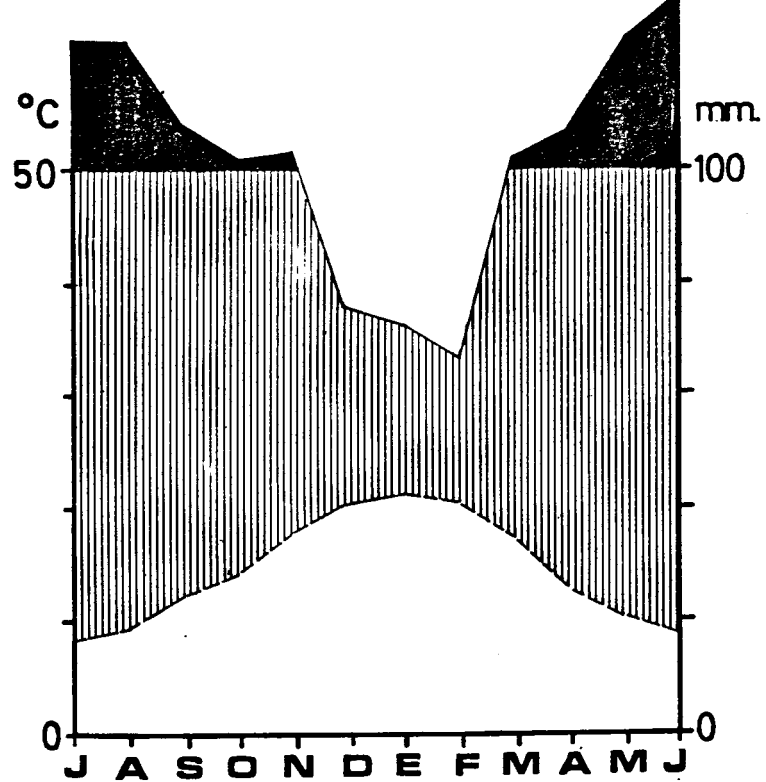
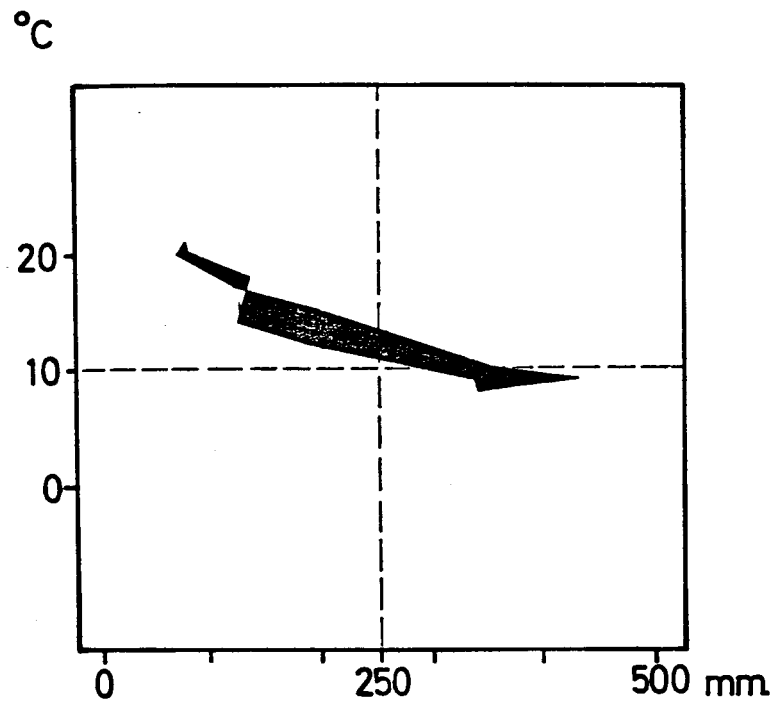
Puerto Domínguez 74

L O N C O C H E

75 .

LATITUD 39 ° 23 ' S  
LONGITUD 72 ° 38 ' W  
ALTITUD 112 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------|---------------------|
| Temperatura<br>máxima media |      |      |       |       |       |       |       |       |       |       |       |      |         |                     |
|                             |      |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Temperatura<br>media        | 21.0 | 20.3 | 17.3  | 12.8  | 10.3  | 8.6   | 8.1   | 8.9   | 11.8  | 13.9  | 17.6  | 20.2 | 14.2    | 7                   |
| Temperatura<br>mínima media |      |      |       |       |       |       |       |       |       |       |       |      |         |                     |
|                             |      |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Humedad relativa            |      |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Precipitaciones             | 72.4 | 66.3 | 124.6 | 178.2 | 347.5 | 429.3 | 336.9 | 332.2 | 185.5 | 121.4 | 132.7 | 75.5 | 2.402.0 | 30                  |



Loncoche 75

V A L D I V I A

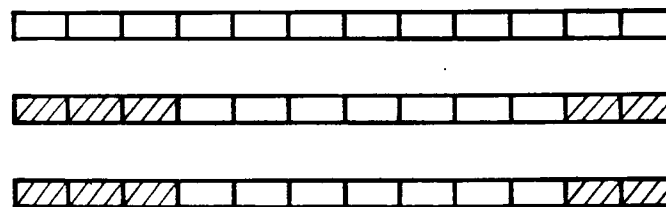
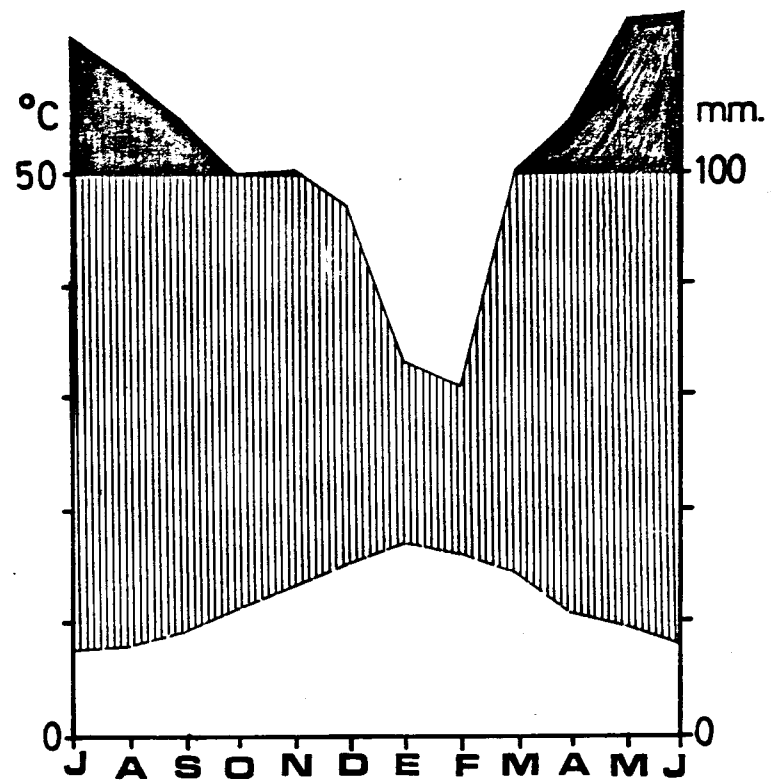
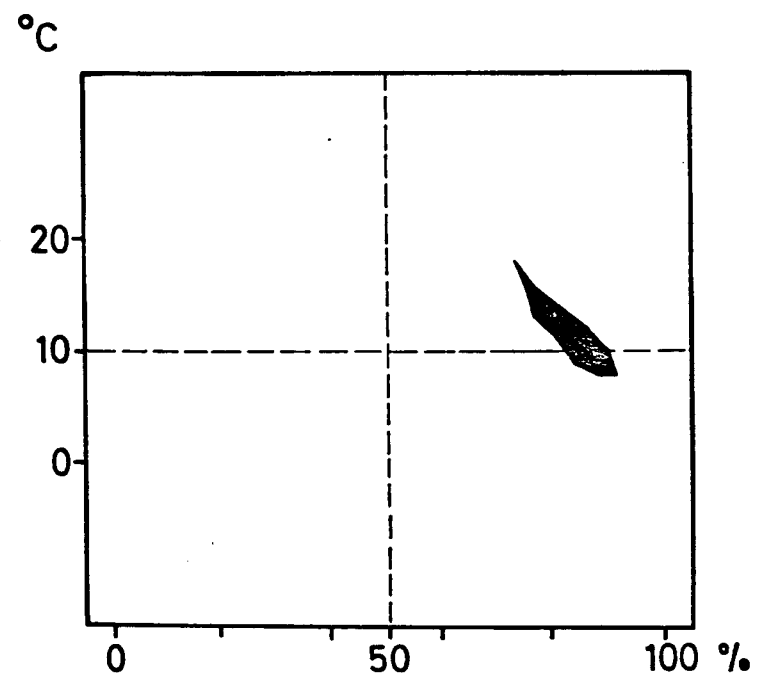
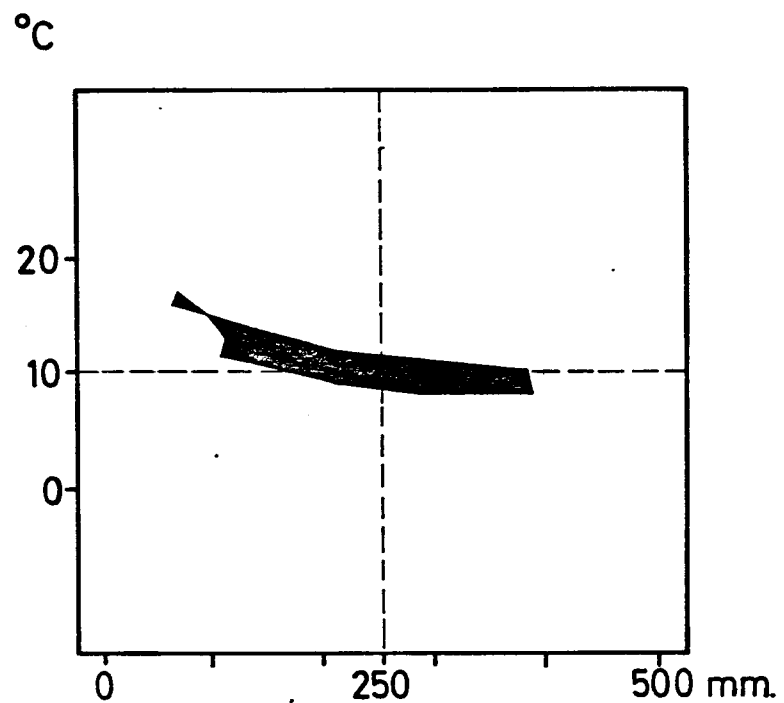
76 .

LATITUD 39 ° 48 ' S

LONGITUD 73 ° 14 ' W

ALTITUD 9 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------|---------------------|
| Temperatura<br>máxima media | 23.3 | 22.8 | 20.6  | 16.8  | 13.4  | 11.2  | 11.1  | 12.3  | 14.4  | 17.1  | 18.9  | 21.0 | 16.9    | 39                  |
| Temperatura<br>media        | 17.0 | 16.4 | 14.5  | 11.8  | 9.7   | 8.2   | 7.7   | 8.0   | 9.3   | 11.5  | 13.3  | 15.3 | 11.9    | 39                  |
| Temperatura<br>mínima media | 10.9 | 10.6 | 9.3   | 7.7   | 6.5   | 5.5   | 4.8   | 4.5   | 5.2   | 6.6   | 8.1   | 9.7  | 7.5     | 39                  |
| Humedad relativa            | 73   | 76   | 80    | 86    | 90    | 91    | 91    | 88    | 84    | 80    | 77    | 76   | 83      | 35                  |
| Precipitaciones             | 66.1 | 62.3 | 105.3 | 198.5 | 376.1 | 384.1 | 352.7 | 287.1 | 204.1 | 107.5 | 110.2 | 94.7 | 2.348.7 | 48                  |



Valdivia 76

P U N T A      G A L E R A

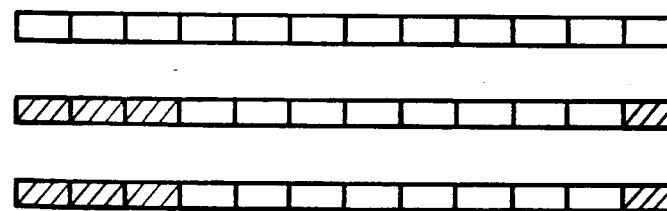
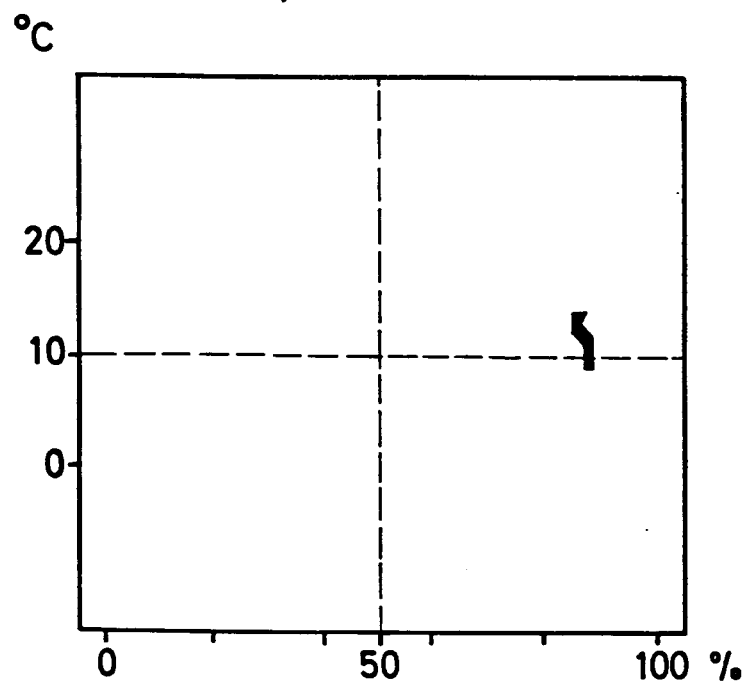
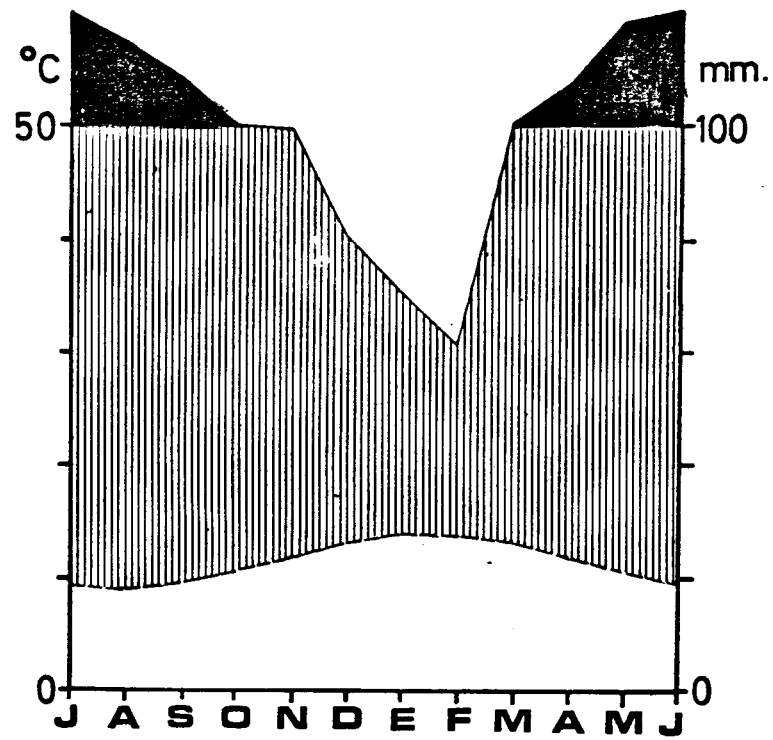
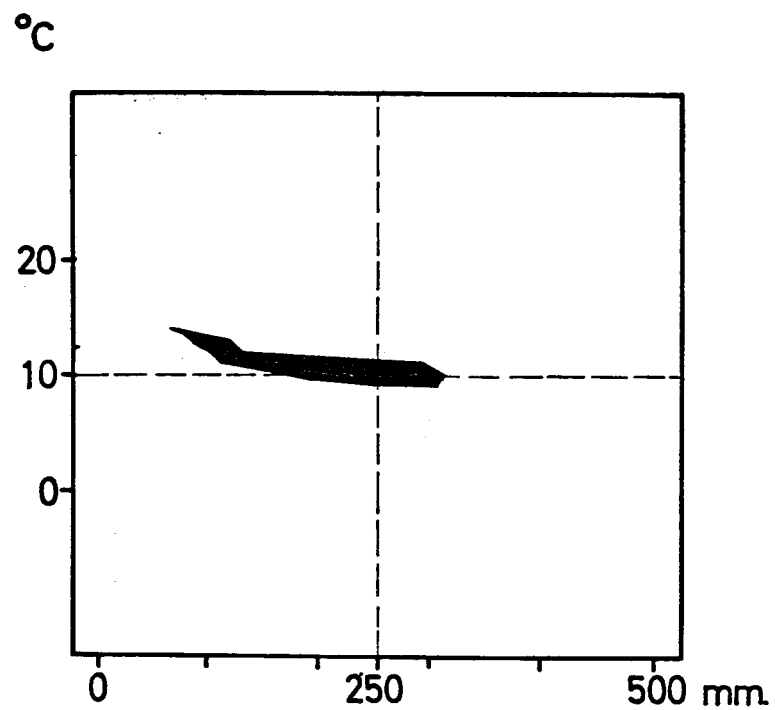
77 .

LATITUD 40 ° 01 ' S

LONGITUD 73 ° 44 ' W

ALTITUD 40 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 16.5 | 16.3 | 15.8  | 14.2  | 12.9  | 11.4  | 11.3  | 11.3  | 11.9  | 13.1  | 14.2 | 15.7 | 13.8    | 29                  |
| Temperatura<br>media        | 13.8 | 13.7 | 13.3  | 11.9  | 10.7  | 9.6   | 9.2   | 9.0   | 9.5   | 10.7  | 11.6 | 13.0 | 11.3    | 29                  |
| Temperatura<br>mínima media | 10.7 | 10.5 | 10.0  | 8.9   | 8.0   | 7.2   | 6.7   | 6.4   | 6.8   | 7.8   | 8.8  | 10.0 | 8.5     | 29                  |
| Humedad relativa            | 85   | 87   | 86    | 88    | 88    | 88    | 88    | 87    | 87    | 87    | 85   | 85   | 87      | 15                  |
| Precipitaciones             | 70.7 | 61.8 | 117.4 | 180.5 | 291.7 | 312.6 | 303.9 | 257.6 | 191.5 | 109.0 | 99.4 | 81.7 | 2.077.2 | 48                  |



R I O      B U E N O

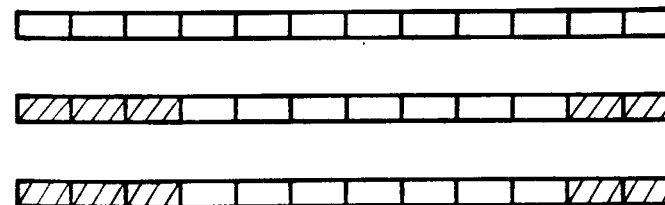
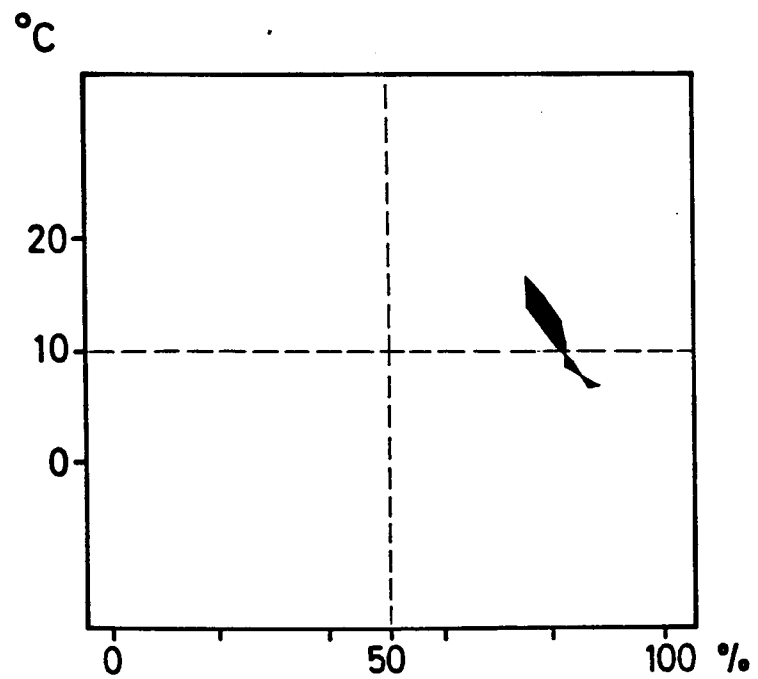
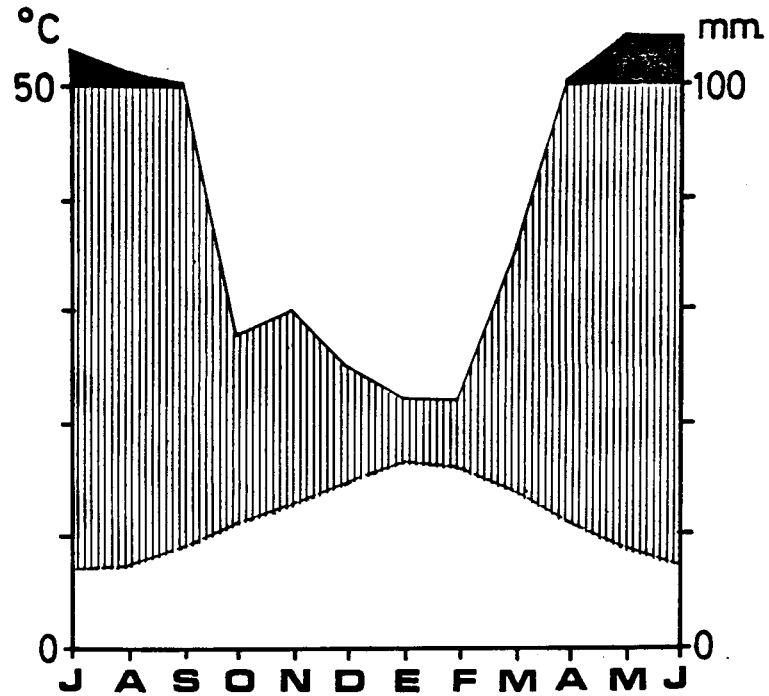
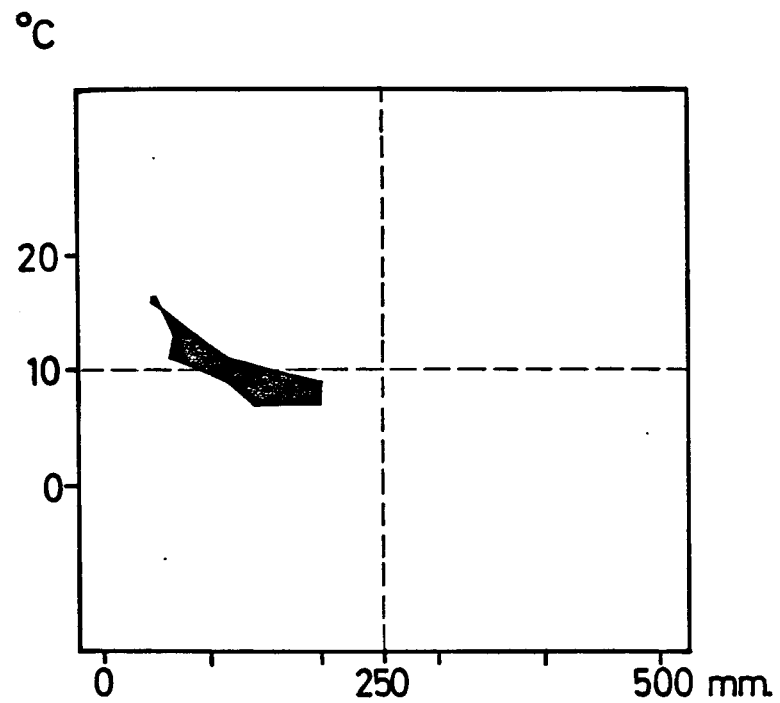
78 .

