MINISTERIO DE AGRICULTURA

ANALES

DEL OBSERVATORIO NACIONAL METEOROLOGICO DE "LA AURORA"

NUMERO 2.-AÑO 1929

LIBRARY
JAN 2000
National Oceanic &
Atmospheric Administration
U.S. Dept. of Commerce

QC
986
.G9
A53
no.2
1929

LIBRARY
FEB 27 1936
WEATHER BUREAU

GUATEMALA, C. A.
SEPTIEMBRE DE 1930

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Environmental Data Rescue Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

Information Manufacturing Corporation
Imaging Subcontractor
Rocket Center, West Virginia
September 14, 1999

MINISTERIO DE AGRICULTURA

ANALES

DEL OBSERVATORIO NACIONAL METEOROLOGICO DE "LA AURORA"

NUMERO 2.-AÑO 1929

GUATEMALA, C. A.
SEPTIEMBRE DE 1930

E2207-6c50-9-30

IMPRESO EN LA TIPOGRAFIA NACIONAL. — GUATEMALA, CENTRO - AMERICA

Fachada del Observatorio

INDICE

	Cuadro No
Presión atmosférica reducida a 0° a las 7 horas	1
Presión atmosférica reducida a 0° a las 13 horas	2
Presión atmosférica reducida a 0° a las 19 horas	3
Presión atmosférica reducida a 0° media	4
Presión atmosférica media reducida al nivel del mar	5
Temperatura a la sombra a las 7 horas	6
Temperatura a la sombra a las 13 horas	7
Temperatura a la sombra a las 19 horas	8
Temperatura a la sombra media	9
Temperatura a la sombra máxima	10
Temperatura a la sombra mínima	11
Oscilación diaria de la temperatura a la sombra	12
Temperatura del subsuelo a 30 centímetros a las 7 horas	13
Temperatura del subsuelo a 30 centímetros a las 13 horas	14
Temperatura del subsuelo a 30 centímetros a las 19 horas	15
Temperatura del subsuelo a 30 centímetros media	46
Lluvia en milímetros	17
Temperatura del punto de rocío [Dew point] a las 7 horas	18
Temperatura del punto de rocío (Dew point) a las 13 horas	19
Temperatura del punto de rocío (Dew point) a las 19 horas	20
Temperatura del punto de rocío (Dew point) media	21
Tensión del vapor de agua atmosférico en milímetros a las 7 horas	22
Tensión del vapor de agua atmosférico en milímetros a las 13 horas	23
Tensión del vapor de agua atmosférico en milímetros a las 19 horas	24
Tensión del vapor de agua atmosférico en milímetros media	25
Porcentaje de humedad relativa a las 7 horas	26
Porcentaje de humedad relativa a las 13 horas	27
Porcentaje de humedad relativa a las 19 horas	28
Porcentaje de humedad relativa media	29
Peso de un metro ³ de vapor de agua en gramos a las 7 horas	30
Peso de un metro ³ de vapor de agua en gramos a las 13 horas	31
Peso de un metro ³ de vapor de agua en gramos a las 19 horas	32
Peso de un metro ³ de vapor de agua en gramos medio	33
Velocidad máxima del viento en metros por segundo	34
Dirección dominante del viento	35
Observaciones termopluviométricas hechas por don Adolfo Sologaistoa en Retalhuleu durante el año de 1929	36
Observaciones pluviométricas de algunas fincas correspondientes de la Dirección General de Agricultura durante los años de 1921 a 1929	37
Observaciones pluviométricas de algunas fincas correspondientes de la Dirección General de Agricultura durante el año de 1929	38
Observaciones pluviométricas de la finca "El Tambor" durante los años de 1916 a 1929 suministrados por don Alberto Bianchi	39

PREFACIO

Alentados por la benevolencia con que fué aceptado el primer número de los *Anales* de este Observatorio, publicamos el segundo número, similar al anterior, en el cual se encuentran anotadas las observaciones diarias correspondientes a las horas 7–13–19 y el promedio diario.

Todas las observaciones han sido hechas con puntualidad a las horas indicadas.

Quisiéramos poder presentar una obra completa respecto al estado climatológico del país; pero, como es fácil comprenderlo, hasta ahora estamos en los primeros trabajos estadísticos y no pueden establecerse los valores normales de los diferentes fenómenos antes de haber hecho observaciones durante un período de tiempo suficientemente grande para poder deducirlos; por lo tanto, este número corresponderá a la segunda recopilación de observaciones, que más tarde servirán para completar el estudio climatérico de la República.

Agradecemos las palabras de aliento que nos han enviado las diferentes Oficinas Meteorológicas extranjeras y los valiosos datos que, como canje, hemos recibido, y también estamos obligados a todas las personas que nos han ayudado para efectuar este pequeño trabajo.

NOTAS PRELIMINARES

OBSERVATORIO NACIONAL METEOROLOGICO DE "LA AURORA"

Posición Geográfica: L: 14° 34′ 28″ N. — l: 90° 31′ 57″ W. G. h. 1494 mets.

HORAS DE OBSERVACION:

A las 7h-13h-y 19h [hora de Guatemala merid. 90° WG].

OBSERVACIONES DEL BAROMETRO:

Todas las observaciones están corregidas de capilaridad, reducidas a 0° y expresadas en milímetros.

Las observaciones medias están reducidas al nivel del mar, tomando el valor de la temperatura del promedio de las tres observaciones y dando a H el valor de 0.7604 correspondiente a nuestra latitud.

TERMOMETRO:

Se expresa la temperatura en grados, centígrados y décimas.

PSICROMETRO:

Los datos de punto de rocío, tensión del vapor de agua, peso de un metro cúbico del vapor de agua y humedad relativa están calculados de las observaciones psicrométricas.

ANEMOMETRO:

Se anota la dirección dominante del viento determinada por la frecuencia con que se ha observado dicha dirección a las 7–13 y 19 hs.

La velocidad se expresa en metros por segundo y corresponde a la velocidad máxima del propio día contado de 0h a 24h.

PLUVIOMETRO:

Se cuentan como días de lluvia los que tienen de 0.1 m.m. para arriba y como días de lluvia inapreciable los que tienen menos de 0.1 m.m.

Los días marcados con 0 en los datos suministrados por las fincas indican que no hubo lluvia y los marcados con ..... , que no se recibieron datos.

NOTAS:—Altura de la cubeta del barómetro de Fortín sobre el nivel del piso del Observatorio: 0.92 metros.
Altura del anemómetro sobre el piso del Observatorio: 13.23 metros.
Altura del pluviómetro sobre el piso del Observatorio: 1.50 metros.

Cuadro 1

PRESION ATMOSFERICA REDUCIDA A 0° C., A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	641.0	641.5	639.6	640.7	641.2	641.0	641.2	640.8	640.5	640.6	639.2	640.4
2	642.0	641.6	640.4	641.8	641.2	640.5	641.2	641.4	640.2	640.5	638.7	640.2
3	641.4	641.4	639.5	642.8	641.4	640 4	641.0	641.3	640.6	640.5	639.7	641.4
4	641.9	641.4	640.5	642.8	641.5	641.1	641.1	641.4	640.8	640.6	640.3	643.0
5	640.9	640.6	641.8	640.9	640 4	640.0	641.7	641.9	640.5	641.0	640.2	643.5
6	640.9	639.3	641.6	641.2	641.5	640.1	641.6	641.7	639.6	641.1	640.4	643.2
7	641.8	639.7	640.3	640.8	642.2	640.3	641.3	641.3	639.9	640.7	640.5	640.7
8	641.8	640.2	640.5	641.1	642.5	640.5	641.0	641.5	639.9	640.2	640.5	640.9
9	641.6	640.6	641.4	640.3	642.1	641.0	640.9	641.3	639.6	640.3	640.3	641.6
10	640.3	641.6	641.6	639.5	642.0	640.2	640.7	641.4	639.5	639.9	640.8	642.1
11	640.7	642.3	641.8	639.6	641.4	640.2	641.0	640.9	639.7	639.7	640.9	640.8
12	641.7	641.9	640.7	640.1	640.7	640.4	640,5	640.6	640 1	639.5	640.5	640.6
13	641.8	641.9	640.6	640.1	640.2	641.4	641.3	641.0	640.2	639.0	640.3	641.5
14	641.6	641.4	640.5	640.3	640.6	641.3	641.4	641.4	638.5	638.7	640.2	641.2
15	640.8	640.8	640.5	639.3	641.0	641.1	642.3	641.0	635.6	639.0	640.5	640.9
16	639.4	640.2	641.3	640.5	641.9	640.0	642.5	640 7	638.5	639.3	640.7	640.5
17	639.8	640.6	640.5	639.9	642.0	640.4	641.7	641.3	640.1	638.4	640.4	640.5
18	639.8	640.7	641.3	641.1	641.0	640.1	641.0	641.5	639.5	639.0	640.4	639.8
19	640.5	640.2	641.4	641.4	640.6	639.8	640.6	641.1	639.0	638.9	641.0	640.3
20	640.4	639.8	640.7	641.2	641.3	639.6	641.0	641.4	638.8	638.9	641.3	641.1
21	640.8	640.4	640.3	640.2	641.0	639.0	641.1	641.6	638.7	640.1	641.3	641.7
22	640.7	641.5	641.1	641.4	641.1	639.2	641.2	641.8	638.5	641.0	641.0	641.4
23	639.8	641.5	641.3	641.5	640.8	640.4	641.6	641.4	639.7	641.6	641.2	641.1
24	639.6	640.6	641.4	641.2	640.9	640.7	641.7	640.1	640.4	641.6	640.6	642.7
25	640.6	639.6	640.7	640.8	640.5	640.7	642.0	640.4	640.2	641.5	640.4	643.1
26	640.2	639.6	640.6	641.0	639.1	640.2	642.0	640.4	640.6	640.9	640.6	642.1
27	639.3	639 8	640.6	641.3	639.4	640.2	641.8	640.6	640.7	640.6	640.8	641.0
28	639.2	639.8	641.3	641.3	639.8	640.4	641.6	640.1	640.4	640.0	640.4	641.3
29	640.9		641.3	641.3	639.7	640.7	641.3	640.0	640.3	639.2	640.6	642.2
30	640.8		641.1	641.0	640.2	641.3	640.4	640.6	640.6	639.2	640.7	641,6
31	640.4		641.0		640.3		640.6	641.2		639.3		641.3

Cuadro 2

PRESION ATMOSFERICA REDUCIDA A 0° C., A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	641.0	641.2	639.0	640.2	640.0	640.4	641.3	640.9	639.9	639.8	638.1	639.3
2	641.1	641.2	639.4	641.4	640.5	640.2	641.2	640.8	639.7	639.8	638.5	640.1
3	641.5	641.1	638.9	642.3	641.1	640.2	640.4	640.8	640.1	639.9	639.1	641.1
4	640.3	640.3	639.6	642.3	640.1	639.9	640.4	641.4	640.1	639.9	639.9	642.4
5	639.5	639.1	641.7	640.6	640.2	639.4	641.3	641.6	639.4	640.9	639.9	642.2
6	640.8	639.0	641.3	640.2	640.7	639.4	641.3	641.2	639.0	640.8	639.5	641.1
7	641.1	639.1	639.6	640.0	641.7	639.7	640.9	641.0	639.5	640.1	639.8	639.8
8	641.3	639.6	639.9	640.7	641.8	639.9	640.9	641.1	639.4	639.6	639.9	640.4
9	640.4	639.4	640.0	639.3	641.4	640.7	640.9	641.0	639.2	639.6	639.9	641.2
10	639.6	641.6	641.9	639.0	641.4	639.6	640.4	640.8	639.2	639.1	640.2	640.8
11	640.5	641.6	640.4	638.4	640.8	639.5	640.7	640.9	639.0	638.7	639.9	639.8
12	640.8	641.3	640.3	638.6	640.2	639.9	640.8	640.1	639.6	638.9	639.4	640.1
13	641.6	641.1	640.1	639.2	639.3	640.7	641.0	640.4	638.9	638.2	640.2	640.9
14	640.2	640.9	639.4	638.9	640.6	640.8	641.2	640.9	637.4	638.0	639.7	640.8
15	639.3	640.0	640.2	638.6	640.4	640.1	642.4	640.9	636.0	638.3	639.9	640.0
16	639.4	639.6	640.3	639.6	641.3	639.9	642.4	640.6	639.2	638.4	639.6	639.5
17	640.1	640.0	640.1	639.3	640.7	640.2	641.3	641.6	639.6	638.0	639.4	639.4
18	639.3	639.5	641.2	640.1	639.8	639.8	640.0	641.2	638.5	638.4	640.0	638.5
19	640.1	639.5	640.3	640.7	639.2	639.2	640.0	641.1	638.3	638.6	640.6	640.1
20	640.6	638.5	639 3	640.4	640.6	638.7	640.3	640.6	638.1	638.6	640.7	641.1
21	641.2	639.9	639.4	639.3	640.5	639.6	641.3	640.3	638.0	639.4	640.4	640.7
22	639.5	641.3	640.2	640.0	640.4	639.3	641.1	640.7	638.4	640.2	640.5	639.8
23	639.2	641.4	639.9	641.0	640.6	640.2	641.0	640.2	639.4	641.0	640.3	640.7
24	638.4	639.7	640.4	640.2	640.4	640.9	641.9	640.1	639.6	640.6	640.2	641.8
25	639.4	638.5	639.7	639.3	639.5	640.3	642.0	640.4	640,1	640.4	639.9	642.2
26	639.3	639.2	639.4	640.2	639.3	639.9	642.1	640.4	640,0	640.5	640.2	641.3
27	638.9	639.4	639.8	640.7	639.3	638.8	641.4	640.0	639.9	639.8	640.0	640.7
28	639.4	638.3	640.4	640.5	639.4	640.0	641.5	639.2	639.4	638.9	639.8	641.2
29	639.5		640.2	640.5	639.2	640.5	640.9	639.2	639.1	638.6	639.7	641.1
30	639.6		640.2	639.7	639.4	641.4	640.0	640.0	639.4	638.2	640.2	641.2
31	639.6		639.5		639.4		640.6	640.4		638.1		640.5

Cuadro 3

PRESION ATMOSFERICA REDUCIDA A 0° C., A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	641.0	641.2	639.3	640.1	640.2	640.3	640.9	640.9	639.7	639.9	638.6	639.5
2	640.6	641.3	639.1	641.9	640.8	640.9	640.5	641.1	640.0	640.0	638.9	640.6
3	641.2	641.3	639.1	642.4	640.9	640.6	639.9	641.2	639.9	640.0	639.6	641.7
4	639.9	640.1	640.1	641.5	640.2	640.1	640.4	641.0	639.8	640.3	639.9	643.2
5	639.7	639.8	642.3	640.2	639.9	639.3	641.0	641.3	639.4	640.5	639.8	642.5
6	640.6	639.7	640.5	640.0	641.0	639.3	641.3	641.0	639.6	640.6	639.9	641.3
7	641.6	639.4	639.4	640.4	641.5	640.1	640.1	640.8	639.1	640.3	639.6	640.2
8	642.0	639.5	639.8	640.2	641.2	640.4	641.0	640.8	639.0	639.4	640.0	640.2
9	639.7	640.0	640.4	639.0	641.1	640.1	641.2	640.5	639.2	639.5	640.4	641.8
10	639.3	640.7	640.7	639.4	641.0	639.8	640.3	640.5	639.4	639.0	640.5	641.2
11	640.1	641.6	639.9	639.0	640.5	639.1	640.3	640.3	639.3	639.0	640.1	640.2
12	640.9	641.5	639.5	639.9	639.7	640.4	640.8	640.0	638.9	638.9	639.6	640.6
13	641.3	640.6	640.0	639.3	639.2	641.3	641.0	640.3	638.5	638.5	639.6	641.2
14	639.4	640.1	639.6	639.0	640.8	640.6	641.4	640.3	637.5	638.9	639.5	640.7
15	639.4	639.5	640.5	638.9	641.2	639.5	641.8	640.3	637.9	639.1	639.8	640.2
16	639.6	639.6	640.6	639.1	640.9	639.6	641.9	640.3	639.3	638.9	640.1	640.0
17	640.2	640.0	640.3	639.8	640.4	639.8	641.1	640.7	639.3	638.4	640.0	638.9
18	639.4	639.6	640.4	640.3	639.6	639.3	640.1	640.8	638.7	638.2	640.7	639.0
19	640.3	639.4	639.7	640.8	639.6	639.3	640.3	640.4	639.6	638.4	641.0	641.2
20	641.1	639.2	639.2	640.1	639.8	638.8	640.2	641.2	638.4	639.2	641.2	641.3
21	640.5	639.9	639.6	640.0	640.3	639.1	641.1	641.2	638.1	639.6	640.7	641.0
22	639.3	641.6	640.4	640.2	640.1	639.5	640.6	640.4	638.6	640.8	640.8	640.2
23	638.7	640.6	640.2	640.7	640.2	640.2	640.9	640.1	639.5	641.3	640.5	641.5
24	639.2	638.7	640.2	640.1	639.6	641.1	642.0	649.8	639.5	641.2	640.3	642.1
25	639.3	638.5	639.9	639.4	639.2	640.1	641.6	640.2	640.4	640.4	640.2	642.1
26	639.1	639.3	639.3	640.1	638.4	639.4	641.6	640.1	639.5	640.7	640.3	641.7
27	639.1	638.6	640.1	640.1	639.1	640.1	641.2	640.1	640.1	639.7	640.1	641.0
28	640.0	638.6	640.2	640.4	639.2	640.2	641 2	639.4	639.3	638.8	640.4	641.2
29	640.2		640.5	640.4	639.5	641.3	640.5	639.6	640.1	638.6	640.3	640.7
30	639.7		639.8	639.7	639.5	641.1	640.2	640.3	640.3	638.4	640.5	641.3
31	639.6		639.9		640.1		640.5	640.1		638.5		640.5

Cuadro 4

PRESION ATMOSFERICA REDUCIDA A 0° C., MEDIA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	641.0	641.3	639.3	640.3	640.5	640.6	641.1	640.9	640.0	640.1	638.6	639.7
2	641.2	641.4	639.6	641.7	640.8	640.5	641.0	641.1	640.0	640.1	638.7	640.3
3	641.4	641.3	639.2	642.5	641.1	640.4	640.4	641.1	640.2	640.1	639.5	641.4
4	640.7	640.6	640.1	642.2	640.6	640.4	640.6	641.3	640.2	640.3	640.0	642.9
5	640.0	639.8	641.9	640.6	640.2	639.6	641.3	641.6	639.8	640.8	640.0	642.7
6	640.8	639.3	641.1	640.5	641.1	639.6	641.4	641.3	639.1	640.8	639.9	641 9
7	641.5	639.4	639.8	640.4	641.8	640.0	640.8	641.0	639.5	640.4	640.0	640.2
8	641.7	639.8	640.1	640.7	641.8	640.3	641.0	641.1	639.4	639.7	640.1	640.5
9	640 6	640.0	640.6	639.5	641.5	640.6	641.0	640.9	639.3	639.8	640.2	641.5
10	639.7	641.3	641.4	639.3	641.5	639.9	640.5	640.9	639.4	639.3	640.5	641.4
11	640.4	641 8	640.7	639.0	640.9	639.6	640.7	640.7	639.3	639.1	640.3	640.3
12	641.1	641.6	640.2	639.5	640.2	640.2	640.7	640.2	639.5	639.1	639.8	640.4
13	641.6	641.2	640.2	639.5	639.6	641.1	641.1	640.6	639.6	638.6	640.0	641.2
14	640.4	640.8	639.8	639.4	640.7	640.9	641.3	640.9	637.8	638.5	639.8	640.5
15	639.8	640.1	640.4	638.9	640.9	640.2	642.2	640.7	636.6	638.8	640.1	640.4
16	639.5	639.8	640.7	639.7	641.4	639.8	642.3	640.5	639.0	638.9	640.1	640.0
17	640.0	640.2	640.3	639.7	641.0	640.1	641.4	641.2	639.7	638.3	639.9	639.6
18	639.5	639.9	641.0	640.5	640.1	639.7	640.4	641.2	638.9	638.5	640.4	639.1
19	640.3	639.7	640.5	641.0	639.8	639.4	640.3	640.9	639.0	638.6	640.9	640.5
20	640.7	639.2	639.7	640.6	640.6	639.0	640.5	641.1	638.4	638.9	641.1	641.2
21	640.8	640.1	639.8	639.8	640.6	639.2	641.2	641.0	638.3	639.7	640.8	641.1
22	639.8	641.5	640.6	640.5	640.5	639.3	641.0	641.0	638.5	640.7	640.8	640.5
23	639.2	641.2	640.5	641.1	640.5	640.3	641.2	640.6	639.5	641.3	640.7	641.1
24	639.1	639.7	640.7	640.5	640.3	640.9	641.9	640.0	639.8	641.1	640.4	642.2
25	639.8	638.9	640.1	639.8	639.7	640 4	641.9	640.3	640.2	640.8	640.2	642.5
26	639.5	639.4	639.8	640.4	638.9	639.8	641.9	640.3	640.0	640.7	640.4	641.7
27	639.1	639.3	640.2	640.7	639.3	639.7	641.5	640.2	640.2	640.0	640.3	640.9
28	639.5	638.9	640.6	640.7	639.5	640.2	641.4	639.6	639.7	639.2	640.2	641.2
29	640.2		640.7	640.7	639.5	640.8	640.9	639.6	639.8	638.8	640.2	641.3
30	640.0		640.4	640.1	639.7	641.3	640.2	640.3	640.1	638.6	640.5	641.4
31	639.9		639.9		639.9		640.6	640.5		638.6		640.8

