OBSERVATORIO DE FISICA COSMICA
DE
SAN MIGUEL (R. ARGENTINA)

Lat. S. 34° 33'; Long. W. de G. 58° 44'; Alt. 27.4 m.

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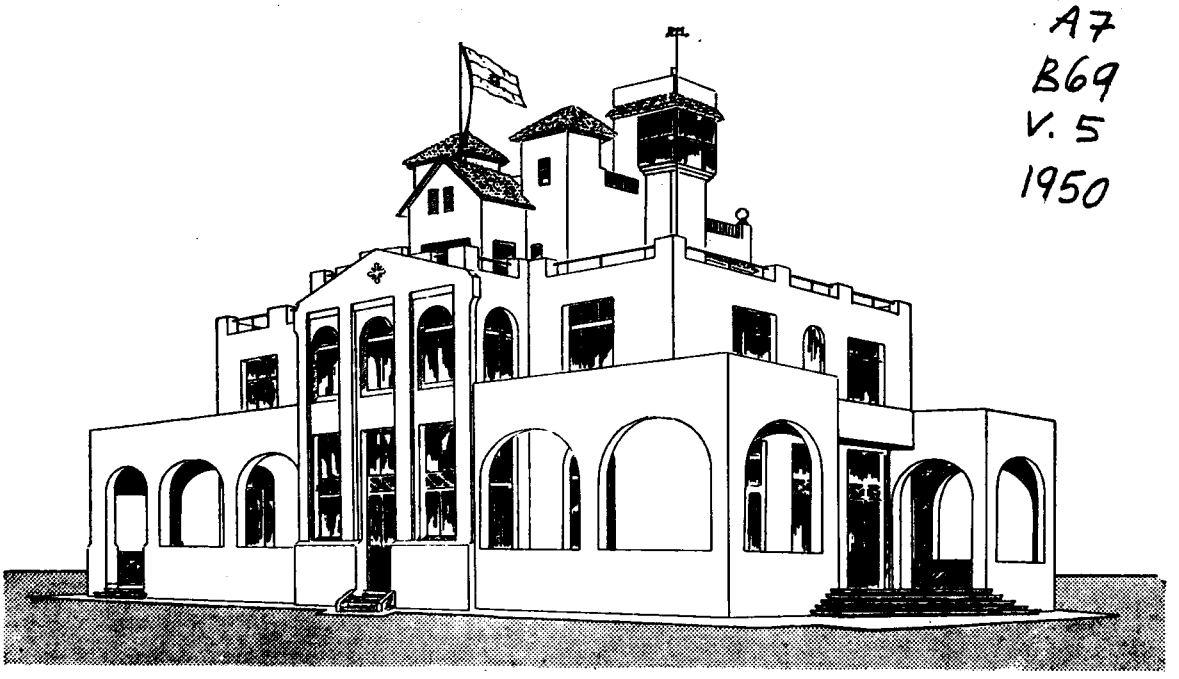

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Information Manufacturing Corporation
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Rocket Center, West Virginia
September 14, 1999

OBSERVADORES Y CALCULISTAS:

Sres: ANGEL ABREGU DELGADO
(Meteorologista Islas Orcadas - 1948)

ANTONIO ARBIA

ARTURO SAMPEDRO VILLAFUERTE

APRECIACIÓN GENERAL DE LAS OBSERVACIONES

I. DATOS DIVERSOS

1. Coordenadas geográficas: Con valor aproximado han sido tomadas del mapa de la República Argentina que el Instituto Geográfico Militar editó en el año 1937, escala 1:1.500.000.

   Lat. geográfica, φ = 34°33'S;

   Long.geográfica, λ = 58°44'W de G.