LATITUD 40 ° 19 ' S

LONGITUD 72 ° 55 ' W

ALTITUD 58 m

|                             | ENE  | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 23.7 | 23.6 | 20.9 | 17.0  | 13.5  | 11.0  | 10.8  | 12.1  | 14.2  | 17.7 | 19.4 | 21.2 | 17.1    | 19                  |
| Temperatura<br>media        | 16.5 | 16.0 | 14.0 | 11.2  | 8.9   | 7.4   | 7.0   | 7.4   | 8.7   | 11.2 | 12.8 | 14.6 | 11.3    | 19                  |
| Temperatura<br>mínima media | 9.2  | 8.6  | 7.8  | 6.2   | 4.9   | 4.3   | 3.6   | 3.4   | 3.8   | 5.4  | 6.7  | 8.3  | 6.0     | 19                  |
| Humedad relativa            | 75   | 75   | 75   | 79    | 83    | 86    | 88    | 87    | 82    | 82   | 81   | 78   | 81      | 3                   |
| Precipitaciones             | 44.4 | 44.3 | 69.9 | 109.1 | 193.0 | 192.3 | 172.3 | 132.7 | 110.4 | 56.4 | 60.0 | 50.5 | 1.235.3 | 44                  |



Río Bueno 78

O S O R N O

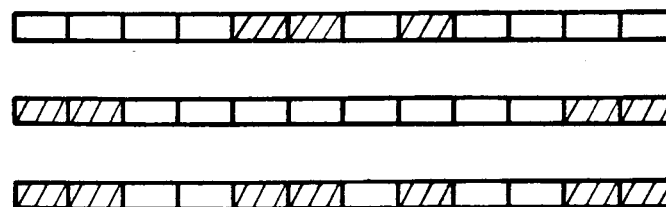
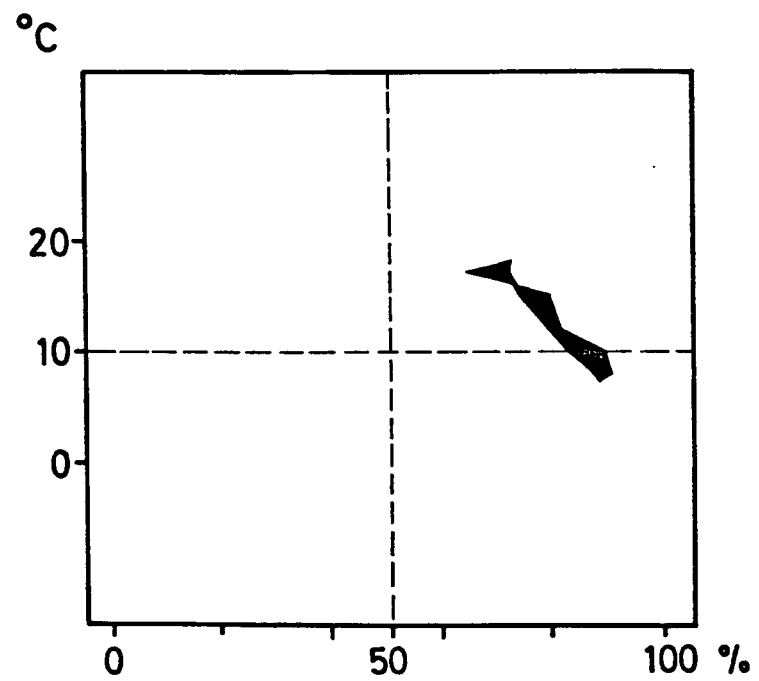
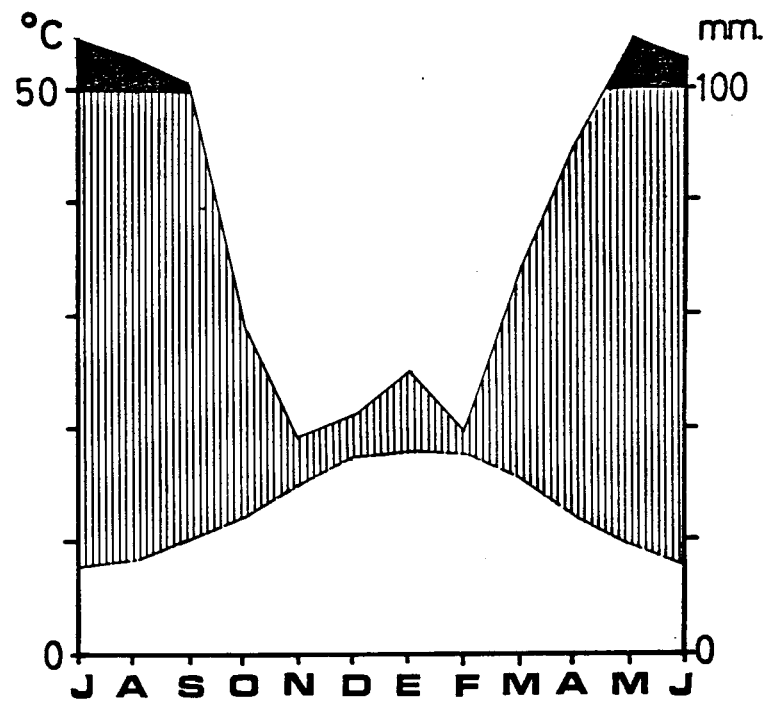
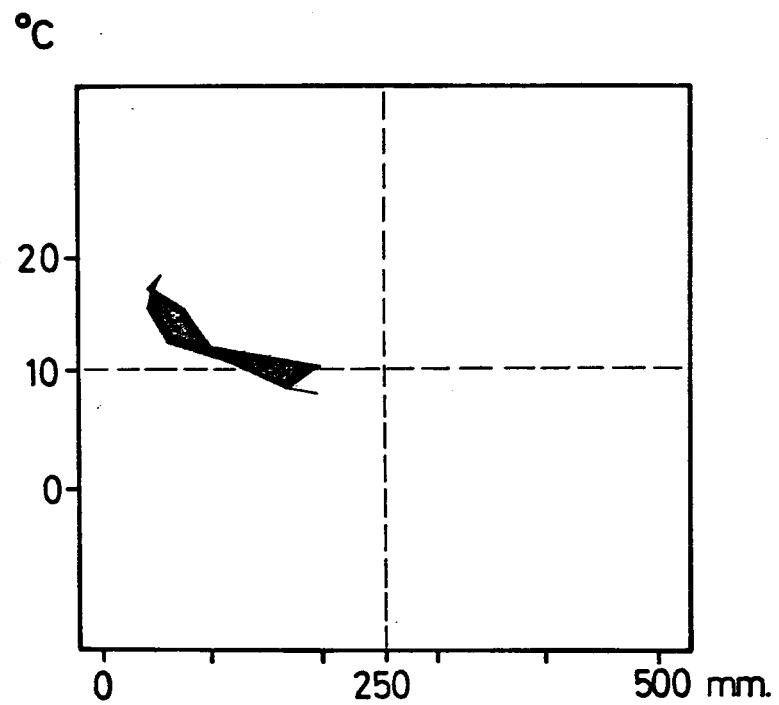
79 .

LATITUD 40 ° 35 ' S

LONGITUD 73 ° 09 ' W

ALTITUD 24 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 22.4 | 22.0 | 20.8 | 16.4 | 13.3  | 11.3  | 11.4  | 11.8  | 13.9  | 16.6 | 19.3 | 21.8 | 16.8    | 7                   |
| Temperatura<br>media        | 17.8 | 16.6 | 15.3 | 12.1 | 9.8   | 7.9   | 7.5   | 8.2   | 10.0  | 12.2 | 14.8 | 17.2 | 12.5    | 7                   |
| Temperatura<br>mínima media | 7.0  | 6.1  | 5.9  | 4.2  | 3.7   | 3.2   | 2.8   | 2.5   | 2.8   | 3.4  | 5.6  | 6.5  | 4.5     | 7                   |
| Humedad relativa            | 72   | 64   | 79   | 81   | 89    | 90    | 88    | 87    | 82    | 79   | 74   | 72   | 80      | 7                   |
| Precipitaciones             | 49.6 | 39.6 | 68.7 | 90.5 | 196.1 | 162.5 | 191.8 | 162.4 | 117.8 | 56.9 | 38.6 | 42.4 | 1.216.9 | 7                   |

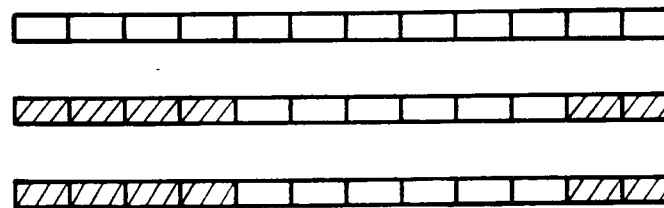
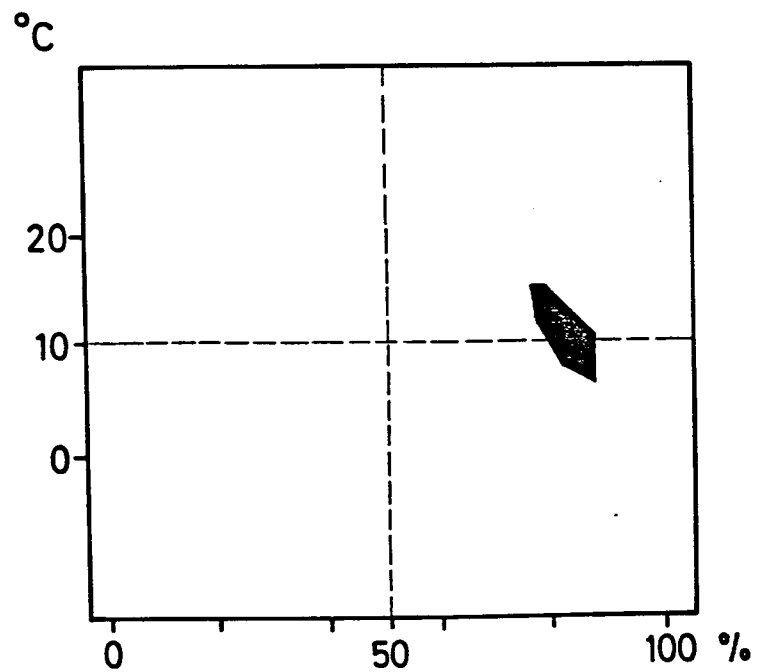
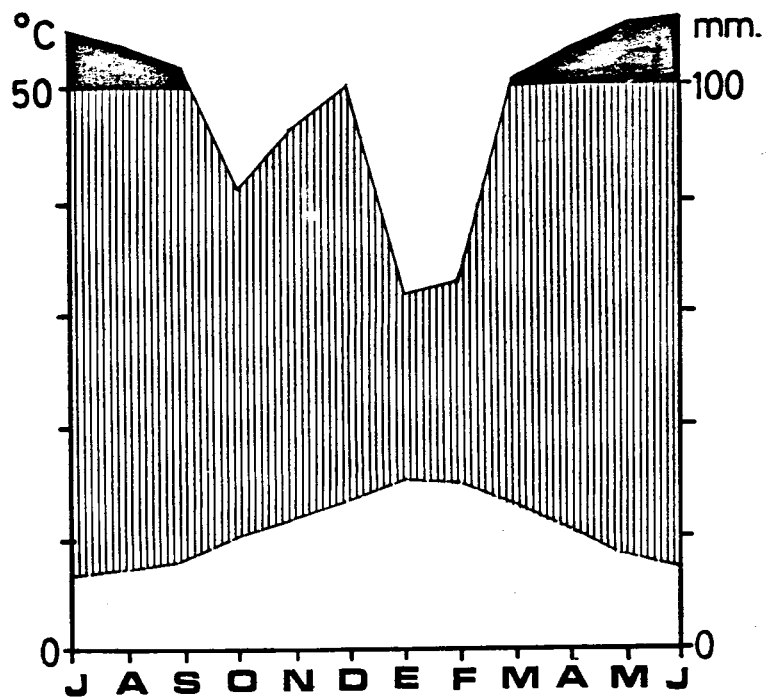
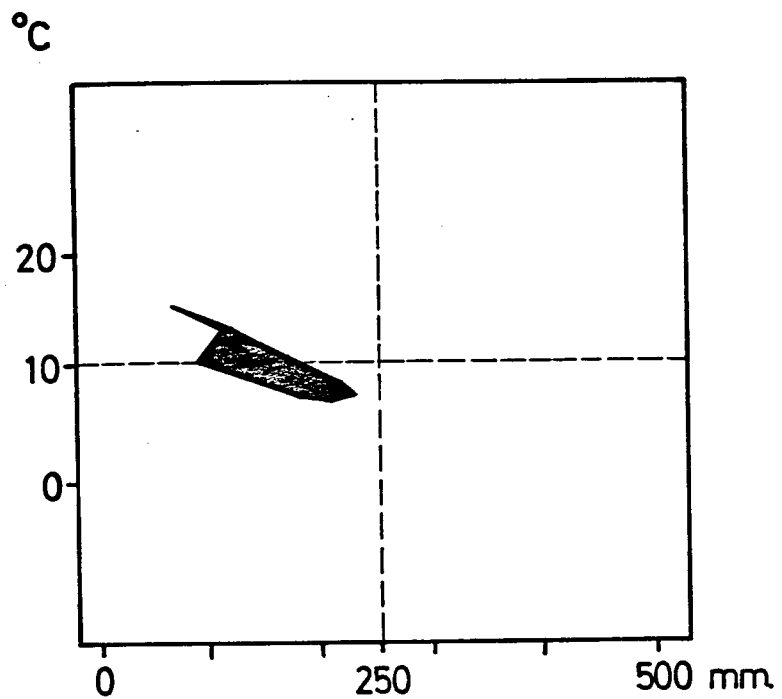


F R U T I L L A R

80 .

LATITUD 41 ° 07 ' S  
LONGITUD 72 ° 59 ' W  
ALTITUD 139 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC   | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|---------|---------------------|
| Temperatura<br>máxima media | 20.0 | 19.9 | 17.7  | 14.8  | 12.0  | 10.3  | 9.8   | 10.6  | 12.0  | 14.4 | 16.3 | 18.1  | 14.7    | 18                  |
| Temperatura<br>media        | 14.8 | 14.6 | 12.8  | 10.5  | 8.3   | 7.1   | 6.5   | 6.9   | 7.7   | 9.8  | 11.4 | 13.2  | 10.3    | 18                  |
| Temperatura<br>mínima media | 9.0  | 8.9  | 7.5   | 6.1   | 4.6   | 3.7   | 3.1   | 3.1   | 3.6   | 5.2  | 6.2  | 7.9   | 5.7     | 18                  |
| Humedad relativa            | 76   | 78   | 82    | 87    | 87    | 87    | 87    | 85    | 82    | 79   | 78   | 77    | 82      | 18                  |
| Precipitaciones             | 63.2 | 65.8 | 117.6 | 169.5 | 217.3 | 226.2 | 204.8 | 175.6 | 137.7 | 82.1 | 92.8 | 106.5 | 1.659.1 | 21                  |



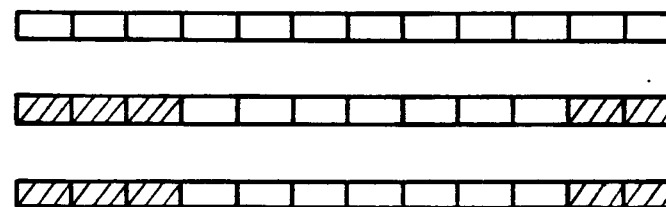
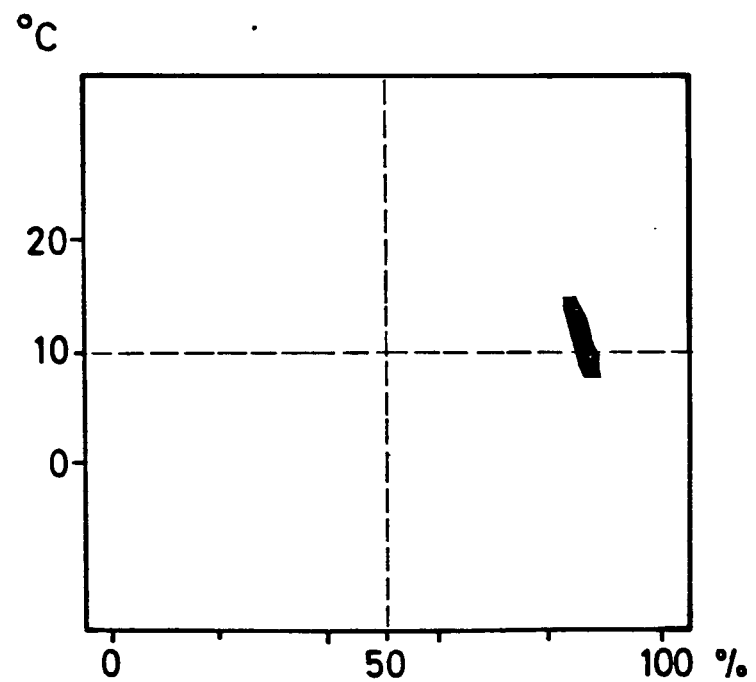
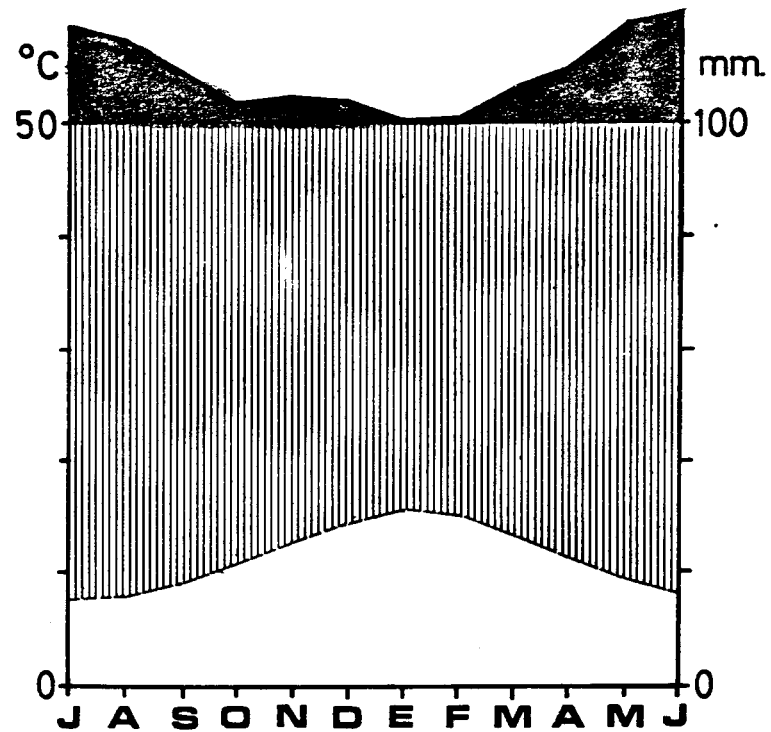
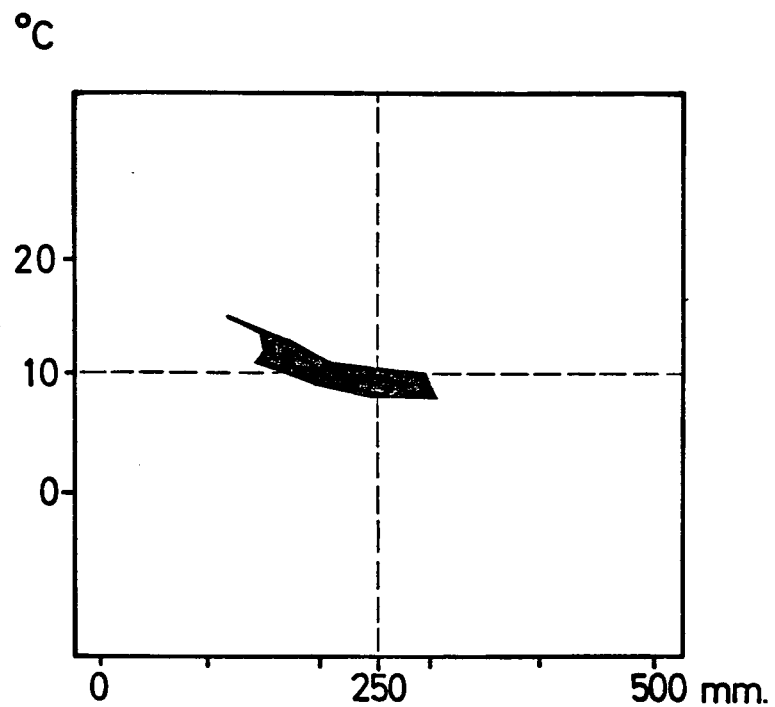
Frutillar 80

P U E R T O M O N T T

81 .

LATITUD 41 ° 28 ' S  
LONGITUD 72 ° 57 ' W  
ALTITUD 5 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año.    | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 19.8  | 19.5  | 17.5  | 15.3  | 12.9  | 11.3  | 10.8  | 11.4  | 12.9  | 14.9  | 16.6  | 18.5  | 15.1    | 44                  |
| Temperatura<br>media        | 15.4  | 15.0  | 13.3  | 11.4  | 9.6   | 8.1   | 7.6   | 7.8   | 8.9   | 10.7  | 12.5  | 14.2  | 11.2    | 44                  |
| Temperatura<br>mínima media | 11.4  | 11.0  | 9.5   | 8.1   | 6.7   | 5.4   | 4.6   | 4.6   | 5.6   | 6.9   | 8.4   | 10.0  | 7.7     | 44                  |
| Humedad relativa            | 82    | 84    | 86    | 87    | 88    | 88    | 88    | 86    | 85    | 84    | 83    | 82    | 85      | 29                  |
| Precipitaciones             | 112.1 | 116.1 | 168.0 | 207.5 | 286.3 | 301.8 | 274.2 | 249.5 | 195.3 | 139.1 | 149.8 | 142.1 | 2.341.8 | 48                  |



Pto. Montt 81

M A U L L I N

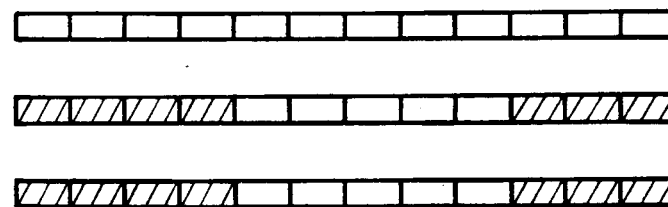
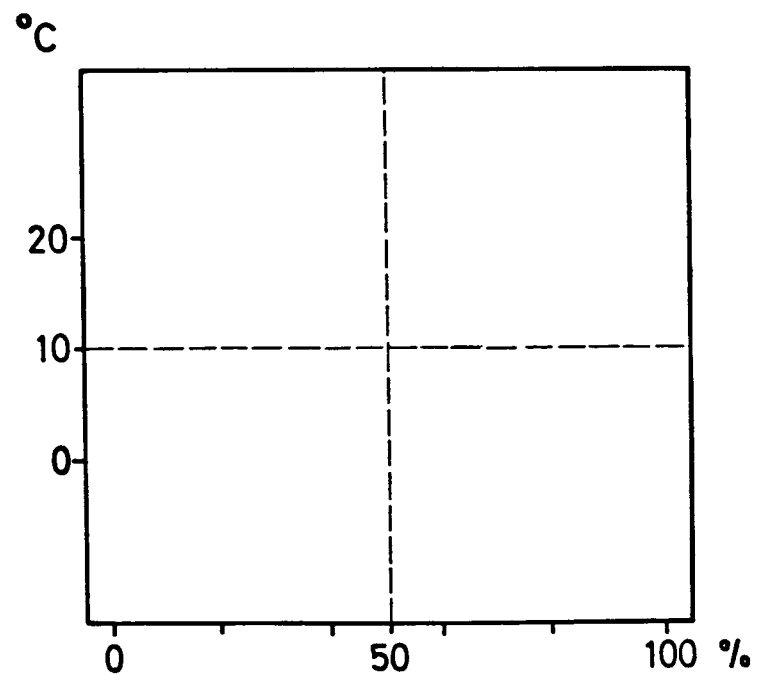
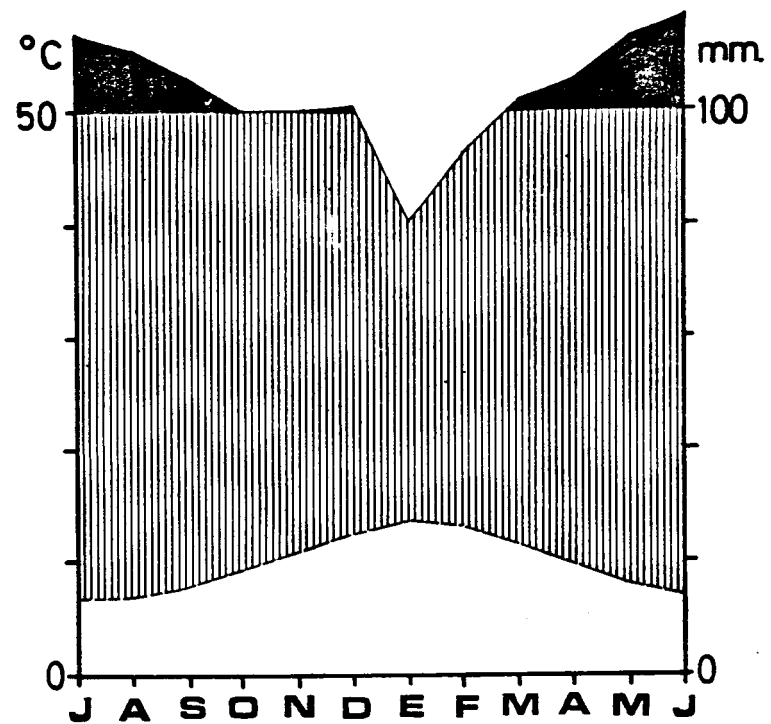
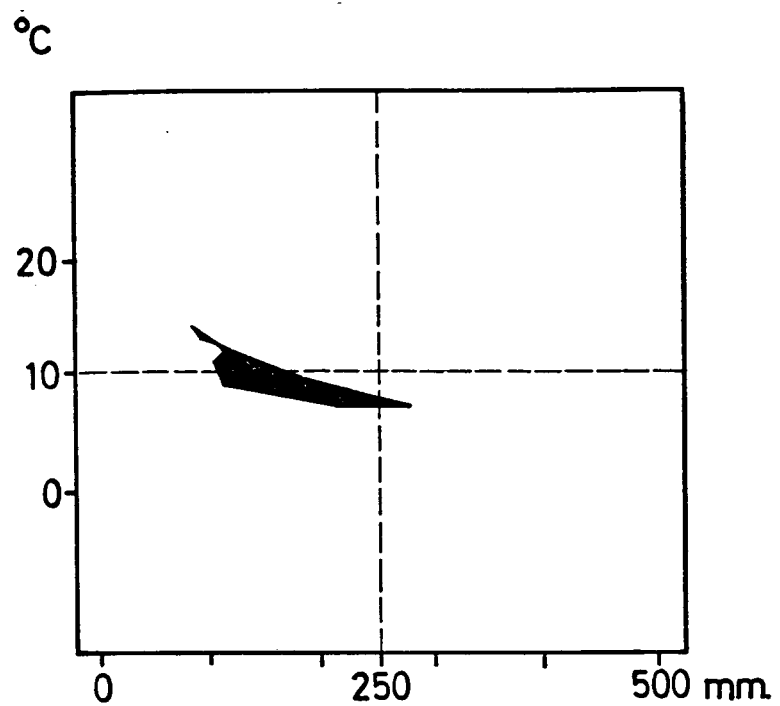
82 .