Cuadro 5

PRESION ATMOSFERICA MEDIA REDUCIDA AL NIVEL DEL MAR

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	761.7	762.5	759.4	759.6	760.0	761.0	761.5	761.3	760.2	760.0	758.9	760.1
2	762.3	762.6	759 6	761.6	760.5	760.9	761.2	761.8	760.1	760.3	759.3	761.1
3	762.2	762.0	759.9	763.1	760.3	760.4	760.3	761.8	759.8	760.5	759.9	762.2
4	761.1	761.2	760.5	763.2	760.0	760.0	761.6	761.5	760 6	760.6	760.6	764.0
5	760.6	760.8	762.9	760.8	760.0	759.2	761.4	761.7	759.5	761.1	760.4	764.5
6	761.7	760.4	762.6	762.6	760.7	759.6	761.6	761.3	759.3	761.2	760.0	763.1
7	762.6	759.9	761.0	760.4	761.3	760.1	761.1	761.3	759.6	760.9	760.5	761.0
8	762.5	760.4	760.5	760.9	761.3	759.9	761.1	761.0	760.0	760.2	760.5	761.1
9	761.3	760.9	760.8	759.2	761.3	760.4	761.1	761.1	759.3	760.8	760.8	762.4
10	760.0	762.3	762.2	759.3	761.4	760.0	760.7	761.1	760.4	759.9	760.9	762.6
11	760.5	762.7	760.8	758.4	760.2	759.7	760.9	760.9	760.2	759.2	760.9	761.5
12	761.8	762.0	760.3	758.6	759.6	760.5	760.8	760.6	759.9	759.2	760.4	761.3
13	763.1	762.1	760.5	759.1	758.8	761.6	761.1	761.3	759.9	759.0	760.2	762.4
14	761.6	761.5	759.8	758.9	760.7	761.0	761.9	761.1	758.7	758.9	760.2	762.0
15	760.1	761.0	760.7	758.4	760.5	760.4	762.6	761.6	758.0	759.1	761.0	761.5
16	759.9	760.0	760.8	758.8	761.8	760.6	762.5	760.7	760.2	759.2	761.0	761.1
17	759.8	760.6	760.1	759.3	761.3	760.9	761.5	761.4	760.8	758.6	760.8	760.4
18	760.2	759.8	761.4	760.1	760.1	760.6	760.4	761.4	759.7	758.9	761.6	759.8
19	760.6	759.9	760.4	760.6	759.8	759.8	760.4	761.1	759.8	759.0	762.1	761.7
20	761.6	759.4	759.6	760.2	760.8	759.2	760.7	761.3	758.9	759.5	761.8	762.7
21	761.9	760.1	759.9	759.6	760.7	759.8	762.1	761.1	759.1	760.4	761.6	762.0
22	760.8	761.6	760.5	759.6	760.9	760.3	761.2	761.1	759.3	762.1	761.3	761.7
23	760.0	761.8	759.3	759.8	760.9	761.1	761.3	760.5	760.1	762.9	761.3	762.6
24	759.6	760.9	760.2	759.7	761.0	761.5	761.9	760.1	760.4	762.3	760.7	764.2
25	759.7	759.7	759.5	759.0	761.1	760.9	761.9	761.2	760.7	761.8	760.9	764.4
26	759.7	760.4	759.5	759.8	759.5	760.2	762.5	761.3	760.2	761.4	761.0	763.4
27	759.8	760.4	760.1	760.4	759.7	760.5	761.9	760.4	760.0	761.0	761.1	762.0
28	759.9	759.1	760.6	760.1	759.8	760.6	761.8	760.2	759.9	760.5	760.9	762.4
29	761.6		761.0	759.8	759.9	761.6	761.3	759.5	760.2	759.7	761.0	762.3
30	761.6		760.5	759.3	759.8	761.6	760.7	760.0	760.5	759.3	761.3	762.8
31	761.2		759.9		759.6		761.4	760.3		758.8		762.2

Cuadro 6

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, A LAS 7 H.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	15.5	13.5	16.0	17.5	18.5	17.0	16.5	16.0	16.5	17.5	17.0	15.0
2	14.8	13.0	17.5	16.0	16.5	15.5	17.0	16.0	17.0	17.0	15.5	16.5
3	15.0	14.0	12.0	16.0	19.5	17.5	17.6	16.5	18.0	16.5	16.0	15.5
4	14.7	14.5	16.0	14.5	16.5	18.0	15.5	16.0	18.5	16.5	16.0	15.0
5	12.8	13.0	16.5	15.0	17.0	18.5	17.0	17.0	18.0	16.5	16.5	13.0
6	15.5	13.0	11.0	15.0	18.5	17.5	16.5	17.5	18.0	16.0	16.5	13.0
7	15.0	14.0	10.5	15.0	16.5	18.0	16.0	17.0	17.0	16.5	16.5	13.5
8	15.5	15.0	15.0	16.0	17.5	19.5	17.0	17.5	17.0	16.5	16.0	15.0
9	16.0	13.0	15.5	17.5	16.5	18.5	17.0	16.5	18.0	15.5	17.0	15.0
10	14.0	15.0	16.0	17.0	16.0	16.5	16.5	16.0	16.0	15.0	17.0	14.5
11	16.0	15.0	15.0	18.0	17.5	16.5	17.0	16.0	17.0	16.0	16.0	14.0
12	15.5	13.0	17.0	19.0	18.0	17.5	17.0	16.5	17.0	17.0	16.0	13.5
13	12.0	14.0	16.0	18.5	19.0	16.5	17.0	16.5	16.0	17.0	15.0	14.0
14	14.0	13.0	19.0	18.0	17.5	17.5	15.0	15.5	17.5	18.0	16.5	14.5
15	14.0	13.0	16.0	17.5	17.5	17.5	16.0	16.0	16.0	17.0	15.0	14.0
16	14.0	14.0	14.5	18.5	16.5	17.0	17.0	16.5	16.5	18.0	15.0	13.5
17	14.0	15 0	16.5	18.0	17 5	16.5	16.5	16.5	15.5	16.5	15.0	14.0
18	12.0	14.0	18.0	19.5	17.5	16.5	17.5	16.5	15.0	16.0	14.0	14.0
19	15.0	14.5	17.5	18.0	17.5	17.0	17.0	16.5	17.0	15.5	14.0	15.0
20	14.0	13.0	17.0	17.5	17.5	17.0	15.5	17.5	16.0	14.5	15.0	12.5
21	13.0	13.0	16.5	14.5	17.5	17.0	14.5	17.0	17.0	16.0	15.5	14.5
22	14.0	16.0	16.0	17.0	17.5	17.0	17.5	16.5	17.0	15.0	16.0	13.5
23	12.0	16.0	18.5	18.5	17.5	16.0	17.0	17.0	17.0	13.5	15.5	13.5
24	15.0	11.0	17.5	17.0	18.0	16.5	17.0	17.5	16.5	14.5	16.5	11.5
25	14.0	13.0	17 0	17.0	18.0	17.0	17.0	15.5	17.0	14.0	15.5	12.0
26	15.0	12.0	15.5	16.5	17.0	17.0	17.0	16.0	17.0	15.5	15.0	13.5
27	11.0	12.5	15.5	16.5	17.5	17.0	16.0	17.5	17.0	16.0	15.5	13.5
28	14.0	14.5	15.5	17.0	17.6	16.6	15.0	16.5	15.5	15.5	16.0	14.5
29	12.0		14.5	18.5	17.0	16.6	16.5	19.5	18.0	15.5	15.0	14.0
30	12.0		15.0	18.5	17.5	16.6	17.0	17.0	17.0	16.0	15.0	14.0
31	11.0		17.0		18.0	16.6	16.0	16.5		17.5		12.0

Cuadro 7

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, A LAS 13 H.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	21.5	21.0	25.4	26.5	26.0	20.5	21.0	21.5	23.5	24.0	23.0	24.0
2	20.4	21.0	23.5	25.0	26.5	23.0	22.5	22.0	23 5	22.5	22.5	20.0
3	21.2	24.0	24.0	21.2	25.5	23.5	23.6	21.5	25.0	21.5	22.0	21.5
4	22.6	24.0	24.0	21.0	27.5	25.0	21.5	23.0	20.0	22.5	21.5	20.5
5	24.6	22.0	21.0	24.0	25.5	24.5	23.0	23.0	25.6	22.0	21.5	18 5
6	20.5	22.5	22.5	24.5	25.0	23.5	22.0	23.0	22.0	22.0	22.0	21.0
7	20.4	24.5	23.5	25.5	26.5	24.0	23.5	22.5	23.0	21.5	24.0	23.0
8	21.5	24.0	24.0	23.5	25.5	25.0	23.0	23.5	20.0	21.0	22.0	21.5
9	20.8	24.5	25.0	25.0	24.0	23.0	23.0	23 5	24.0	20.5	22.5	21.5
10	24 0	20.0	20.0	24.0	24.5	23.5	23.0	23.0	18.5	22.8	20.5	20.0
11	25.0	22.5	25.0	26.6	25.5	23.5	22.0	22.5	19.0	23.5	22.0	20.5
12	22.0	22.4	24.5	28.0	25.0	22.0	23.0	23.0	21.0	22.5	21.0	21.3
13	19.0	21.5	24.0	26.0	26.0	21.9	24.0	20 0	23.5	21.0	22.5	20.5
14	20.6	23.5	23.3	26.0	22.5	22.5	23.0	23.0	18.0	21.0	24.0	21.0
15	25.0	23.0	24.0	26.0	26.5	22.5	21.5	18.6	16.5	22.0	22.0	21.0
16	24.0	26.0	26.5	27.5	22.0	19.0	23.0	23.0	18.0	22.0	21.0	21.5
17	22.0	23.5	26.0	25.5	21.5	19.0	23.5	22.5	19.0	22.2	21.0	22.5
18	24.0	27.0	21.0	24.0	23.5	18.0	24.0	23.5	21.1	22.5	21.0	23.0
19	24.0	26.0	25.0	25.0	23.6	21.5	24.0	22.5	18.8	23.0	21.0	20.0
20	21.5	26.6	25.4	25.5	21.5	22.5	23.5	22.0	21.5	23.0	20.5	20.0
21	22.0	26.5	24.5	27.5	22.5	21.0	20.5	23.0	19.0	21.5	21.5	22.0
22	21.0	25.0	25.0	29.5	21.0	19.0	22.0	23.6	18.5	19.0	21.2	20.5
23	24.0	22.5	30.0	28.0	20.3	20.0	23.0	25.0	19.0	19.5	22.0	20.5
24	25.0	21.0	26.5	28.5	18.5	21.0	23.0	23.4	20.0	21.0	22.5	19.0
25	27.0	23.5	27.0	29.0	23.0	21.0	23.9	20.0	21.0	21.5	22.5	18 5
26	25.0	24.0	27.5	27.5	19.5	22.0	20.0	17.5	23.0	21.5	21 2	19.0
27	26.0	23.0	25.5	26 0	20.5	20.8	22.0	22.5	24.5	19.5	22.0	21.0
28	24.2	25.5	26.0	27.0	22.0	22.5	23.0	21.0	24.5	18.0	21.0	20.5
29	22 0		24.0	28.5	22.5	20.0	22.5	23.4	21.0	20.0	22.0	21.5
30	21.0		26.0	27.0	23.3	22 0	21.5	24.5	22.5	22.0	21.5	20.0
31	23.0		25.0		25.5		21.5	24.5		22.5	21.5	21.0

Cuadro 8

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, A LAS 19 H.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	17.0	16.0	17.0	20.5	18.5	18.5	18.5	19.0	18.0	18.5	17.0	17.0
2	15.8	16.0	18.5	19.0	18.5	17.5	18.7	16.0	18.0	18.0	17.0	17.0
3	16.8	16.0	18.0	17.5	20.5	18.5	19.0	16.0	19.0	18.0	18.0	16.5
4	17.2	16.0	16.5	16.5	19.5	19.0	17.5	18.5	18.0	18.0	17.5	15.5
5	17.8	16.5	14.5	18.5	18.5	19.5	18.5	18.5	17.5	18.5	17.5	14.5
6	16.2	15.5	14.5	19.5	18.5	18.5	19.0	19.0	18.0	18.0	18.0	16.0
7	15.5	17.0	16.5	19.0	20.0	16.5	17.5	17.5	18.5	17.5	17.0	17.0
8	16.5	15.5	16.5	18.0	20.0	18.0	18.5	19.0	17.5	18.0	17.5	18.0
9	18.5	15.0	17.5	19.0	20.0	19.5	18.5	17.5	17.5	15.5	17.5	16.0
10	18.0	17.0	17.5	18.5	19.5	18.5	18.5	18.5	17.0	17.5	17.5	16.0
11	17.5	15.0	18.5	19.0	21.0	19.0	19.0	19.0	16.5	19.0	17.5	16.0
12	16.5	15.0	17.5	19.5	20.5	17.5	18.5	17.0	18.5	19.0	16.5	17.5
13	16.0	17.0	17.0	18.0	20.5	17.0	18.5	17.5	17.5	18.5	19.0	16.0
14	15.5	17.5	17.0	19.0	19.5	18.5	16.5	19.5	17.0	17.5	18.0	15.5
15	17.0	16.5	17.0	19.5	18.0	18.5	18.5	17.5	16.0	18.0	16.5	16.0
16	18.0	17.5	18.0	20.5	17.5	17.5	18.0	18.5	16.0	17.0	16.5	16.0
17	16.0	18.0	18.0	19.0	18.0	17.5	18.5	18.5	16.5	18.5	16.5	16.5
18	18.0	18.0	17.5	18.5	18.5	17.5	18.0	18.0	17.0	17.5	15.5	17.0
19	18.0	17.5	17.5	18.7	18.5	17.5	18.0	18.5	17.5	18.0	16.0	15.5
20	17.0	18.0	17.5	19.0	19.0	18.0	19.0	18.5	18.0	17.5	17.5	15.5
21	16.0	20.0	17.5	19.0	18.5	17.0	17.5	18.5	17.5	16.5	16.5	16.0
22	16.5	18.0	19.0	19.5	18.0	17.0	18.5	18.5	17.5	15.0	17.5	16.0
23	17.0	16.0	20.0	22.5	19.0	17.0	19.0	18.0	17.0	14.5	17.0	14.0
24	15.5	18.0	19.0	19.5	17.5	17.0	19.5	17.5	18.0	14.5	18.0	14.0
25	19.0	16.5	19.5	19.5	18.5	17.5	18.5	17.0	17.5	16.0	17.0	14.5
26	18.0	16.0	20.0	19.5	18.0	17.0	18.0	18.0	17.5	17.0	18.0	14.0
27	17.0	15.5	19.0	19.0	18.5	16.0	18.0	17.5	19.0	16.5	17.0	16.5
28	18.0	17.5	18.0	19.5	17.5	17.5	18.0	17.5	18.0	16.0	16.0	15.5
29	14.5		18.5	19.5	17.0	17.0	17.5	17.5	17.5	17.0	16.5	16.5
30	14 5		18.0	19.5	18.0	19.0	17.0	20.0	16.5	16.0	16.5	15.0
31	15.5		19.0		18.0		16.0	19.5		18.0		16.0

Cuadro 9

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, MEDIA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	18.0	16.8	19.5	21.5	21.0	18.7	18.7	18.8	19.3	20.0	19.0	18.7
2	17.0	16.7	19.8	20.0	20.5	18.7	19.4	18.0	19.5	19.2	18.3	17.8
3	17.7	18.0	18.0	18.2	21.8	19.8	20.1	18.0	20.7	18.7	18.7	17.8
4	18.2	18.2	18.8	17.3	21.2	20.7	18.2	19.2	18.8	19.0	18.3	17.0
5	18.4	17.2	17.3	19.2	20.3	20.8	19.5	19.5	20.4	19.0	18.7	15.3
6	17.4	17.0	16.0	19.7	20.7	19.8	19.2	19.8	19.3	18.7	19.5	16.7
7	17.0	18.5	16.8	19.8	21.0	19.5	19.0	19.0	19.5	18.5	18.5	17.8
8	17.8	18.2	18.8	19.2	21.0	20.8	19.5	20.0	18.2	18.5	18.7	18.2
9	18.1	17.5	19.3	20.5	20.2	20.3	19.5	19.2	19.8	17.2	18.3	17.5
10	19.0	17.3	17.8	19.8	20.0	19.5	19.3	19.2	17.2	18.4	18.8	16.8
11	19.5	17.5	19.5	21.2	21.3	19.7	19.3	19.2	17.5	19.5	18.2	16.8
12	18.0	16.8	19.7	22.2	21.2	19.0	19.5	18.8	18.8	19.5	18.3	17.4
13	16.0	17.5	19.0	20.8	21.8	18.5	19.8	18.0	19.0	18.8	19.3	16.8
14	16.7	18.0	19.8	21.0	19.8	19.5	18.2	19.3	17.5	18.8	18.8	17.0
15	18.7	17.5	19.0	21.0	20.7	19.3	18.7	17.4	16.2	19.0	17.5	17.0
16	18.7	19.2	19.7	22.2	18.7	17.7	19.3	19.3	16.8	19.0	17.5	17.0
17	17.3	18.8	20.2	20.8	19.0	17.7	19.5	19.2	17.0	19.1	17.5	17.7
18	18.0	20.0	18.8	20.7	19.8	17.5	19.8	19.3	17.7	18.7	16.8	18.0
19	19.0	19.3	20.0	20.6	19.9	18.7	19.8	19.2	17.8	18.8	16.8	16.8
20	17.5	19.2	20.0	20.7	19.3	19.2	19.3	19.3	18.5	18.3	18.0	16.0
21	17.0	19.8	19.5	20.3	19.5	18.3	17.5	19.7	17.8	18.0	17.7	17.5
22	17.2	19.7	20.0	22.0	18.8	17.3	19.3	19.5	17.7	16.3	18.5	16.7
23	17.7	18.2	22.8	23.0	18.9	17.8	19.7	20.0	17.7	15.8	18.3	16.0
24	18.5	16.7	21.0	21.7	18.0	18.3	19.8	19.5	18.2	16.7	19.0	14.8
25	20.0	17.7	21.2	21.8	19.8	18.5	19.8	17.5	18.5	17.2	17.9	15.0
26	19.3	17.3	21.0	21.2	18.2	18.7	18.3	17.2	19.2	18.0	18.3	15.5
27	18.0	17.0	20.0	20.5	18.8	17.6	18.7	19.2	20.2	17.3	17.8	17.0
28	18.7	19.2	19.8	21.2	19.0	18.7	18.7	18.3	19.3	16.5	18.0	16.8
29	16.2		19.0	22.2	18.8	17.7	18.8	20.1	18.8	17.5	17.7	17.3
30	15.8		19.7	21.7	19.6	19.0	18.5	20.5	18.7	18.0	17.7	16.3
31	16.5		20.3		20.5		17.8	20.2		19.3		16.3