2. Aceleración de la pesantez (corrección por gravedad): g= -0.75.
3. Diferencia entre la hora local y la hora de Greenwich: ΔG = 3h 55m.
4. Altura del Observatorio sobre el nivel del mar: Hs= 27.4 m.
5. Los cómputos climatológicos se han realizado en base a las observaciones efectuadas a las 8.00, 14.00 y 20.00 horas.(Hora legal argentina del meridiano 60°huso XX).
6. Símbolos adoptados: si no se expresa lo contrario las letras y símbolos que distinguen a los elementos meteorológicos, responden a lo sancionado en la conferencia de directores del mundo (Resolución XX, Varsovia, setiembre 1935), y en la II^{a}. Reunión de la Comisión Regional III^{a}. (Montevideo, febrero 1939), según Resolución XIII.

II. REGISTROS ELÉCTRICOS

1. Potencial Atmosférico.

   a) El potencial atmosférico (P) se mide con dos electrómetros a cuadrantes y registro de puntos de la fábrica Labo-Gif, París. El captador de ionio está colocado a 5.40 m.sobre el nivel del suelo. Los valores numéricos de la tabla están corregidos por el debido coefeciente e indican potencial absoluto, reducidos a volts por metro (V/M). En los promedios sólo se toman en cuenta los días del tipo "0" y "1" completos, desechándose el valor que por cualquier causa fuese dudoso.

   b) Tipo de la curva.- Las bandas se clasifican en cuatro tipos:

   Tipo "0".- No hay valores de potencial negativo y las curvas son sin grandes fluctuaciones.

   Tipo "1".- Hay potencial negativo durante no más de tres períodos horarios. Las fluctuaciones pueden ser bruscas pero no tanto que se salgan mucho del campo de los aparatos ni sea imposible leerlas.

   Tipo "2".- Hay potencial negativo durante 4 ó más períodos horarios (no es necesario que la suma del tiempo con potencial negativo sea siempre más de tres horas). Las fluctuaciones igual que el tipo "1", aunque algunas salidas del campo no impiden que un día sea del tipo "2".

   Tipo "3" o de perturbación.- Grandes cambios de potencial que hacen imposible su lectura y cálculo. Las agujas salen continuamente fuera del campo de los aparatos o éstos deben ser puestos a tierra por tormentas eléctricas.

   c) Otros signos.-Valen los siguientes signos convencionales:

   V/M: Valor del potencial en volts, referido a un metro sobre el nivel del suelo.

   $+\infty$,$-\infty$: El valor del potencial ha superado una sola vez, por la parte de los potenciales positivos o negativos, el límite del campo disponible en el aparato para registrar las indicaciones de los electrómetros.

   $\pm\infty$: El potencial ha salido del campo en ambos signos durante la hora indicada.

   Ru : Aparatos puestos a tierra por intensa tormenta eléctrica.

- : Registros perdidos por diversas causas (telas de araña, etc...).

* : Día incompleto.

2. Ionización del aire.

a) El coeficiente de dispersión (a) se mide dos veces por día (al mediodía y una hora antes de la puesta del Sol) por el método Gocke Schering usando un electrómetro bifilar Wulf de la fábrica Leybolds nº.969.

b) La conductibilidad (λ) se mide dos veces por día simultáneamente con el coeficiente de dispersión. El aparato usado es un condensador de Gerdien con motor eléctrico y electrómetro bifilar Wulf nº.970.

c) El número de iones livianos (n) positivos y negativos se mide simultáneamente una vez por día en la hora que precede al mediodía, usándose para ello dos contadores de iones Ebert-Marche de la fábrica Günther y Tegetmeyer con electrómetros bifilares Wulf nºs. 6339 y 6562.

d) La movilidad de los iones (k) se mide al mismo tiempo y con los mismos aparatos que el número de iones usando un condensador auxiliar de que están provistos los condensadores debiéndose hacer una segunda determinación de la carga iónica con los condensadores en serie.

e) La corriente vertical (i) se obtiene por cálculo según la fórmula:

$$i = P\ (\lambda^{+} + \lambda^{-}).$$

Para "P" y "λ" se toma la conductibilidad a mediodía y de tarde y el valor promedio del potencial durante el tiempo que duró la determinación de "λ".