LATITUD 41 ° 37 ' S

LONGITUD 73 ° 35 ' W

ALTITUD 47 m

|                             | ENE       | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 19.9      | 19.8 | 18.3  | 15.6  | 13.2  | 11.3  | 10.9  | 11.4  | 13.0  | 14.8  | 16.2  | 17.9  | 15.2    | 29                  |
| Temperatura<br>media        | 13.6      | 13.1 | 11.5  | 9.8   | 8.1   | 7.1   | 6.6   | 6.8   | 7.6   | 9.2   | 10.8  | 12.4  | 9.7     | 23                  |
| Temperatura<br>mínima media | 9.3       | 8.7  | 7.2   | 5.9   | 4.8   | 4.0   | 3.4   | 3.4   | 4.1   | 5.5   | 6.9   | 8.3   | 6.0     | 29                  |
| Humedad relativa            | sin datos |      |       |       |       |       |       |       |       |       |       |       |         |                     |
| Precipitaciones             | 81.6      | 93.1 | 129.0 | 161.8 | 239.4 | 277.3 | 237.6 | 211.0 | 162.6 | 106.0 | 103.3 | 112.4 | 1.915.1 | 37                  |



P U N T A C O R O N A

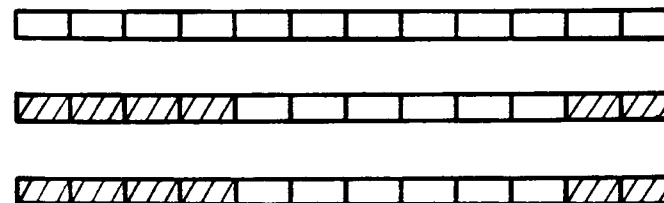
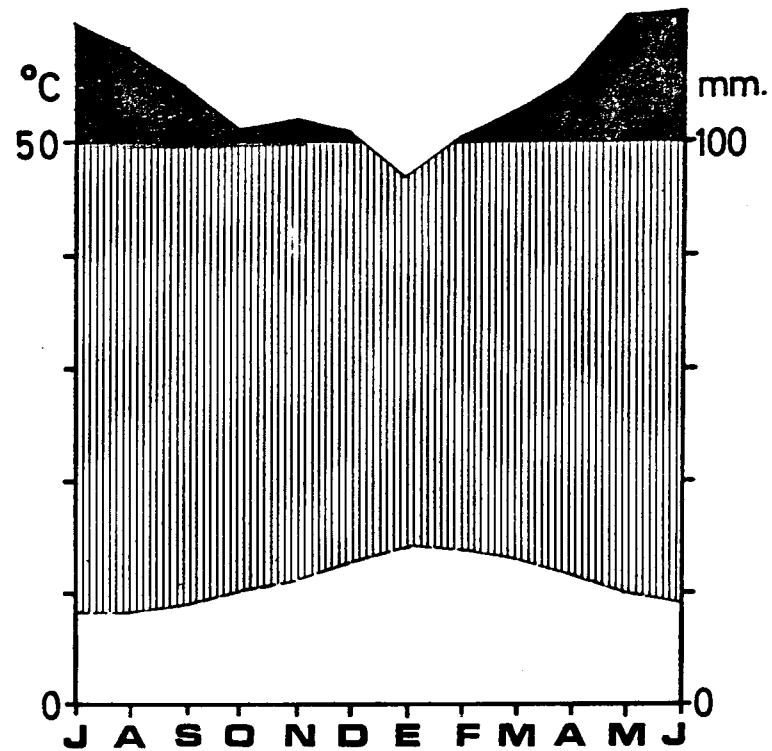
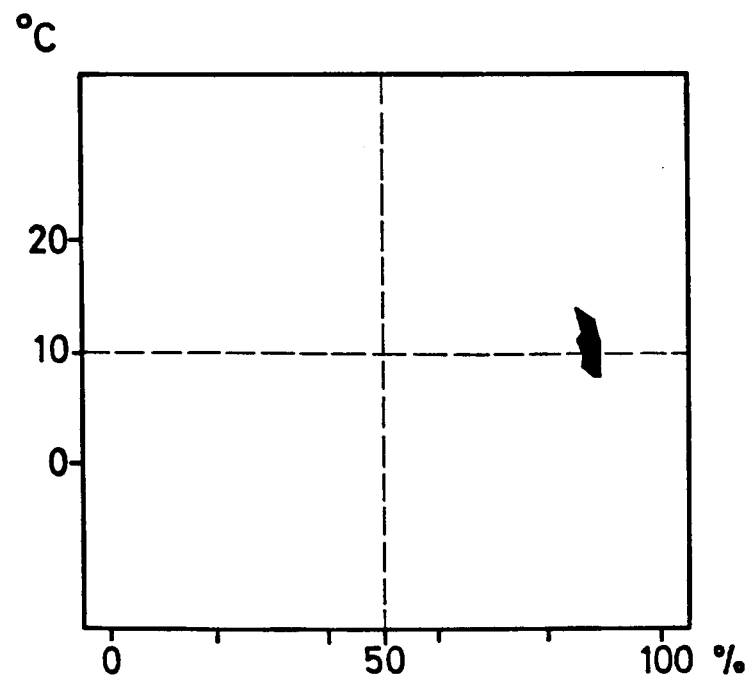
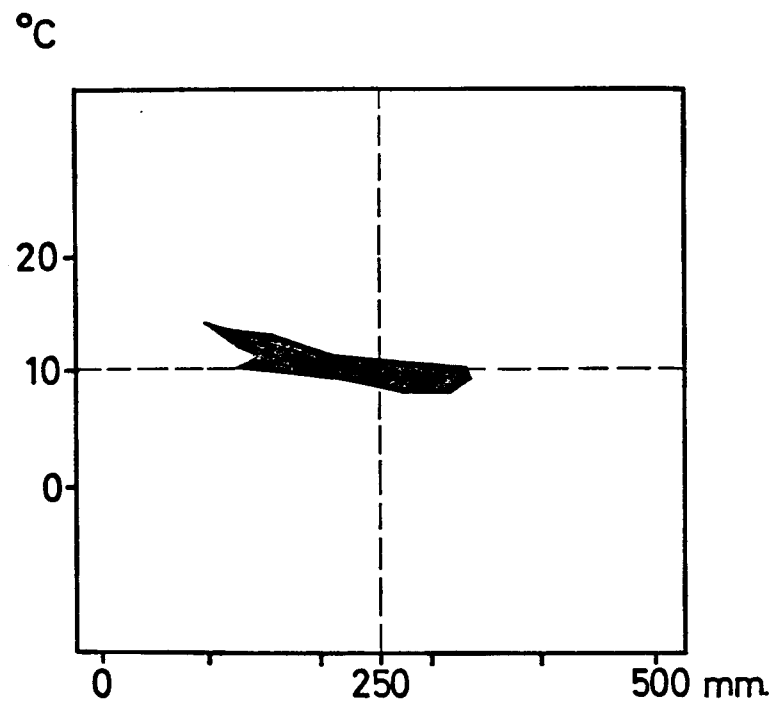
83 .

LATITUD 41 ° 47 ' S

LONGITUD 73 ° 52 ' W

ALTITUD 56 m

|                             | ENE  | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 16.7 | 16.7  | 15.1  | 13.7  | 11.9  | 10.7  | 10.2  | 10.3  | 11.0  | 12.5  | 13.5  | 15.1  | 13.1    | 29                  |
| Temperatura<br>media        | 13.7 | 13.5  | 12.7  | 11.2  | 9.6   | 8.7   | 8.3   | 8.2   | 8.7   | 9.9   | 10.9  | 12.4  | 10.7    | 29                  |
| Temperatura<br>mínima media | 10.5 | 10.3  | 9.6   | 8.2   | 7.0   | 6.1   | 5.7   | 5.5   | 5.9   | 7.1   | 8.1   | 9.5   | 7.8     | 29                  |
| Humedad relativa            | 85   | 86    | 88    | 89    | 89    | 89    | 89    | 88    | 86    | 86    | 85    | 86    | 87      | 35                  |
| Precipitaciones             | 93.5 | 109.8 | 153.9 | 213.3 | 328.0 | 332.8 | 315.0 | 273.7 | 205.2 | 124.5 | 141.1 | 119.7 | 2.410.5 | 49                  |



Punta Corona 83

P U D E T O

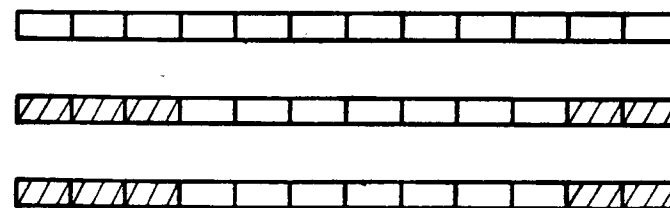
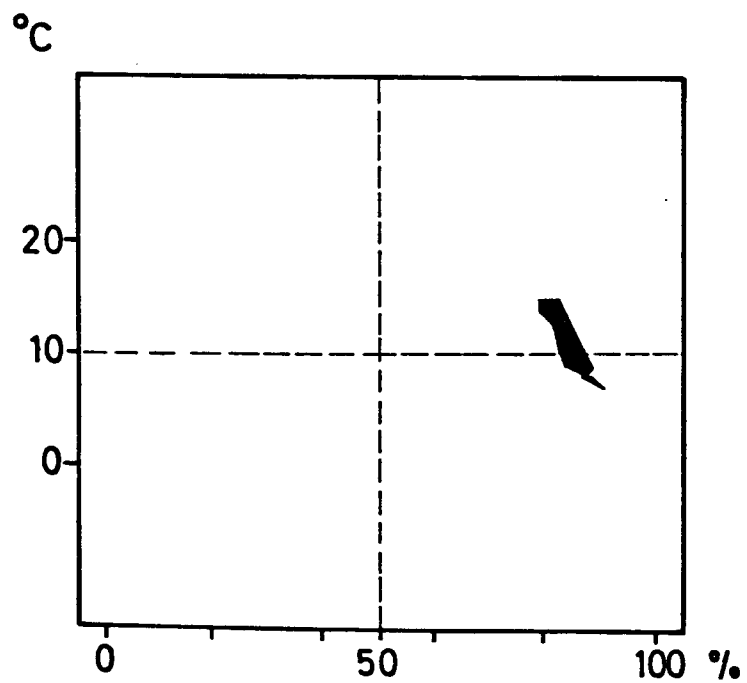
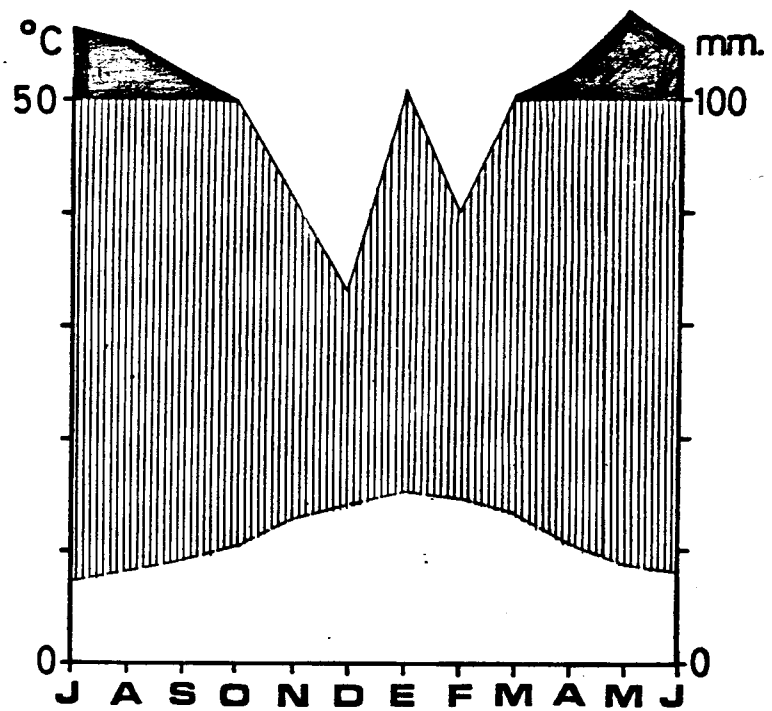
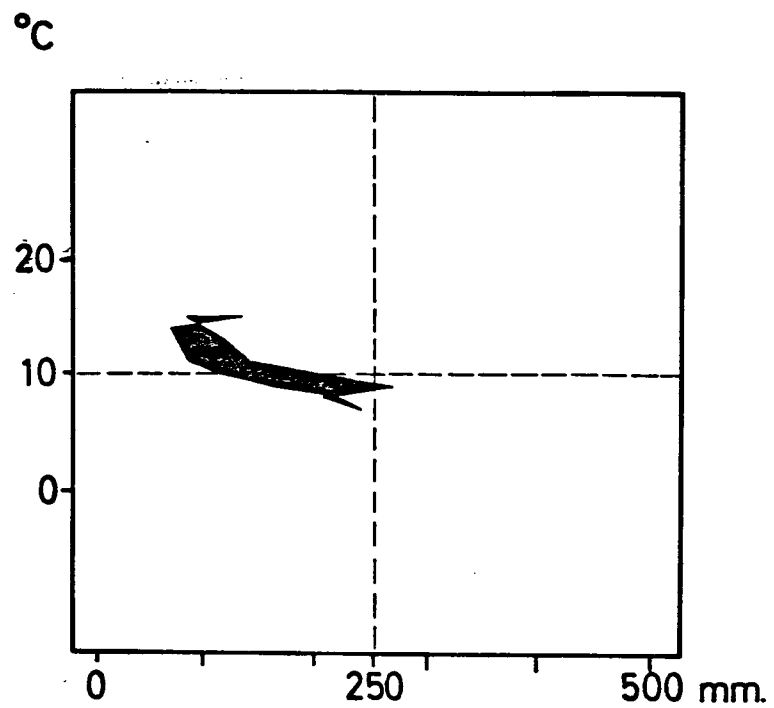
84 .

LATITUD 41 ° 54 ' S

LONGITUD 73 ° 48 ' W

ALTITUD 11 m

|                             | ENE   | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 18.8  | 18.6 | 17.4  | 14.6  | 12.5  | 11.1  | 10.3  | 10.9  | 12.4  | 13.1  | 16.0 | 18.1 | 14.5    | 7                   |
| Temperatura<br>media        | 15.2  | 14.6 | 13.3  | 10.6  | 9.2   | 8.1   | 7.4   | 7.9   | 8.9   | 10.3  | 12.6 | 14.0 | 11.0    | 7                   |
| Temperatura<br>mínima media | 8.8   | 8.5  | 7.4   | 5.7   | 4.6   | 4.3   | 3.5   | 3.8   | 4.3   | 5.1   | 7.1  | 8.0  | 5.9     | 7                   |
| Humedad relativa            | 79    | 82   | 84    | 86    | 88    | 87    | 90    | 88    | 84    | 83    | 81   | 79   | 84      | 7                   |
| Precipitaciones             | 123.1 | 80.4 | 113.6 | 163.2 | 267.9 | 202.2 | 234.8 | 213.1 | 154.3 | 105.2 | 84.6 | 66.3 | 1.808.7 | 7                   |



Pudeto 84

M O R R O      L O B O S

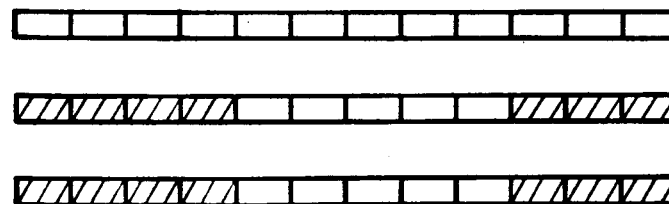
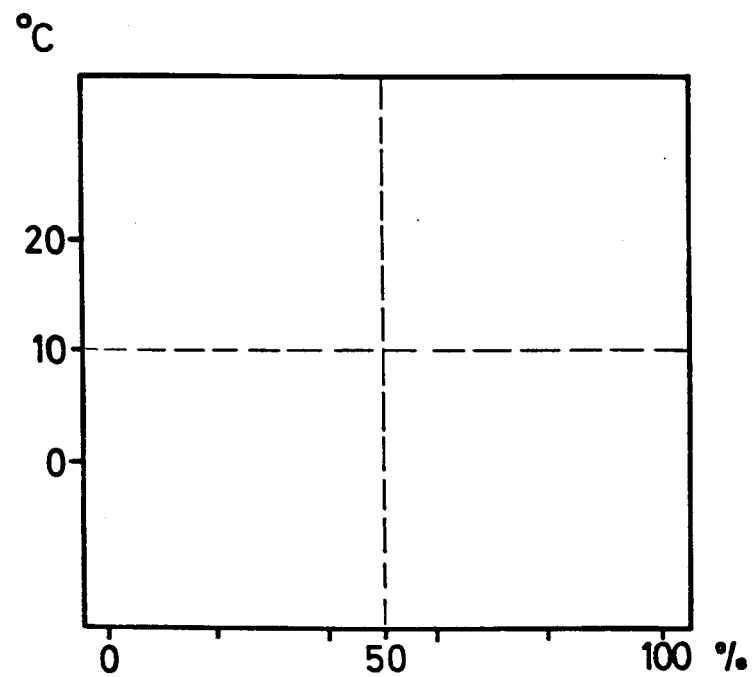
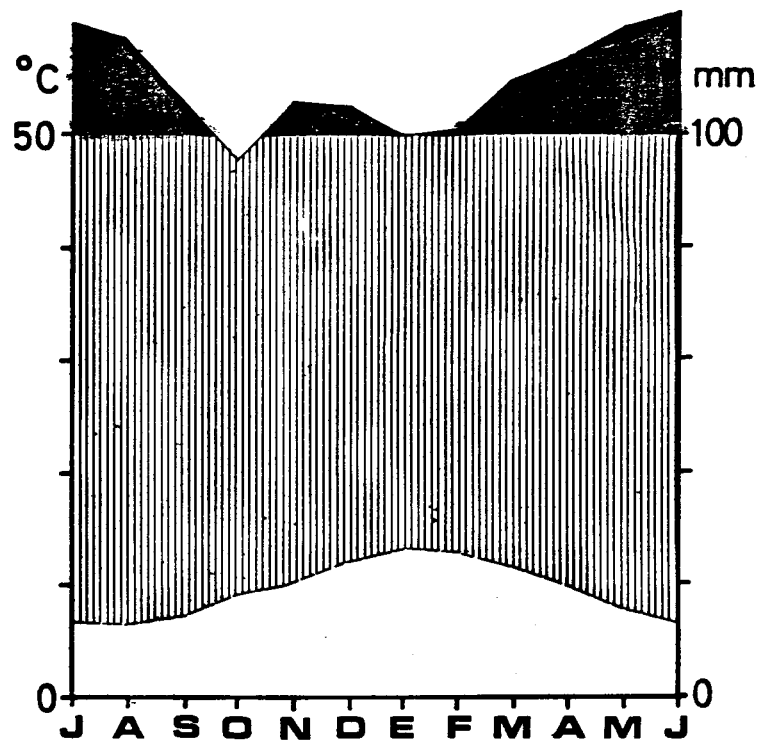
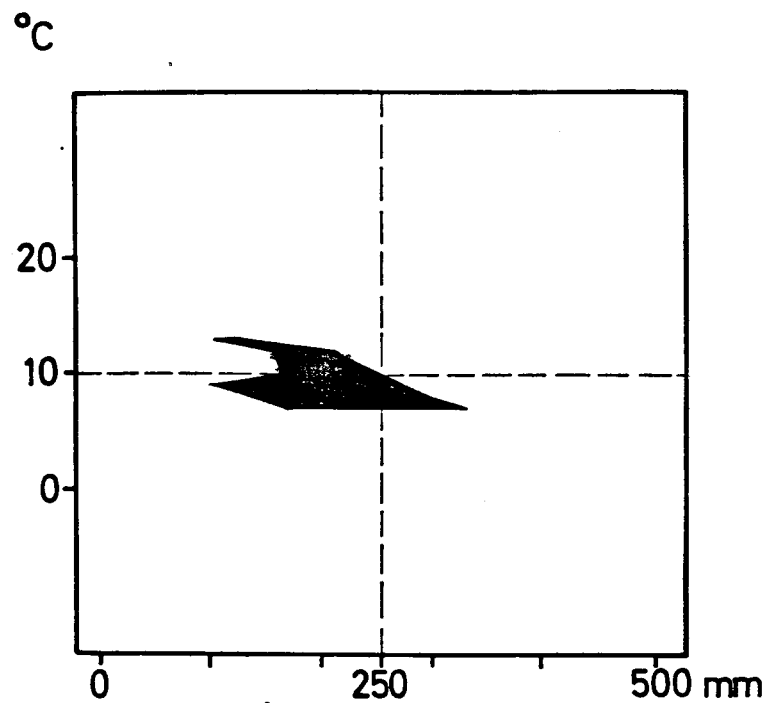
85 .

LATITUD 42 ° 04 ' S

LONGITUD 73 ° 24 ' W

ALTITUD 70 m

|                             | ENE       | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 18.1      | 17.5  | 15.7  | 12.9  | 10.8  | 9.4   | 9.3   | 9.4   | 10.6  | 13.0 | 14.5  | 16.8  | 13.2    | 14                  |
| Temperatura<br>media        | 13.3      | 12.9  | 11.8  | 9.8   | 8.0   | 6.8   | 6.8   | 6.6   | 7.3   | 9.1  | 10.1  | 12.0  | 9.5     | 14                  |
| Temperatura<br>mínima media | 9.6       | 9.6   | 8.8   | 7.1   | 5.8   | 4.7   | 4.6   | 4.3   | 4.7   | 6.1  | 6.7   | 8.5   | 6.7     | 14                  |
| Humedad relativa            | sin datos |       |       |       |       |       |       |       |       |      |       |       |         |                     |
| Precipitaciones             | 100.3     | 117.3 | 205.5 | 246.6 | 294.9 | 327.7 | 302.7 | 275.6 | 164.4 | 96.0 | 160.5 | 154.2 | 2.445.7 | 14                  |



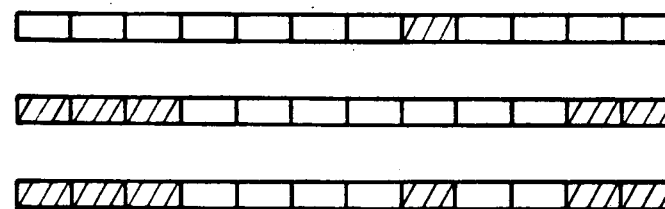
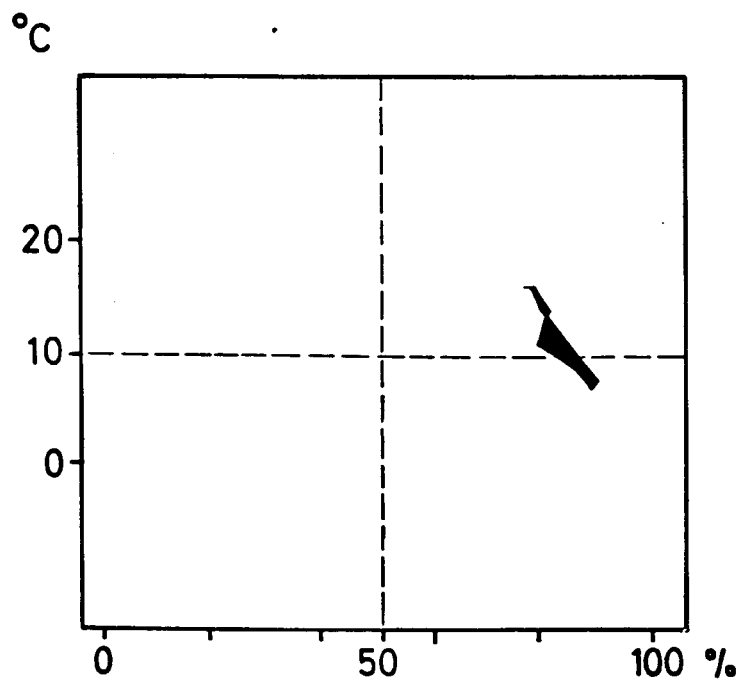
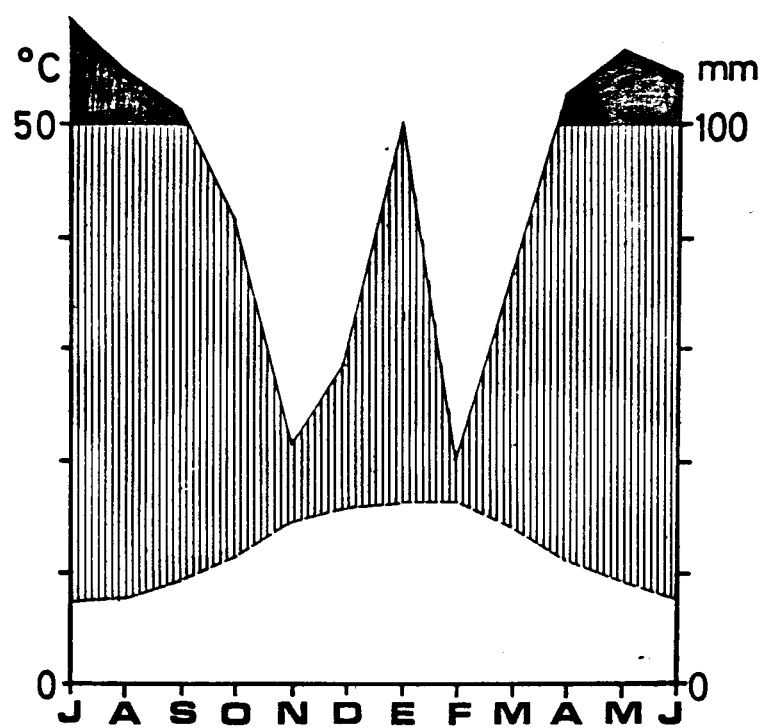
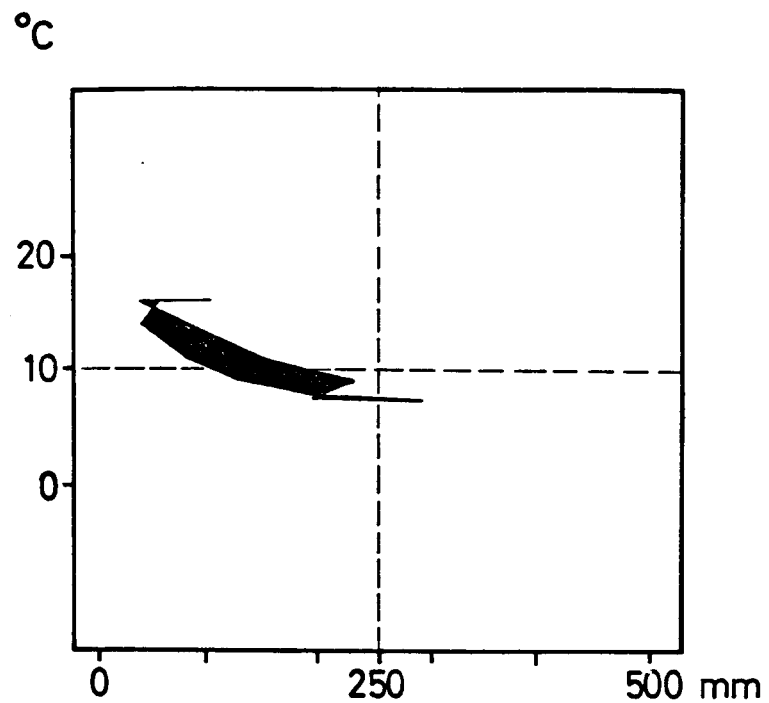
Morro Lobos 85

C A S T R O

86 .