Cuadro 10

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, MAXIMA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	23.9	24.0	27.2	27.7	28.0	24.4	24.3	24.3	26.3	25.8	25.2	25.1
2	23.0	23.7	26.4	26.2	28.3	25.1	24.5	24.3	25.8	25.3	25.8	23.1
3	24.0	24.9	26.0	25.1	28.2	25.0	25.9	24.0	27.5	24.0	24.5	23.4
4	24.9	26.5	25.4	25.4	30.9	27.3	24.5	25.4	26.0	24.7	24.5	21.9
5	25.9	24.1	23.9	25.5	27.3	26.8	24.7	25.4	27.2	24.7	24.9	21.4
6	22.3	23.9	25.6	26.5	29.2	24.4	24.8	24.9	25.1	23.9	25.2	23.3
7	22.4	26.5	26.0	28.5	28.0	26.4	25.4	24.8	24.7	23.8	24.9	26.0
8	22.5	25.9	25.8	26.3	27.0	27.2	24.8	25.0	24.4	24.2	24.5	24.9
9	24.4	26.9	27.9	26.8	26.4	25.5	25.3	24.8	25.9	22.5	22.9	23.6
10	24.0	24.4	24.4	26.3	27.4	25.7	24.8	24.4	20.6	24.1	24.3	22.1
11	25.0	24.9	26.8	30.1	28.3	25.7	25.3	25.0	21.7	25.5	23.8	22.5
12	23.4	24.4	26.1	31.2	28.1	24.8	25.8	24.0	22.4	25.9	24.7	23.0
13	21.2	24.0	26.3	28.1	28.9	23.8	25.7	24.5	23.6	24.1	26.3	23.0
14	21.9	25.5	25.9	28.4	24.8	24.7	24.8	24.6	23.0	25.9	24.9	23.7
15	25.0	25.4	26.0	29.0	28.9	25.2	24.5	21.9	17.3	25.3	27.9	23.6
16	26.6	28.2	29.9	30.0	25.0	20.0	24.8	24.8	21.3	25.4	23.9	23.5
17	24.3	27.8	26.9	27.3	24.8	21.8	24.8	24.5	26.6	24.9	23.0	24.6
18	27.2	30.3	23.7	26.1	25.5	21.3	26.3	25.5	25.0	25.1	22.0	25.2
19	26.7	28.9	26.0	28.0	26.9	24.5	25.9	24.9	24.8	24.9	22.4	22.3
20	24.0	28.7	27.3	27.9	23.8	24.2	25.6	24.0	26.2	25.2	22.8	21.9
21	24.4	29.5	26.8	30.5	25.1	23.8	23.9	24.5	24.5	23.8	23.9	24.1
22	23.3	26.9	27.1	31.3	25.3	21.3	24.5	26.0	23.6	21.9	24.1	23.2
23	26.2	25.4	31.3	30.3	22.3	22.1	24.6	26.9	20.9	20.7	24.0	21.9
24	28.3	24.3	29.4	30.3	25.4	24.5	25.2	25.4	22.0	22.0	24.0	20.8
25	29.9	26.9	29.0	30.3	25.1	24.5	25.2	24.2	22.3	23.3	23.5	20.9
26	27.4	25.5	29.5	29.7	22.0	23.3	22.0	22.0	26.6	23.2	24.5	21.2
27	27.5	24.7	23.1	28.5	23.3	23.5	23.9	24.0	26.7	20.6	23.8	22.9
28	26.6	27.3	27.6	30.5	22.6	24.8	24.7	25.0	27.1	19.1	22.9	23.3
29	23.1		26.0	29.8	24.5	23.8	24.3	25.4	26.6	22.6	26.3	23.4
30	23.7		28.0	29.0	25.2	24.2	23.9	26.4	25.9	24.3	24.5	22.5
31	25.1		28.8		27.2		24.0	25.9		24.9		22.8

Cuadro 11

TEMPERATURA A LA SOMBRA EN GRADOS CENTIGRADOS, MINIMA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	14.5	12.0	12.6	11.6	16.9	15.9	15.7	15.4	16.5	16.3	16.4	14.0
2	14.6	12.4	15.1	14.5	14.8	15.5	16.0	14.8	16.8	16.2	14.7	16.5
3	14.5	13.5	12.0	14.9	17.1	16.0	17.0	15.5	16.7	16.5	15.9	14.9
4	12.9	12.0	13.8	12.2	16.0	17.5	15.5	15.9	17.7	16.5	16.0	14.8
5	11.7	10.1	13.2	12.3	16.0	16.7	16.5	16.9	16.2	16.5	16.5	12.6
6	14.6	13.0	9.5	12.8	16.4	15.6	16.1	15.9	17.1	16.0	16.5	11.9
7	13.4	10.5	7.4	13.6	14.6	17.6	16.0	16.8	15.9	16.5	16.5	10.1
8	13.0	13.1	13.0	13.8	15.9	16.5	16.8	16.5	16.6	15.3	16.0	15.0
9	13.6	13.0	12.2	16.1	15.0	17.0	16.2	15.4	16.0	15.5	16.9	15.0
10	13.0	13.3	14.9	15.9	14.9	16.5	15.0	14.5	16.0	13.9	17.0	12.8
11	14.2	13.9	13.8	13.6	16.8	16.4	16.0	15.9	16.5	15.4	16.0	13.5
12	14.9	12.6	13.2	15.0	16.9	16.6	16.0	16.4	16.1	16.4	15.9	13.5
13	11.6	11.6	14.2	16.3	17.4	16.5	16.5	15.3	16.0	17.0	14.6	14.0
14	11.8	11.5	12.4	16.3	16.8	17.1	15.0	15.2	16.0	17.6	16.2	14.5
15	11.4	11.6	10.9	15.6	15.7	16.0	14.9	16.0	16.0	17.0	15.0	12.1
16	13.0	12.0	12.9	15.1	14.6	16.4	15.2	16.1	16.0	16.4	13.8	13.4
17	12.6	12.7	15.1	16.8	17.0	16.3	16.2	16.0	15.2	16.5	14.4	14.0
18	11.2	12.8	15.8	17.4	16.9	16.8	15.6	15.5	14.9	15.6	13.9	13.9
19	15.0	13.5	14.0	14.9	17.5	16.3	15.7	16.2	17.0	14.4	12.9	15.0
20	13.2	11.9	13.8	15.1	16.5	17.0	14.7	16.4	16.0	14.5	14.1	12.2
21	11.1	11.9	15.4	13.4	16.9	16.6	14.1	15.9	15.5	16.0	14.4	14.4
22	11.2	14.0	14.1	14.2	16.4	15.2	16.4	16.3	16.7	14.6	15.0	13.4
23	11.0	16.0	14.8	15.4	16.1	16.4	15.6	16.6	16.6	12.0	14.8	13.2
24	15.0	11.0	16.9	12.9	16.3	15.6	16.3	16.2	16.4	13.0	15.4	11.5
25	12.4	11.8	16.3	16.9	16.3	16.1	17.0	15.5	17.0	12.0	15.5	11.0
26	14.6	12.0	14.7	14.0	17.0	16.2	15.0	15.8	16.0	15.1	14.2	13.0
27	10.7	11.9	14.5	15.0	17.2	15.9	15.5	16.0	15.1	16.0	15.1	12.4
28	13.4	11.1	13.3	14.9	17.6	16.0	14.9	15.9	14.9	15.5	15.4	14.5
29	11.9		11.8	14.9	16.3	16.0	16.0	15.0	17.1	15.1	13.9	12.9
30	9.9		12.9	15.2	14.9	15.4	16.7	13.9	16.0	15.1	13.9	14.0
31	10.0		14.1		16.3		15.0	15.5		15.9		11.5

Cuadro12

OSCILACION DIARIA DE LA TEMPERATURA A LA SOMBRA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	9.4	12.0	14.6	16.1	11.1	8.5	8.6	8.9	9.8	9.5	8.8	11.1
2	8.4	11.3	11.3	11.7	13.5	9.6	8.5	9.5	9.0	8.8	11.1	6.6
3	9.5	11.4	14.0	10.2	11.1	9.0	8.9	8.5	10.8	7.5	8.6	8.5
4	12.0	14.5	11.6	13.2	14.9	9.8	9.0	9.5	8.3	8.2	8.5	7.1
5	14.2	14.0	10.7	13.2	11.3	10.1	8.2	8.5	11.0	8.2	8.4	8.8
6	7.7	10.9	16.1	13.7	12.8	8.8	8.7	9.0	8.0	7.9	8.7	11.4
7	9.0	16.0	18.6	14.9	13.4	8.8	9.4	8.0	8.8	7.3	8.4	15.9
8	9.5	12.8	12.8	12.5	11.1	10.7	8.0	8.5	7.8	8.9	8.5	9.9
9	10.8	13.9	15.7	10.7	11.4	8.5	9.1	9.4	9.9	7.0	6.0	8.6
10	11.0	11.1	9.5	10.4	12.5	9.2	9.8	9.9	4.6	10.2	7.3	9.3
11	10.8	11.0	13.0	16.5	11.5	9.3	9.3	9.1	5.2	10.1	7.8	9.0
12	8.5	11.8	12.9	16.2	11.2	8.2	9.8	7.6	6.3	9.5	8.8	9.5
13	9.6	12.4	12.1	11.8	11.5	7.3	9.2	9.2	7.6	7.1	11.7	9.0
14	10.1	14.0	13.5	12.1	8.0	7.6	9.8	9.4	7.0	8.3	8.7	9.2
15	13.6	13.8	15.1	13.4	13.2	9.2	9.6	5.9	1.3	8.3	12.9	11.5
16	13.6	16.2	17.0	14.9	10.4	3.6	9.6	8.7	5.3	9.0	10.1	10.1
17	11.7	15.1	11.8	10.5	7.8	5.5	8.6	8.5	11.4	8.4	8.6	10.6
18	16.0	17.5	7.9	8.7	8.6	4.5	10.7	10.0	10.1	9.5	8.1	11.3
19	11.7	15.4	12.0	13.1	9.4	8.2	10.2	8.7	7.8	10.5	9.5	7.3
20	10.8	16.8	13.5	12.8	7.3	7.2	10.9	7.6	10.2	10.7	8.7	9.7
21	13.3	17.6	11.4	17.1	8.2	7.2	9.8	8.6	9.0	7.8	9.5	9.7
22	12.0	12.9	13.0	17.1	8.7	6.1	8.1	9.7	6.9	7.3	9.1	9.8
23	15.2	9.4	16.5	14.9	6.2	5.7	9.0	10.3	4.3	8.7	9.2	8.7
24	13.3	13.3	12.5	17.4	9.1	8.9	8.9	9.2	5.6	9.0	8.6	9.3
25	17.5	15.1	12.7	13.4	8.8	8.4	8.2	8.7	5.3	11.3	8.0	9.9
26	12.8	13.5	14.8	15.7	5.0	7.1	7.0	6.2	10.6	8.1	10.3	8.2
27	16.8	12.8	8.6	13.5	6.1	7.6	8.4	8.0	11.6	4.6	8.7	10.5
28	13.2	16.2	14.3	15.6	5.0	8.8	9.8	9.1	12.2	3.6	7.5	8.8
29	11.2		14.2	14.9	8.2	7.8	8.3	10.4	9.5	7.5	12.4	10.5
30	13.8		15.1	13.8	10.3	8.8	7.2	12.5	9.9	9.2	10.6	8.5
31	15.1		14.7		10.4		9.0	10.4		9.0		11.3

Cuadro 13

TEMPERATURA DEL SUBSUELO A 30 CENTIMETROS, A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	17.1	17.2	17.5	18.9	20.1	19.2	18.4	18.9	19.3	18.3	18.4	18.4
2	17.2	17.2	18.0	18.8	19.9	19.0	18.7	18.7	19.2	18.4	18.6	18.6
3	17.3	17.4	17.8	19.8	20.3	19.2	19.0	18.7	19.2	18.5	18.6	18.4
4	17.3	17.2	18.0	18.4	20.0	19.5	18.9	18.7	19.4	18.5	18.8	18.3
5	17.5	17.0	18.0	18.0	20.2	19.5	18.7	19.1	19.2	18.5	18.8	17.9
6	17.6	17.4	17.2	18.0	20.4	19.6	19.9	19.2	19.2	18.7	18.8	17.6
7	17.3	17.2	16.9	18.3	20.0	19.9	19.0	19.4	19.1	18.6	18.9	17.6
8	17.6	17.6	17.3	18.4	20.0	19.4	19.2	19.1	19.1	18.4	18.9	18.0
9	17.2	17.5	17.5	18.8	20.0	19.2	19.0	19 1	19.1	18.3	19.0	18.2
10	17.4	17.6	17.9	18.9	19.9	19.2	19.0	19.0	18.9	17.9	18.9	18.0
11	17.9	17.2	17.8	18.8	20.0	19.3	19.2	19.0	18.8	18.1	18.8	17.9
12	18.0	17.4	17.9	19.0	20.2	19.4	19.3	19.2	18.7	18.5	18.8	17.9
13	17.5	18.2	18.0	19 4	20.2	19.3	19.4	18.9	18.8	18.9	18.7	18.0
14	17.4	17.0	17.8	19.5	20.0	19.2	19.2	18.6	18.8	18.9	18.8	18.0
15	17.2	17.3	17.6	19.4	19.0	19.1	18.9	18.7	18.2	18.9	18.8	17.7
16	17.4	17.4	17.7	19.5	19.8	19.2	19.1	18.7	17.0	18.8	18.5	17.8
17	17.6	17.8	18.0	19.0	19.8	19.0	19.1	18.9	17.4	18.9	18.5	18.8
18	17.5	17.7	18.4	19.9	19.5	19.0	19.2	19.0	17 5	18.8	18.2	18.1
19	18.0	17.9	18.3	19.6	19.8	19.0	19.3	19.0	17.9	18.6	17.9	18.2
20	18.0	17.9	18.4	19.6	19.8	19.1	19.1	19.0	18.0	18.5	17.8	17.7
21	17.6	17.9	18.4	19.4	19.8	19.2	19.0	19.0	18.1	18.6	18.0	17.8
22	17.4	18.0	18.4	19.6	19.8	18.8	19.0	19.2	18.1	18.4	18.1	17.9
23	17.2	18.0	18.6	19.9	19.4	18.6	19.1	19.4	18.1	17.8	18.3	17.7
24	17.6	17.7	19.0	19.6	19.5	18.5	19.2	19.2	18.1	17.7	18.4	17.3
25	17.6	17.5	19.0	19.8	19.4	18.6	19.4	19.1	18.2	17.3	18.5	17.1
26	18.2	17.6	19.0	19.8	19.7	19.6	19.2	19.0	18.1	17.6	18.5	17.1
27	17.9	17.5	18.9	19.9	19 8	18.6	18.9	18.8	18.0	18.1	18.6	17.0
28	18.0	17.4	18.8	19.7	19 8	18.5	18.7	18.8	18.2	18.0	18.6	17.2
29	17.8		18.5	19.8	19.3	18.4	19.0	18.5	18.6	17.8	18.3	17.2
30	18.5		18.4	19.9	19.0	18.3	19.1	18.5	18.5	18.0	18.4	17.4
31	17.0		18.6		19.2		18.8	18.9		18.2		17.0

Cuadro 14

TEMPERATURA DEL SUBSUELO A 30 CENTIMETROS, A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	17.5	17.7	18.4	19.7	20.8	19.8	19.0	19.2	19.8	18.7	18.9	19.0
2	17.8	17.8	18.5	19.4	20.5	19.9	19.2	19.4	19.7	18.8	18.9	19.0
3	17.9	18.0	18.7	19.2	20.9	19.9	19.4	19.4	19.8	18.8	19.0	18.8
4	18.0	18.0	18.7	19.0	20.9	20.0	19.4	19.2	19.9	18.9	19.0	18.7
5	18.4	17.9	18.6	18.8	20.9	20.2	19.1	19.5	19.8	19.0	19.2	18.2
6	18.0	18.0	17.9	18.8	21.1	20.2	19.2	19.6	19.7	19.0	19.2	18.3
7	17.8	18.2	17.9	19.2	20.8	20 4	19.4	19.8	19.6	19.0	19.3	18.4
8	17.8	18.3	18.2	19.2	20.8	20.0	19.8	19.5	19.5	18.7	19.3	18.6
9	17.9	18 2	18.4	19.5	20.6	19.7	19.4	19.6	19.6	18.7	19.3	18.6
10	18.2	17.9	18.4	19.5	20.5	19.6	19.5	19.5	19.2	18.4	19.1	18.4
11	18.6	18.2	18 5	19.8	20.5	19.8	19.7	19.6	19.2	18.7	19.1	18.4
12	18.5	18.0	18.6	20.0	20.8	19.9	19.8	19.6	19.2	18.9	19.1	18.4
13	18.2	17.8	18.7	20.2	20.8	19.7	19.9	19.4	19.4	19.3	19.2	18.5
14	17.8	17.9	18.6	20.2	20.6	19.7	19.8	19.1	19.2	19.3	19.0	18.5
15	17.9	18.0	18.4	20.3	20.6	19.6	19 4	19.0	17.7	19.2	19.2	18.4
16	18.2	18.2	18.6	20.3	20.1	19.3	19.6	19.2	17.4	19.3	18.9	18.4
17	18.2	18.2	18.8	20 4	20.1	19.4	19.6	19.3	17.8	19.3	18 9	18.6
18	18.3	18.6	18.9	20.5	20.0	19.0	19.8	19.4	18.2	19.2	18.6	18.9
19	18.5	18.6	19.0	20.4	20.3	19.6	19.8	19.6	18.4	19.0	18.4	18.6
20	18.4	18.7	19.2	20.4	20.1	19.7	19.6	19.5	18.4	19.0	18.4	18.3
21	18.4	18.7	19.2	20.2	20.0	19.7	19.3	19.5	18.5	19.1	18.4	18.5
22	18.0	18.8	19.2	20.5	20.0	19.1	19.4	19.8	18.4	18.7	18.6	18.5
23	18.0	18.7	19.6	20.7	19.8	18.9	19.5	19.9	18.4	18.2	18.8	18 2
24	18.2	18.2	19.8	20.6	19.9	19.2	19.7	19.9	18.4	18.0	18.9	17.8
25	18.6	18.4	19.9	20.8	20.1	19.2	19.9	19.5	18.6	17.9	19.0	17.6
26	18.6	18.3	19.7	20.7	20.0	19.0	19.5	19.2	18.5	18.2	19.0	17.5
27	18.6	18.3	19.6	20.5	20.1	19.2	19.3	19.2	18.5	18.4	19.0	17.5
28	18.8	18.3	19.5	20.6	20.1	19.1	19.3	19.2	18.6	18.1	18.9	17.7
29	18.7		19.3	20.6	20.0	18.9	19.6	19.1	18.9	18.2	18.9	17.8
30	17.7		19.2	20.7	19.8	18.8	19.6	19.2	18.9	18.5	18·9	17.8
31	17.8		19.4		20.0		19.2	19.5		18.8		17.6