III. CORRIENTES TELÚRICAS

a) Las corrientes telúricas se registran en dos componentes horizontales, N-S y E-W. Para el registro se usa un aparato de diseño y fabricación propio con inscripción a puntos simultáneos por chispa eléctrica cada minuto. La sensibilidad de los galvanómetros es suficiente para trabajar con 50000 ohms en serie en las líneas largas y 10000 ohms en las líneas cortas, evitando así toda corrección contínua de los valores registrados por las muy pequeñas variaciones de resistencia de líneas y tomas.

b) Líneas y tomas.-Hay dos sistemas completos e independientes de líneas y tomas orientadas exactamente en dirección N-S y E-W. Las tomas están formadas por parrillas de alambre de plomo puro enterrado a 1.10 metros de profundidad, todas en terreno arcilloso muy semejante. Con líneas largas la distancia entre tomas es de 3000 metros para la componente N-S y 2580 metros para la componente E-W. Con líneas cortas estas distancias son de 520 metros para la componente N-S y 620 metros para la E-W.

c) Notación.- Los valores están reducidos a milivolts por kilómetro (MV/Km) y cuando no llevan ningún signo son de sentido positivo. Cuando son de sentido negativo los valores llevan el signo menos (-). En las columnas verticales se indica además del promedio de la suma algebraica de los valores horarios, los valores correspondientes a la curva de variaciones por ser ésta de interés principal en las corrientes telúricas. Cuando por cualquier causa se ha perdido el registro se indica esto con una raya (—) en lugar del valor correspondiente. Algunos meses se trabaja usando las líneas largas, otros las cortas. Esto va indicado en el encabezamiento de las planillas.

d) Tipo de curva.-Las curvas diarias son clasificadas en tres tipos:

Tipo "0".- Curva muy regular con variación diurna muy pura.

Tipo "1".- Curva algo accidentada pero que conserva todavía las principales características de la variación diurna.

Tipo "2".- Curva muy accidentada.

IV. REGISTROS METEOROLÓGICOS

1. **Presión atmosférica.-** Los valores consignados en milímetros y décimos de milímetros se han obtenido por interpolación entre las lecturas directas, en las horas mencionadas, del Barómetro Fortín N-Z nº. 2575, corregidas por temperatura, error de índice (s/c) y gravedad (-0.75), y los dados por las fajas del Barógrafo Fuess nº. 3130. La altura de la cubeta del Barómetro está a 28.2 m. sobre el nivel del mar.
2. **Temperatura del aire.-** Los valores anotados en grados y décimos corresponden a los de la escala centígrada o Celsius, habiéndoselos obtenido por interpolación entre las lecturas directas del Termómetro de mercurio Fuess nº.82123, y los dados por las fajas del Termógrafo Fuess nº.101252.
3. **Humedad relativa.-** Los valores expresados en tanto por ciento (%) se han deducido por interpolación entre los determinados por el Psicrómetro Fuess nºs.82123 y 82124, y los leídos en las fajas del Higrógrafo N-Z nº.12152 con excepción de los correspondientes a las 8.00, 14.00 y 20.00 horas. Estos valores así como los anteriores vienen suministrados por el instrumental instalado dentro del abrigo meteorológico; sus órganos sensibles se encuentran a 1.60 m. sobre el nivel del suelo.
4. **Tensión del vapor.-** Los valores indicados en milímetros y décimos de milímetros los entregan las tablas correspondientes utilizando como argumento los valores interpolados de la "temperatura del aire" y "humedad relativa", con excepción de los valores de las 8.00, 14.00 y 20.00 horas obtenidos de las tablas psicrométricas.
5. **Viento: dirección y velocidad.-** La dirección se anota según ocho rumbos y con las abreviaturas clásicas, deducida de la veleta registradora Richard nº.91435.- Los valores de la velocidad en m/s son los observados durante los cinco minutos que preceden a las horas de las observaciones; valen las cifras de la escala de Beaufort convertidas en m/s.
6. **Nubes: grado y clases.-** Se consigna el resultado de la observación estimada y considerando al cielo dividido en ocho partes, de modo que para un cielo completamente despejado de nubes se considera nubosidad cero (0), y para el completamente cubierto nubosidad ocho (8). Las clases responden a las existentes en el cielo en el momento de las observaciones; las abreviaturas son las corrientes.
7. **Visibilidad.-** Se anotan los grados de visibilidad horizontal existente en el momento de la observación y utilizando las cifras de la tabla correspondiente, de modo que en una escala de 90 a 99 la primera cifra indique no ser visible un objeto situado a menos de 50 metros y la última a más de 50.000.
8. **Radiación solar.-** Los números indican la cantidad de calor radiante expresado en gramo-calorías por centímetro cuadrado y por minuto deducidos del juego de actinómetros: Bulbo blanco Fuess nº.1872 y Bulbo negro Fuess nº.1873, siendo la constante instrumental 12.3º.
9. **Insolación y Transparencia.-** Los números responden a las escalas especiales siguientes:

   Insolación: Sol completamente oculto (0); id., débil con intermitencias (1); id., id., constante (2); id., bastante bueno con intermitencias (3); id., id., id., constante (4); id., espléndido (5).

   Transparencia: Pésima (1); mala (2); mediana (3); buena (4); muy buena (5).
10. **Heliofanía.-** Las cifras representan las horas y décimos de hora leídas en las fajas del Heliofanógrafo Campbell nº.1541. Cuando se consideran los totales diarios que dan el tiempo que el Sol quemó las fajas del instrumento, se habla de H. efectiva; H. teor.-astronómica son los valores correspondientes al "máximum posible de horas de Sol" que corresponde al Observatorio según su posición geográfica; H. relativa los valores obtenidos de dividir la "H. efectiva" por la "H. teor.-astronómica" y multiplicado por cien.
11. **Lluvia.-** Los datos se obtienen del pluviómetro Hellmann (Tipo B) situado a 1.50 m.

sobre el nivel del suelo, controlados con el Pluviógrafo Casella nº.428. A los efectos de estudiar el gradiente de caída se consignan además los valores que entregan los Pluviómetros Tipo A colocados a 0.50 m., 7.00 m. y 18.00 m. sobre el nivel del suelo. Los valores expresados en milímetros y décimos representan el total de lluvia caída en las últimas 24 horas.

12. Estado del suelo.- Los valores vienen dados en cifras del código internacional de 0 a 9.

13. Evaporación.- Los números expresados en milímetros y décimos de milímetros representan el total de agua evaporada en las últimas 24 horas deducidos del Evaporímetro nº.30. Se entiende que el total del agua evaporada es la determinada en la observación de las 8.00 horas.

14. Geohidrometría.- Las cifras representan el porcentaje de humedad a las profundidades diversas del suelo, considerando que éste ha sido previamente deshidratado a una temperatura de 105° C.

15. Freatímetro.- Los valores expresados en milímetros indican las variaciones del nivel de la primera capa de agua del subsuelo, deducidos del Freatímetro DMGH 133.

16. Geotemperatura.- Valores directos de la temperatura del subsuelo tomados a las horas y profundidades que se indican de los termómetros: Fuess 13281 (0.05 m.), 14530 (0.10 m.), 13117 (0.20 m.), 13135 (0.30 m.), 14786 (0.40 m.); Salmoiraghi 50537 (0.50 m.); Fuess 13198 (1.00 m.), 7061 (2.00 m.); N-Z H3009 (3.00 m.).

17. Temperatura mínima del suelo.- Valores mínimos de la temperatura de la superficie a las 8.00 horas del Termómetro N-Z CE5423.