LATITUD 42 ° 29 ' S  
LONGITUD 73 ° 48 ' W  
ALTITUD 80 m

|                             | ENE   | FEB  | MAR  | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|-------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 20.1  | 20.4 | 19.0 | 15.7  | 13.1  | 11.2  | 10.9  | 11.2  | 12.8  | 15.5 | 18.2 | 10.0 | 15.7    | 7                   |
| Temperatura<br>media        | 15.9  | 15.9 | 14.2 | 11.2  | 9.0   | 7.5   | 7.3   | 7.5   | 9.1   | 11.4 | 14.3 | 15.7 | 11.6    | 7                   |
| Temperatura<br>mínima media | 7.7   | 7.6  | 6.4  | 4.3   | 3.4   | 2.3   | 2.3   | 2.1   | 2.6   | 4.1  | 5.9  | 7.4  | 4.7     | 7                   |
| Humedad relativa            | 76    | 77   | 79   | 84    | 87    | 89    | 88    | 87    | 84    | 78   | 80   | 77   | 82      | 7                   |
| Precipitaciones             | 102.6 | 39.7 | 72.8 | 147.6 | 226.8 | 193.8 | 293.1 | 204.0 | 133.5 | 83.9 | 43.5 | 57.2 | 1.598.5 | 7                   |



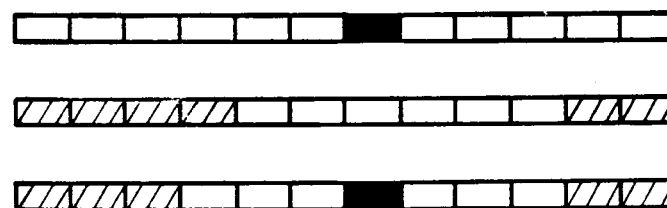
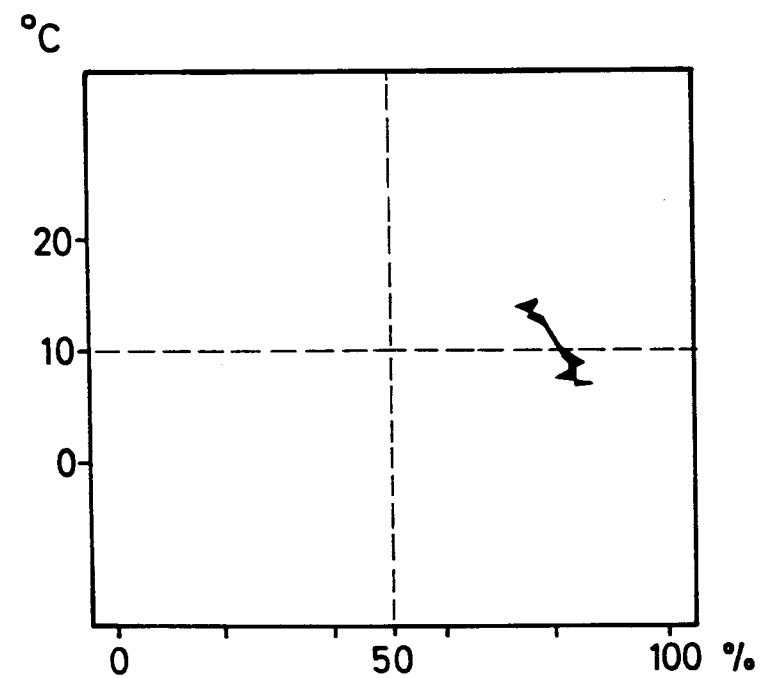
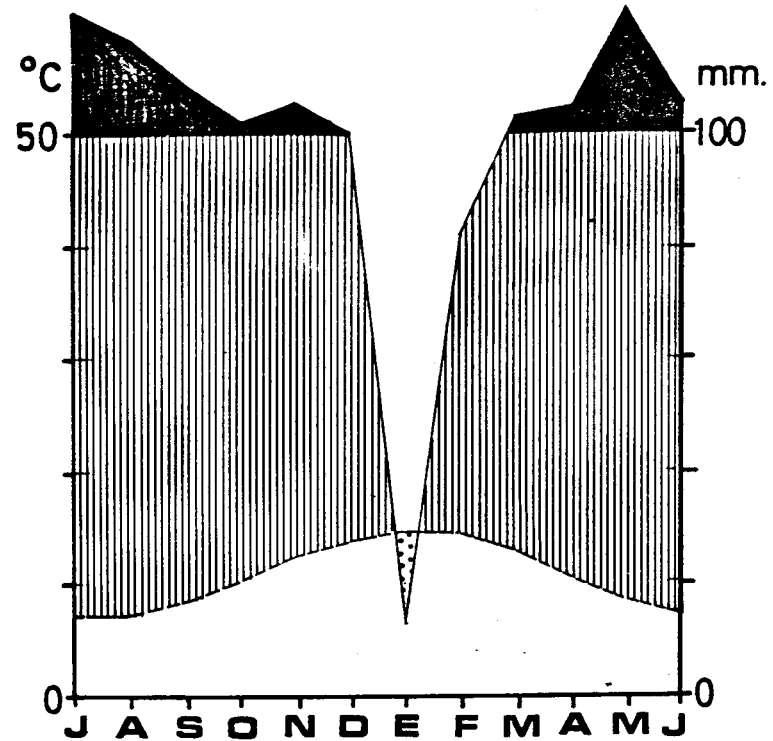
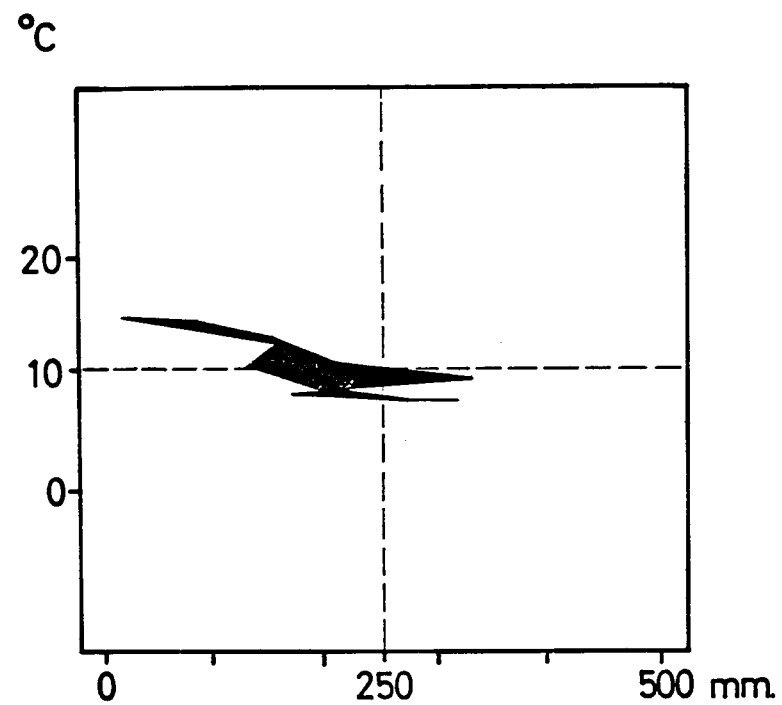
Castro 86

Q U E L L O N

87 .

LATITUD 43 ° 10 ' S  
LONGITUD 73 ° 43 ' W  
ALTITUD 4 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 17.3 | 17.7 | 15.9  | 13.3  | 11.3  | 9.8   | 9.2   | 9.8   | 11.0  | 12.9  | 15.5  | 16.7  | 13.4    | 7                   |
| Temperatura<br>media        | 14.5 | 14.3 | 13.1  | 10.5  | 8.7   | 7.5   | 6.9   | 7.1   | 8.3   | 9.9   | 12.3  | 13.6  | 10.6    | 7                   |
| Temperatura<br>mínima media | 10.1 | 9.9  | 9.3   | 7.1   | 6.0   | 4.8   | 4.3   | 4.0   | 5.0   | 6.5   | 8.2   | 9.5   | 7.1     | 7                   |
| Humedad relativa            | 76   | 73   | 77    | 80    | 84    | 80    | 86    | 83    | 83    | 80    | 78    | 74    | 80      | 7                   |
| Precipitaciones             | 13.9 | 82.4 | 136.0 | 153.2 | 329.0 | 166.3 | 318.4 | 271.3 | 190.1 | 126.1 | 155.9 | 105.1 | 2.047.7 | 7                   |



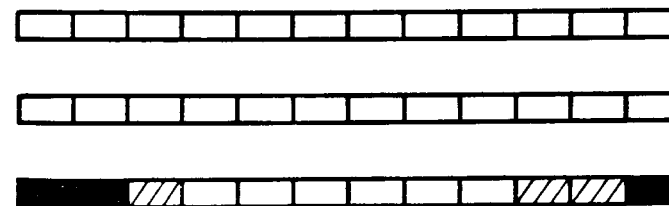
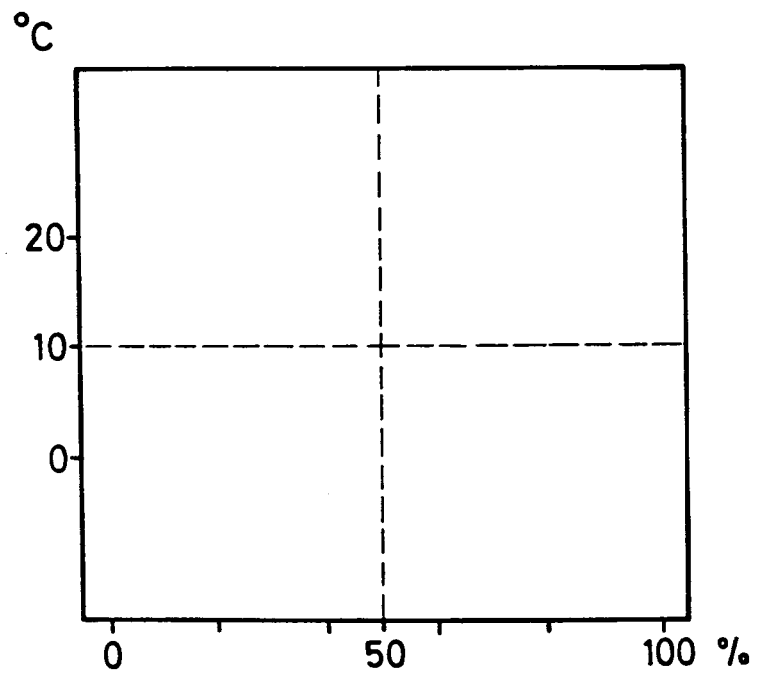
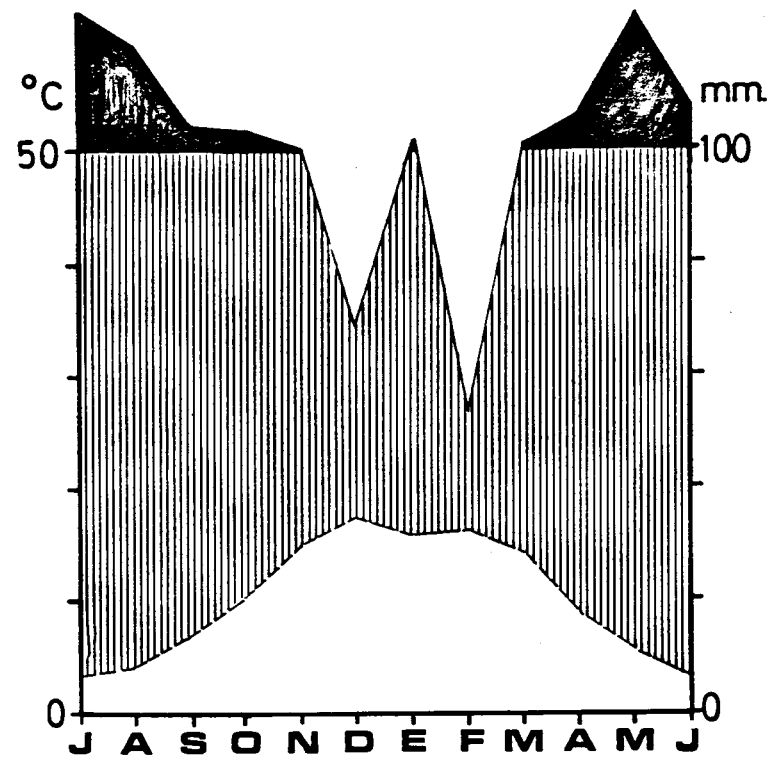
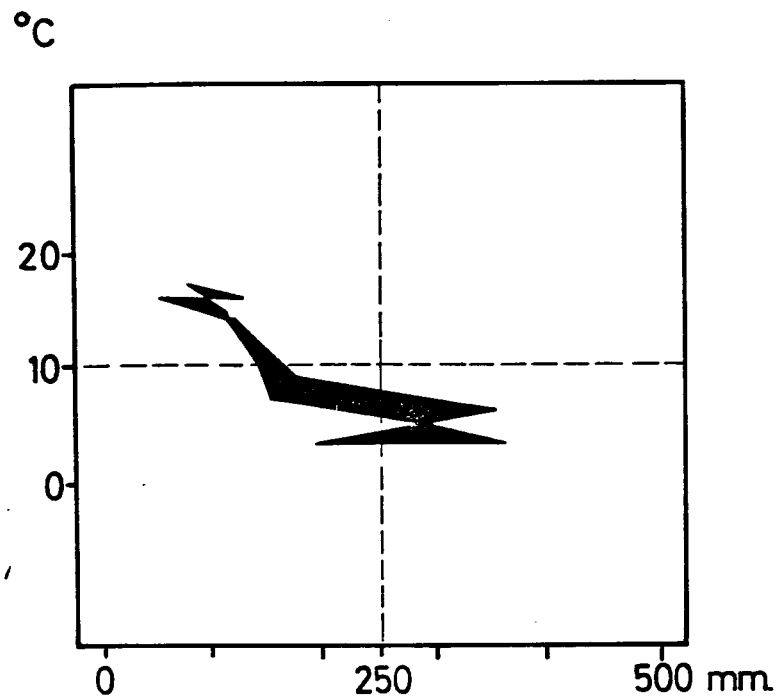
Quellón 87

F U T A L E U F U

88 .

LATITUD 43 ° 12 ' S  
LONGITUD 71 ° 52 ' W  
ALTITUD 330 m

|                             | ENE       | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC  | Año     | Años<br>observación |
|-----------------------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------|---------------------|
| Temperatura<br>máxima media | sin datos |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Temperatura<br>media        | 15.9      | 16.3 | 14.3  | 9.0   | 5.8   | 3.2   | 3.4   | 4.1   | 6.7   | 10.4  | 15.0  | 17.3 | 10.1    | 7                   |
| Temperatura<br>mínima media | sin datos |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Humedad relativa            | sin datos |      |       |       |       |       |       |       |       |       |       |      |         |                     |
| Precipitaciones             | 125.4     | 53.9 | 116.3 | 172.5 | 353.9 | 192.1 | 357.7 | 294.3 | 154.1 | 142.3 | 108.5 | 79.3 | 2.150.3 | 7                   |

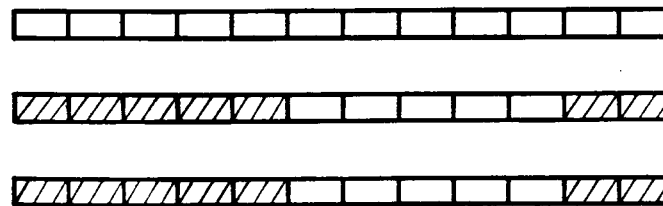
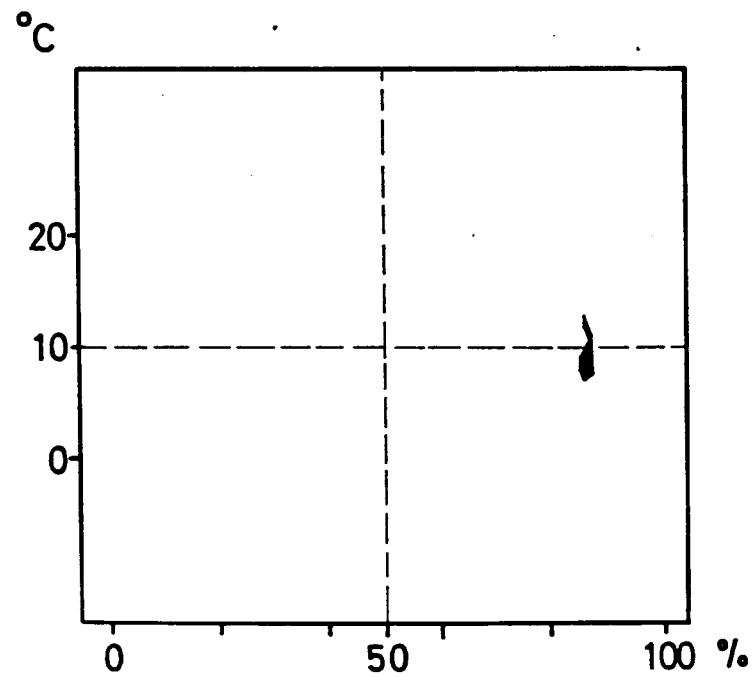
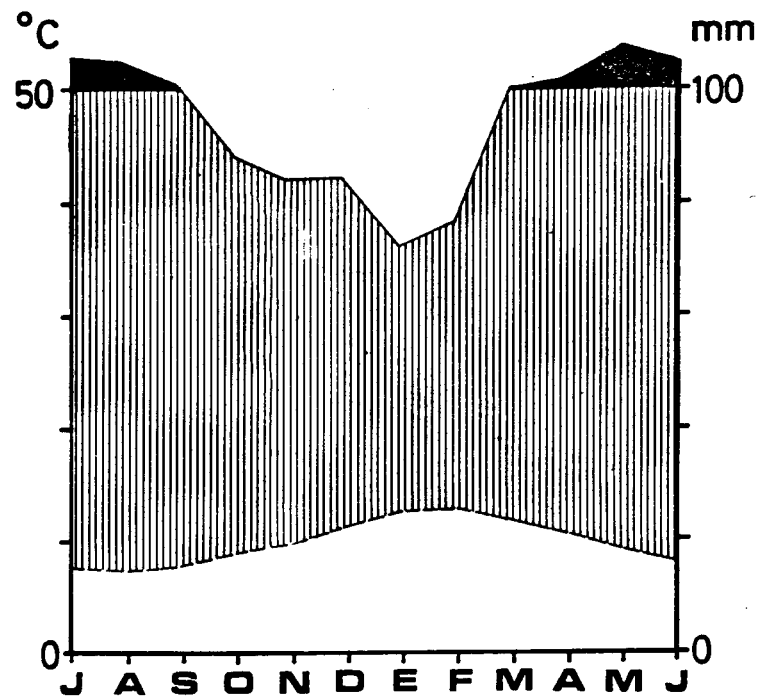
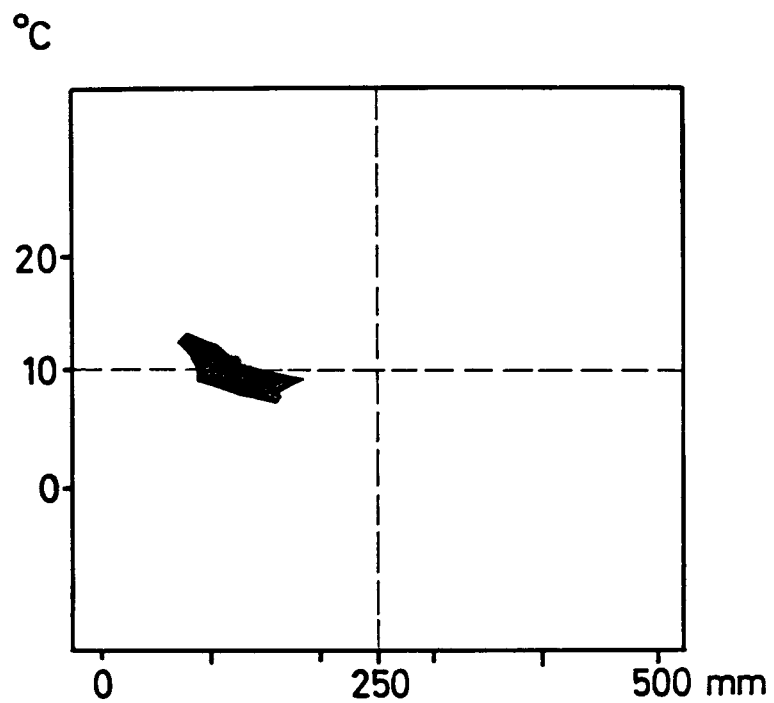


I S L A G U A F O

89 .

LATITUD 43 ° 34 ' S  
LONGITUD 74 ° 45 ' W  
ALTITUD 140 m

|                             | ENE  | FEB  | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 14.7 | 14.8 | 13.8  | 12.3  | 10.8  | 9.7   | 9.2   | 9.0   | 9.6   | 10.9 | 10.8 | 13.2 | 11.6    | 29                  |
| Temperatura<br>media        | 12.5 | 12.6 | 11.7  | 10.5  | 9.1   | 8.0   | 7.5   | 7.3   | 7.6   | 8.7  | 9.6  | 11.0 | 9.7     | 29                  |
| Temperatura<br>mínima media | 10.2 | 10.4 | 9.6   | 8.3   | 7.0   | 6.0   | 5.5   | 5.3   | 5.5   | 6.4  | 7.3  | 8.7  | 7.5     | 29                  |
| Humedad relativa            | 86   | 86   | 86    | 87    | 87    | 87    | 87    | 86    | 85    | 85   | 86   | 87   | 86      | 29                  |
| Precipitaciones             | 72.2 | 76.6 | 102.2 | 123.2 | 182.2 | 159.7 | 161.3 | 155.0 | 115.4 | 88.4 | 88.3 | 84.5 | 1.409.0 | 48                  |



Isla Guafo 89

M E L I N K A

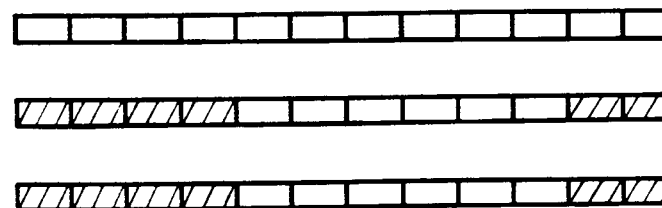
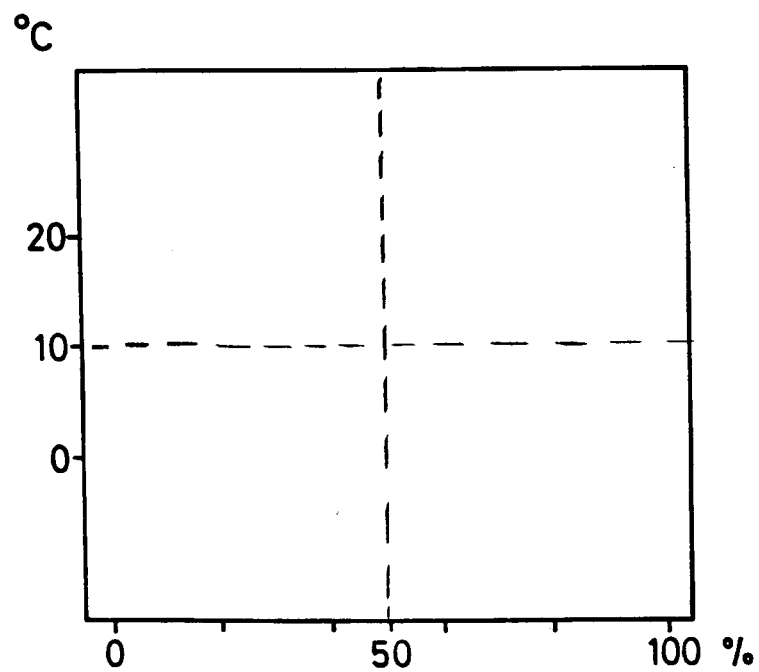
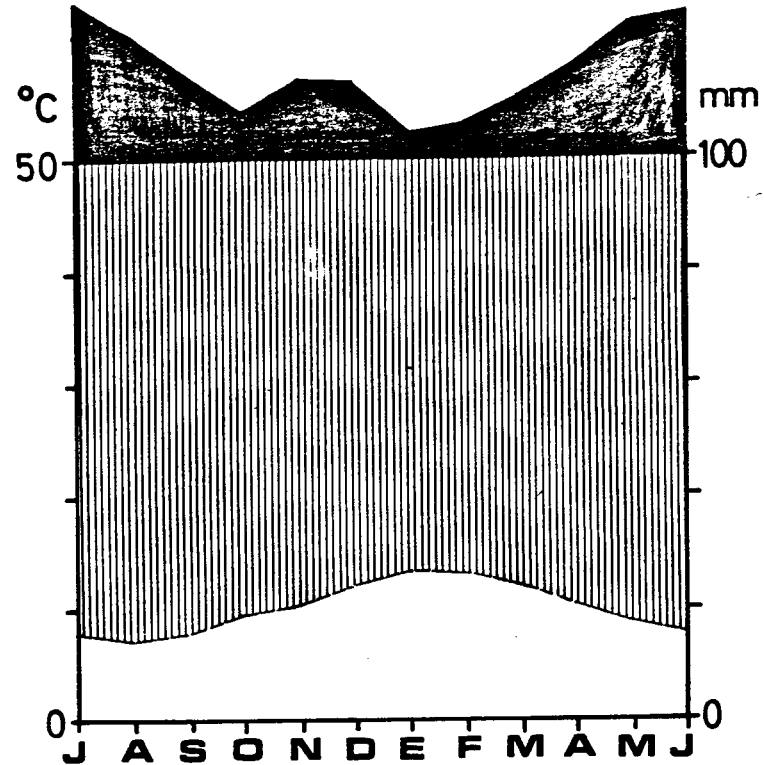
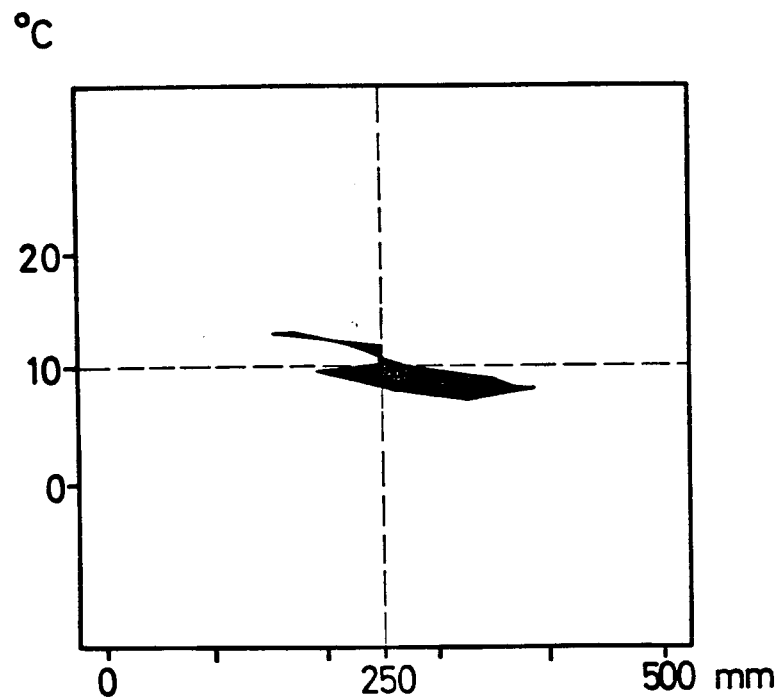
90 .