Cuadro 15

TEMPERATURA DEL SUBSUELO A 30 CENTIMETROS, A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	17.8	17.8	18.5	19.9	20.6	19.6	19.3	19.6	19.5	18.8	19.0	18.9
2	17.7	17.9	18.7	19.6	20.6	19.8	19.4	19.1	19.6	18.9	19.0	18.8
3	17.9	18.0	18.7	19.3	20.9	19.9	19.7	19.1	19.8	18.9	19.2	18.7
4	18.2	18.2	18.6	19.9	20.8	20.0	19.1	19.5	19.6	18.9	19.2	18.6
5	18.5	18.0	18.2	18.8	20.9	20.0	19.4	19.9	19.5	19.1	19.0	18.3
6	18.1	18.0	18.0	18.8	20.6	20.1	19.6	20.0	19.5	19.0	19.2	18.3
7	17.8	18.2	17.9	19.1	20.9	20.0	19.8	19.5	19.6	18.9	19.3	18.4
8	17.9	18.2	18.2	19.2	20.9	19.5	19.6	19.6	19.4	18.8	19.4	18.6
9	18.2	18.2	18.4	19.5	20.7	19.9	19.8	19.6	19.3	18.6	19.2	18.6
10	18.6	18.2	18.6	19.6	20.6	19.9	19.8	19.5	19.1	18.6	19.2	18.3
11	18.6	18.0	18.7	19.7	20.8	19.9	19.9	19.7	19.0	18.9	19.2	18.3
12	18.5	17.9	18.7	20.0	20.7	19.7	20.0	19.5	19.3	19.2	19.2	18.4
13	18.2	17.9	18.7	20.0	20.7	19.5	19.9	19.1	18.8	19.2	19.2	18.5
14	17.8	18.0	18.6	19.1	20.5	19.6	19.8	19.2	19.0	19.0	19.2	18.5
15	18.0	18.2	18.5	20.1	20.4	19.8	19.6	19.2	18.6	19.3	19.2	18.4
16	18.4	18.4	18.6	20.4	20.0	19.3	19.7	19.5	17.5	19.2	19.0	18.3
17	18.2	18.4	18.9	20.3	19.9	19.4	19.9	19.7	17.8	19.4	18.8	18.6
18	18.6	18.7	18.9	20.2	20.0	19.3	19.7	19.4	18.0	19.3	18.5	18.7
19	18.5	18.8	18.9	20.2	20.0	19.4	19.7	19.4	18.3	19.0	19.2	18.5
20	18.6	18.8	19.0	20.1	20.0	19.6	19.8	19.5	18.3	19.0	18.4	18.2
21	18.4	18.0	19.1	20.2	20.0	19.3	19.4	19.8	18.4	18.9	18.5	18.5
22	18.0	18.8	19.2	20.4	19.9	18.9	19.4	19.9	18.3	18.6	18.7	18.4
23	18.0	18.5	19.7	20.8	19.9	18.8	19.7	19.7	18.3	18.1	18.9	18.1
24	18.4	18.2	19.9	20.5	19.9	19.0	20.0	19.6	18.4	17.8	19.0	17.8
25	18.8	18.4	19.9	20.7	20.2	19.1	19.8	19.4	18.5	17.8	19.0	17.5
26	19.0	18.2	19.9	20.7	19.9	19.1	19.5	19.2	18.4	18.2	19.0	17.4
27	18.8	18.3	19.6	20.6	20.0	18.9	19.4	19.2	18.8	18.2	19.0	17.6
28	18.9	18.2	19.6	20.5	19.8	18.9	19.5	19.0	19.0	18.1	18.8	17.8
29	18.4		19.2	20.5	19.4	18.6	19.5	19.2	18.9	18.3	19.0	17.8
30	18.0		19.3	20.7	19.2	18.9	19.2	19.6	18.6	18.5	18.9	17.7
31	17.9		19.5		19.7		19.5	19.9		18.7		17.7

Cuadro 16

TEMPERATURA DEL SUBSUELO A 30 CENTIMETROS, MEDIA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	17.5	17.6	18.1	19.5	20.5	19.5	18.9	19.2	19.5	18.6	18.8	18.8
2	17.6	17.6	18.4	19.3	20.3	19.6	19.1	19.1	19.5	18.7	18.8	18.8
3	17.7	17.8	18.4	19.4	20.7	19.7	19.4	19.1	19.6	18.7	18.9	18.6
4	17.8	17.8	18.4	18.8	20.6	19.8	19.1	19.1	19.6	18.8	19.0	18.5
5	18.1	17.6	18.3	18.5	20.7	19.9	19.1	19.5	19.5	18.9	19.0	18.1
6	17.9	17.8	17.7	18.5	20.7	20.0	19.6	19.6	19.5	18.9	19.1	18.1
7	17.6	17.9	17.6	18.9	20.6	20.1	19.4	19.6	19.4	18.8	19.2	18.1
8	17.8	18.0	17.9	18.9	20.6	19.6	19.5	19.4	19.3	18.6	19.2	18.4
9	17.8	18.0	18.1	19.3	20.4	19.6	19.4	19.4	19.3	18.5	19.2	18.5
10	18.1	17.9	18.3	19.3	20.3	19.6	19.4	19.3	19.1	18.3	19.1	18.2
11	18.4	17.8	18.3	19.4	20.4	19.7	19.6	19.4	19.0	18.6	19.0	18.2
12	18.3	17.8	18.4	19.7	20.6	19.7	19.7	19.4	19.1	18.9	19.0	18.2
13	18.0	18.0	18.5	19.9	20.6	19.5	19.7	19.1	19.0	19.1	19.0	18.3
14	17.7	17.6	18.3	19.6	20.4	19.5	19.6	19.0	19.0	19.1	19.0	18.3
15	17.7	17.8	18.2	19.9	20.0	19.5	19.3	19.0	18.2	19.1	19.1	18.2
16	18.0	18.0	18.3	20.1	20.0	19.3	19.4	19.1	17.3	19.1	18.8	18.2
17	18.0	18.1	18.6	19.9	19.9	19.3	19.5	19.3	17.7	19.2	18.7	18.7
18	18.1	18.3	18.7	20.2	19.8	19.1	19.6	19.3	17.9	19.1	18.4	18.6
19	18.3	18.4	18.7	20.1	20.0	19.3	19.6	19.3	18.2	18.9	18.5	18.4
20	18.3	18.5	18.9	20.0	20.0	19.5	19.5	19.3	18.2	18.8	18.2	18.1
21	18.1	18.2	18.9	19.9	19.9	19.4	19.2	19.4	18.3	18.9	18.3	18.3
22	18.2	18.5	18.9	20.2	19.9	18.9	19.3	19.6	18.3	18.6	18.5	18.3
23	17.7	18.4	19.3	20.5	19.7	18.8	19.4	19.7	18.3	18.0	18.7	18.0
24	18.1	18.0	19.6	20.2	19.8	18.9	19.6	19.6	18.3	17.8	18.8	17.6
25	18.3	18.1	19.6	20.4	19.9	19.0	19.7	19.3	18.4	17.7	18.8	17.4
26	18.6	18.0	19.5	20.4	19.9	19.2	19.4	19.1	18.3	18.0	18.8	17.3
27	18.4	18.0	19.4	20.3	20.0	18.9	19.2	19.1	18.4	18.2	18.9	17.4
28	18.6	18.0	19.3	20.3	19.9	18.8	19.2	19.0	18.6	18.1	18.8	17.6
29	18.3		19.0	20.3	19.6	18.6	19.4	18.9	18.8	18.1	18.7	17.6
30	18.1		19.0	20.4	19.3	18.7	19.3	19.1	18.7	18.3	18.7	17.6
31	17.6		19.2		19.6		19.2	19.4		18.6		17.6

Cuadro 17

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1			0.2			3.6	0.9		4.9	Inapreciable	0.2	1.0
2						6.7	0.4	5.5	0.6		6.7	0.7
3				1.0			0.5	26.4	1.5	3.1		
4							0.9	1.3	17.6	5.5	Inapreciable	
5			0.2						1.8	23.0	0.4	
6	0.5				3.0				34.8	12.0	0.8	
7					0.4	25.0		0.5	6.1	10.5		
8						10.4			36.0	1.9		Inapreciable
9						0.1		0.1	12.2		11.5	
10		1.4			0.9				36.7		0.4	
11									5.0		2.8	Inapreciable
12						4.4	0.4	37 2	14 0	Inapreciable		
13						1.8	33.9	26.3	84.0	0.6	0.2	
14			0.3			0.1	1.9	0.9	25.1	4.2	Inapreciable	Inapreciable
15					39.2			6.8	150.2	3.6		
16		0.3			19.5	30.5			41.3	30.6		
17				0.6	21.4	1.4		0.1		28.4		
18				0.8	0.6	6.0	5.0	0.1	2.2			17.4
19				0.2	37.8	7.5	11.0	2.0	2.7			
20				Inapreciable		0.1	11.8	0.2		0.5		
21				0.2	0.1	4.7	5.0	0.1	25.0		Inapreciable	
22					0.7	11.9	1.4		18.5		Inapreciable	
23		Inap.	0.3	Inapreciable		0.8			12.8			
24					10.4	3.9	Inapreciable	19.0	0.1			
25					0.3	2.0	21.3	56.9	Inapreciable			
26					3.3	0.4	2.5	13.7	0.1			
27					3.4	8.2		0.5	0.4	11.7		
28					26.8	2.0			0.3	3.5	0.2	Inapreciable
29					4.7	20.5	2.3	0.2				
30					0.2	2.4	16.8	0.3	3.8			
31					0.7		0.2	0.1		2.0		
	0.5	1.7	1.2	2.8	174.4	154.4	118.2	198.2	537.7	141.1	23.2	19.1

total 4.500 mlm.
= 54 inch.

Cuadro

PUNTO DE ROCIO A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	12.0	10.1	12.5	13.1	13.3	13.6	13.6	13.0	13.3	14.2	13.6	11.8
2	10.9	10.8	13.5	12.2	12.5	13.2	13.3	12.8	14.0	13.6	13.2	13.1
3	11.1	11.4	10.0	13.1	13.6	13.6	14.2	13.3	14.5	13 6	13.1	12.2
4	12.0	11.2	12.3	10.9	12.8	14.7	12.8	13.1	15.1	13.6	13.0	11.2
5	10.8	10.5	12.5	11.2	13.6	14.9	13.5	13.8	14.5	13.6	13.3	10 0
6	12.2	10.9	8.1	11.4	14.0	13.8	13.0	13 8	14 7	13.0	13.3	10 7
7	10.5	11.5	8.2	15 5	13.3	14.2	13.1	13.8	13.6	13.3	13.3	11.0
8	11.1	12 0	11.4	12.3	13.8	14.0	13.8	13 6	13.6	13 6	12.8	12.2
9	12.0	10.5	12.0	13.0	12.8	14.2	13.8	13.1	14.5	13 2	13.6	12 3
10	11 7	12.5	12.5	13.1	12 8	13.5	12.3	12.3	13 1	12.6	14.0	10.8
11	12.3	11 4	11.5	13.6	13.6	13.3	13.3	12.8	13.6	13.0	13.1	11.2
12	11.4	10.8	12.8	14.9	14.0	13.3	13.3	13.1	13.6	13.6	12 8	10.9
13	9.3	10.3	11.7	14.5	14 5	13 3	13.6	12 8	13.0	13.8	12.0	11 4
14	10.5	10.8	14.7	13.3	13 6	14.4	12 3	12.6	14.2	14.5	13.3	11.7
15	10.9	11.1	12.0	13.5	13 6	13.6	12.6	12.8	13.1	13.8	12.2	10.5
16	11.4	11 4	11 1	14.2	12 8	13.3	13 5	13.3	13.6	14 7	11.7	11.1
17	11.2	11.9	13 0	12.8	14.0	13.5	13.3	13.1	13 2	13.5	11 5	11 5
18	9.9	11.5	13.6	15.1	13.8	13.6	14.0	13 1	12.3	12.8	11.2	11.5
19	12.3	11.5	13.6	14.2	14.0	14.6	13.8	13.6	14 0	12.2	11.2	12.3
20	11.2	10.8	13.1	13.6	13.8	13.8	12 2	14.0	13.1	11.4	11.7	9.8
21	10.5	10.7	13.3	11.7	13 8	14.0	11.7	13.8	13.6	12.8	12.3	11.7
22	11.4	12.8	12.0	13 5	13.6	12.8	14.0	13 3	14.0	11 7	12.8	11 1
23	10.1	12.8	14.4	14.7	13 6	13.3	14.0	13.8	13 6	10 8	12 6	10 0
24	12.5	9.2	13.6	12.5	14.4	14.0	14.0	14.0	13 6	11.4	12.8	9.5
25	11.5	10.8	13.0	13.6	14 5	13.8	14.0	13.2	14 0	10.9	12.3	9.9
26	12.5	9.5	11.8	12.8	13.6	13.6	13 6	13.0	13 8	12.6	12 2	10.1
27	9.5	10.4	12 1	12.8	14 0	13 3	13.1	13 6	14.0	12 8	13 2	10.7
28	11.5	11.8	10.8	13.1	14.0	13.1	12.0	13.3	13.2	12 6	12.8	11.7
29	10 0		10.8	13 8	13.6	13.1	13.1	15.6	14.7	12.6	12 2	11.1
30	9.9		11.7	14.2	14.0	13.0	13.6	13.3	14.0	12.8	12.2	10.9
31	9.5		12.8		14.2		12.8	13.1		13.8		9.2

Cuadro 19

PUNTO DE ROCIO A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	13.8	12.0	15.3	15.5	16.1	15.1	15.1	13.8	15.7	16.5	15.3	15.9
2	13.5	13 5	15.5	13.5	15.7	15.9	15.7	15.5	17.1	15.9	15.5	14.7
3	13.6	14.0	15.3	14.0	17.3	16 9	15 5	15.9	16.7	15.7	15.7	14.5
4	14.0	13.6	14.2	13.0	16.3	18.0	15.5	16.9	16.1	16.1	15.5	13.3
5	15.9	13.1	12.5	13 1	16.7	17.5	15.5	15.9	17 1	16.1	15.5	12.2
6	13.8	13.8	12 3	15.9	16 7	15.9	14.4	16.1	16.5	16.7	16.9	13 6
7	13.0	15.3	12 8	15.9	14 9	16.3	15.9	15.3	16.9	16.1	15.7	14.5
8	13.8	14 7	14.9	15.3	16 3	15.7	15.9	15.5	16 3	15.3	15 5	14.5
9	14.0	13.1	14.9	15.9	14 9	16.1	14 5	16.9	17 5	14.7	15.1	13.3
10	14.2	14.4	14.2	16.1	16.7	15.7	14.4	15.7	14.7	15.7	15.5	13.6
11	13.8	13.5	14.5	17.1	15.7	14.7	14.7	15.9	15.5	16.3	15.3	13.6
12	13.1	13 0	14.7	16.5	15.7	15.9	15.5	16.5	16 1	16.1	16.1	13.8
13	12.2	13.1	14.5	17.1	14.9	15.5	16.7	15.5	17.1	16.5	16.7	13.6
14	13.1	13.3	15.1	17.1	15.1	15.9	16.1	15.7	14.9	15.9	14.9	13.1
15	13.8	14.0	15.3	17.1	15.7	15.1	14.7	14.9	13.6	16.1	15.1	13.8
16	13.8	15.1	16.3	17.1	16.9	15.1	14.9	12.8	14.5	16.1	13 3	13 8
17	13.6	14.5	16.1	16.9	15 7	14.5	15.5	16.1	15.1	16.7	14.0	14.5
18	14.7	14.9	14.4	16.5	16.1	14.7	16 7	15.9	16.5	15.5	14.0	15.3
19	11.5	13.1	15.5	16.3	15.9	17.1	16.1	16.1	14.7	15.1	13.8	13 6
20	13.8	14.7	15.3	16.9	15.7	16.3	15.9	15.5	16.3	16.1	14.7	13.3
21	13 8	13.3	14.5	17.3	15.1	15.7	13.8	16.1	15 1	14.7	14.4	14.5
22	12.5	15 5	15.7	17.5	14.5	15.5	15.5	15.9	15.1	13.5	14.9	13 6
23	14.9	14.2	15.9	17.5	14.7	15.1	15.7	17.1	15.1	14 0	14.7	12.6
24	12.8	13.1	16.3	17.8	14.9	15.9	15.9	16.5	14 4	14 0	14.7	12.1
25	13.6	13.6	15.5	17.3	16.1	15.9	15.9	15.9	15.9	14 2	14 5	12.8
26	14.9	14.2	14.9	17.8	15.5	16.1	15.1	14.2	16.5	15.1	14.9	12.8
27	14.5	13.5	14 0	16.1	15 7	14.9	14.9	16.9	14.9	14 7	13.8	13.8
28	14.7	14.0	14.0	16.1	16.9	15.7	15.5	15.6	15.7	14 2	15.3	13.1
29	12.8		13.8	16.1	16.7	14.5	15.7	16.9	16 5	15.5	14.5	13.8
30	12.2		15.7	16.9	16.7	16.1	15.5	15 9	15.7	16.1	14.0	14.5
31	13.3		15.7		17.1		13.8	16.9		17.1		12.5

Cuadro 20

PUNTO DE ROCIO, A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	12.8	11.4	13.0	14 0	15.1	14 7	14.5	15.7	14.9	14.9	13.6	13.8
2	11.4	12.2	13.3	12.8	14.7	14.2	15.3	12.8	14.9	14.4	13.8	13.8
3	12.4	12.5	13.6	12.2	12.8	14.9	14.4	13.0	15.5	14.9	14 5	12.3
4	12.6	12.8	12.3	12 2	15.7	15.7	13.6	14.5	14.9	14.7	14.2	11.4
5	14.1	13.1	10.0	12.0	15.1	15.3	13.6	15 1	14.2	14.7	14.4	11.2
6	11.4	12.0	10.0	13.0	15 1	14.9	13 8	14.4	14 5	14.9	14.4	12.2
7	11.4	13.6	12 5	14.9	14.4	13.3	14.2	13.6	15.3	14.4	13.6	13.6
8	12.0	12 2	12.5	14.1	16.3	14.7	13.3	14.5	14.4	14.7	14.2	13.0
9	13.0	11.9	13.1	14.7	15.9	15.9	13 8	13.6	14 2	12.3	14.2	13.0
10	13.0	12.3	13.0	13.8	15.7	14.9	14.7	14.9	13.6	14.2	13.8	12.8
11	12.8	11.7	14.2	13.2	16.1	14.9	14.5	14.9	13.6	15.7	13.8	12.5
12	11.2	11.4	13.5	15 5	16.1	14.2	14.4	13.8	14.9	15 7	13.0	13.3
13	11.4	12.2	13.3	14 0	16.7	14.0	13 3	14.0	14.2	15.3	14.9	13.0
14	11.5	12.2	12.3	15 3	15.5	14.5	13.5	14.7	13 8	14.0	14.7	11 7
15	12 3	13 0	12 8	14.9	14.2	14.4	14.7	14.2	13.1	14 5	13.3	12.5
16	12.3	13.6	13.6	15 7	13.8	14.2	14 2	13.8	13.1	13.6	12.6	12.3
17	10.8	12.8	14.2	14.9	14.7	14.2	14.0	14 2	13.6	14.7	13.0	12.5
18	14.2	12 8	13.3	14.5	14.7	13.8	14.9	14.4	14.0	14.0	12.0	13.3
19	11 5	14.0	13.3	16.0	15.1	14.0	14.9	15.1	14.4	14 5	13.1	12.0
20	11.4	14.0	13.6	15.3	14 7	14.0	15 5	15.3	14.9	14.2	14.2	12.3
21	12.3	12.3	13.0	14.9	14.0	13.6	13.6	14.7	14.4	12.8	13.3	12.6
22	13.0	12.2	14.7	15.7	13.3	13.6	14.9	14.5	14.2	12.0	14.0	11.7
23	11.7	11.8	15.7	15.7	14.2	13.8	15.1	14.4	14.0	11 5	13.8	10.5
24	12.5	11.5	15.2	15.7	14.4	13.8	15 9	14 4	14.4	11.8	13.6	10.7
25	14.5	12 8	13.6	15.7	14.7	13.6	14.9	13.8	14.4	12.6	13.3	10.5
26	12.3	13.0	12.8	15.9	14.0	13.6	14.7	14.5	13.8	13.5	14 5	10.9
27	13 3	12 5	14.5	14.9	15.1	13.1	14.2	14.2	15.5	13.5	13.6	12.5
28	12.5	13.0	13.6	15.9	14.2	14.2	14.7	14.2	14.9	13.1	13.3	11.2
29	10.0		12.0	15 5	13.6	13.6	14.2	14.0	14.0	13.8	13.5	12 3
30	10.5		13.8	15.7	14.2	15.1	13.6	13.8	13.3	13.1	13.0	10.9
31	11.2		14.9		14.0		12.3	13.8		14.5		12.0