18. Ocurrencia de hidrometeoros y otros fenómenos.- No habiendo sido posible adquirir caracteres especiales de imprenta valen las siguientes denominaciones:

LL: lluvia.-
Z : llovizna.-
Ni: nieve.-
AN: agua-nieve.-
CH: chaparrones.-
Chni: chaparrones de nieve.-
CHan: chaparrones de agua-nieve.-
G : granizo.-
Gb: granizo blando.-
Pi: piedra.-
N : niebla.-
Ne: neblina.-
Ns: niebla del suelo.-
B : bruma.-
Vx: aire diáfano - Visib. extr.-
Cn: cielo cubierto.-
Ca: cielo claro.-
Ru: tormentas (relámp. y truen.).-
R : relámpagos.-
Tv: vientos fuertes.-
r : rocío.-
h : helada.-
ns: suelo cubierto de nieve.-
Gh: granos de hielo.-
ah: agujas de hielo.-
ñ : cencellada blanda.-
ña: cencellada dura.-
H : hielo glaseado.-
Kn: nevascas.-
Ka: ventisca alta.-
Kb: ventisca baja.-
NIa: nieve con agujas de hielo.-
Tp: tromba-remolinos de polvo.-
Ng: nieve granulada.-
Ta: tempestad de polvo o arena.-
Ds: halo solar.-
Dl: halo lunar.-
Js: corona solar.-
Jl: corona lunar.-
P : arco iris.-
M : aurora.-
S : luz zodiacal.-
E : espejismo.-
Am: amenazante.-
dv: deposición de vapor.-

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DEL
OBSERVATORIO DE SAN MIGUEL

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RESUMEN MENSUAL

El año empieza con tiempo bueno y temperaturas de acuerdo a la estación. Desmejora el 3. Debido a la llegada de un frente frío, este mismo día la presión atmosférica desciende en forma brusca al nivel más bajo del mes con 747.4 mm. Los días siguientes son de tiempo bueno y fresco con máximas diarias inferiores a los 25.0°C. El cambio del viento al sector N y la fuerte insolación restablecen en los dos últimos días de la década el tiempo estival con temperaturas superiores a los 30.0°C.

El primer día de la segunda década se registra un descenso en la temperatura de una amplitud de 20.0°C, provocada por un fuerte empuje de aire frío que atraviesa el Observatorio; no se altera sin embargo el buen tiempo reinante, el que se mantiene durante toda la década con días calurosos y noches frescas. El aire del S recibe dos nuevos impulsos fríos la tarde del 15 y la noche del 17 al 18.

La llegada de aire cálido y húmedo desde el N aumenta transitoriamente la nubosidad el 21, pues al día siguiente un nuevo frente frío se desplaza hacia el Río de la Plata; con ritmo casi constante siguen pasando por el Observatorio otros frentes fríos hasta fin de mes, en que se hace notar una afluencia más intensa de aire tropical con lo que la temperatura aumenta; el día 29 se registran 38.1°C, máxima del mes y de todo el verano. En los dos últimos días el Observatorio se encuentra en una zona frontal entre este aire tropical y un frente frío que avanza desde el S. En la noche del 30 al 31 cae prácticamente la única lluvia del mes, registrándose 4.2 mm sobre un total de 5.7 mm.