LATITUD 43 ° 54 ' S

LONGITUD 73 ° 46 ' W

ALTITUD 5 m

|                             | ENE       | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 17.4      | 17.2  | 15.9  | 13.6  | 11.3  | 10.1  | 10.0  | 10.0  | 10.9  | 13.2  | 13.8  | 15.7  | 13.3    | 11                  |
| Temperatura<br>media        | 13.3      | 13.2  | 12.0  | 10.4  | 8.8   | 7.7   | 7.6   | 7.3   | 7.8   | 9.5   | 10.3  | 12.0  | 10.0    | 11                  |
| Temperatura<br>mínima media | 9.6       | 9.5   | 8.7   | 7.4   | 6.0   | 5.0   | 5.0   | 4.6   | 4.8   | 6.1   | 7.0   | 8.5   | 6.9     | 11                  |
| Humedad relativa            | sin datos |       |       |       |       |       |       |       |       |       |       |       |         |                     |
| Precipitaciones             | 152.2     | 168.2 | 216.8 | 270.1 | 349.4 | 367.8 | 382.5 | 325.2 | 256.9 | 191.6 | 247.0 | 246.0 | 3.137.7 | 11                  |



Melinka 90

R I O C I S N E S

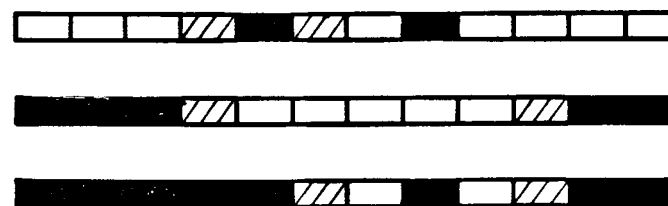
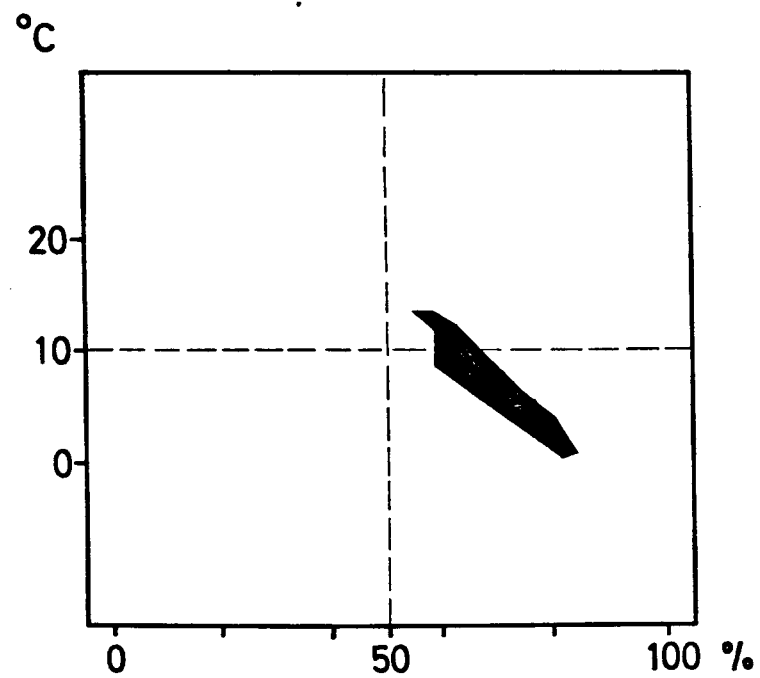
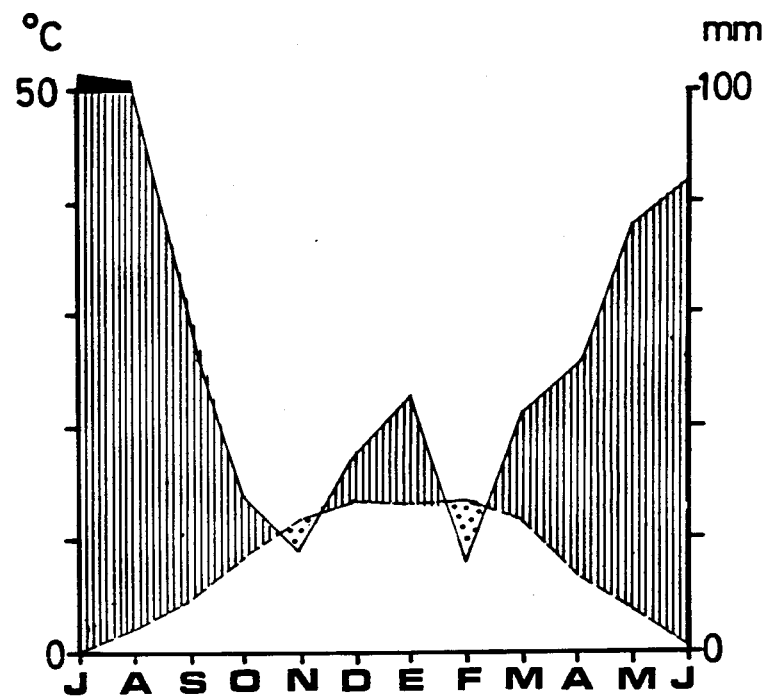
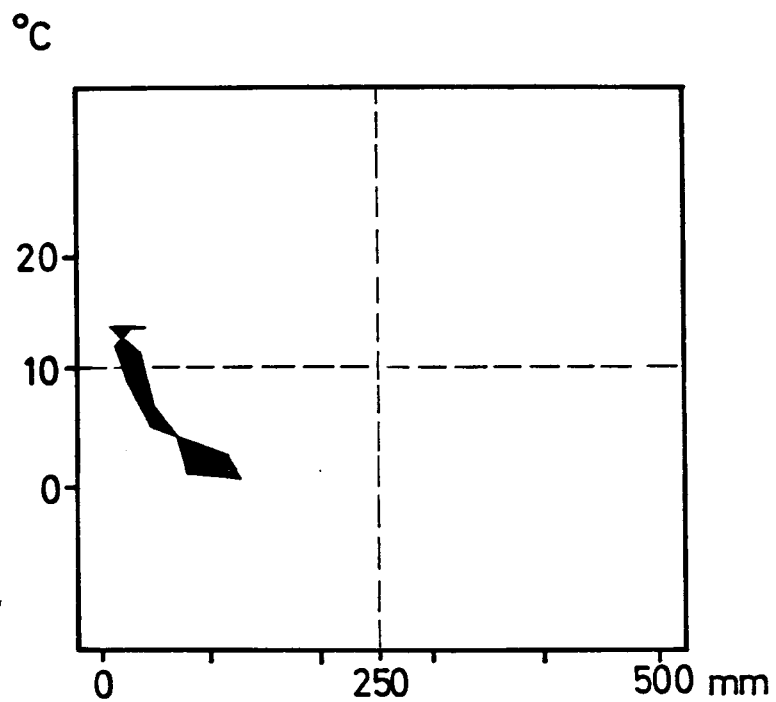
91 .

LATITUD 44 ° 45 ' S

LONGITUD 72 ° 00 ' W

ALTITUD 700 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.4 | 19.1 | 17.9 | 11.8 | 8.1  | 4.3  | 4.3   | 6.5   | 9.5  | 13.6 | 16.7 | 18.1 | 12.4  | 7                   |
| Temperatura<br>media        | 13.3 | 13.5 | 11.8 | 6.7  | 3.9  | 0.6  | 0.2   | 2.2   | 4.6  | 8.5  | 11.8 | 13.5 | 7.6   | 7                   |
| Temperatura<br>mínima media | 5.1  | 4.4  | 3.1  | 0.2  | -1.2 | -3.7 | -4.7  | -2.8  | -1.6 | 0.2  | 2.6  | 3.8  | 0.5   | 7                   |
| Humedad relativa            | 60   | 60   | 65   | 75   | 82   | 86   | 84    | 80    | 72   | 61   | 61   | 57   | 72    | 7                   |
| Precipitaciones             | 45.8 | 15.9 | 42.7 | 51.9 | 76.0 | 83.9 | 131.7 | 121.3 | 52.3 | 27.9 | 18.1 | 34.3 | 701.8 | 7                   |

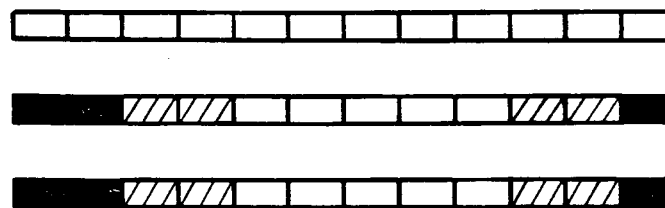
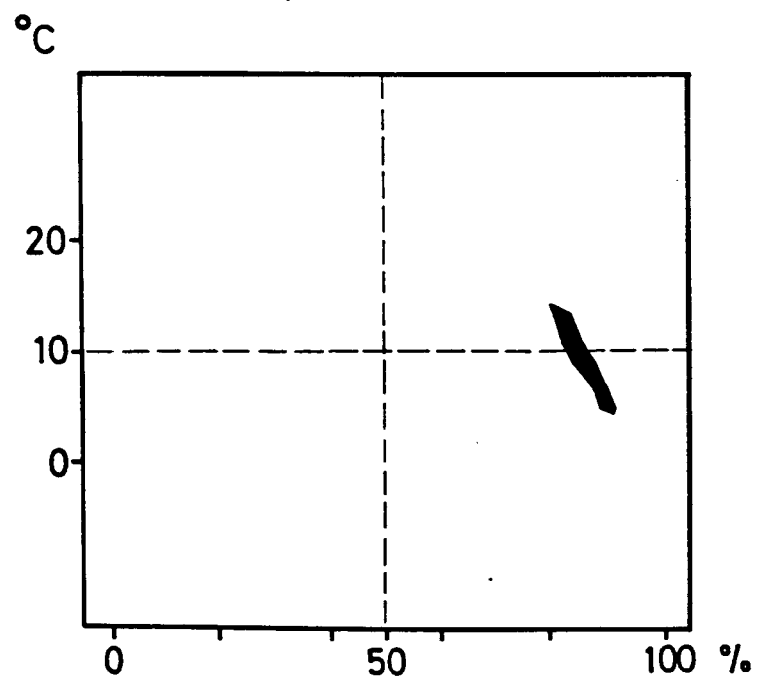
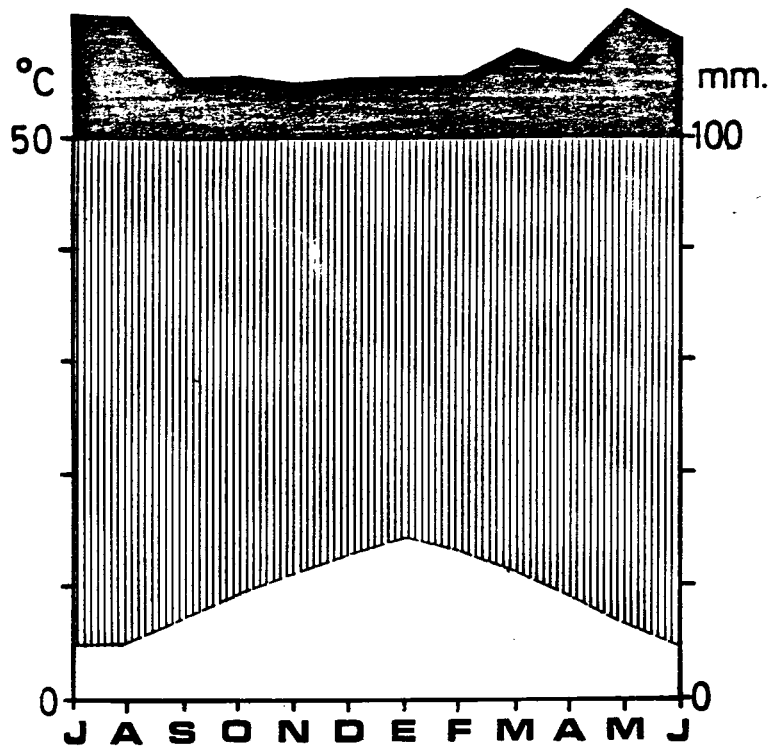
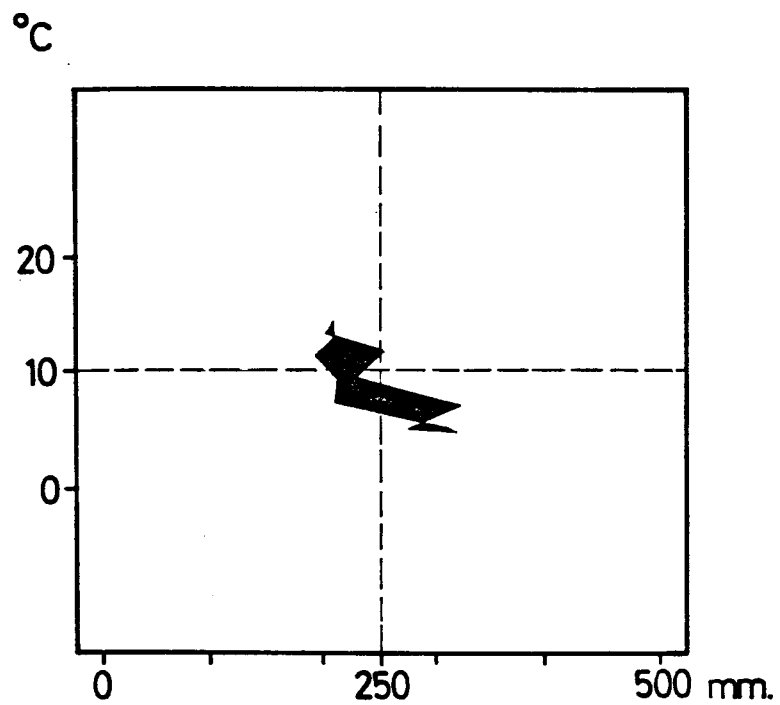


P U E R T O   A Y S E N

92 .

LATITUD 45 ° 24 ' S  
LONGITUD 72 ° 42 ' W  
ALTITUD 10 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 17.9  | 17.3  | 15.4  | 12.8  | 9.6   | 7.4   | 7.3   | 8.4   | 10.9  | 13.3  | 15.0  | 16.9  | 12.7    | 18                  |
| Temperatura<br>media        | 14.0  | 13.2  | 11.3  | 9.1   | 6.7   | 4.8   | 4.6   | 4.8   | 6.9   | 9.1   | 10.9  | 12.5  | 9.0     | 18                  |
| Temperatura<br>mínima media | 10.2  | 9.4   | 7.7   | 6.1   | 4.1   | 2.5   | 2.1   | 1.7   | 3.5   | 5.2   | 6.8   | 8.2   | 5.6     | 18                  |
| Humedad relativa            | 80    | 83    | 85    | 88    | 90    | 91    | 91    | 89    | 87    | 84    | 82    | 81    | 86      | 18                  |
| Precipitaciones             | 206.3 | 204.7 | 255.2 | 229.9 | 326.0 | 274.2 | 318.2 | 313.2 | 207.2 | 209.7 | 192.5 | 203.5 | 2.940.6 | 28                  |



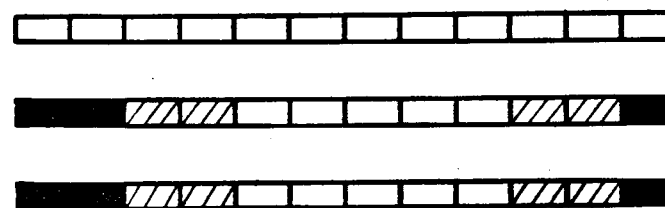
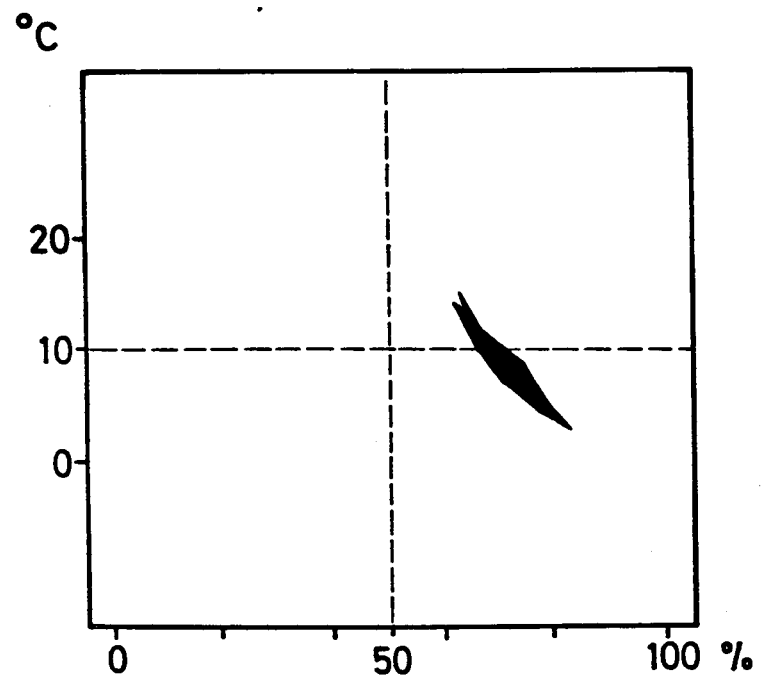
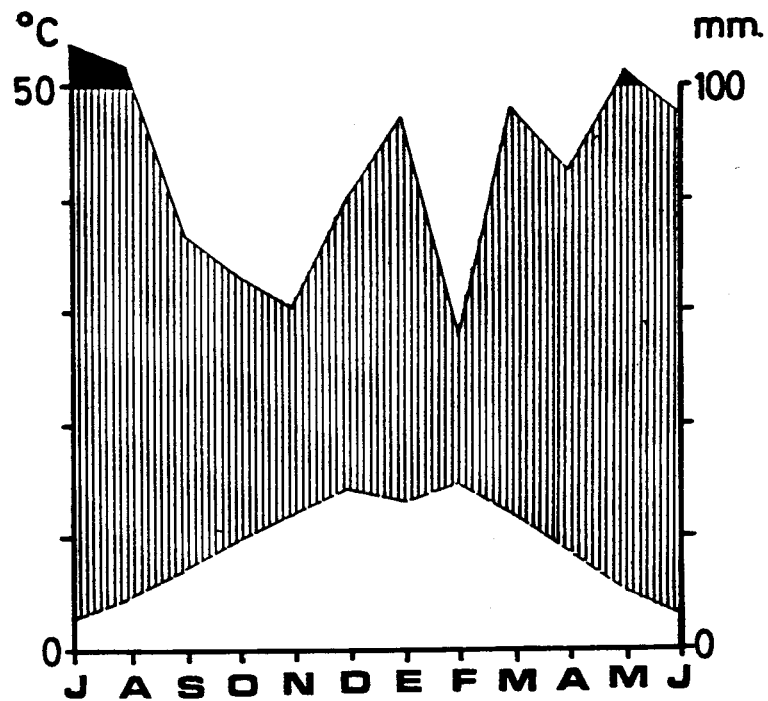
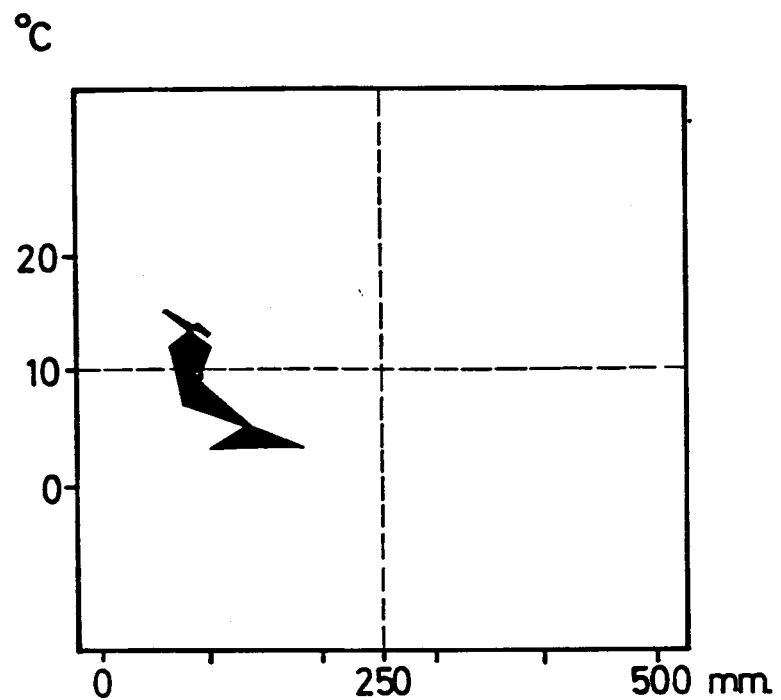
Puerto Aysén 92

C O Y H A I Q U E

93 .

LATITUD 45 ° 29 ' S  
LONGITUD 71 ° 33 ' W  
ALTITUD 140 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY   | JUN  | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año     | Años<br>observación |
|-----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|---------|---------------------|
| Temperatura<br>máxima media | 17.2 | 18.8 | 16.7 | 12.6 | 8.5   | 5.4  | 5.9   | 7.1   | 10.6 | 13.8 | 16.2 | 18.2 | 12.6    | 9                   |
| Temperatura<br>media        | 13.3 | 14.7 | 12.0 | 8.6  | 5.4   | 3.2  | 3.0   | 4.5   | 6.8  | 9.7  | 11.9 | 14.3 | 9.0     | 9                   |
| Temperatura<br>mínima media | 7.4  | 7.8  | 6.3  | 3.1  | 3.0   | 1.8  | -0.2  | 0.8   | 1.9  | 4.3  | 6.2  | 7.6  | 4.2     | 9                   |
| Humedad relativa            | 65   | 63   | 66   | 74   | 79    | 82   | 82    | 77    | 71   | 66   | 64   | 62   | 71      | 9                   |
| Precipitaciones             | 95.2 | 56.9 | 96.4 | 85.6 | 131.5 | 96.2 | 178.8 | 140.8 | 74.2 | 67.1 | 61.3 | 80.1 | 1.164.1 | 9                   |



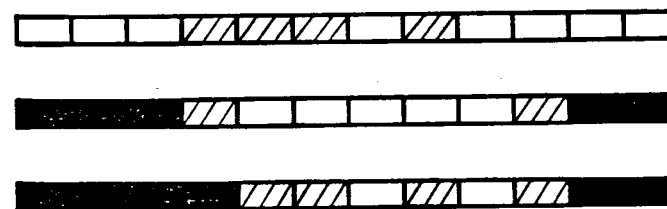
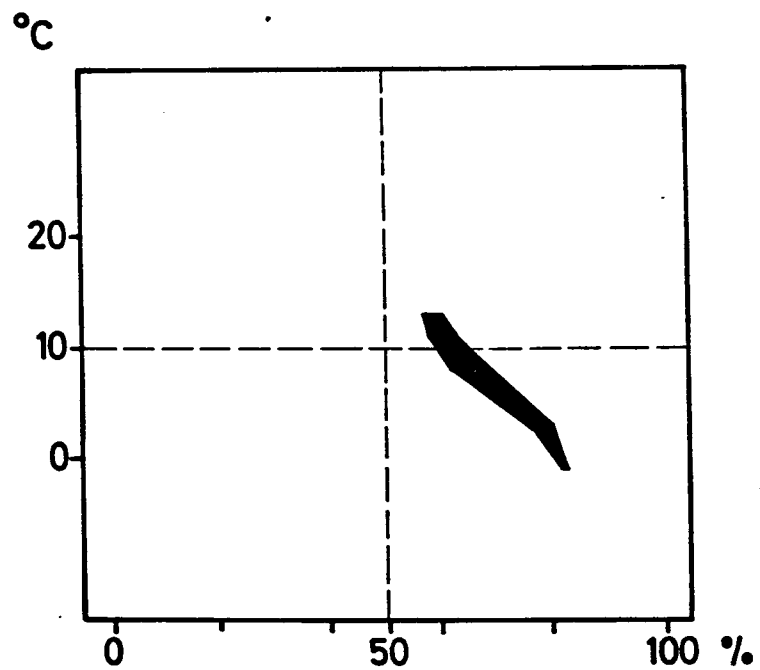
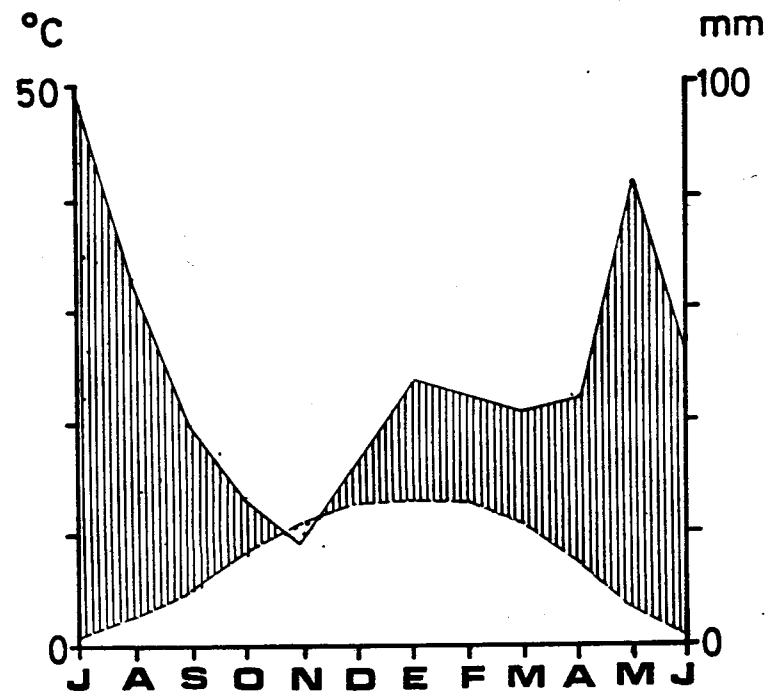
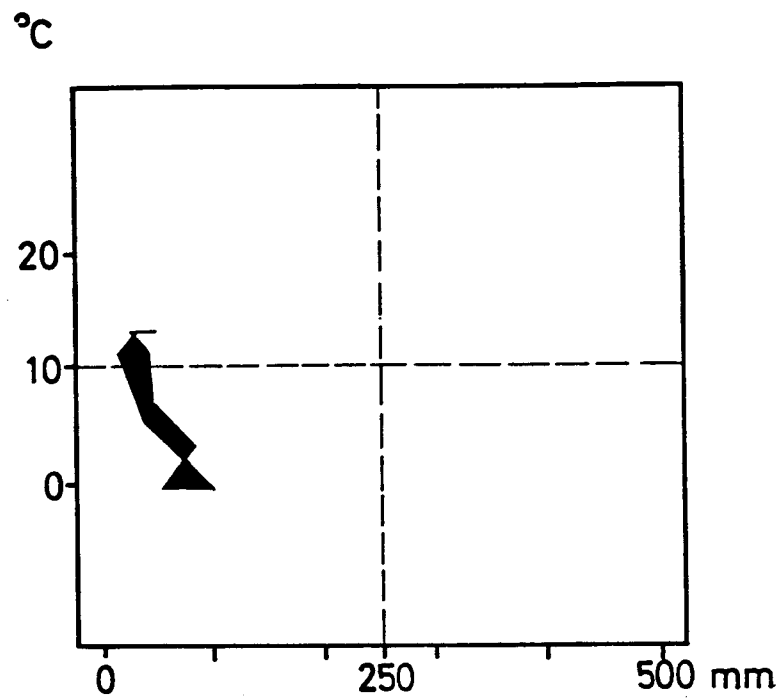
Coyhaique 93

B A L M A C E D A

94 .