Cuadro 21

PUNTO DE ROCIO, MEDIO

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	12 9	11.2	13.6	14.2	14.8	14.5	14.4	14 2	14.6	15.2	14.2	13.8
2	11.9	12.2	14.1	12.8	14.3	14.4	14.8	13.7	15.3	14.6	14.2	13.9
3	12 4	12.6	13.0	13.1	14.2	15.1	14.7	14.1	15.6	14.7	14.4	13.0
4	12.9	12.5	12.9	12.0	14.9	16.1	14.0	14.8	15.4	14.8	14.2	12.0
5	13.6	12 2	11.7	12.1	15.1	15.9	14.2	14.9	15 3	14.8	14.4	11.1
6	12.5	12.2	10 1	13.4	15.3	14.9	13.7	14 8	15.2	14.9	14.9	12.2
7	11.6	13.5	11.2	14.1	14 2	14 6	14.4	14.2	15.3	14.6	14.2	13.0
8	12.3	13.0	12.9	13.9	15.5	14.8	14.3	14.5	14.8	14.5	14.2	13.2
9	13.0	11.8	13.3	14.5	14.5	15.4	14.0	14.5	15.4	13.4	14.3	12.9
10	13.0	13.1	13.2	14 3	15 1	14.7	13.8	14.3	13.8	14.2	14.4	12.4
11	13.0	12.2	13.4	14 6	15.1	14.3	14.2	14.5	14.2	15.0	14.1	12.4
12	11 9	11.7	13.7	15.6	15.3	14 5	14.4	14.5	14.9	15.1	14.0	12.7
13	11.0	11.9	13.2	15 2	15 4	14.3	14.5	14.1	14.8	15.2	14.5	12.7
14	11.7	12.1	14.0	15.2	14.7	14.9	14.0	14.3	14.3	14.8	14.3	12.2
15	12.3	12.7	13.4	15.2	14.5	14.4	14 0	14.0	13.3	14.8	13.5	12.3
16	12.5	13.4	13.7	15.7	14.5	14.2	14 2	13.3	13.7	14.8	12.5	12.4
17	11.9	13.1	14.4	14.9	14.8	14.1	14.3	14.5	14.0	15.0	12.8	12.8
18	12.9	13.1	13.8	15.4	14.9	14.0	15.2	14.5	14.3	14.1	12.4	13.4
19	11.8	12.9	14.1	15.5	15.0	15.2	14.9	14.9	14.4	13.9	12.7	12.6
20	12.1	13.2	14.0	15.3	14.7	14.7	14.5	14.9	14 8	13.9	13.5	11.8
21	12.2	12.1	13.6	14.6	14.3	14 4	13.0	14.9	14.4	13.4	13.3	12.9
22	12.3	13.5	14.1	15.6	13.8	14.0	14.8	14.6	14.4	12.4	13.9	12.1
23	12.2	12.9	15.3	16.0	14.2	14.1	14.7	15.1	14.2	12.1	13.7	11.0
24	12.6	11.3	15.0	15.3	14.6	14.6	15.3	15.0	14.1	12.4	13.7	10.8
25	13.2	12.4	14.0	15.5	15.1	14.4	14.9	14.3	14.8	12.6	13.4	10.7
26	13.2	12.2	13.2	15 6	14 4	14.4	14.5	13.9	14.7	13.7	13.9	11.3
27	12.4	12.1	13.5	14.6	14.9	13.8	14.1	14.9	14.8	13.7	13.5	12.3
28	12.9	12.9	12.8	15.0	15.0	14.3	14.1	14.4	14.6	13.3	13.8	12.0
29	10.9		12 2	15.1	14 6	13.7	14.3	15.5	15.1	14.0	13.4	12.4
30	10.9		13 7	15.6	15.0	14.4	14.2	14.3	14.3	14 0	13.1	12.1
31	11.3		14.5		15.1		13.0	14.6		15.1		11.2

Cuadro 22

TENSION DEL VAPOR DE AGUA EN MILIMETROS, A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11.34	9.22	11.86	12.23	12.05	13.21	13.25	12.62	12.90	13.78	13.21	11.31
2	10 00	10.54	12.73	11 38	11.64	12 81	12.69	12.36	13.73	13.21	12.81	12.65
3	10.15	11.04	9.64	12.86	12.14	12.99	13 74	12.90	14.10	13 42	12.86	11.59
4	11.69	10.58	11.61	10.12	12.14	14.38	12 57	12 86	14.70	13.42	12.62	10.38
5	10 63	10.09	11.57	10 38	13.21	14 44	12.94	13.47	11.10	13.42	12.90	9.21
6	11 59	10 77	6 93	10.61	13.10	13.25	12.40	13.25	14 38	12.62	12.90	10.32
7	9.24	11.27	7.18	10.84	12.90	13 57	12.86	13 47	13.21	12.90	12.90	10.55
8	9 93	11.56	10.61	11 61	13.25	12 67	13 47	12.99	13.21	13 25	12.36	11.80
9	11.14	10.09	11.34	11 98	12.14	13.35	13.47	12.65	14.10	12 81	13.21	12.04
10	11 51	12.29	11.86	12.43	12 36	13.16	11.41	11.61	12.86	12.54	13.73	9.91
11	11.61	10.61	10.84	12.79	12.99	12.90	12.69	12.36	13.21	12 62	12.86	10.80
12	10.40	10.54	11.94	14.60	13.30	12 47	12 69	12.65	13.21	13.21	12.36	10.55
13	8.56	9 23	10.66	13.88	13.68	12.90	13 21	12.14	12.62	13 47	11.56	11.04
14	9 67	10.54	13.95	12 27	12.99	14.05	12.04	12 33	13 78	14 10	12.90	11.29
15	10 34	11.00	11.14	12 73	12.99	13.21	12.10	12.36	12.86	13.47	11.81	9.67
16	11.04	11.04	10 36	13.35	12 14	12.90	12.94	12 90	13.42	14.38	11.08	10.78
17	10 80	11.44	12.40	11.51	13 52	13.16	12.90	12 65	12.81	13 16	10 84	11 27
18	9.42	11.27	12.79	14.27	13.25	13 21	13.52	12.65	12.04	12 36	10.80	11.27
19	12 04	11.06	12.99	13 57	13 52	13 21	13.47	13 25	13 73	11 59	10.80	12.04
20	10 80	10.54	12.43	12 99	13.25	13 47	11.59	13 52	12 86	10 82	11 08	9.19
21	10 09	10 32	12.90	11.29	13.25	13.73	11.29	13.47	13.21	12 36	11.93	11.29
22	11 04	12.36	11.14	12 94	12 99	12 36	13.52	12 90	13.73	11 08	12.36	10.78
23	9 85	12 36	13.62	14.16	12 99	12 90	13.73	13.47	13 21	10 33	12.33	8 99
24	12.29	8.78	12.99	11 44	13.83	13 73	13.73	13.52	13 25	10.82	12.14	8.99
25	11 27	10.54	12.21	13.21	14.10	13.47	13 73	12.81	13 73	10.34	11.83	9.42
26	12.29	8.77	11.10	12.14	13.21	13.21	13.21	12 62	13 47	12.33	11.81	9.22
27	9.20	10.08	11.58	12 14	13.52	13.12	12.86	12 99	13.73	12.36	12 81	10.09
28	11.27	11.53	9.48	12.43	13.47	12 86	11.56	12.90	12.81	12.33	12 36	11.29
29	9.64		9 91	12.83	13.21	12 86	12.65	15.08	14.38	12.33	11 81	10.57
30	9.42		11.08	13.35	13.52	12.62	13.21	12 69	13.73	12.36	11.81	10.34
31	9.20		11.94		13.57		12.36	12.65		13.25		8.36

Cuadro 23

TENSION DEL VAPOR DE AGUA EN MILIMETROS, A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11 55	9 00	12.04	11.84	12.91	14.05	13.64	11.55	13 42	14 35	13.07	13.48
2	11.50	11 24	13.13	9 52	12.13	13.85	13.85	13 78	15.44	14 13	13.56	13.52
3	11.42	10.74	12.65	11.95	14.89	15.16	13 09	14.55	14.22	14.27	14.00	12.61
4	11.35	10.22	11.01	10.49	12.56	16.02	13.98	15.36	15 47	14.40	13.98	11.20
5	11.23	10.31	9.74	9.44	14 01	15 62	13.35	14 43	14.56	14.62	13.78	10.31
6	11.98	11.13	8.84	13.28	14.22	13.70	12.13	14.20	15.20	15.54	14.94	11.50
7	10.74	12.43	9.15	12.84	11 02	14.05	13.70	13.28	15 36	14 43	14.00	11.98
8	11.55	11.83	12.10	12.86	13.42	12.79	14.43	13,13	15 75	13 92	13.56	12.61
9	12.12	9.23	11.65	13.06	12.11	14.20	11.98	15.16	15.84	13.31	14.05	9.77
10	10.58	12.98	12.72	13.77	14.43	13.42	11.71	13.64	14.16	13 72	13.78	11.93
11	10.05	10.61	11.11	14.12	12.56	12.04	12.68	14.13	15.05	14.28	13 92	11.71
12	10.21	9.87	11.60	12.63	12.79	14.33	13.35	14.78	15.05	14.40	14.40	11.64
13	10 11	10.53	11.64	14.39	11.23	13.81	14.65	14.63	15.44	15.63	14.65	11.71
14	10.90	9.91	12.66	14.39	13.00	14.13	14.20	13.64	14 65	14.76	12.95	10.73
15	10.05	11.18	12.65	14.39	12.13	13.00	12.89	14.39	13.42	14.62	13.64	11.77
16	10.69	11 50	12.99	13.73	15.89	14.49	12.51	9.37	14.10	14.62	10.99	11.55
17	11.09	11.76	12.91	14.31	14.27	13.68	13.13	14.40	14.49	15.41	12.04	12.18
18	11.83	10.80	12.56	14.35	13.98	14 38	14.65	13.70	15 63	13.56	12.04	13.06
19	6.99	8.58	12.49	13.64	13.65	16 29	13.77	14.40	14.03	12.79	11.98	11.93
20	11.55	10.70	12.04	14.31	14.27	14.70	13.70	13.78	15.30	14 20	12.89	11.42
21	11.34	8.62	11.32	14.03	13.00	14.49	11 98	13.98	14.49	12 89	12.48	12.40
22	9.74	12.49	12.79	13.47	12.83	14.05	13.78	13.65	14.70	12.09	12.95	11.71
23	12.09	11.65	10.90	14.12	13.40	14.07	13.64	14.81	14.49	12.67	12.46	10.19
24	8.51	10.73	12.99	14.21	14.43	14.76	14.43	14.61	12.98	12 04	12.46	10.10
25	8 93	10.43	11.63	13.38	14.20	14.76	13.52	15.18	14.76	12.07	12.74	11.29
26	11.65	11.01	10.58	14.63	14.83	14.62	14.07	13 78	14.78	13.42	12.95	11.09
27	10.68	10.38	10.10	12.91	14.69	13.46	12.95	15.58	11.79	13.74	11.77	11.77
28	11.73	10.10	9.88	12.48	15.79	13.85	13.35	14 45	13.00	13.83	13.50	10.95
29	9.80		10.48	11.83	15.28	13.25	13.85	15.19	15.63	14.63	12.61	11.55
30	9.26		12.35	13.65	14.95	14.62	13.98	13.28	13.85	14.62	11.82	13.25
31	10.13		12.79		14.59		11.55	14.73		15.87		9.74

Cuadro 24

TENSION DEL VAPOR DE AGUA EN MILIMETROS, A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11.94	10.19	12.19	12.25	14 70	14.16	13 88	15.34	14.65	14 44	13.21	13 47
2	10.27	11.38	12.05	11.09	14.16	13.78	14 90	12 36	14.65	13 83	13.47	13.47
3	11.40	11.86	12.79	10.74	10.44	14 44	13.41	12 62	15 05	14.65	14 10	11 41
4	11.61	12.36	11.41	11.17	15.12	15.34	12 99	13 88	14 65	14.38	13.78	10 40
5	13 52	12.65	8.57	10.07	14 60	14 56	12.57	14 70	13.78	14.16	14 05	10.58
6	10.10	11.34	8.57	11.13	14 70	14.44	12 62	13 41	14.10	14.65	13 83	11 38
7	10.40	13.21	11.56	14.22	12.98	12.90	13 78	12 99	14 99	14.05	13.21	13.21
8	10.92	11.51	11 64	13.43	15 75	14 38	12 05	13.68	14 05	14 38	13 78	11.82
9	11.55	10.93	12.23	13.95	15 18	15 40	12 83	12.99	13 78	11.83	13.78	12.62
10	11.82	11 19	11 98	12.83	15 12	14.44	14 16	14.44	13 21	13.78	13.25	12.36
11	11.72	11.08	13.35	11.58	15 05	14.22	13 68	14 22	13 42	15.34	13 25	11.86
12	9.73	10 61	12.73	14.83	15 25	14 78	13 62	13 47	14.44	15 34	12 40	12.47
13	10.19	10.96	12.69	13.30	16 13	13 73	12 05	13 52	13 78	14 99	14 22	12.62
14	10.59	10.74	11 19	14.77	14.83	13.88	13 16	13 74	13.47	13 52	14 58	10 86
15	11.19	12 40	11.94	14.02	13 57	13 62	13 74	13 78	12 86	14 10	12 90	11.86
16	10.76	12.99	12.79	14.70	13 35	13 78	13.57	12 83	12.86	13 21	11 90	11.61
17	9.46	11 51	13.57	14 22	14 38	13 78	13.10	13 35	13.42	14 16	12 40	11.64
18	13 57	11.51	12.50	13.98	14.16	13 25	14 65	13 83	13.73	13 52	11.34	12 69
19	9.57	13.52	12.47	15.88	14 70	13 52	14 05	14.70	14.05	14.10	12 86	11.34
20	9.76	13.30	12.99	14.77	13 95	13.30	15 05	14.99	14 65	13 78	13 78	11.83
21	11.61	9 91	11.98	14.22	13 10	13 21	12 99	14 16	14 05	12 14	12 90	12 10
22	12.39	10.53	13.95	15.12	12 27	13.21	14 44	13.88	13.78	11.56	13 52	10.66
23	10 23	10.89	14.91	13.85	13.15	13 47	14.49	13.83	13.73	11 96	13.47	9.67
24	12.07	9.57	14.59	15.12	14 05	13 47	15 40	14 05	13 83	11 53	12 79	9 89
25	13 68	12.14	12.14	15.12	14 16	12 99	14 44	13.47	14.05	12.10	12.69	9.45
26	10.76	12 62	10.66	15.40	13.30	13.21	14 38	14.10	13 25	12 94	14 10	10 34
27	12.69	12.07	13.68	14.22	14 70	12.86	13 57	13 78	15 05	13 16	13 21	11 64
28	11.01	11 98	12.79	15.40	13.78	13.78	14 38	13 78	14 65	12 86	13 12	10.16
29	8.57		10.07	14.83	13.21	13 21	13.78	13.52	13.52	13.47	13 16	11.41
30	9 45		13 04	15.12	13.57	14.49	13.21	12.19	12 90	12 86	12.39	9 92
31	10.16		14.22		13.30		11.61	12 40		14 10		11.14

Cuadro 25

TENSION DEL VAPOR DE AGUA EN MILIMETROS, MEDIA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11.61	9.47	12.03	12.11	13.22	13.81	13.59	13 17	13.66	14.19	13.16	12.75
2	10.59	11.05	12.64	10.66	12.64	13.48	13.91	12.83	14.61	13 72	13 28	13.21
3	10.99	11.21	11.69	11.85	12.49	14 20	13 41	13.36	14.46	14 11	13.65	11.87
4	11.55	11.05	11.34	10.59	13.27	15 25	13.18	14.03	14.94	14.07	13.46	10.66
5	12.46	11.02	9.96	9.96	13.94	14 87	12.95	14.20	14 15	14 07	13 58	10.03
6	11.22	11.08	8.11	11.67	14 01	13 80	12.38	13.62	14.56	14.27	13 86	11 07
7	10.13	12.30	9.30	12.63	12.30	13 51	13 45	13 25	14 52	13.93	13.37	11.91
8	10.80	11.63	11.45	12.63	14.14	13.28	13.32	13.27	14.34	13 85	13.23	12.08
9	11.60	10.08	11.73	13.00	13.14	14.32	12.76	13.60	14.57	12.65	13 68	11.48
10	11.30	12.15	12.19	13.01	13.97	13 34	12.43	13.23	13.41	13 35	13.59	11.40
11	11.12	10.77	11.77	12.83	13.53	13.05	13.02	13.57	13 89	14.08	13 34	11.48
12	10.11	10.34	12.09	14.02	13.78	13 53	13.22	13.63	14.23	14 32	13.05	11.55
13	9.62	10.24	11.66	13.86	13.68	13.49	13.30	13.43	13 95	14.70	13.48	11.79
14	10.39	10.40	12.60	13.81	13.61	14 02	13.13	13.24	13.97	14.13	13.41	10.96
15	10.53	11.53	11.91	13 71	12.90	13.28	12 91	13 51	13.05	14.06	12.78	11.10
16	10.83	11.84	12 05	13.93	13.79	13 72	13 01	11 70	13.46	14.07	11.32	11.31
17	10.45	11.57	12.96	13.35	14.06	13 54	13.04	13.47	13.57	14.24	11.76	11.70
18	11.61	11.19	12.62	14.20	13.80	13 61	14.27	13.39	13.80	13.15	11.39	12.34
19	9.53	11.05	12.65	14.36	13.96	14.34	13.96	14.12	13.93	12 83	11.88	11.77
20	10.70	11.51	12.49	14.02	13.82	13.82	13.45	14.10	14.21	12.93	12.58	10.81
21	11.01	9.62	12.07	13.18	13.12	13.81	12.09	13.87	13.92	12.46	12.40	11.93
22	11.06	11.80	12.63	13.84	12.70	13.54	13.91	13.48	14.07	11.58	12.94	11.05
23	10.76	11.63	13.14	14.04	13.18	13.48	14.29	14.04	13.81	11.35	12.75	9.62
24	10.96	9.69	13.52	13.59	14.10	13.99	14.52	14.06	13.29	11.46	12.46	9.66
25	11.29	11.04	11.99	13.90	14.15	13.74	13 90	13.82	14.18	11.50	12 42	9.99
26	11.57	10.80	10.78	14.06	13.78	13.68	13.89	13 50	14.83	12.90	12.62	10.22
27	10.86	10.84	11.79	13 09	14.30	13.48	13 13	14.12	13.52	13.09	12.60	11.17
28	11.34	11.20	10.72	13.77	14.35	13.50	14.00	13.71	13.49	13 67	12.99	11.80
29	9.34		10.15	13.16	13.90	13.11	13.43	14.60	14.51	13.48	12.53	11.18
30	9.38		12.16	14.04	14.01	13.91	13.47	12.99	13.49	13.28	12.01	11.17
31	9 83		12.98		13.82		11.84	13.26		14.41		9.75

Cuadro 26

PORCENTAJE DE HUMEDAD RELATIVA, A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	86	80	88	84	76	91	95	93	93	92	91	89
2	80	94	85	84	84	96	87	91	94	91	96	91
3	80	93	92	95	72	88	92	93	92	95	95	88
4	93	87	86	81	87	93	95	95	93	95	93	82
5	96	91	81	82	91	91	90	94	91	95	93	82
6	88	96	72	84	83	90	89	90	93	93	93	92
7	72	95	77	85	93	89	95	94	91	93	93	90
8	76	91	84	85	90	76	94	87	91	95	91	93
9	82	91	88	81	87	85	94	91	92	96	91	94
10	96	96	88	86	92	94	83	85	95	97	94	82
11	86	84	85	84	88	93	87	91	91	93	95	92
12	79	94	83	88	87	83	87	91	91	91	91	90
13	82	78	79	88	84	93	91	87	93	94	91	93
14	82	94	86	80	88	94	94	94	93	92	93	92
15	87	98	82	86	88	91	90	91	95	94	93	82
16	93	93	84	85	87	92	90	93	95	93	88	94
17	92	90	89	75	91	94	93	91	96	94	85	96
18	92	96	84	85	89	91	91	91	94	91	92	96
19	94	90	88	89	90	91	94	95	94	87	92	94
20	92	94	86	88	89	93	87	91	95	89	88	85
21	90	92	93	92	90	94	92	93	91	91	90	92
22	93	92	81	90	88	91	91	93	95	88	91	94
23	95	92	87	90	88	93	94	93	91	91	94	79
24	96	90	87	79	89	95	94	91	95	89	87	89
25	95	94	84	91	91	93	94	96	94	87	90	90
26	96	84	84	87	91	91	91	93	94	94	93	80
27	94	94	88	87	91	97	95	88	94	91	96	88
28	95	93	73	86	90	95	91	93	96	94	91	92
29	92		82	82	91	95	91	90	93	94	93	89
30	90		88	85	90	93	91	87	94	91	93	87
31	93		83		88		91	91		90		78

Cuadro 27

PORCENTAJE DE HUMEDAD RELATIVA, A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	60	49	50	45	51	78	73	60	63	65	62	61
2	59	61	62	40	47	68	68	70	71	69	66	77
3	61	48	57	64	61	71	60	76	61	77	71	66
4	56	46	50	57	46	68	73	74	89	71	73	64
5	58	52	53	43	58	68	64	69	59	74	70	65
6	67	55	44	58	61	64	62	68	77	79	67	62
7	60	55	42	53	43	63	62	65	74	78	71	58
8	60	53	54	59	55	56	69	62	90	76	66	66
9	66	40	50	55	54	68	58	71	71	75	78	52
10	48	75	73	62	64	63	56	65	90	66	70	68
11	43	53	48	58	51	56	64	69	92	66	76	66
12	52	50	50	45	54	72	64	71	81	71	71	62
13	62	55	52	58	45	71	66	84	71	84	66	66
14	61	47	59	58	64	64	68	65	95	80	66	58
15	43	54	58	58	49	64	67	90	95	74	73	64
16	48	46	50	51	81	89	60	45	92	74	60	60
17	56	56	52	58	75	84	62	71	89	77	65	61
18	53	41	68	65	65	93	66	62	84	66	65	62
19	32	35	53	58	52	87	60	71	87	61	67	68
20	60	42	50	61	77	72	62	70	79	68	67	65
21	57	33	50	51	64	78	67	65	89	67	67	63
22	53	53	54	44	69	86	70	63	92	74	66	66
23	54	57	37	50	74	80	65	63	89	76	62	57
24	36	58	51	49	91	80	69	68	75	65	62	62
25	34	49	44	45	68	80	61	87	80	63	68	72
26	49	50	39	53	89	74	80	93	71	70	66	67
27	43	49	42	51	81	73	66	76	50	82	64	64
28	52	42	39	47	81	68	64	78	57	89	68	61
29	50		47	41	76	76	68	71	84	84	66	60
30	50		49	52	73	74	73	58	68	74	61	78
31	48		54		60		60	65		78		53

Cuadro 28

PORCENTAJE DE HUMEDAD RELATIVA, A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	82	75	84	69	93	90	88	94	95	90	91	94
2	78	83	76	68	90	91	93	91	95	89	94	94
3	80	88	84	72	58	90	82	93	92	95	92	83
4	79	91	81	79	90	94	88	88	95	93	92	79
5	89	91	70	63	93	87	80	93	93	90	94	87
6	74	86	70	66	93	91	77	82	92	95	89	83
7	80	91	82	87	75	93	93	87	91	94	91	91
8	79	87	84	88	90	93	76	84	94	93	92	77
9	72	85	82	86	87	92	82	88	93	90	92	93
10	77	77	80	82	90	91	90	90	91	93	90	91
11	79	88	85	71	81	87	84	87	95	94	90	88
12	71	84	86	88	86	94	86	93	90	94	89	84
13	75	76	88	87	90	95	76	91	93	94	87	93
14	80	72	77	90	88	88	94	82	94	91	93	83
15	77	89	83	83	88	86	87	93	95	92	93	88
16	71	87	84	82	90	92	89	82	95	91	86	85
17	70	75	89	87	93	93	83	85	95	90	89	84
18	89	75	85	88	89	90	94	89	94	91	88	88
19	63	91	84	98	93	91	95	93	94	92	95	86
20	68	87	88	91	86	87	92	94	96	93	92	90
21	86	57	80	87	83	91	87	90	94	87	93	90
22	89	68	86	90	80	91	90	88	92	91	91	79
23	70	80	86	68	80	93	89	89	94	90	94	82
24	92	62	90	89	94	93	92	94	89	93	84	83
25	84	87	72	89	90	88	90	93	94	90	88	78
26	70	93	61	91	87	91	93	91	90	90	92	87
27	88	92	84	87	93	95	89	93	92	94	91	84
28	72	80	84	91	94	93	93	93	94	95	97	78
29	70		63	89	91	91	93	91	91	94	94	83
30	78		85	90	88	89	91	70	93	95	89	79
31	78		87		87		85	74		92		82

Cuadro 29

PORCENTAJE DE HUMEDAD RELATIVA, MEDIA

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	76	68	74	66	73	86	85	82	84	82	83	81
2	72	79	74	64	74	85	83	84	87	83	85	87
3	74	76	78	77	64	83	78	87	82	89	86	79
4	76	75	72	72	74	85	85	86	92	86	86	75
5	81	78	68	63	81	82	78	85	81	86	86	78
6	76	79	62	69	79	82	76	80	87	89	86	79
7	71	80	67	75	70	82	83	82	86	88	85	80
8	72	77	74	77	78	75	80	77	92	88	83	79
9	73	72	73	74	76	82	78	83	85	87	87	80
10	74	83	80	71	82	83	76	80	92	85	85	80
11	69	75	73	71	73	79	78	82	93	84	87	83
12	67	76	73	74	76	83	79	85	87	85	84	79
13	73	70	73	78	73	86	78	87	86	91	81	84
14	74	71	74	76	80	84	85	80	94	88	84	78
15	69	80	74	76	75	80	81	91	95	87	86	78
16	71	75	73	73	86	91	80	73	94	86	78	80
17	73	74	77	73	86	90	79	82	93	87	80	80
18	78	71	79	79	81	91	84	81	91	83	82	82
19	63	72	75	82	78	90	83	86	92	80	85	83
20	73	74	75	80	84	84	80	85	90	83	82	80
21	78	61	74	77	79	88	82	83	91	82	83	82
22	78	71	74	75	79	89	84	81	93	84	83	80
23	73	76	70	69	81	89	83	82	91	86	83	73
24	75	70	76	72	91	89	85	84	86	82	78	78
25	71	77	67	75	83	87	82	92	89	80	82	80
26	72	76	61	77	89	85	88	92	85	85	84	78
27	75	78	71	75	88	88	83	86	79	89	84	79
28	73	72	65	75	88	85	83	88	82	93	85	77
29	71		64	71	86	87	84	84	89	91	84	77
30	73		74	76	84	85	85	72	85	87	81	81
31	73		75		78		79	77		87		71

Cuadro 30

PESO DE UN METRO CUBICO DE VAPOR DE AGUA EN GRAMOS, A LAS 7 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11.27	9.30	11.88	12.41	11 82	13.05	13 22	12.55	12.96	13 59	13.05	11 32
2	10.05	10.58	12 56	11.34	11.69	12.58	12.48	12.86	13.49	13 05	12.58	12.65
3	10.18	11.13	9 72	12.82	11.98	13.00	13 68	12.96	14.00	13.22	12 83	11.53
4	11.62	10.70	11.61	10.00	12 11	14.15	12 45	12.83	14.59	13 22	12.55	10.43
5	10.57	10.25	11 27	10.43	13.06	14.28	12.91	13 49	13.89	13 22	12.96	9.23
6	11 53	10.80	6 85	10.68	13 02	13.30	12 39	13 30	14 15	12.55	12.96	10.35
7	9.16	11.37	7 39	10 81	12.95	13.54	12.83	13.49	13.05	12 96	12.96	10.45
8	9.93	11.58	10 68	11.48	13.30	12.65	13 49	12 86	13.05	12.96	12.28	11.82
9	11.07	10.25	11.53	12.00	12 18	13 34	13 49	12.65	14.00	12.58	13.05	11.75
10	11.49	12.21	11.92	12 34	12.41	13.14	11 55	11.48	12 83	12.34	13.49	10.15
11	11.61	10.68	10.81	12.78	13 00	12.95	12 48	12.28	13 05	12 55	12.83	11 01
12	10.36	10 58	11.90	14 22	13.24	12 28	12 48	12 65	13 05	13.05	12 28	10.45
13	8.66	9.33	10 66	13.88	13 57	12.95	13.05	12 11	12 55	13 49	11.58	11.13
14	9.81	10 58	13.90	12.17	13.00	13.89	11.75	12.32	13 75	14.00	12.96	11.35
15	10.41	11.03	11.07	12 69	13 00	13.06	12 15	12 28	12 83	13.49	11.82	9.81
16	11.13	11.13	10 36	13 34	12.11	12 81	12 91	12 96	13.22	14.15	11.19	10.91
17	11.01	11.45	12 39	11.42	13 45	13 08	12 96	12 65	12.58	13.08	10.81	11.49
18	9.72	11 49	12.78	14 14	13 15	13 06	13 45	12.65	11 75	12 28	11.01	11.49
19	11.75	11 11	13 00	13.55	13 31	13 06	13 49	13 22	13 49	11 40	11.01	11.75
20	11.01	10.58	12.34	13 01	13 16	13 35	11 40	13.45	12 83	10.89	11.19	9.28
21	10.13	10.35	12.94	11 35	13 30	13.49	11 36	13 34	13.06	12.28	11.80	11.35
22	11.13	12.41	10.94	12 91	13.00	12.28	13 45	12 96	13.63	11.19	12.28	10.91
23	10.04	12.41	13.65	14.12	13.00	12.95	13 49	13 34	13.06	10.56	12.32	9.10
24	12.21	8 94	12 86	11.41	13 54	13.63	13 49	13.45	13.22	10 89	12 11	9.12
25	11 37	10.58	12 05	13 06	13 89	13.35	13 49	12.58	13.49	10 41	11.80	9.51
26	12.21	8.88	11 01	12 11	13 06	13.06	13 05	12 55	13.49	12 32	11.82	9.30
27	9.33	10 25	11.53	12.11	13 45	13 09	12 83	13 00	13.49	12 28	12.58	10.21
28	11.31	11.47	9 28	12.34	13.38	12 83	11.58	12 96	12 58	12 32	12.28	11.35
29	9 72		10 11	12.86	13.06	12 83	12 65	14 97	14 15	12.32	11 82	10.65
30	9.51		11.19	13.34	13.30	12 55	13 05	12.48	13.49	12 28	11.82	10.41
31	9.23		11.91		13.39		12 38	12.65		13.30		8.24

Cuadro 31

PESO DE UN METRO CUBICO DE VAPOR DE AGUA EN GRAMOS, A LAS 13 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11.21	8 89	11.66	11.14	12.30	13.75	13.25	11.21	13.20	14.01	12 63	13.15
2	10.34	11.07	13.10	9.12	11.66	13 85	13.46	13.46	14.89	13.66	13.07	13.18
3	11.20	10.34	12.28	11.74	14.30	14 88	12 58	14 20	13.90	14.38	13.64	12.33
4	10.15	9.92	10.78	10.35	12.05	15.50	13.64	15 07	15.24	14 05	13 64	11 27
5	12.83	9 99	9.62	9.27	13.60	15.08	13 03	14 05	13.92	14 22	13.46	10.20
6	11.81	10.94	8.75	12.86	13.90	13 42	11 91	13.85	14.80	15 18	14 44	11.25
7	10.51	12.19	8 80	12 43	10.66	13.58	13 00	12 86	15.07	14 57	13 64	11.81
8	11.21	11.42	11 64	12.37	12.90	12 76	14 05	13 00	15.40	13.79	13 07	12 33
9	11.84	8 87	11.40	12.54	11 74	13.85	11.81	14 88	15 30	13.02	13.75	9.71
10	10.35	12 85	12.50	13.37	14 19	13 20	11.41	13 37	14.08	13.32	13 46	11.64
11	9.80	10.49	10.94	14.46	11 96	11 74	12 30	13 66	14.86	13.84	13.79	11.63
12	9.99	9.84	11.09	12 11	12 30	13.14	13 03	14 46	14.60	14 05	14.05	11.45
13	10.02	10.27	11.21	14.00	10 85	13 57	14.23	14 38	14.89	15.25	14.23	11.63
14	10.82	9.85	12.22	13.99	12 64	13.66	13.85	13.37	14 45	14.52	12.68	10.52
15	9 80	11.00	12.50	13.89	12 15	12.67	12 52	14 12	13.22	14 22	13.25	11.62
16	10.35	11.10	12 40	13.37	15.46	14 38	12 22	9 17	14.00	14.22	10.89	11.21
17	10 76	11.74	12.50	13 60	14.01	13 57	13 00	14.05	14 38	14.98	11.80	12.07
18	11 42	10.45	12.34	14.01	13 62	14.15	14 23	13 00	15.25	13.07	11.80	12.62
19	6 90	8.44	12.08	13.22	10.90	16 25	12.93	14.05	13.89	12.42	11.60	11.64
20	11.20	10 44	11.66	14.30	14.38	14.25	13 00	13.46	14.78	13 85	12.52	11.13
21	10 95	8.18	11.08	13.37	12.66	14.14	11 60	12.62	14.37	12.52	12.52	12.11
22	9.62	12 08	12 30	12.89	12 42	14 90	13 46	13.20	14.43	11.78	12.68	11.63
23	11 64	11 30	11.12	13 46	12.82	13.69	13 37	14.35	14.37	12.65	12.27	9.84
24	8.21	10.52	12.62	13.57	14 28	14.52	14 05	14.16	12.84	11 80	12.28	10.02
25	8 67	10.08	11.21	12.81	13.85	14.52	12 79	14.89	14.52	11.77	12 48	11.29
26	11.17	10.78	10 22	13.89	14.81	14 22	13 69	13.75	14.46	13.07	12.68	10.82
27	10.37	9.98	9.85	12.30	14 28	13.10	12 68	15 04	11.09	13.64	11.62	11.62
28	11.32	9.85	9.40	11.98	15 57	13.46	13 03	14 15	12.64	13.54	13.07	10.75
29	9.61		10.13	11.36	15.04	13.01	13 46	14.96	15.25	14.38	12.33	11.21
30	9 07		11.82	13.25	15.13	14.22	13.64	12.86	13.46	14.22	11.39	13.35
31	9.78		12 30		14.07		11.21	14.41		15.44		9.63

Cuadro 32

PESO DE UN METRO CUBICO DE VAPOR DE AGUA ATMOSFERICO EN GRAMOS, A LAS 19 HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11 77	10 13	12.05	12.16	14 59	14 12	13 80	15 19	14 45	14 28	13 05	13 49
2	10 40	11 21	11.92	10.98	14 08	13 44	14 76	12 86	14 45	13.54	13 49	13 49
3	11 34	11 88	12 78	10 64	10 22	14 12	13 25	12 55	14 86	14 45	14 00	11 55
4	11 47	12 28	11.27	11 00	14 98	15 19	13 00	13 80	14 45	14 15	13 59	10.36
5	13 39	12 65	8 55	9 88	14 59	14 49	12 55	14 59	13.75	14 08	13 89	10 70
6	10.11	11 27	8.64	10 95	14 69	14 28	12 44	13 25	14 00	14 45	13 54	11.21
7	10.45	13 05	11 41	14 05	12 84	12 96	13 75	12 84	14 74	13 89	13 05	13 05
8	11 00	11 40	11.69	13 39	15 40	14 15	11 92	13 57	13 89	14 15	13 59	11.71
9	11 30	10 81	12 12	13 90	14 89	15 30	12 95	13 00	13 75	11 85	13 59	12 55
10	11 71	11 05	11 82	12 87	14.98	14 28	14 12	14.28	13.05	13 75	13 30	12 28
11	11.66	11 19	13 34	11 47	14.60	14 05	13 57	14.05	13 22	15 19	13 30	11 92
12	9 88	10 68	12 71	14 59	15 16	13 89	13 49	13 34	14 28	15 19	12 39	12 42
13	10 12	10 91	12 63	13 24	15 86	13 05	11 92	13.45	13 75	14 74	14 05	12 55
14	10 49	10 64	11 05	14 54	14 64	13 80	13 14	13 64	13 49	13 45	14.15	10 88
15	11.05	12 39	11 91	13 81	13 39	13 49	13 65	13 75	12 83	14 00	12 96	11 92
16	10 80	12 86	12 78	14 46	13 30	13 60	13 55	12.86	12 83	13 05	11 93	11 48
17	9 45	11 41	13 55	14 06	14 15	13 75	13 02	13.34	13 22	14 08	12 39	11 69
18	13.55	11 42	12.56	13 80	13.91	13 30	14 30	13 54	13 49	13 45	11 53	12 63
19	9 58	13 45	12 42	15 56	14 59	13 45	14 45	14 59	13 89	14 00	12 83	11 27
20	9 76	13 24	13 00	14 71	13.90	13 24	14 86	14 74	14 61	13 75	13 39	11 85
21	11 61	9 75	11 82	14 05	13 02	13 06	12 86	14 08	13 89	12.11	12 96	12 15
22	12 39	10 35	13.90	14 93	12 17	13 06	14 28	13 80	13 59	11 58	13 45	10.66
23	10.04	10 80	14 72	13 46	12 92	13 35	14 38	13 54	13 49	11.11	13 49	9.82
24	12 06	9 44	14 54	14 41	13 82	13 35	15 30	13 89	13 54	11 39	12.78	9 94
25	13 57	12 11	11 68	14 81	14.12	13 00	14 28	13 34	13 89	12 15	12 63	9 61
26	10 65	12 55	10 35	15 14	13 24	13 06	14 15	13 89	13 30	12 91	14 00	10 41
27	12 63	12.06	13 57	14 05	14 59	12 83	13.55	13 75	14 86	13 08	13 05	11.69
28	10 96	11 82	12.78	15 14	13 89	13 54	14 15	13.74	13 49	12.83	13 09	10 22
29	8.64		9 85	14 81	13 06	13 06	13 75	13 45	13 45	13 49	13.14	11 55
30	9 61		12.94	14.97	13 39	14 38	13 05	11 98	12.96	12 83	12 39	10.04
31	10 22		14.05		13 24		11 48	12.31		14.00		11.07

Cuadro 33

PESO DE UN METRO CUBICO DE VAPOR DE AGUA ATMOSFERICO EN GRAMOS. MEDIO

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	11 42	9 44	11 86	11 90	12 90	13 64	13 42	12 98	13 54	13 96	12 91	12 65
2	10 26	10.95	12 49	10 48	12 48	13 29	13 57	13.06	14 28	13 42	13 05	13 11
3	10.91	11 12	11.59	11 73	12 17	14 00	13.17	13.24	14.25	14 02	13 49	11 80
4	11 08	10 97	11.22	10 45	13 05	14 95	13 03	13.90	14 76	13 81	13.26	10 69
5	12.26	10.96	9 78	9 86	13 75	14 62	12 83	14 04	13 85	13.84	13 44	10 04
6	11 15	11 00	8.08	11 50	13.87	13 66	12 25	13 47	14 32	14 06	13 65	10 94
7	10 04	12 20	9.17	12 43	12 08	13 36	13 19	13 06	14 25	13 81	13 22	11 77
8	10 71	11 47	11 34	12 41	13 87	13.18	13 15	13 14	14 11	13 72	12 98	11 95
9	11.40	9 94	11 35	12 61	12.94	14 16	12 75	13 51	14.35	12 48	13.46	11 34
10	11 18	12 04	12 08	12 86	13 86	13 54	12 36	13 04	13 32	13 14	13 42	11 36
11	11 02	10 79	11 70	12 90	13 19	12 91	12 78	13 33	13 71	13.86	13.31	11 52
12	10 08	10 37	11 90	13.64	13 57	13 34	13 00	13 48	13 98	14 10	12.91	11 44
13	9 60	10 17	11 50	13 71	13 43	13 19	13 07	13.31	13 73	14 49	13.29	11.77
14	10 37	10 36	12 39	13.57	13 43	13 78	12 91	13 11	13 90	13 99	13 26	10.92
15	10.42	11.47	11 83	13 46	12.85	13 07	12 77	13 38	12 96	13 90	12.68	11.12
16	10.76	11 73	11 85	13 72	13 62	13 60	12 69	11 66	13.35	13 81	11.34	11 20
17	10 41	11.53	12.81	13 03	13 87	13 47	12 99	13.35	13 39	14.05	11.67	11 75
18	11 56	11 12	12.56	13 98	13.56	13 50	13 99	13 06	13 50	12 93	11.45	12 25
19	9 41	11 00	12 50	14.11	12 60	14 25	13 62	13 95	13 76	12 61	11.81	11.55
20	10 66	11 42	12.33	14 01	13.81	13 61	13 09	13 88	13 74	12 83	12.43	10 75
21	10.90	9 43	11 95	12 92	12.96	13 56	11 94	13 68	13 44	12 30	12 43	11 87
22	11.05	11 61	12 38	13 58	12.53	13 08	13 73	13 32	13 88	11 52	12.80	11 07
23	10 57	11 50	13 16	13 68	12.91	13 33	13.75	13 75	13.64	11.44	12 69	9 59
24	10 83	9 63	13 34	13 13	13 88	13 83	14.28	14.17	13.20	11.36	12.39	9 69
25	11.20	10 92	11 75	13 56	13.95	13 96	13.52	13 60	13.97	11 44	12 30	10.14
26	11.34	10.74	10.53	13.71	13 70	13 45	13.63	13 40	13 75	12.77	12 83	11.18
27	10 78	10.76	11.65	12 82	14.11	13 01	13.02	13.93	13.15	13 00	12 42	11.17
28	11.20	11.05	10 49	13.15	14.28	13 28	12 92	13 62	12 90	12 90	12 81	10.77
29	9 32		10 06	13.01	13 72	12 97	13.29	14.46	14.28	14 00	12.43	11 14
30	9.40		11.98	13 85	13.94	13.72	13.25	12 44	13.30	13 11	11 87	11.30
31	9.74		12.75		13.57		11.69	13.12		14 25		9.64