LATITUD 45 ° 54 ' S  
LONGITUD 71 ° 43 ' W  
ALTITUD 520 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 17.4 | 19.1 | 15.4 | 11.7 | 7.3  | 3.5  | 4.1  | 6.0  | 8.8  | 12.6 | 15.3 | 17.4 | 11.6  | 9                   |
| Temperatura<br>media        | 12.8 | 12.7 | 10.9 | 7.1  | 3.3  | 0.7  | 0.9  | 2.5  | 4.8  | 8.2  | 10.9 | 12.6 | 7.3   | 9                   |
| Temperatura<br>mínima media | 5.5  | 5.8  | 3.9  | 0.7  | -0.8 | -3.8 | -3.3 | -2.3 | -1.3 | 0.8  | 3.2  | 4.2  | 1.1   | 9                   |
| Humedad relativa            | 57   | 60   | 63   | 71   | 80   | 83   | 82   | 77   | 70   | 62   | 58   | 57   | 68    | 9                   |
| Precipitaciones             | 47.1 | 26.2 | 41.6 | 44.2 | 82.2 | 54.0 | 96.6 | 65.4 | 39.1 | 26.3 | 18.3 | 31.4 | 572.4 | 9                   |



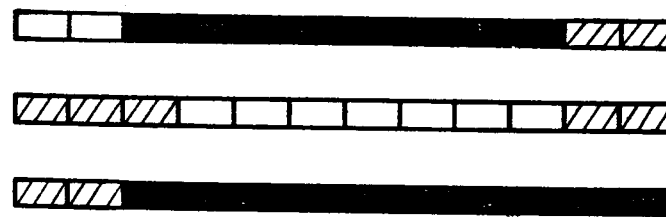
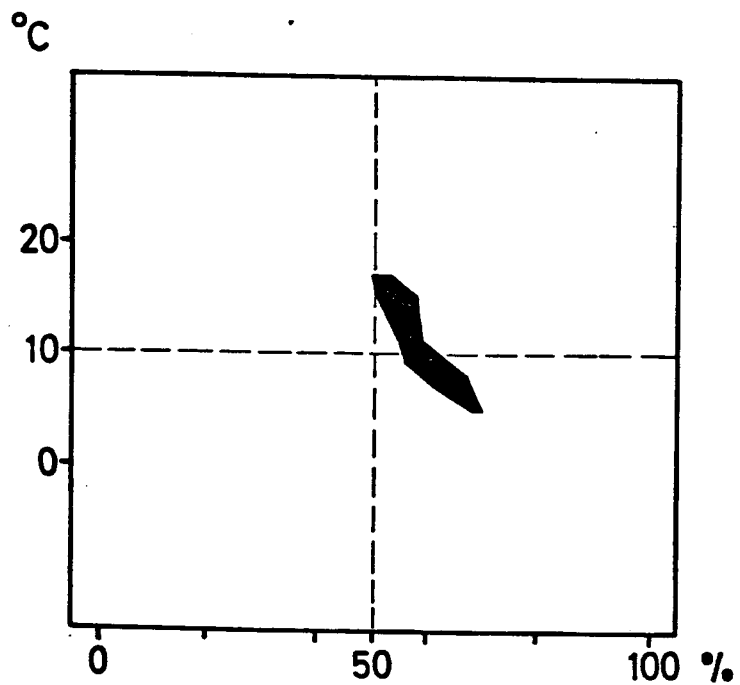
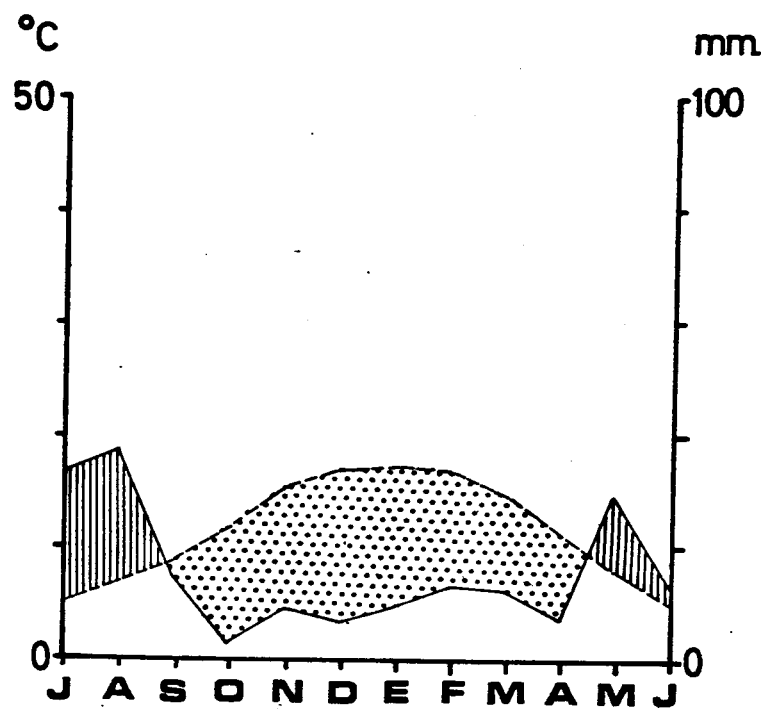
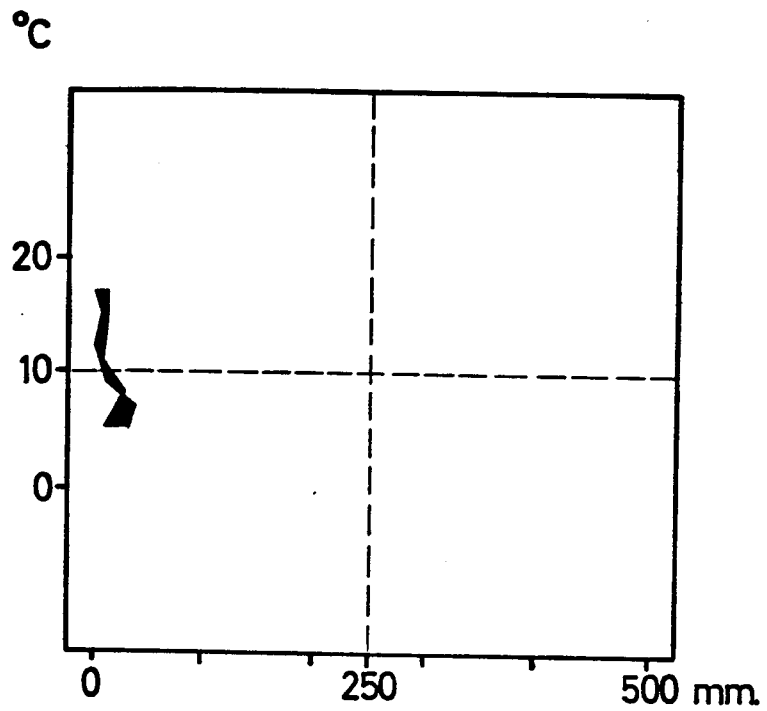
Balmaceda 94

C H I L E      C H I C O

95 .

LATITUD 46 ° 36 ' S  
LONGITUD 71 ° 43 ' W  
ALTITUD 382 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 21.5 | 21.7 | 19.8 | 14.9 | 10.9 | 8.6  | 8.7  | 10.1 | 12.7 | 16.1 | 19.3 | 20.6 | 15.4  | 7                   |
| Temperatura<br>media        | 17.2 | 16.9 | 14.9 | 11.3 | 7.9  | 5.1  | 5.1  | 6.7  | 8.7  | 11.9 | 15.4 | 16.9 | 11.5  | 7                   |
| Temperatura<br>mínima media | 10.5 | 10.0 | 8.0  | 4.2  | 2.3  | 0.4  | -0.4 | 0.6  | 2.5  | 4.8  | 8.3  | 9.9  | 5.1   | 7                   |
| Humedad relativa            | 52   | 53   | 58   | 59   | 67   | 69   | 68   | 61   | 56   | 54   | 51   | 50   | 58    | 7                   |
| Precipitaciones             | 9.9  | 13.1 | 12.1 | 7.7  | 29.8 | 13.8 | 33.6 | 37.9 | 14.8 | 3.2  | 8.4  | 6.8  | 191.1 | 7                   |



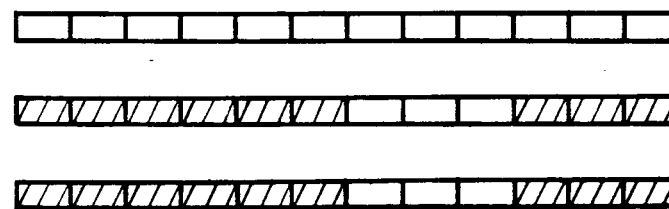
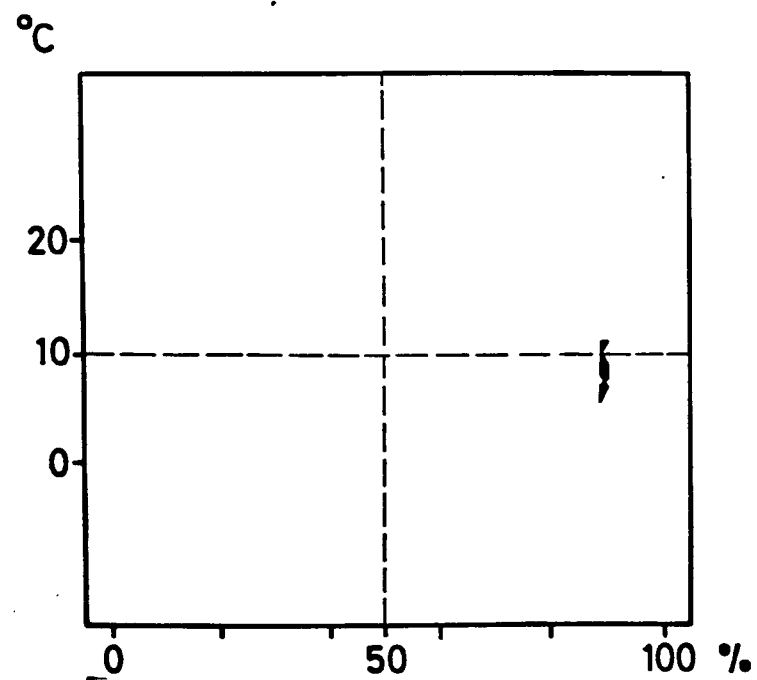
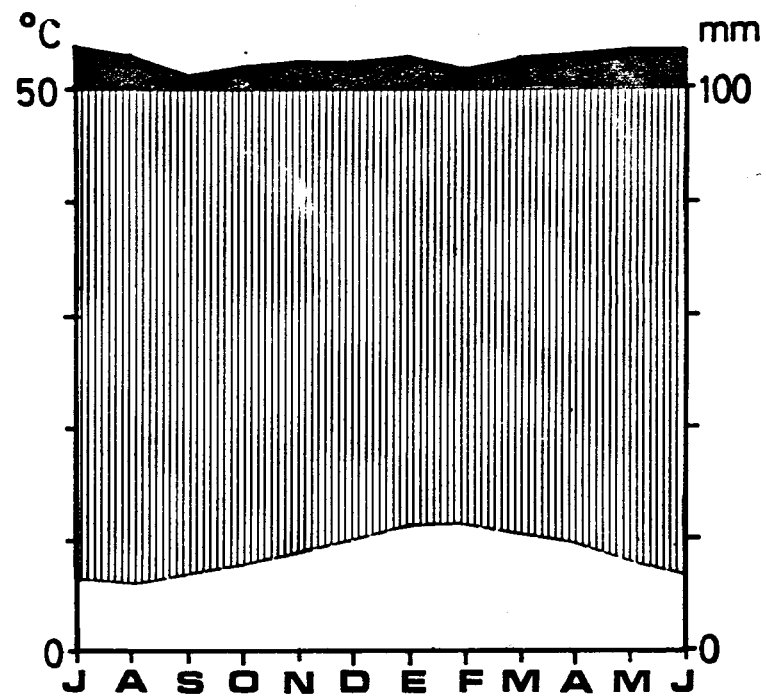
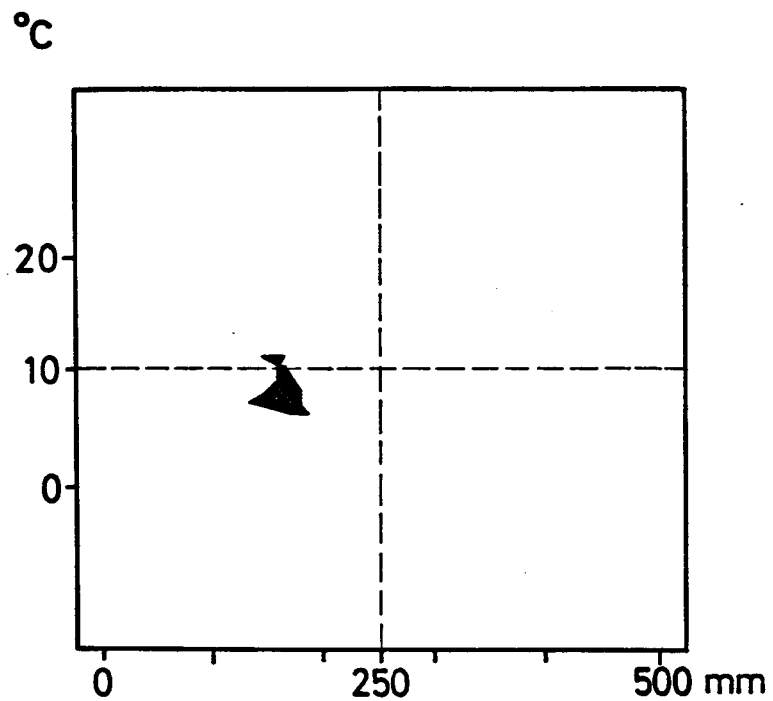
Chile Chico 95

C A B O R A P E R

96 .

LATITUD 46 ° 50 ' S  
LONGITUD 73 ° 36 ' W  
ALTITUD 40 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 14.2  | 14.4  | 13.5  | 12.4  | 11.0  | 9.5   | 8.8   | 8.9   | 9.7   | 10.6  | 11.6  | 13.0  | 11.5    | 20                  |
| Temperatura<br>media        | 11.2  | 11.4  | 10.6  | 9.5   | 8.1   | 6.9   | 6.3   | 6.2   | 6.8   | 7.7   | 8.7   | 9.9   | 8.6     | 22                  |
| Temperatura<br>mínima media | 8.4   | 8.5   | 7.9   | 7.0   | 5.5   | 4.4   | 3.8   | 3.7   | 3.9   | 5.0   | 5.9   | 7.1   | 5.9     | 20                  |
| Humedad relativa            | 90    | 89    | 89    | 89    | 89    | 90    | 90    | 89    | 89    | 90    | 90    | 89    | 89      | 22                  |
| Precipitaciones             | 163.5 | 142.2 | 162.8 | 167.8 | 176.0 | 176.9 | 182.1 | 160.9 | 131.5 | 148.9 | 156.6 | 155.8 | 1.950.0 | 46                  |



Cabo Raper 96

S A N P E D R O

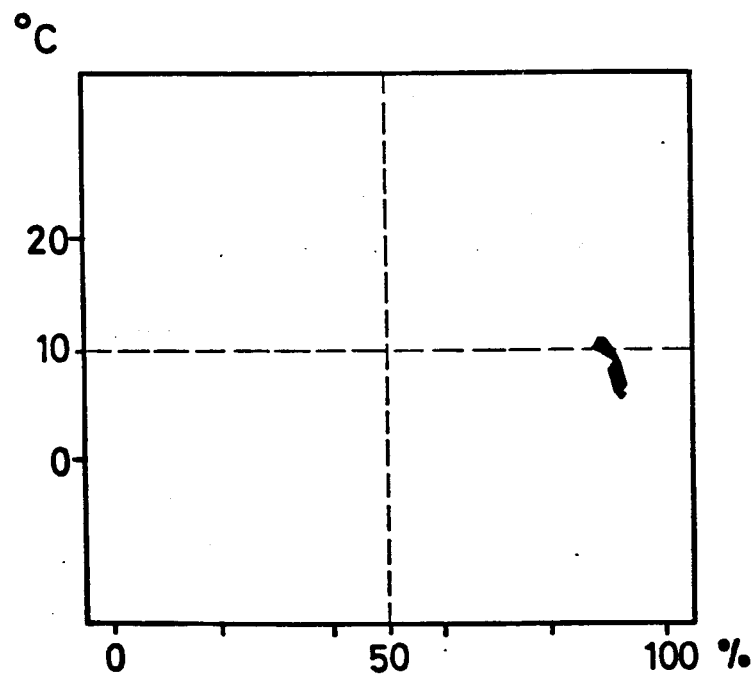
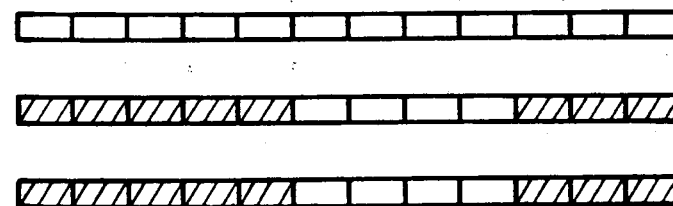
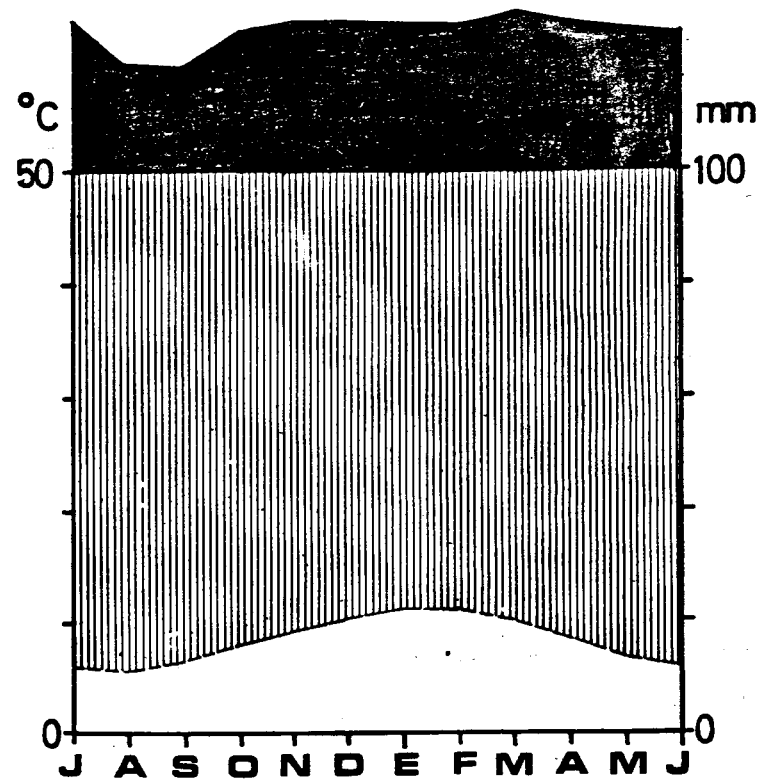
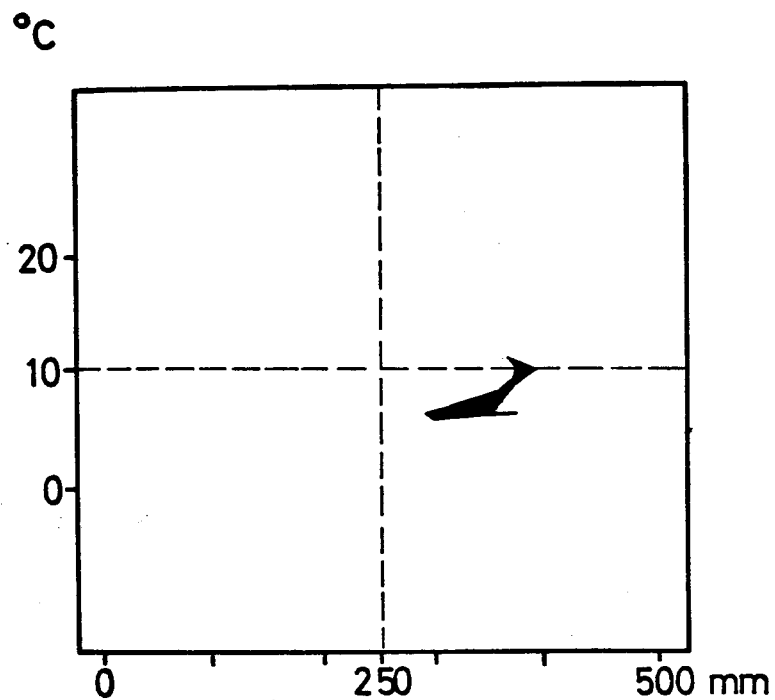
97 .

LATITUD 47 ° 43 ' S

LONGITUD 74 ° 55 ' W

ALTITUD 22 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 14.2  | 14.5  | 13.2  | 11.3  | 9.4   | 8.5   | 7.7   | 7.9   | 9.3   | 10.8  | 11.9  | 13.2  | 11.0    | 18                  |
| Temperatura<br>media        | 11.2  | 11.2  | 10.0  | 8.5   | 6.8   | 6.1   | 5.7   | 5.5   | 6.4   | 7.8   | 8.9   | 10.2  | 8.2     | 18                  |
| Temperatura<br>mínima media | 7.7   | 7.9   | 7.1   | 5.9   | 4.4   | 3.4   | 3.2   | 3.0   | 3.7   | 4.7   | 5.7   | 6.3   | 5.3     | 18                  |
| Humedad relativa            | 88    | 89    | 91    | 92    | 93    | 92    | 93    | 92    | 91    | 90    | 91    | 87    | 91      | 8                   |
| Precipitaciones             | 369.7 | 368.4 | 390.1 | 372.7 | 359.4 | 351.7 | 372.0 | 296.6 | 290.3 | 354.2 | 369.8 | 371.4 | 4.266.3 | 27                  |

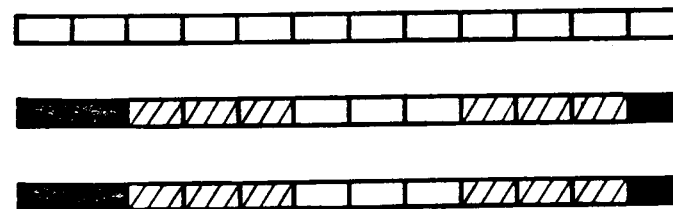
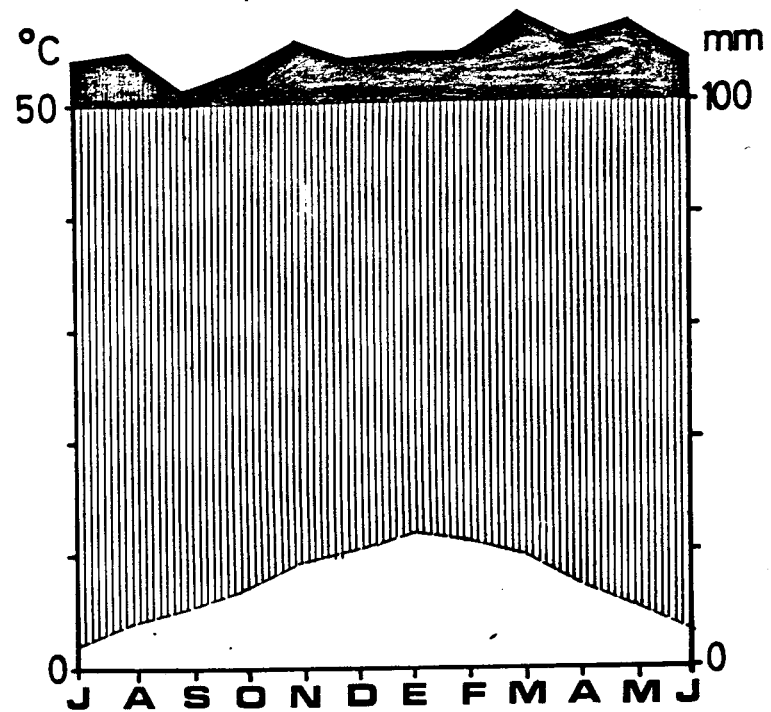
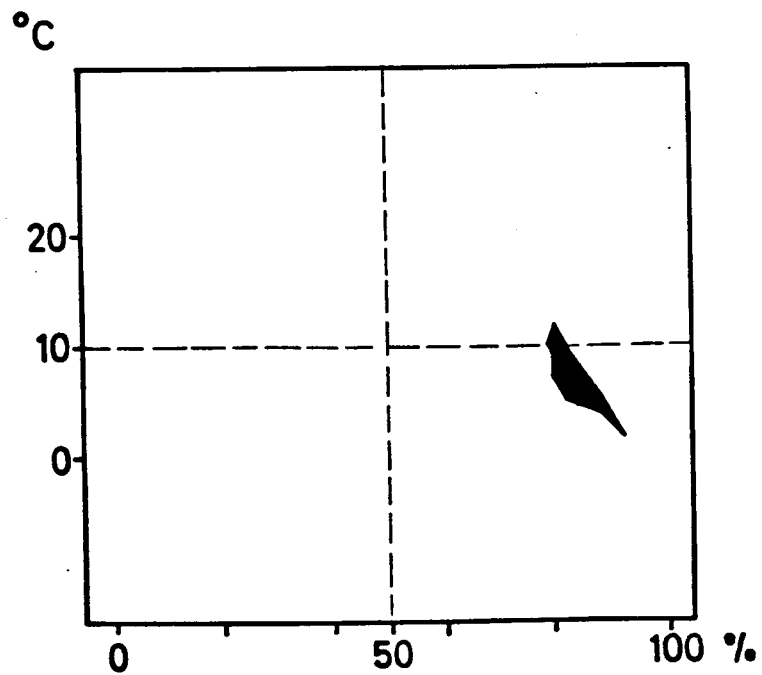
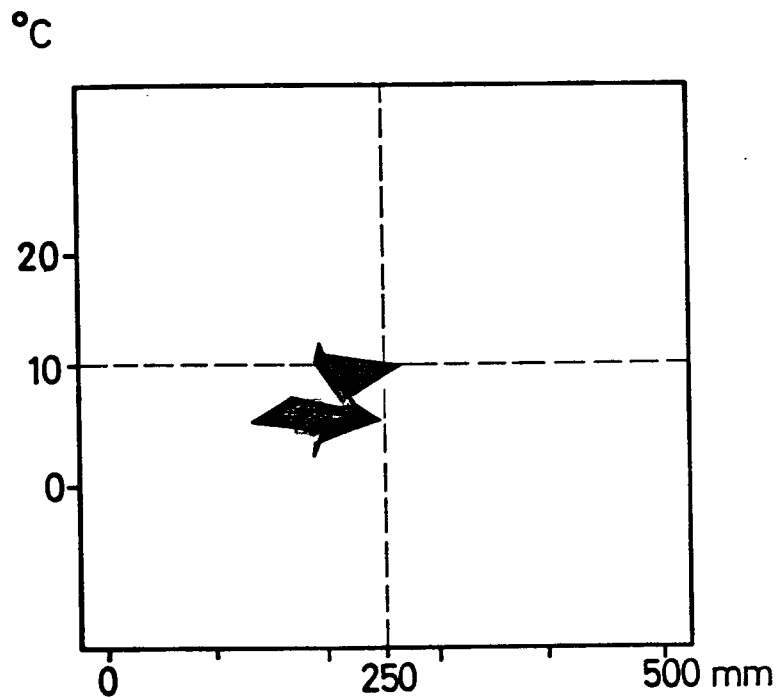


P U E R T O      E D E N

98 .

LATITUD 49 ° 08 ' S  
LONGITUD 74 ° 25 ' W  
ALTITUD 6 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 14.5  | 14.5  | 12.5  | 9.8   | 7.6   | 5.4   | 5.4   | 6.9   | 8.5   | 9.8   | 12.3  | 14.1  | 10.1    | 7                   |
| Temperatura<br>media        | 11.8  | 11.3  | 9.9   | 7.2   | 5.3   | 3.1   | 2.3   | 4.0   | 5.4   | 7.0   | 9.3   | 10.3  | 7.2     | 7                   |
| Temperatura<br>mínima media | 7.8   | 7.7   | 6.3   | 4.3   | 2.9   | 0.9   | 0.7   | 1.4   | 2.1   | 3.7   | 5.6   | 6.7   | 5.4     | 7                   |
| Humedad relativa            | 80    | 81    | 82    | 86    | 89    | 91    | 92    | 88    | 82    | 80    | 80    | 79    | 84      | 7                   |
| Precipitaciones             | 193.2 | 196.2 | 264.3 | 218.2 | 247.6 | 184.5 | 181.9 | 196.8 | 131.1 | 167.4 | 217.6 | 183.7 | 2.343.1 | 7                   |

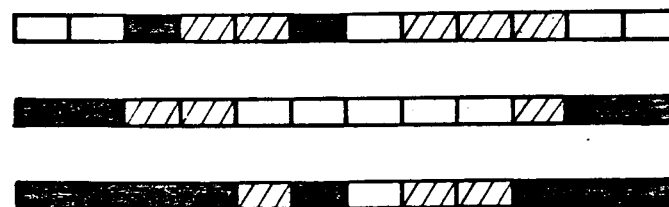
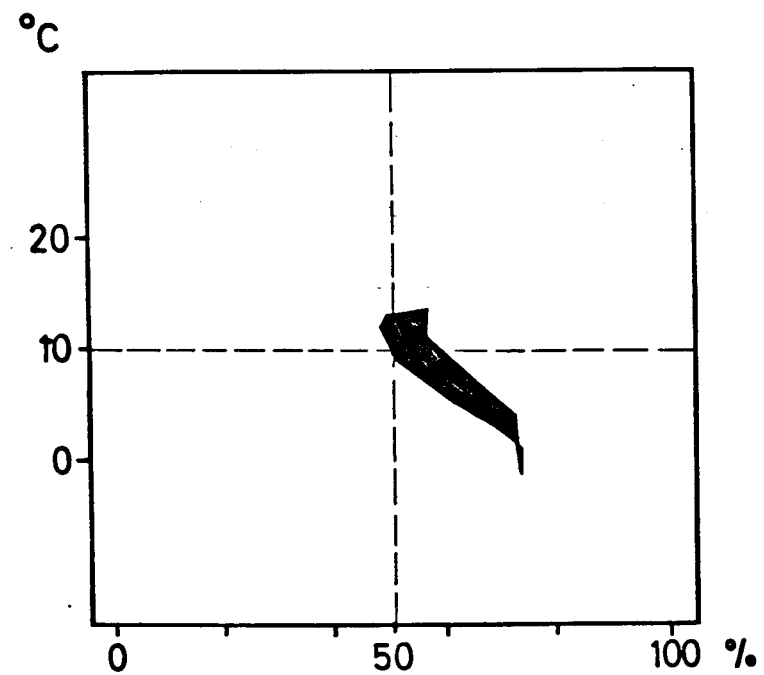
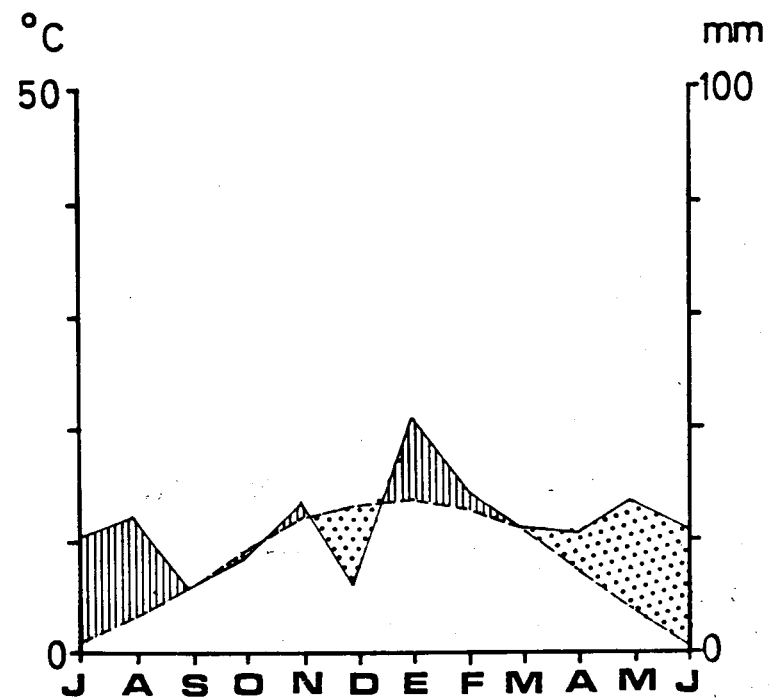
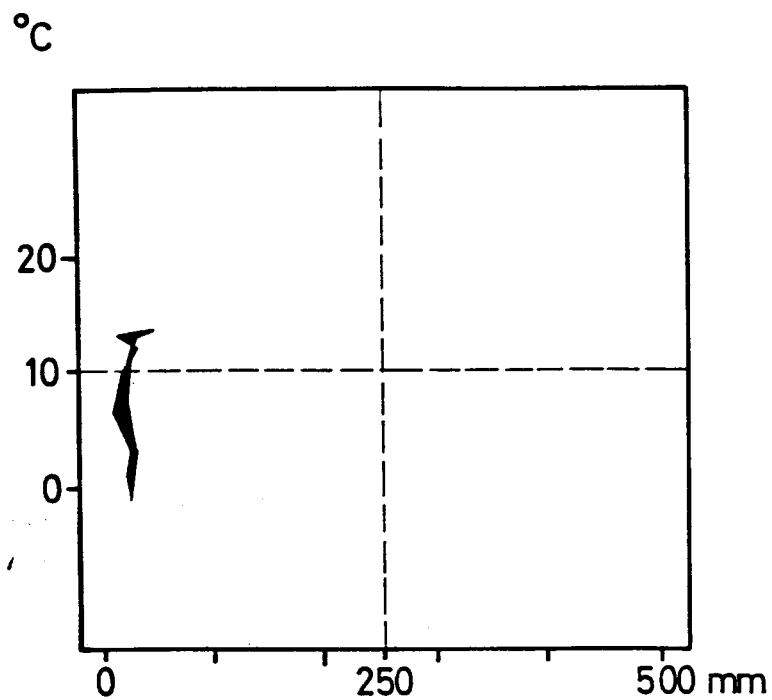


C E R R O      G U I D O

99.

LATITUD 50 ° 55 ' S  
LONGITUD 72 ° 30 ' W  
ALTITUD 815 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 18.2 | 18.0 | 16.3 | 11.2 | 6.8  | 4.0  | 4.5  | 6.5  | 9.9  | 14.1 | 16.4 | 17.5 | 12.0  | 7                   |
| Temperatura<br>media        | 13.5 | 12.8 | 10.9 | 7.1  | 3.7  | 0.7  | 1.0  | 3.0  | 5.9  | 9.1  | 11.7 | 12.9 | 7.7   | 7                   |
| Temperatura<br>mínima media | 6.3  | 5.8  | 4.1  | 1.2  | 0.2  | -3.2 | -2.8 | -1.3 | 1.1  | 2.8  | 4.1  | 5.1  | 0.9   | 7                   |
| Humedad relativa            | 56   | 56   | 56   | 65   | 72   | 73   | 73   | 69   | 59   | 51   | 48   | 49   | 61    | 7                   |
| Precipitaciones             | 41.7 | 29.0 | 22.0 | 21.1 | 26.8 | 21.4 | 21.1 | 24.0 | 11.7 | 16.8 | 26.9 | 12.0 | 274.5 | 7                   |



P U E R T O      B O R I E S

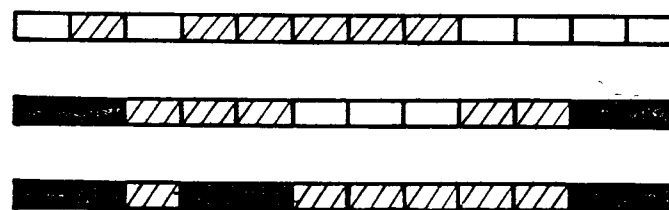
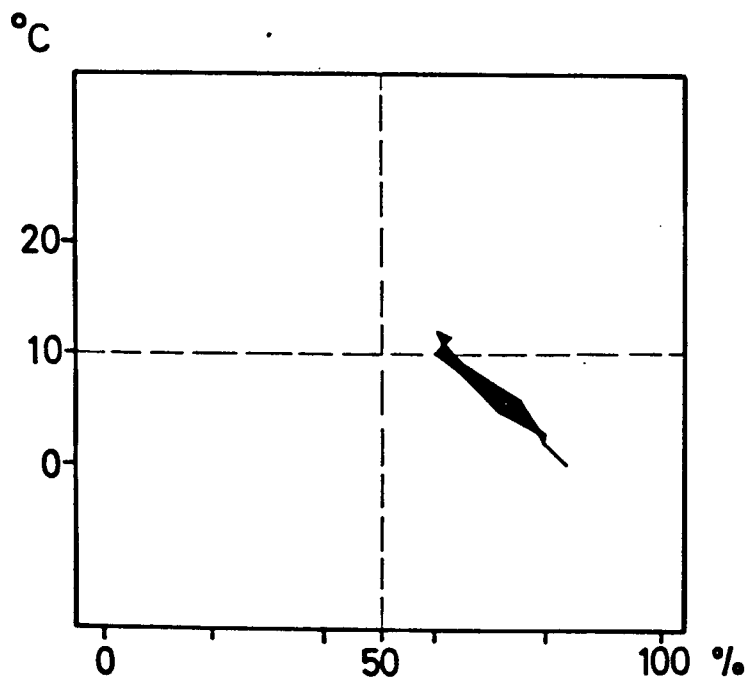
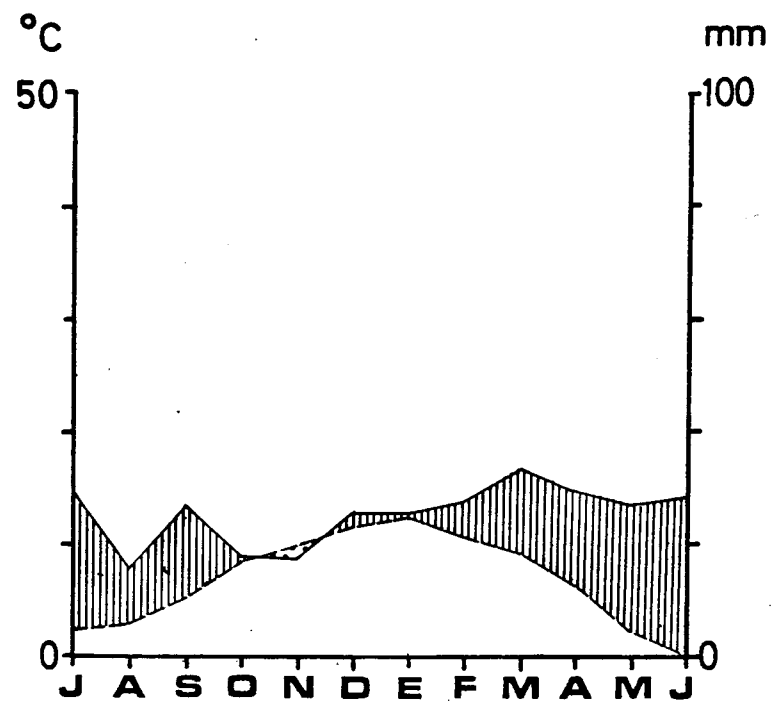
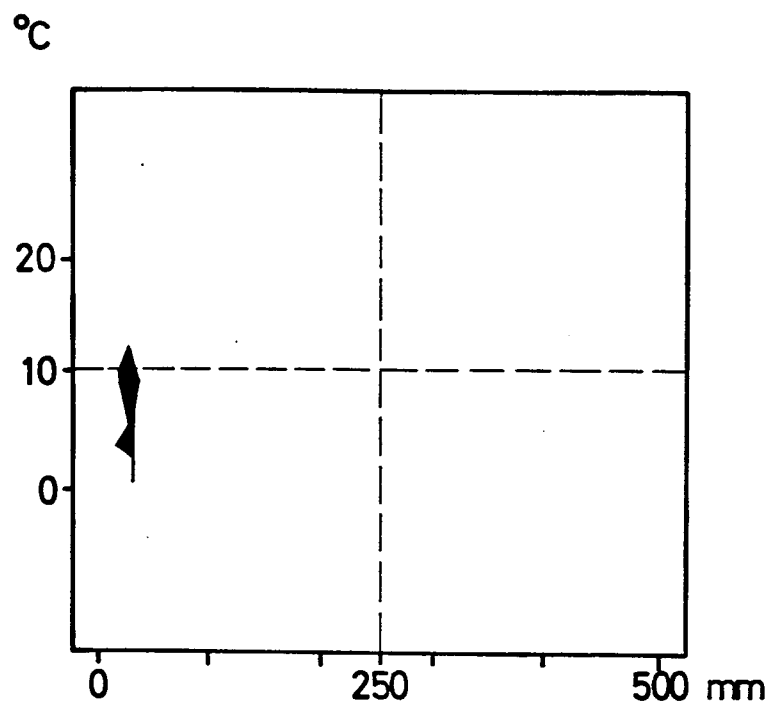
100 .

LATITUD 51 ° 42 ' S

LONGITUD 72 ° 31 ' W

ALTITUD 22 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 17.3 | 16.1 | 14.3 | 12.0 | 7.0  | 5.2  | 5.4  | 7.7  | 10.6 | 14.0 | 14.7 | 17.1 | 12.2  | 2                   |
| Temperatura<br>media        | 12.4 | 10.6 | 9.1  | 6.4  | 2.3  | -0.1 | 2.2  | 2.9  | 5.1  | 8.5  | 9.9  | 11.5 | 6.8   | 2                   |
| Temperatura<br>mínima media | 5.7  | 4.2  | 3.4  | 1.9  | -1.5 | -3.0 | -2.2 | -1.3 | 0.4  | 3.0  | 3.5  | 5.2  | 3.8   | 2                   |
| Humedad relativa            | 60   | 61   | 65   | 75   | 79   | 83   | 79   | 79   | 71   | 64   | 60   | 62   | 70    | 8                   |
| Precipitaciones             | 25.8 | 27.7 | 33.2 | 29.6 | 27.2 | 28.7 | 28.4 | 15.7 | 26.3 | 17.9 | 17.5 | 25.8 | 303.8 | 11                  |



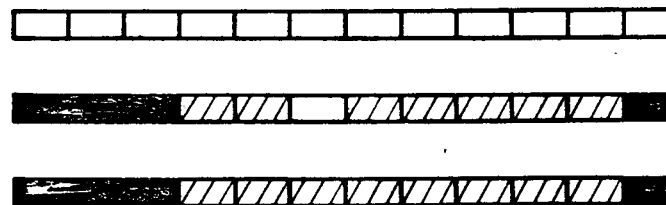
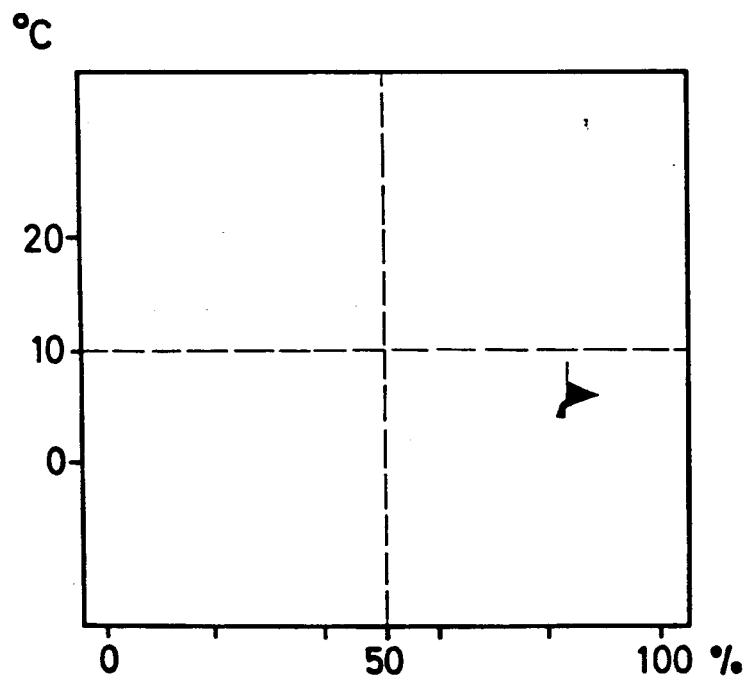
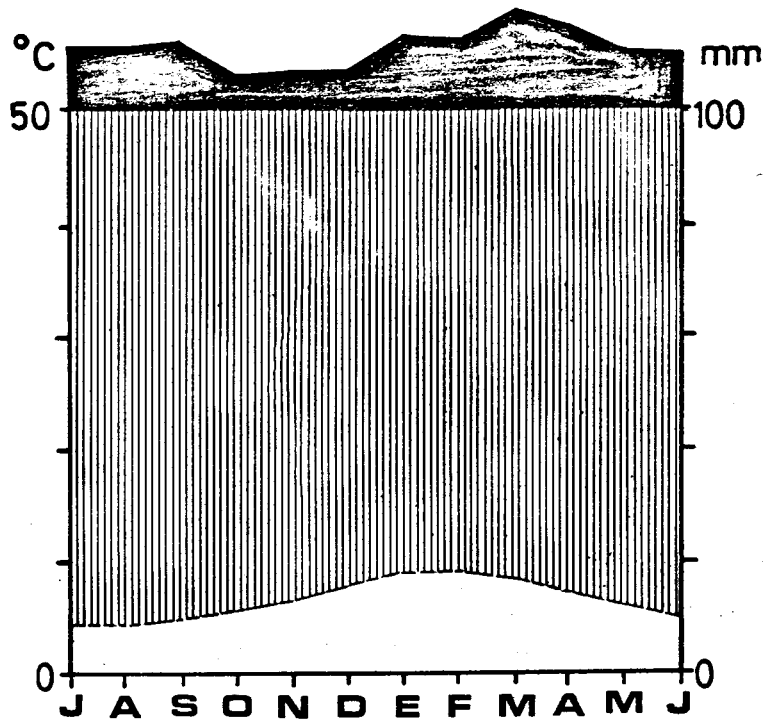
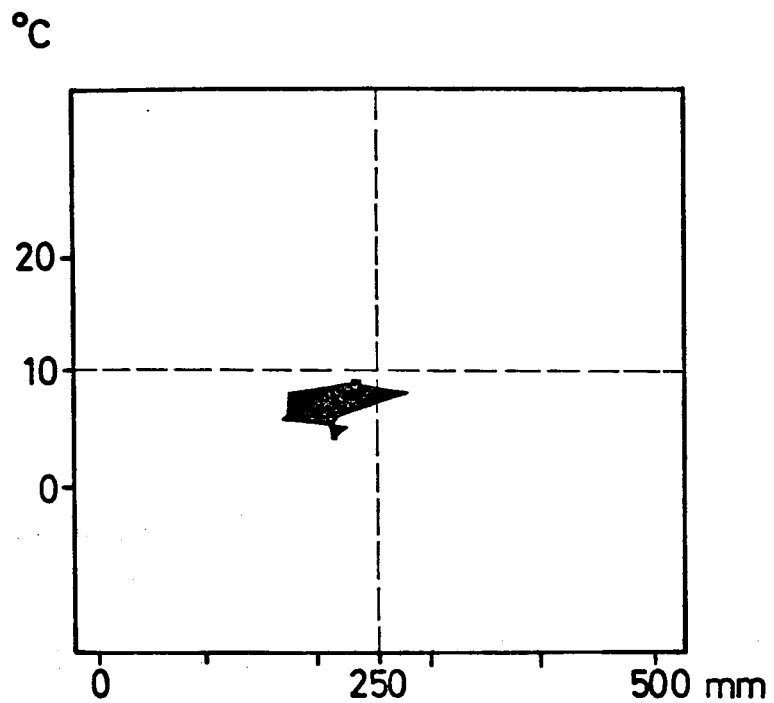
Puerto Bories 100

E V A N G E L I S T A S

101 .

LATITUD 52 ° 24 ' S  
LONGITUD 75 ° 06 ' W  
ALTITUD 55 m

|                             | ENE   | FEB   | MAR   | ABR   | MAY   | JUN   | JUL   | AGO   | SEP   | OCT   | NOV   | DIC   | Año     | Años<br>observación |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------------------|
| Temperatura<br>máxima media | 10.6  | 10.6  | 10.5  | 9.3   | 8.1   | 6.8   | 5.9   | 6.0   | 6.4   | 7.3   | 8.3   | 9.6   | 8.3     | 37                  |
| Temperatura<br>media        | 8.7   | 8.8   | 8.3   | 7.2   | 6.0   | 4.8   | 4.4   | 4.4   | 4.9   | 5.5   | 6.4   | 7.6   | 6.4     | 39                  |
| Temperatura<br>mínima media | 6.1   | 6.6   | 5.9   | 4.9   | 3.7   | 2.7   | 2.4   | 2.4   | 2.8   | 3.5   | 4.1   | 5.4   | 4.1     | 39                  |
| Humedad relativa            | 83    | 83    | 83    | 83    | 88    | 82    | 82    | 81    | 82    | 83    | 83    | 83    | 83      | 31                  |
| Precipitaciones             | 233.4 | 225.2 | 275.5 | 247.7 | 215.2 | 211.9 | 216.4 | 214.1 | 224.5 | 164.7 | 170.2 | 170.9 | 2.569.7 | 48                  |

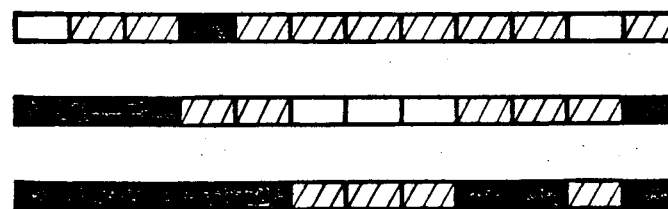
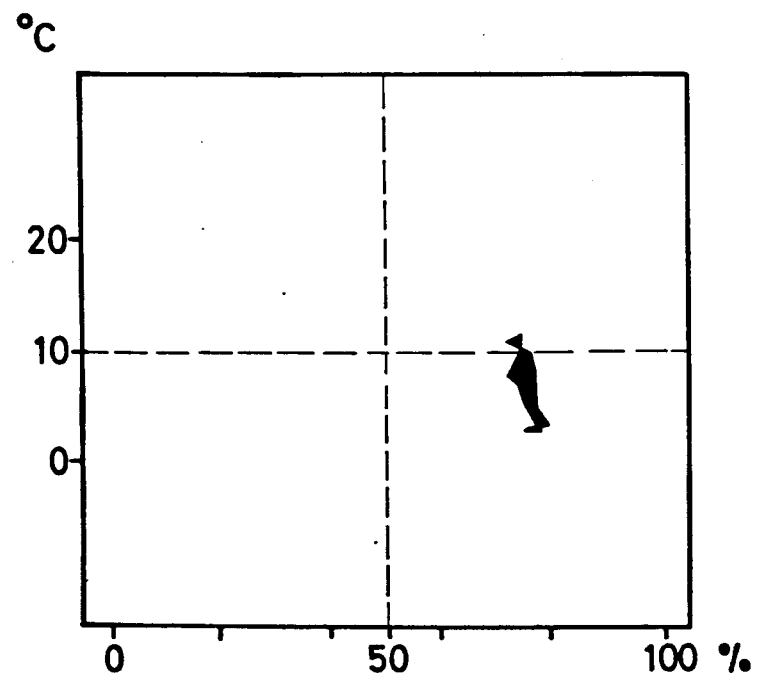
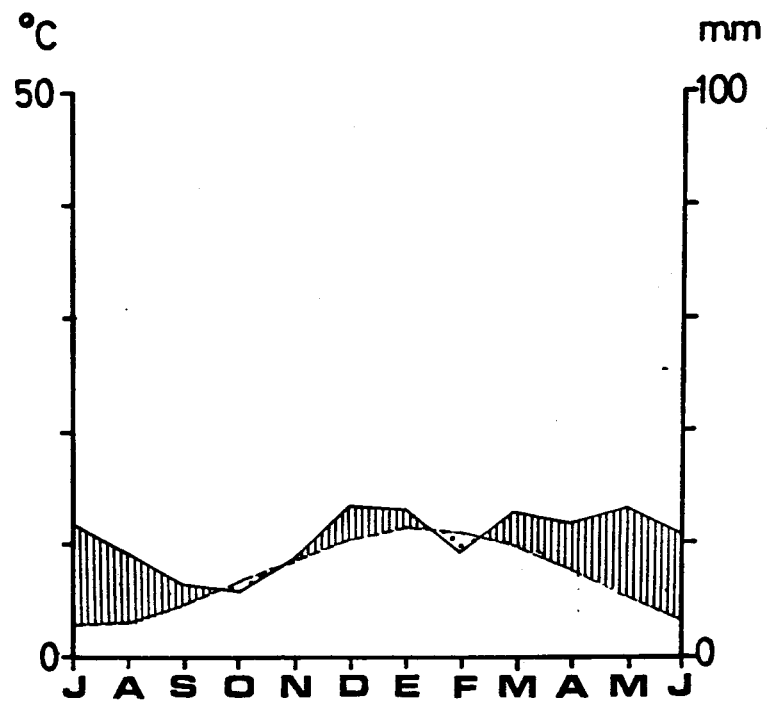
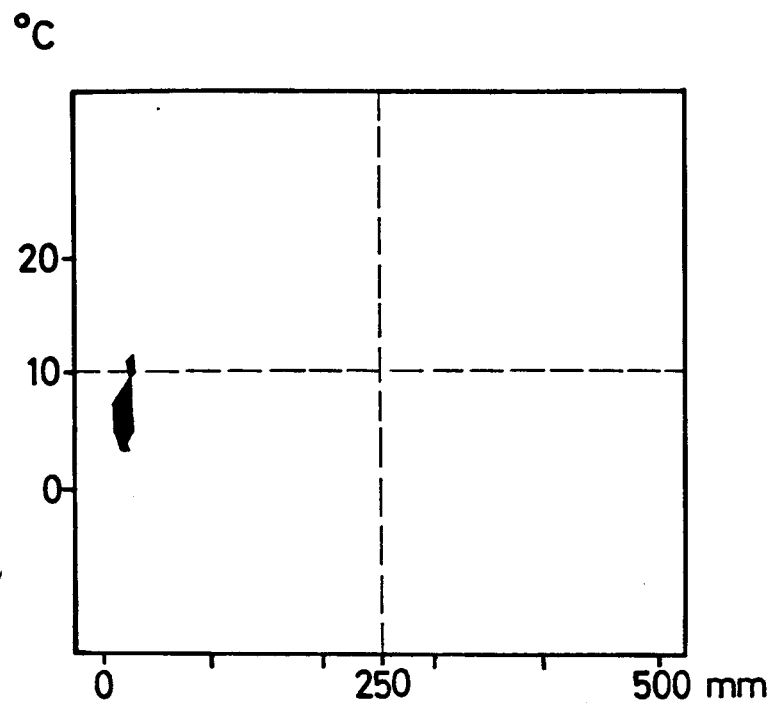


P U N T A      D U N G E N E S S

102.