Cuadro 34

VELOCIDAD MAXIMA DEL VIENTO EN METROS POR SEGUNDO

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	9.25	9.26	7.93	9.26	11.11	6.67	8.89	9.16	5.56	5.00	6.67	7.22
2	13.89	11.11	9.26	12.22	7.78	6.39	12.22	8.89	5.56	7.78	5.00	7.22
3	10.10	9.26	9.26	13.33	13 89	8.89	10.56	3.33	5.56	7.78	6.67	12.78
4	5 56	5.56	11.11	15.00	11.11	7.22	8.33	5 56	4.72	7 78	10.56	13.89
5	4 16	11.11	13.89	12.77	8.33	6 67	10.56	8.89	6.11	8.33	8.33	11.67
6	13.89	6.94	13.89	9.16	6.11	8.89	13.33	7.78	4.44	6.11	6.67	6.11
7	13.89	9.26	9.26	6.94	12.22	8.33	11.11	7.22	5.56	6.11	6.11	.....
8	13.89	6.94	9.26	9.44	11.11	6.38	13.05	8.33	4.16	6.67	8.89	.....
9	9.25	6.94	9.26	11.94	12 78	8.33	9.44	10.00	3.89	8.89	6.67	.....
10	4.16	9.26	9.26	10.83	10.00	8.89	10 00	8.89	4.44	6.11	6.94	13.89
11	6.94	13.89	5.56	10 55	10.55	8.61	9.16	6.67	7.78	6.67	7.78	8.89
12	13.89	13.89	9.26	8.60	9.44	6.39	10.83	6.94	6.11	6.11	6.67	9.44
13	9.25	9.26	9.26	11.39	12.22	6.11	8.33	5.27	5.00	4.44	5.00	11.67
14	9 25	11.11	9.26	9.26	7.78	8.33	6.67	7.78	3.61	5.56	8.33	10.28
15	4.72	8.33	10.10	11.11	9.44	8 33	11.11	6.11	7.50	4.72	10.56	10.28
16	7.93	5 56	7.64	8.89	8.00	4.44	8.33	7 50	14.72	5.27	13.05	12.78
17	6.94	9.26	6 94	11.39	4.16	2.50	8 61	7.78	9.44	6.38	12 50	7.78
18	5.56	6.94	3.33	8.33	8.89	5.27	5.56	7.22	8 89	8 33	12 22	6.11
19	9.26	6.94	6.94	11.67	6.11	5.56	6.38	7.78	6.67	7.22	12.78	12.22
20	8.33	10.00	9.26	10 27	4.72	9.44	6.38	9.44	4.17	6.11	11.11	10 56
21	7.93	6 95	10.10	10.55	7.50	8.33	6.38	8.33	3 33	11.11	13.05	10.56
22	12.48	11.11	9.26	8.33	8 89	8.33	8.33	8 61	4.17	10.56	9.72	15.28
23	5.56	13.89	6.94	10.27	7 22	7.22	10.00	6 67	6.38	9.72	12.50	12.22
24	7.93	13.89	6 94	9 44	5.56	6 94	9.72	3 89	6.67	11.11	8.89	13.89
25	6.94	11.11	6.94	6.94	6.67	6.11	9.72	4 72	5.27	10.83	9.44	15.28
26	9.26	9.26	9 26	7 22	4.86	8 33	6.67	3.61	4.44	6.39	8.33	15.28
27	6.41	9.26	5.56	6.94	5 56	8.05	10 27	5 83	6.67	4 72	9.44	11.94
28	8.06	9 26	6.94	6.94	5.27	6.67	8 89	7.50	5.56	9.72	7.22	11.67
29	7.93		6.94	6.39	9.26	6.94	7 78	5.83	6.11	9.44	6.11	16.67
30	6.17		5.56	9.16	8.33	7.22	4.72	6.94	5 56	6.67	9.44	15.28
31	6.94		7.78		7.22		6.11	5.56		3 05		11.11

Cuadro 35

DIRECCION DOMINANTE DEL VIENTO

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE
1	NNE	NNE	SSW	NNE	SSW	SSW	NNE	NNE	NNE	NNE	NNE	NNE
2	,,	,,	NNE	,,	,,	,,	,,	,,	SSW	,,	,,	,,
3	,,	,,	SSW	,,	NNE	,,	,,	,,	NNE	,,	,,	,,
4	,,	SSE	,,	,,	SSW	,,	,,	,,	,,	,,	,,	,,
5	,,	SSW	NNE	,,	,,	,,	,,	,,	SSW	,,	,,	,,
6	N	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	NE
7	NNE	,,	SSW	,,	NNE	NNE	,,	,,	,,	,,	,,	,,
8	,,	,,	,,	SSW	,,	,,	,,	,,	,,	,,	,,	NNE
9	,,	,,	,,	,,	,,	,,	,,	,,	NNE	,,	,,	,,
10	NE	NNE	NNE	,,	,,	,,	,,	,,	,,	,,	,,	,,
11	NNE	,,	,,	,,	,,	,,	,,	,,	SSW	,,	,,	,,
12	,,	,,	SSW	NNE	,,	,,	,,	,,	,,	,,	,,	,,
13	,,	,,	,,	SSW	,,	,,	,,	,,	NNE	SSW	,,	,,
14	,,	,,	,,	,,	,,	,,	,,	,,	SSW	,,	,,	,,
15	NE	SSW	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
16	NNE	,,	NNE	NNE	SSW	SSW	,,	,,	,,	,,	,,	,,
17	,,	NNE	SSW	SSW	,,	NNE	,,	,,	,,	NNE	,,	,,
18	NNE/SSW	,,	NNE	,,	,,	SSW	,,	,,	,,	,,	,,	SSW
19	NNE	,,	SSW	,,	,,	,,	,,	,,	,,	,,	,,	NNE
20	,,	SSW	,,	,,	NNE	,,	,,	,,	,,	,,	,,	,,
21	,,	NNE	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
22	,,	,,	,,	,,	,,	,,	,,	,,	NNE	,,	,,	,,
23	,,	,,	NNE	NNE	,,	,,	,,	,,	SSW	,,	,,	,,
24	SW	,,	,,	,,	SSW	,,	,,	,,	,,	,,	,,	,,
25	NNE	SSW	,,	,,	,,	,,	,,	,,	NNE	,,	,,	,,
26	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,	,,
27	SSW	,,	,,	,,	,,	,,	,,	SSW	,,	,,	,,	,,
28	SW	,,	,,	,,	,,	,,	,,	,,	,,	SSW	,,	,,
29	NNE		,,	,,	,,	NNE	,,	,,	SSW	,,	SSW	,,
30	,,		,,	,,	,,	,,	,,	NNE	NNE	,,	NNE	,,
31	,,		SSW		,,		,,	,,		NNE		,,

OBSERVACIONES TERMO-PLUVIOMETRICAS

HECHAS POR DON ADOLFO SOLOGAISTOA EN RETALHULEU, DURANTE EL AÑO DE 1929

Días	ENERO			FEBRERO			MARZO			ABRIL			MAYO			JUNIO		
	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros
	Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima	
1	30.0	19.0	.....	30.0	19.2	.....	31.5	20.0	.....	31.0	22.5	0.5	32.5	22.5	15.5	31.0	21.0	27.2
2	30.0	19.8	.....	29.8	18.5	.....	31.0	20.0	.....	31.5	22.0	.....	31.5	22.0	.....	31.0	21.0	2.3
3	30.2	19.5	.....	31.0	19.8	.....	29.0	21.5	.....	32.0	21.0	.....	32.0	23.5	.....	32.5	20.0	.....
4	30.0	20.0	.....	30.0	18.8	.....	31.2	19.5	.....	32.5	21.0	.....	32.5	23.0	9.7	32.0	22.5	.....
5	30.5	19.5	.....	29.8	19.0	.....	31.0	21.0	.....	31.0	20.8	18.8	30.0	23.2	.....	32.0	22.3	.....
6	30.2	20.0	.....	29.5	18.5	.....	32.0	19.5	.....	31.0	20.0	38.1	31.0	23.0	12.2	32.5	21.5	.....
7	30.0	20.5	.....	30.5	19.0	.....	30.0	20.5	.....	30.0	21.0	40.6	32.0	22.5	.....	33.0	22.5	.....
8	30.5	20.5	.....	30.0	21.0	.....	29.8	21.5	0.5	30.0	21.2	26.4	30.0	22.2	.....	32.0	21.5	9.2
9	30.8	19.0	.....	29.5	20.0	.....	30.5	19.5	.....	31.0	21.0	.....	32.0	22.0	.....	32.0	21.5	2.5
10	30.5	19.5	.....	29.8	18.8	.....	31.5	20.0	.....	31.0	21.0	.....	33.0	21.0	.....	32.0	21.8	6.1
11	30.0	20.5	.....	31.0	19.5	.....	31.5	20.0	.....	32.0	20.0	.....	33.0	22.5	.....	30.5	22.0	.....
12	30.0	20.0	.....	31.0	19.5	.....	30.2	21.0	.....	31.0	21.0	.....	34.0	23.0	18.3	30.5	22.5	14.7
13	29.8	19.0	.....	31.0	19.0	.....	31.0	21.5	.....	32.5	23.0	.....	33.5	22.8	2.0	30.5	21.8	3.1
14	30.5	19.5	.....	30.5	18.5	.....	32.0	21.5	.....	31.5	22.0	.....	31.0	22.0	.....	30.0	22.0	15.7
15	30.0	20.0	.....	30.5	19.5	.....	32.5	21.5	.....	31.5	21.0	.....	33.0	22.0	39.1	31.5	22.0	26.4
16	29.0	19.5	.....	31.0	19.0	.....	32.0	20.0	.....	31.5	21.5	.....	31.0	21.0	31.5	30.0	21.0	16.3
17	29.5	20.0	.....	31.5	20.0	.....	30.5	20.5	.....	33.5	23.5	2.5	31.0	22.0	0.5	29.5	21.0	7.6
18	30.0	20.0	.....	31.0	20.5	.....	29.5	21.2	.....	31.5	23.5	14.0	30.5	21.5	27.9	29.0	21.5	24.1
19	30.0	20.0	.....	30.5	20.0	.....	31.5	21.0	.....	31.0	22.0	8.9	31.5	21.5	27.4	29.8	22.0	23.1
20	30.5	19.5	.....	31.5	19.0	.....	31.0	21.5	0.5	31.0	21.0	.....	30.0	22.5	7.1	30.0	21.5	38.1
21	31.0	18.5	.....	31.5	20.0	.....	31.5	21.0	.....	32.5	21.0	.....	30.0	22.0	.....	29.8	20.8	17.8
22	30.0	18.0	.....	31.0	20.5	.....	33.5	20.5	.....	33.0	22.0	.....	31.5	22.0	.....	26.0	21.0	18.0
23	30.0	18.0	.....	31.0	19.5	.....	31.5	21.5	.....	33.0	22.5	.....	29.5	22.5	1.0	26.0	20.0	12.2
24	30.5	19.5	.....	31.5	20.0	.....	32.5	22.0	.....	32.8	21.5	.....	30.0	23.0	14.7	27.0	21.0	1.5
25	30.5	19.5	.....	31.5	20.5	.....	32.5	22.0	.....	32.0	22.0	.....	29.0	22.0	0.8	28.5	21.0	11.7
26	30.0	20.5	.....	32.0	19.0	.....	32.5	21.5	.....	32.0	22.5	8.1	30.0	22.5	.....	27.0	20.5	2.3
27	30.8	20.0	.....	31.0	19.5	.....	31.0	21.8	26.9	31.5	22.0	.....	29.0	22.0	.....	27.5	21.0	8.6
28	30.0	21.5	5.6	31.0	20.0	.....	30.0	22.5	12.2	31.0	21.0	.....	30.0	23.0	14.2	28.5	21.0	0.5
29	29.5	21.5	.....				30.0	19.5	.....	31.5	21.5	.....	29.0	21.5	9.7	30.0	21.0	56.0
30	29.5	21.0	15.2				31.0	21.5	.....	31.0	22.0	10.2	29.0	21.0	.....	30.0	20.0	8.6
31	29.0	19.0	.....				31.0	22.5	2.3				31.0	21.0	.....			
			209						62.4			184.1			230.6			3530

Total 8350

Continuación del Cuadro 36

Días	JULIO			AGOSTO			SEPTIEMBRE			OCTUBRE			NOVIEMBRE			DICIEMBRE		
	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros	TEMPERATURA		Lluvia en milímetros
	Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima		Máxima	Mínima	
1	30.5	20.0	.....	30.2	20.0	23.2	30.5	21.5	12.0	30.5	20.5	1.0	30.0	20.5	15.2	30.0	20.0	.....
2	31.0	21.5	27.4	29.5	20.5	55.2	31.0	20.5	4.3	30.0	21.5	20.3	30.5	20.5	40.6	30.0	21.5	7.6
3	32.0	21.5	.....	29.5	20.5	.....	31.0	21.5	5.1	30.5	22.0	15.2	30.0	20.0	.....	29.5	22.0	.....
4	32.0	22.0	21.3	31.0	21.0	.....	31.2	22.0	.....	30.0	21.5	12.7	29.0	20.5	.....	29.5	20.5	.....
5	31.5	20.5	.....	31.0	21.2	.....	32.0	22.0	15.5	30.0	21.5	1.5	29.0	20.2	1.5	29.5	20.5	17.8
6	32.5	21.0	.....	32.0	21.5	2.5	30.5	22.0	3.5	30.5	21.5	2.7	29.5	21.0	45.7	29.5	20.0	5.1
7	33.0	22.0	.....	30.0	21.5	1.3	30.0	21.5	5.0	31.5	21.5	42.7	29.5	20.0	5.1	30.0	20.0	.....
8	31.5	21.0	6.1	32.5	21.0	2.5	29.5	22.0	14.7	30.5	21.5	20.3	30.0	20.5	.....	30.0	20.0	.....
9	32.0	20.0	5.4	32.5	20.5	19.3	29.5	22.0	17.1	30.0	22.0	5.2	29.0	21.5	6.1	30.0	20.0	.....
10	32.0	21.0	15.7	31.0	20.5	10.2	30.0	21.0	41.7	30.0	20.5	9.4	30.0	21.0	.....	30.0	21.0	.....
11	32.5	21.5	.....	32.0	21.0	47.5	29.5	20.5	.....	31.0	21.0	5.2	30.0	21.5	.....	30.0	22.5	.....
12	31.5	21.5	19.3	29.5	21.0	37.0	30.0	21.0	.....	31.2	21.0	22.3	30.0	21.0	.....	30.5	20.0	.....
13	31.5	21.5	24.1	30.5	20.2	2.7	31.0	22.0	0.6	30.0	22.0	.....	30.5	21.0	.....	30.0	22.5	.....
14	30.5	21.0	23.4	31.0	21.0	.....	30.0	22.0	.....	30.0	21.5	36.5	29.5	20.5	.....	30.0	20.0	.....
15	31.0	21.0	12.7	31.0	22.0	5.1	27.5	21.0	18.0	30.0	21.5	19.1	30.0	20.5	.....	30.0	22.5	.....
16	30.5	21.5	12.1	30.5	20.0	21.6	29.0	22.5	.....	30.0	21.5	115.0	30.0	20.5	.....	30.0	20.0	.....
17	31.0	20.5	12.5	30.2	21.5	.....	27.0	20.0	7.6	29.5	20.5	.....	30.0	20.2	.....	29.5	19.5	.....
18	31.2	20.0	5.1	30.2	21.0	25.4	27.0	20.0	.....	30.0	21.0	5.0	29.5	20.2	.....	30.0	22.0	.....
19	31.1	21.0	6.0	31.0	21.5	.....	30.0	20.5	7.6	30.0	21.5	31.5	29.5	20.0	.....	29.5	21.5	.....
20	30.5	21.0	12.2	31.5	20.5	0.2	30.0	21.0	11.7	30.0	22.0	3.4	30.0	20.0	.....	30.0	20.0	.....
21	30.0	20.5	1.5	33.0	22.0	.....	30.0	21.0	3.6	29.0	21.5	.....	29.5	20.2	.....	30.0	20.0	.....
22	31.5	21.0	0.5	32.5	22.0	.....	29.5	20.5	3.7	30.0	21.0	7.1	29.5	20.0	.....	30.2	20.0	.....
23	31.0	22.0	.....	30.5	21.0	2.5	29.5	21.0	1.5	29.0	21.0	7.1	29.5	20.5	.....	29.5	22.5	.....
24	32.0	21.5	3.0	30.5	21.5	2.3	29.0	21.2	5.1	30.0	20.0	.....	29.5	21.0	.....	29.5	20.0	.....
25	31.5	21.0	4.1	31.0	21.2	12.9	29.5	21.0	1.0	29.2	20.5	5.1	30.5	21.0	.....	29.5	19.0	.....
26	30.0	21.5	.....	30.0	20.5	.....	31.0	21.0	4.5	30.5	21.5	31.5	30.5	20.0	.....	29.5	19.0	.....
27	31.0	22.0	25.1	30.5	20.5	3.0	29.5	20.0	0.3	30.5	21.0	22.0	30.2	21.0	.....	30.0	20.0	.....
28	31.0	21.0	.....	30.5	21.0	27.9	29.5	20.5	1.1	29.0	20.5	.....	29.5	21.0	.....	30.0	20.0	.....
29	30.0	22.0	10.7	31.0	21.0	10.2	29.5	21.5	5.1	29.5	20.5	3.1	30.0	20.0	.....	30.0	19.0	.....
30	29.5	22.0	0.5	30.0	20.5	.....	30.2	21.2	6.1	29.0	20.0	.....	30.0	21.0	.....	30.5	20.0	.....
31	30.5	21.5	21.5	31.0	22.0	110.5				30.0	21.0	1.0				30.0	19.0	.....
	36.0			49.1			73.7			68.0			11.2			3.05		

total 212.5.5
del otro lado — 83.5.0
en Naturaleza — 295.0.5 lo
los 1929
= 10 b mch

Cuadro 37

OBSERVACIONES PLUVIOMETRICAS DE ALGUNAS FINCAS CORRESPONDIENTES DE LA DIRECCION GENERAL DE AGRICULTURA, EN LOS AÑOS DE 1921 A 1929