LATITUD 52 ° 24 ' S  
LONGITUD 68 ° 26 ' W  
ALTITUD 5 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 15.2 | 14.9 | 13.4 | 10.7 | 7.9  | 5.9  | 5.1  | 5.5  | 7.3  | 10.3 | 12.0 | 14.0 | 10.2  | 39                  |
| Temperatura<br>media        | 11.5 | 11.2 | 9.9  | 7.7  | 5.2  | 3.5  | 2.8  | 3.0  | 4.5  | 6.7  | 8.3  | 10.3 | 7.1   | 39                  |
| Temperatura<br>mínima media | 7.7  | 7.4  | 6.4  | 4.6  | 2.4  | 1.1  | 0.5  | 0.8  | 1.8  | 3.5  | 4.8  | 6.5  | 4.0   | 39                  |
| Humedad relativa            | 74   | 72   | 76   | 77   | 77   | 79   | 75   | 78   | 76   | 74   | 72   | 74   | 75    | 29                  |
| Precipitaciones             | 26.4 | 18.6 | 25.3 | 24.0 | 26.5 | 21.9 | 23.0 | 18.5 | 13.0 | 11.9 | 17.7 | 27.0 | 253.8 | 48                  |

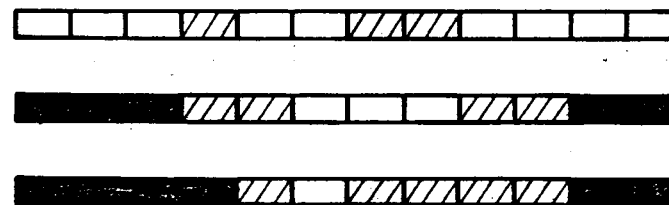
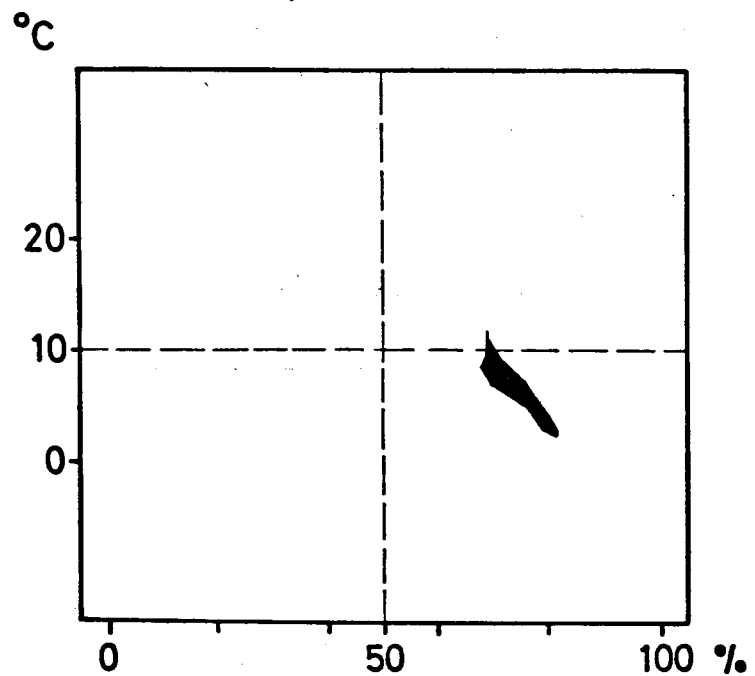
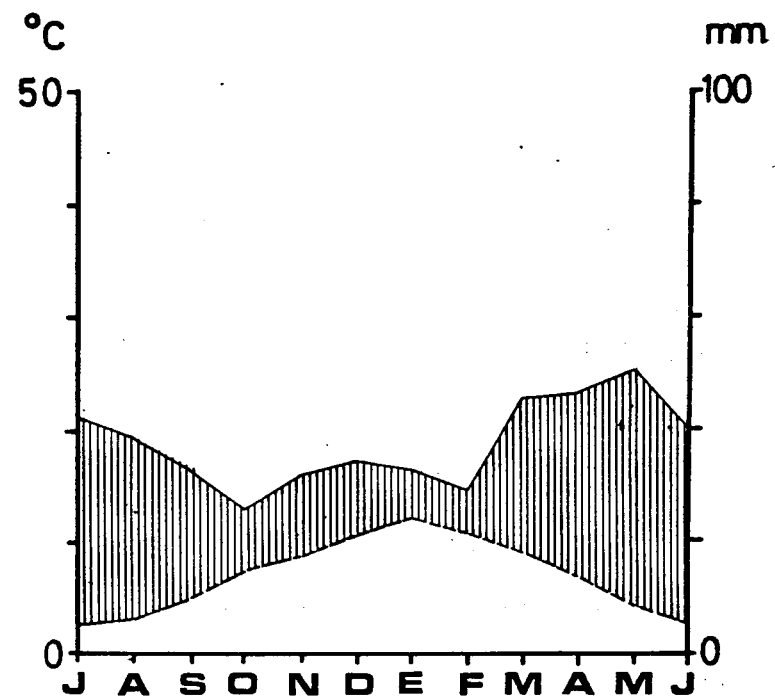
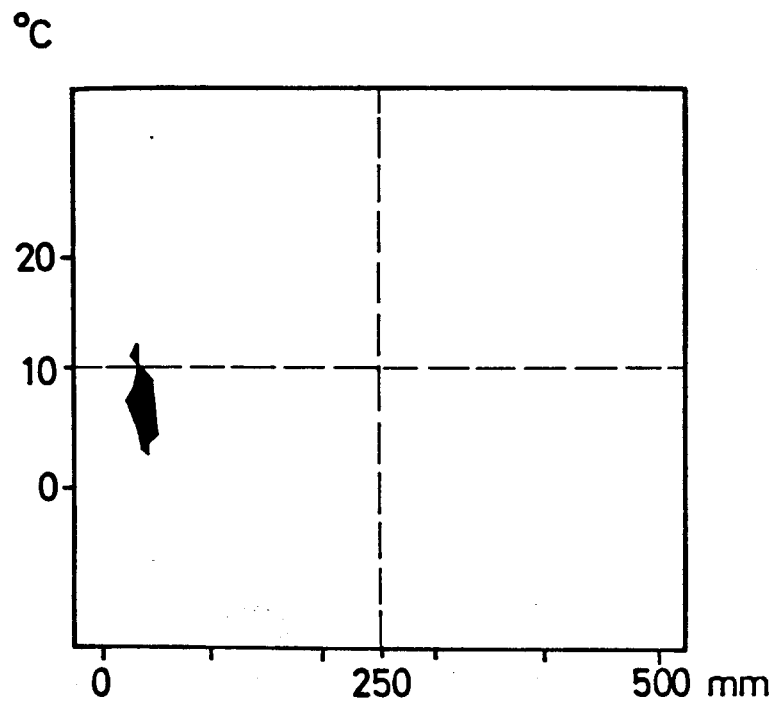


P U N T A      A R E N A S

103 .

LATITUD 53 ° 10 ' S  
LONGITUD 70 ° 54 ' W  
ALTITUD 8 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 15.2 | 14.8 | 12.8 | 9.9  | 6.7  | 4.8  | 4.5  | 5.5  | 7.9  | 11.0 | 12.3 | 14.2 | 10.0  | 39                  |
| Temperatura<br>media        | 11.7 | 10.6 | 8.9  | 6.7  | 4.2  | 2.6  | 2.5  | 2.9  | 4.6  | 7.1  | 8.5  | 10.2 | 6.7   | 39                  |
| Temperatura<br>mínima media | 6.9  | 6.5  | 5.4  | 3.6  | 1.5  | 0.2  | -0.3 | 0.3  | 1.7  | 3.3  | 4.4  | 6.0  | 3.3   | 39                  |
| Humedad relativa            | 69   | 69   | 72   | 76   | 80   | 81   | 81   | 79   | 76   | 70   | 68   | 69   | 74    | 39                  |
| Precipitaciones             | 32.8 | 29.0 | 45.1 | 46.3 | 50.3 | 40.2 | 41.3 | 38.4 | 32.9 | 25.5 | 31.7 | 34.0 | 447.5 | 48                  |



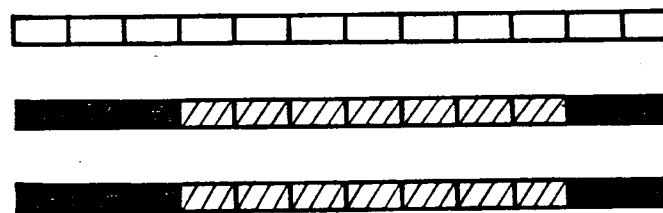
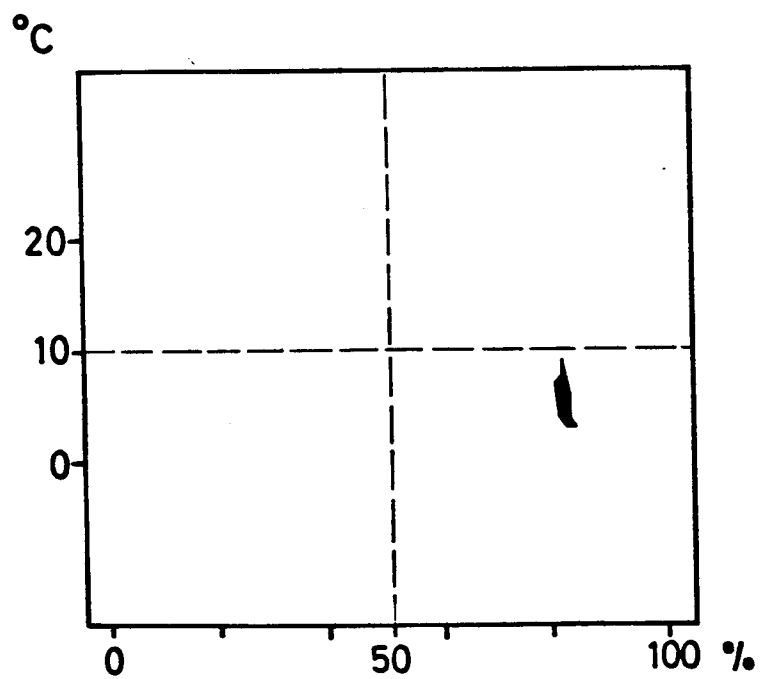
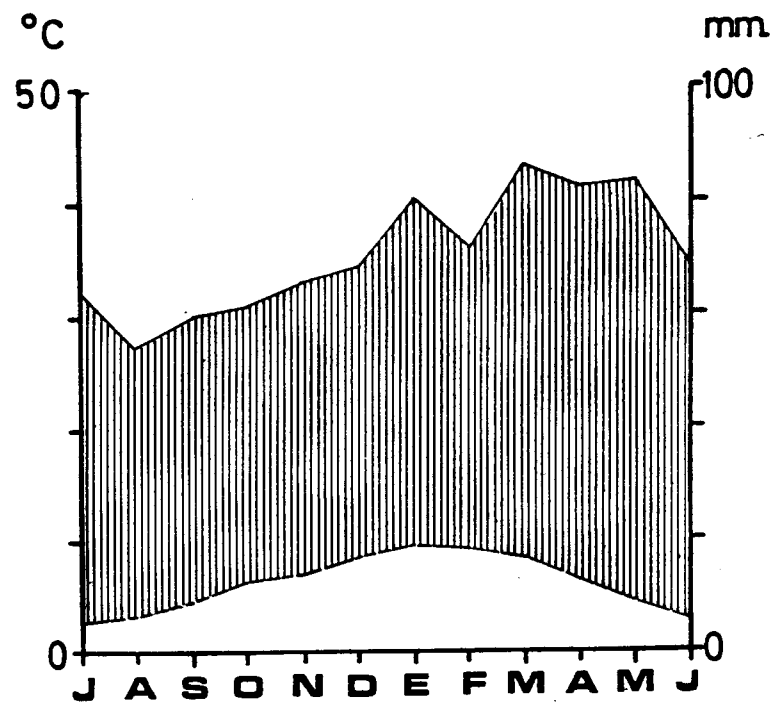
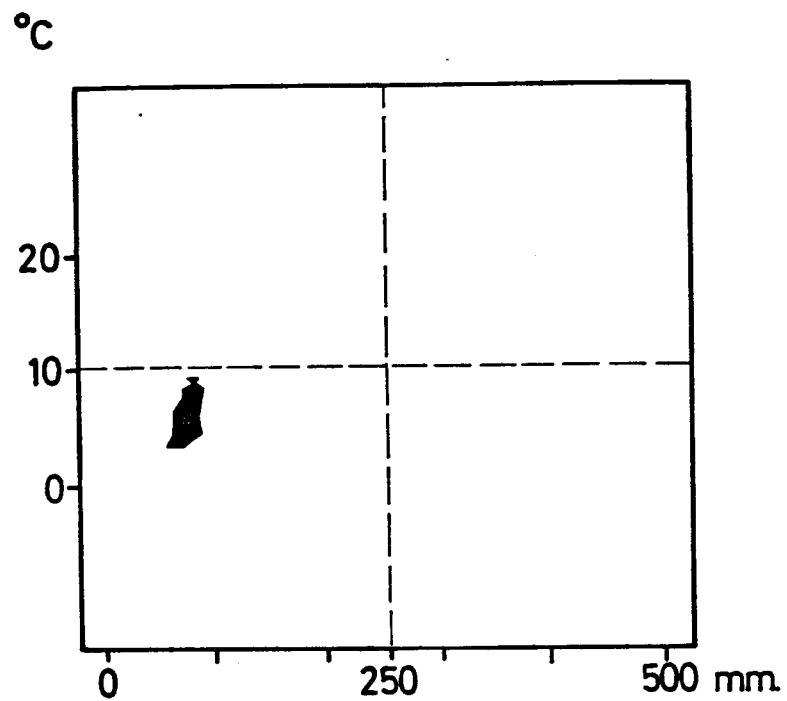
Punta Arenas 103

S A N I S I D R O

104.

LATITUD 53 ° 47 ' S  
LONGITUD 70 ° 58 ' W  
ALTITUD 20 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 12.4 | 12.2 | 10.7 | 8.9  | 6.5  | 4.8  | 4.6  | 5.2  | 6.8  | 9.2  | 10.1 | 11.7 | 8.6   | 38                  |
| Temperatura<br>media        | 9.3  | 9.0  | 8.1  | 6.2  | 4.3  | 2.9  | 2.6  | 3.1  | 4.3  | 6.1  | 7.1  | 8.3  | 5.9   | 38                  |
| Temperatura<br>mínima media | 5.5  | 5.6  | 4.5  | 3.4  | 1.7  | 0.3  | 0.1  | 0.8  | 1.6  | 2.9  | 3.5  | 4.7  | 2.9   | 38                  |
| Humedad relativa            | 81   | 81   | 81   | 82   | 82   | 83   | 83   | 82   | 81   | 80   | 80   | 81   | 81    | 30                  |
| Precipitaciones             | 80.6 | 71.8 | 86.4 | 82.4 | 83.7 | 69.4 | 63.9 | 54.5 | 59.8 | 61.6 | 66.0 | 68.4 | 848.5 | 38                  |



San Isidro 104

R I O      D O U G L A S

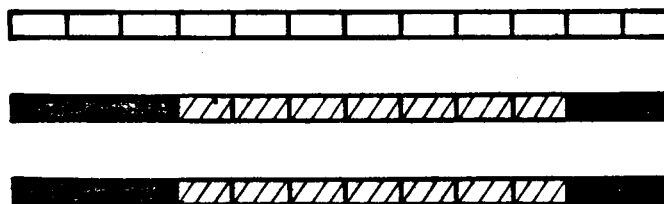
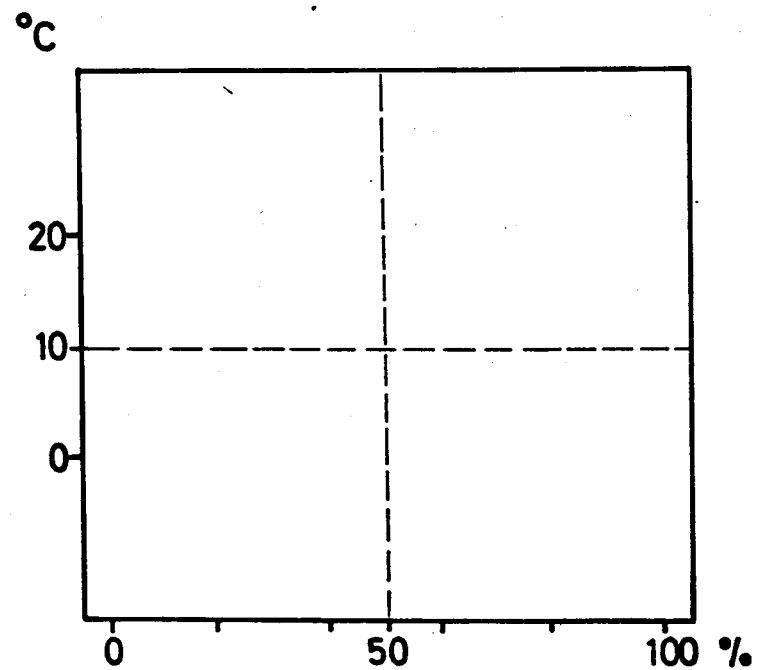
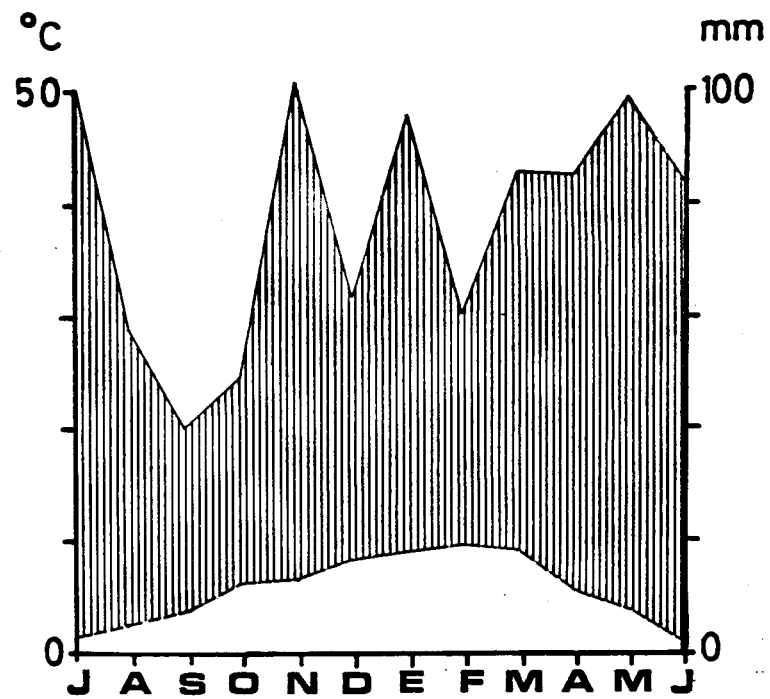
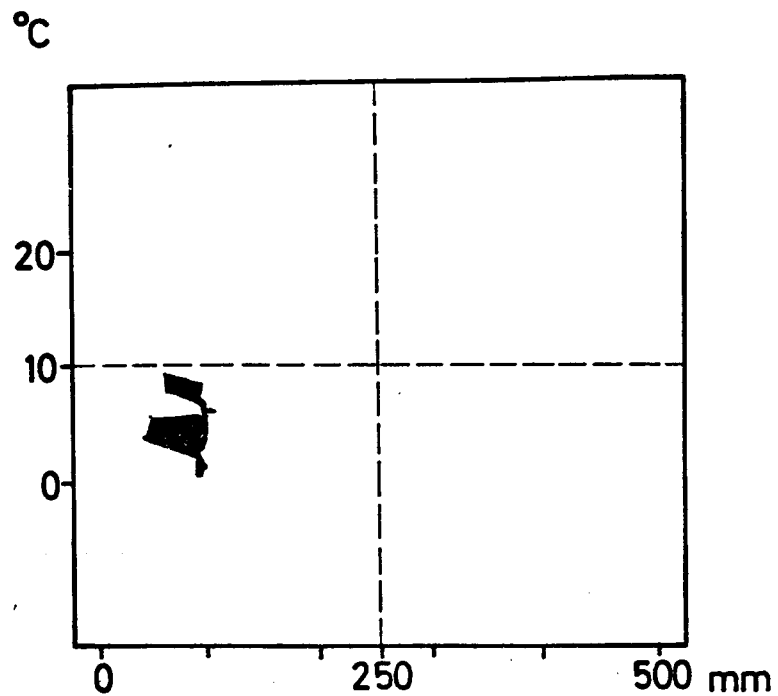
105.

LATITUD 55 ° 10 ' S

LONGITUD 68 ° 07 ' W

ALTITUD 5 m

|                             | ENE       | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV   | DIC  | Año   | Años<br>observación |
|-----------------------------|-----------|------|------|------|------|------|------|------|------|------|-------|------|-------|---------------------|
| Temperatura<br>máxima media | 13.2      | 13.7 | 12.9 | 8.9  | 6.7  | 3.6  | 4.2  | 6.0  | 7.5  | 10.4 | 10.4  | 12.5 | 9.2   | 3                   |
| Temperatura<br>media        | 8.9       | 9.4  | 9.0  | 5.5  | 3.6  | 0.8  | 1.5  | 2.5  | 3.8  | 6.1  | 6.5   | 8.3  | 5.5   | 3                   |
| Temperatura<br>mínima media | 4.7       | 5.0  | 4.3  | 1.6  | -0.1 | -2.5 | -1.6 | -1.2 | -0.2 | 1.5  | 2.3   | 3.9  | 1.5   | 3                   |
| Humedad relativa            | sin datos |      |      |      |      |      |      |      |      |      |       |      |       |                     |
| Precipitaciones             | 95.1      | 60.1 | 85.2 | 85.0 | 98.2 | 83.8 | 99.3 | 57.8 | 40.6 | 49.3 | 113.7 | 63.2 | 931.3 | 3                   |



Río Douglas 105

N A V A R I N O

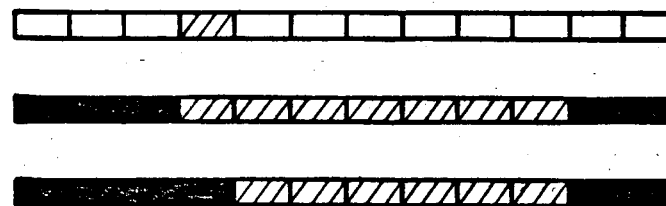
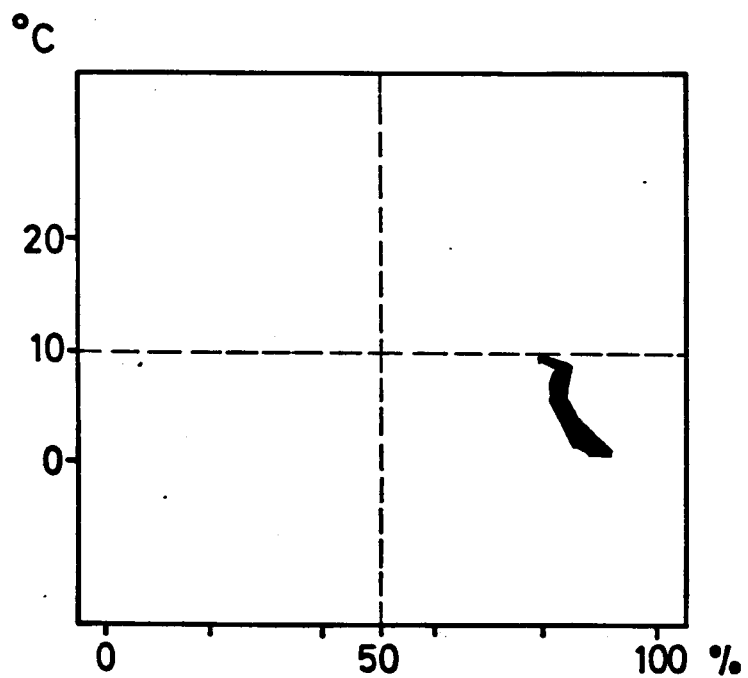
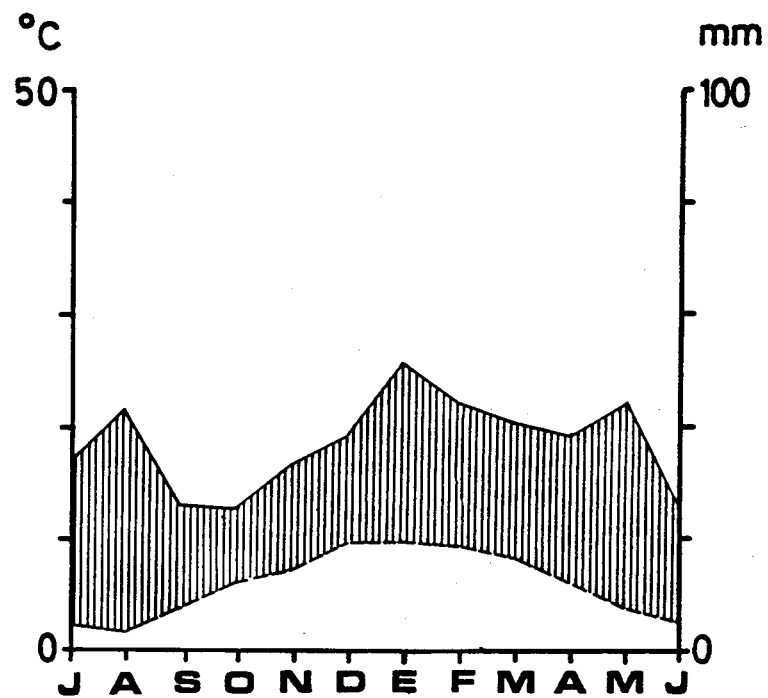
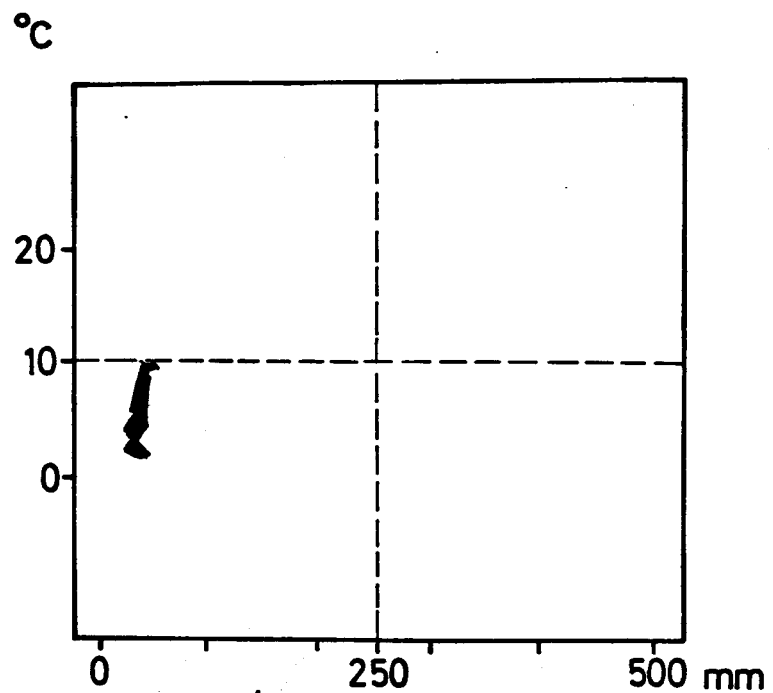
106 .

LATITUD 55 ° 10 ' S

LONGITUD 67 ° 30 ' W

ALTITUD 8 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN  | JUL  | AGO  | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 12.3 | 12.4 | 11.7 | 9.1  | 6.9  | 5.0  | 5.0  | 5.1  | 7.5  | 9.8  | 10.5 | 11.8 | 9.0   | 11                  |
| Temperatura<br>media        | 9.8  | 9.3  | 8.4  | 6.1  | 3.8  | 2.6  | 2.2  | 1.8  | 3.9  | 6.2  | 7.2  | 9.6  | 5.9   | 13                  |
| Temperatura<br>mínima media | 5.2  | 6.0  | 4.6  | 2.9  | 1.0  | -0.5 | 0.0  | -0.3 | 1.0  | 2.9  | 4.1  | 5.0  | 2.7   | 5                   |
| Humedad relativa            | 79   | 83   | 81   | 81   | 83   | 84   | 87   | 91   | 86   | 84   | 83   | 84   | 84    | 7                   |
| Precipitaciones             | 51.9 | 44.1 | 40.8 | 38.3 | 44.3 | 26.6 | 34.8 | 42.8 | 26.2 | 25.7 | 33.6 | 38.7 | 450.8 | 21                  |



Navarino 106

B A S E      A N T A R T I C A

107 .

" GABRIEL GONZALEZ VIDELA "

LATITUD 64 ° 49 ' S  
LONGITUD 62 ° 52 ' W  
ALTITUD 10 m

|                             | ENE  | FEB  | MAR  | ABR  | MAY  | JUN   | JUL   | AGO   | SEP  | OCT  | NOV  | DIC  | Año   | Años<br>observación |
|-----------------------------|------|------|------|------|------|-------|-------|-------|------|------|------|------|-------|---------------------|
| Temperatura<br>máxima media | 3.2  | 1.8  | 0.9  | -2.0 | -4.1 | -5.6  | -6.3  | -5.0  | -3.5 | -0.2 | 1.2  | 2.8  | 2.7   | 7                   |
| Temperatura<br>media        | 2.6  | 0.4  | -0.7 | -3.8 | -5.9 | -7.8  | -8.8  | -7.7  | -5.9 | -2.2 | -0.6 | 1.2  | -3.3  | 7                   |
| Temperatura<br>mínima media | -1.1 | -1.8 | -3.1 | -6.3 | -8.5 | -10.6 | -11.7 | -10.9 | -9.1 | -5.1 | -3.0 | -1.3 | -6.0  | 7                   |
| Humedad relativa            | 81   | 79   | 74   | 68   | 74   | 76    | 74    | 75    | 77   | 79   | 79   | 76   | 74    | 7                   |
| Precipitaciones             | 19.2 | 56.0 | 51.4 | 69.7 | 55.0 | 65.3  | 64.0  | 73.3  | 56.3 | 66.8 | 62.7 | 20.4 | 660.1 | 7                   |