FINCAS	JURISDICCIONES		1921		1922		1923		1924		1925		1926		1927		1928		1929	
			Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.
Mercedes	Colomba	Quezaltenango	.....	4 063	233	4.389	174	3,173	198	4.021	198	3.164	191	4,062	203	3.752	208	4,703	189	3.808
San Francisco Miramar	Colomba	Quezaltenango	.....	3,917	.....	4.862	152	3.561	184	4.800	178	3,233	182	5.960	189	4.003	189	4.575	162	4,201
Rosario Bola de Oro	Colomba	Quezaltenango	.....	.....	.....	3,723	.....	3.375	186	4.349	190	3.719	175	4.096	Inc.	Inc.	Inc.	Inc.	185	4.357
El Pensamiento	Colomba	Quezaltenango	.....	.....	Inc.	2.013	.....	3,286	205	4.251	186	3.302	186	4.038	.....	5,117	150	3.958	179	3,810
Vizcaya	Colomba	Quezaltenango	.....	.....	.....	.....	.....	.....	166	2.148	164	2.771	165	3.040	191	3,226	201	4.336	183	4.023
Acultzingo	Colomba	Quezaltenango	.....	.....	.....	.....	.....	.....	208	3 858	189	3,169	196	3.333	193	3.644	196	3.932	204	3.604
Dolores	Colomba	Quezaltenango	.....	.....	.....	.....	.....	.....	182	4.102	171	2.775	172	3.849	192	3.766	204	4 217	184	3.890
San Enrique	Colomba	Quezaltenango	.....	.....	.....	.....	.....	.....	....		134	3 121	143	3.574	Inc.	Inc.	157	4,080	148	3,917
Santa Elisa	Colomba	Quezaltenango	.....	.....	.....	.....	.....	.....	.....	.....	146	2.878	162	3.924	Inc.	Inc.	175	4,182	152	4.212
Monte Grande	Coatepeque	Quezaltenango	.....	.....	181	4,104	135	3,055	174	3,933	135	2 967	144	3.193	165	3.375	153	3.454	156	3.646
Helvetia	Palmar	Quezaltenango	.....	.....	.....	.....	.....	.....	.....	4.192	181	3.026	191	4,475	197	4.797	204	4,930	179	4.583
Alabama Grande	Tumbador	San Marcos	.....	.....	.....	4.387	194	3.705	225	4.372	222	4.231	209	5 068	211	4.160	239	5.054	Inc.	Inc.
El Rosario Tumbador	Tumbador	San Marcos	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217	5.032	218	5.624
Concepción Candelaria	Reforma	San Marcos	.....	.....	.....	4.950	.....	3.807	188	5.160	188	3.546	164	4 483	169	4.306	Inc.	Inc.	185	5,146
San Luis Malacatán	Malacatán	San Marcos	.....	.....	.....	4,636	.....	4 252	189	5.416	203	4.024	186	3.930	185	4.743	Inc.	Inc.	210	4,991
El Porvenir	San Pablo	San Marcos	.....	.....	.....	.....	.....	3.124	216	3,753	180	2.688	Inc.	Inc.	Inc.	Inc.	204	4.322	225	3 084
Chocolá	San Pablo Jocopilas	Suchitepéquez	.....	.....	.....	3.652	172	3.271	207	4 666	214	3.202	181	3.955	191	4.009	189	4.287	180	3,573
Tambor	San Felipe	Retalhuleu	.....	.....	.....	.....	.....	.....	206	4.801	181	2.978	196	4.218	207	3.281	173	4.458	202	4.551
San Pablo	Pueblo Nuevo	Retalhuleu	.....	.....	.....	.....	.....	.....	.....	.....	206	3.770	190	4.296	202	4.777	207	3.854	178	4.715
San Sebastián	San Sebastián	Retalhuleu	.....	.....	.....	.....	.....	.....	.....	.....	103	2.156	135	3.315	145	2,996	137	4.164	142	3,865
Ciudad Retalhuleu	Retalhuleu	Retalhuleu	.....	.....	.....	.....	.....	.....	.....	.....	107	2.013	137	3.002	154	3.210	167	3,752	158	3.273
San Andrés Osuna	Escuintla	Escuintla	.....	.....	.....	.....	.....	.....	201	4.531	177	2.808	152	4.302	175	3,720	212	2,439	205	3.812
Empresa Eléctrica	Escuintla	Escuintla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.289	.....	3.150
Empresa Eléctrica	San Luis	Escuintla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.560	.....	3.081
Ciudad de Guatemala	El Zapote	Guatemala	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,543	.....	2.734
Empresa Eléctrica	Amatitlán	Amatitlán	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.068	.....	1.268
Empresa Eléctrica	Guatemala	Guatemala	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.675	.....	1.414
Empresa Eléctrica	Palín	Amatitlán	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.475
Mocá	Santa Bárbara	Sololá	.....	.....	.....	.....	.....	.....	194	5.423	178	3.140	180	3.258	205	4.329	219	4,068	226	4.427
Morelia	Yepocapa	Chimaltenango	.....	.....	.....	3.890	.....	5,422	190	6.954	191	5.146	168	7.350	.....	.....	205	5,483	Inc.	Inc.
Palmira	Pueblo Nuevo Viñas	Santa Rosa	.....	.....	.....	.....	.....	.....	160	2.002	140	1.717	95	1.267	176	1,944	168	2.064	166	2.273
Pilar	Los Amates	Izabal	.....	3.144	232	2.111	211	1.922	202	2.656	214	2.403	199	2.361	213	2.568	229	2,476	194	2.061
Quiriguá	Los Amates	Izabal	.....	1.936	284	2.188	248	2.080	199	2.520	198	2.243	192	2.004	222	2.575	252	2.772	206	2.467
Virginia	Morales	Izabal	.....	2.380	244	2.155	226	1 919	193	4.570	190	2,455	151	1,780	203	2.154	200	3.073	182	2.419
Playitas	Morales	Izabal	.....	2.380	242	1.857	198	1.912	196	2 932	195	1,985	158	1,841	200	2,420	220	2.340	Inc.	Inc.

Cuadro 38

OBSERVACIONES PLUVIOMETRICAS

DE ALGUNAS FINCAS Y ESTACIONES CORRESPONDIENTES DE LA DIRECCION GENERAL DE AGRICULTURA, DURANTE EL AÑO DE 1929

FINCAS	JURISDICCION		Enero		Febrero		Marzo		Abril		Mayo		Junio	
			Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.
San Francisco Miramar	Colomba	Quezaltenango	3	17	2	28	7	79	9	316	14	334	23	625
Rosario Bola de Oro	Colomba	Quezaltenango	2	15	3	11	8	62	9	214	23	376	29	831
Las Mercedes	Colomba	Quezaltenango	3	13	1	3	4	67	11	200	21	409	30	734
Vizcaya	Colomba	Quezaltenango	3	12	2	20	9	53	9	351	16	290	29	702
Acultzingo	Colomba	Quezaltenango	2	28	3	1	12	61	9	168	21	310	28	552
Dolores	Colomba	Quezaltenango	2	7	2	5	7	61	13	274	18	321	28	580
San Enrique	Colomba	Quezaltenango	3	15	0	0	3	62	11	317	15	307	23	531
Santa Elisa	Colomba	Quezaltenango	4	12	1	20	6	76	12	284	16	325	24	858
La Bolsa	Coatepeque	Quezaltenango	2	21	3	3	4	50	9	228	18	337	30	540
El Pensamiento Palmira	Colomba	Quezaltenango	2	10	2	23	8	45	9	187	13	268	29	697
El Tránsito	Colomba	Quezaltenango	3	34	5	29	3	47	10	206	19	434	28	762
Monte Grande	Coatepeque	Quezaltenango	1	0	1	0	4	51	7	262	17	302	19	694
Helvetia	El Palmar	Quezaltenango	2	5	3	6	7	58	10	208	19	356	28	966
Merced Patzulín	El Palmar	Quezaltenango	4	10	6	10	13	52	16	164	23	391	30	833
San Vicente Patzulín	El Palmar	Quezaltenango	4	12	2	3	5	42	14	178	24	375	29	751
Morelia	El Palmar	Quezaltenango	3	21	1	2	7	48	13	156	22	376	29	805
Quezaltenango	Ciudad	Quezaltenango	0	0	0	0	0	0	1	1	7	82		
Candelaria Xolhuitz	Nuevo San Carlos	Quezaltenango	3	7	2	4	9	97	10	285	16	353	27	777
Santa Sofía	San Pedro Yepocapa	Chimaltenango	5	24	2	14	8	35	13	192	23	532	27	555
Morelia	San Pedro Yepocapa	Chimaltenango	6	35	2	18	5	26	10	197	20	662	28	490
La Ceiba	Acatenango	Chimaltenango	0	0	2	9	3	313	4	52	17	323	23	568
Panajabal	Acatenango	Chimaltenango	1	1	.....	.....	.....	.....	.....	.....	16	599	22	915
Patzicía	La Población	Chimaltenango	0	0	0	0	0	0	1	25	9	181	17	173
Tegucigalpa	Pastores	Sacatepéquez	0	0	0	0	0	0	0	0	11	91	14	90
Concepción Candelaria	La Reforma	San Marcos	2	18	4	52	9	49	14	358	22	291	25	791
Alabama Grande	Tumbador	San Marcos	3	16	4	4	11	92	10	274	26	592	28	816
El Rosario Tumbador	Tumbador	San Marcos	3	12	1	0	8	100	14	313	27	885	28	974
El Pensamiento	El Rodeo	San Marcos	0	0	1	9	2	87	8	174	24	750	25	760

Observaciones Pluviométricas (2)

FINCAS	JURISDICCION		Enero		Febrero		Marzo		Abril		Mayo		Junio	
			Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.
Cenobita	El Rodeo	San Marcos	5	18	3	14	7	44	11	305	30	651	26	764
El Porvenir	San Pablo	San Marcos	7	236	4	16	17	59	12	161	22	295	28	312
San Luis Malacatán	Malacatán	San Marcos	7	236	4	16	17	37	13	271	22	544	25	688
Mocá	Santa Bárbara	Sololá	9	16	5	33	11	35	16	243	23	435	29	510
Tarrales	Patulul	Sololá	3	2	1	19	5	54	10	65	16	361	29	508
San Jerónimo Miramar	Patulul	Sololá	0	0	1	20	4	50	6	46	14	386	25	491
San Andrés Osuna	Escuintla	Escuintla	7	37	5	19	6	43	13	166	22	577	29	534
Empresa Eléctrica	Escuintla	Escuintla	.....	0	.....	0	.....	19	.....	74	.....	310	.....	678
Empresa Eléctrica	San Luis	Escuintla	.....	0	.....	0	.....	40	.....	122	.....	266	.....	470
Empresa Eléctrica	Amatitlán	Amatitlán	.....	0	.....	0	.....	3	.....	0	.....	259	.....	116
Empresa Eléctrca	Palín	Amatitlán	.....	0	.....	0	.....	23	.....	24	.....	243	.....	401
Empresa Eléctrica	Guatemala	Guatemala	.....	0	.....	0	.....	0	.....	4	.....	251	.....	152
Empresa Eléctrica	El Zapote	Guatemala	.....	0	.....	0	.....	0	.....	1	.....	207	.....	678
El Tambor	San Felipe	Retalhuleu	6	23	3	2	10	110	14	194	19	454	30	620
San Pablo	Pueblo Nuevo	Retalhuleu	4	24	1	4	3	100	7	192	14	421	30	827
El Carmen	San Andrés V. S	Retalhuleu	6	64	1	2	7	125	14	205	15	301	26	626
San Isidro	San Sebastián	Retalhuleu	3	18	1	1	7	61	15	326	19	359	28	539
San Sebastián	San Sebastián	Retalhuleu	0	0	0	0	3	87	9	260	12	356	24	486
Retalhuleu	Ciudad	Retalhuleu	2	21	0	0	5	43	10	168	16	232	24	354
El Pilar (Creek)	Los Amates	Izabal	11	89	11	43	4	43	5	58	15	332	23	273
Quiriguá	Los Amates	Izabal	16	76	10	34	4	17	6	60	17	400	20	400
Playitas (Pawnee)	Morales	Izabal	14	175	8	76	3	18	4	31	.....	.....	22	333
Virginia	Morales	Izabal	11	64	7	43	4	18	5	36	17	225	23	414
Chocolá	San Pablo Jocop	Suchitepéquez	4	13	3	8	5	8	11	156	21	384	29	667
Samac	Cobán	Alta Verapaz	14	538	9	71	9	209	8	61	25	789	25	623
Salinas Magdalena	Sacapulas	Quiché	6	37	3	10	3	49	0	0	13	223	18	406
Palmira	Pueblo Nuevo Viñas	Santa Rosa	0	0	2	2	2	50	6	42	21	229	29	340
Zona Chiclera	El Paso	Petén	8	30	1	61	1	25	1	1	15	283	24	542
El Valle Colmenar	Nueva Santa Rosa	Santa Rosa	0	0	0	0	0	0	0	0	13	178	21	224

Oscar 44 ft = 2084 inch. 5171

Observaciones Pluviométricas (3)

FINCAS	JURISDICCION		Julio		Agosto		Septiembre		Octubre		Noviembre		Diciembre		Totales	
			Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.
San Francisco Miramar	Colomba	Quezaltenango	20	376	22	469	19	953	25	745	11	144	7	115	162	4201
Rosario Bola de Oro	Colomba	Quezaltenango	22	442	29	670	24	949	23	614	8	105	5	68	185	4357
Las Mercedes	Colomba	Quezaltenango	28	246	27	572	25	871	30	528	7	119	2	46	189	3808
Vizcaya	Colomba	Quezaltenango	23	410	27	516	26	885	25	583	8	62	6	139	183	4023
Acultzingo	Colomba	Quezaltenango	28	489	25	654	30	863	25	318	9	75	12	85	204	3604
Dolores	Colomba	Quezaltenango	23	441	23	416	27	944	26	611	9	151	6	79	184	3890
San Enrique	Colomba	Quezaltenahgo	21	327	20	691	21	823	21	699	7	197	3	38	148	3917
Santa Elisa	Colomba	Quezaltenango	19	342	17	572	20	841	23	656	7	190	3	36	152	4212
La Bolsa	Coatepeque	Quezaltenango	26	525	27	821	28	1348	26	1268	9	253	5	86	187	5480
El Pensamiento Palmira	Colomba	Quezaltenango	21	463	22	423	30	8 0	26	643	11	84	6	117	179	3810
El Tránsito	Colomba	Quezaltenango	23	428	26	745	26	846	27	697	6	79	5	48	181	4365
Monte Grande	Coatepeque	Quezaltenango	19	262	23	612	22	644	29	560	10	210	4	49	156	3646
Helvetia	El Palmar	Quezaltenango	21	361	25	744	24	1055	26	538	9	185	5	101	179	4583
Merced Patzulín	El Palmar	Quezaltenango	26	378	29	461	29	1020	29	859	17	185	9	209	231	4572
San Vicente Patzulín	El Palmar	Quezaltenango	20	353	27	466	29	959	28	781	18	172	9	143	209	4235
Morelia	El Palmar	Quezaltenango	18	353	29	330	28	858	27	637	8	80	6	108	191	3824
Quezaltenango	Ciudad	Quezaltenango	19	208	19	188	26	359								
Candelaria Xolhuitz	Nuevo San Carlos	Quezaltenango	23	500	20	491	27	867	19	525	9	137	6	127	171	4170
Santa Sofía	San Pedro Yepocapa	Chimaltenango	26	379	30	645	30	1145	30	736	10	134	7	89	211	4480
Morelia	San Pedro Yepocapa	Chimaltenango	21	398	27	832	30	1279	26	751	11	174				
La Ceiba	Acatenango	Chimaltenango	13	324	13	225	21	760	.....	.....	13	159	4	129		
Panajabal	Acatenango	Chimaltenango	14	335	23	754										
Patzicía	La Población	Chimaltenango	12	137	14	166										
Tegucigalpa	Pastores	Sacatepéquez	12	99	13	97	20	349	12	144	3	11	2	1	87	882
Concepción Candelaria	La Reforma	San Marcos	15	618	29	921	26	1149	21	632	10	183	8	84	185	5146
Alabama Grande	Tumbador	San Marcos	27	4 0	31	883	27	1074	26	765	15	108	9	35	217	5059
El Rosario, Tumbador	Tumbador	San Marcos	24	530	31	869	28	1148	29	576	15	176	10	41	218	5624
El Pensamiento	El Rodeo	San Marcos	20	209	22	312	26	1046	25	649	10	211	4	38	167	4245
Cenovita	El Rodeo	San Marcos	25	442	29	468	25	1008	29	623	9	162				
El Porvenir	San Pablo	San Marcos	24	201	26	282	30	805	26	511	17	141	12	65	225	3084

Observaciones Pluviométricas (4)

FINCAS	JURISDICCION		Julio		Agosto		Septiembre		Octubre		Noviembre		Diciembre		Totales	
			Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.	Días	mm.
San Luis Malacatán	Malacatán	San Marcos	25	284	26	639	27	1142	27	864	12	249	5	41	210	5011
Mocá	Santa Bárbara	Sololá	23	287	28	515	30	1253	29	776	15	223	8	101	226	4427
Tarrales	Patulul	Sololá	20	177	21	424	28	812	23	425	9	95	2	11	167	2953
San Jerónimo Miramar	Patulul	Sololá	16	193	21	480	27	425	24	468	6	96	2	7	146	2659
San Andrés Osuna	Escuintla	Escuintla	21	320	30	487	30	849	27	626	9	87	6	67	205	3812
Empresa Eléctrica	Escuintla	Escuintla	.....	280	.....	306	.....	1009	.....	412	.....	62	.....	0	.....	3150
Empresa Eléctrica	San Luis	Escuintla	.....	183	.....	367	.....	1061	.....	477	.....	91	.....	4	.....	3081
Empresa Eléctrica	Amatitlán	Amatitlán	.....	149	.....	166	.....	451	.....	107	.....	17	.....	0	.....	1268
Empresa Eléctrica	Palín	Amatitlán	.....	99	.....	344	.....	920	.....	388	.....	30	.....	3	.....	2475
Empresa Eléctrica	Guatemala	Guatemala	.....	153	.....	154	.....	452	.....	236	.....	38	.....	18	.....	1458
Empresa Eléctrica	El Zapote	Guatemala	.....	128	.....	185	.....	640	.....	191	.....	41	.....	19	.....	2090
El Tambor	San Felipe	Retalhuleu	20	519	27	721	27	945	26	655	13	203	7	105	202	4551
San Pablo	Pueblo Nuevo	Retalhuleu	20	288	27	444	28	1196	29	829	9	202	6	188	178	4715
El Carmen	San Andrés V. S.	Retalhuleu	21	460	27	530	27	885	27	647	11	172	6	158	188	4175
San Isidro	San Sebastián	Retalhuleu	23	358	27	510	28	956	28	644	10	129	5	35	194	3936
San Sebastián	San Sebastián	Retalhuleu	19	448	19	429	24	917	24	746	6	133	2	3	142	3865
Retalhuleu	Ciudad	Retalhuleu	22	363	21	500	26	751	26	696	6	114	3	31	161	3273
El Pilar (Creek)	Los Amates	Izabal	22	207	24	223	17	218	24	258	18	181	20	136	194	2061
Quiriguá	Los Amates	Izabal	24	309	23	236	20	286	16	229	26	219	24	201	206	2467
Playitas (Pawnee)	Morales	Izabal	24	194	25	261	18	208	24	346	24	308	27	453		
Virginia	Morales	Izabal	14	111	19	404	13	129	19	469	23	255	27	251	182	2419
Chocolá	San Pablo Jocop.	Suchitepéquez	17	265	25	455	27	946	23	485	8	89	7	97	180	3573
Samac	Cobán	Alta Verapaz	22	385	17	335	27	590	29	1425	21	345	25	630	231	6001
Salinas Magdalena	Sacapulas	Quiché	9	206	3	34										
Palmira	Pueblo Nuevo Viñas	Santa Rosa	20	208	22	227	29	834	19	230	12	70	4	41	166	2273
Zona Chiclera	El Paso	Petén	16	222	15	106	13	253	17	442	11	177	16	191	138	2333
El Valle Colmenar	Nueva Santa Rosa	Santa Rosa	14	146	16	157	27	499	16	322						

232 days

NOTA: Las casillas en blanco significan que no vinieron los datos correspondientes.

Total for the 4 63".24

Cuadro 39

OBSERVACIONES PLUVIOMETRICAS DE LA FINCA "EL TAMBOR", SAN FELIPE RETALHULEU

Años	Milímetros
1916	5182
1917	4978
1918	3505
1919	3988
1920	3048
1921	4242
1922	3861
1923	3226
1924	4801
1925	3378
1926	4216
1927	3835
1928	4459
1929	4555

TIPOGRAFIA NACIONAL
GUATEMALA