El mes en general ha resultado sumamente seco. El constante aporte de aire fresco y seco hace que los promedios de la tensión del vapor y de la humedad relativa sean inferiores en 3 mm y 20% respectivamente con respecto a los valores normales. La escasa nubosidad se pone de manifiesto en el exceso de 30 horas de brillo solar sobre el promedio general. Debido a la constante actividad ciclónica, la presión atmosférica marca 1.0 mm por debajo de su importe medio.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	9	-21	- 9	55	35	44	52	79	93	58	44	52	61	44	67
2	-	-	-	-	-	-	-	18	12	26	20	-30	35	47	76
3	3	3	9	26	29	41	32	29	-	-	-	-	-	50	18
4	12	52	67	87	99	108	146	134	76	-54	15	23	38	38	26
5	66	70	84	76	67	18	18	9	15	61	76	82	52	52	32
6	39	50	47	52	-60	-	-	-	-	23	18	58	41	- 3	-39
7	-	-	-	-	-	20	55	128	140	58	23	29	29	-15	-27
8	23	18	26	6	41	50	87	67	73	23	- 9	35	52	64	52
9	35	41	44	26	3	12	18	47	23	58	35	35	26	18	29
10	47	111	96	82	38	79	154	73	99	67	55	58	47	18	23
11	87	+	-	-	-	76	58	- 9	-150	-	-132	-60	-42	-66	-75
12	64	70	93	186	163	140	131	192	119	105	79	67	15	- 9	-15
13	70	70	82	99	116	61	58	-60	9	29	-	-	-	-	-
14	41	47	44	38	41	64	76	73	47	12	-18	-72	-69	-36	-15
15	12	6	157	227	169	215	175	-	-	-	-	-	-	-135	-144
16	15	38	29	23	15	18	-36	-	-210	-	-	-228	-108	-138	-114
17	32	6	- 9	20	32	41	-15	-72	-42	47	9	29	26	-18	-120
18	12	9	12	15	-18	35	29	18	9	-54	-147	-144	-102	-18	-108
19	82	84	73	76	76	93	134	108	84	35	20	9	9	-181	-313
20	64	47	55	52	35	47	44	18	35	-78	-78	-84	-66	-96	-42
21	23	58	48	47	38	9	-39	-54	-36	9	47	38	58	45	-102
22	79	- 9	-39	-108	-84	64	105	-24	-24	-	-	-	-	-198	-252
23	55	70	44	47	64	70	79	64	41	-180	-258	-280	-126	-66	-12
24	76	52	55	58	64	61	82	99	82	82	52	35	15	26	-18
25	64	58	134	+	195	175	93	-12	-72	-75	-18	-21	-75	12	12
26	73	35	41	47	50	50	20	-209	-252	-192	-162	-216	-138	-258	-189
27	-24	- 6	23	- 6	20	- 3	- 9	6	6	-15	-81	-84	-174	-337	-295
28	- 8	12	- 8	15	26	44	26	- 8	-15	-39	32	47	52	52	41
29	67	70	73	67	70	58	73	52	6	32	64	54	26	-329	-413
30	20	18	29	±	41	58	70	20	12	9	70	64	-297	-96	-40
31	96	105	108	79	32	55	90	-	-	140	210	285	274	204	90
Prom.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	5.44	6.77	12.21	0.80	5.96	8.34	14.30	0.72	0.93	0.89	1.82	1.04	0.71	0.92	1.63	0.77
2	2.46	4.60	7.06	0.54	2.13	2.66	4.79	0.80	0.23	0.26	0.49	0.88	0.25	0.27	0.52	0.93
3	1.79	9.91	11.70	0.18	8.43	9.47	17.90	0.90	1.07	1.09	2.16	0.98	1.64	0.99	2.63	1.66
4	4.91	6.08	10.99	0.80	13.69	7.94	21.63	1.72	0.33	0.60	0.93	0.55	1.17	1.50	2.67	0.78
5	7.05	8.38	15.43	0.84	8.22	8.88	17.10	0.92	0.92	1.01	1.93	0.91	0.98	1.15	2.13	0.85
6	6.84	7.76	14.60	0.87	3.78	4.06	7.84	0.94	0.60	0.99	1.59	0.61	0.54	0.47	1.01	1.15
7	4.15	4.42	8.57	0.92	5.87	5.75	11.62	1.01	0.55	0.63	1.18	0.87	0.82	0.75	1.57	1.09
8	11.64	13.08	24.72	0.90	11.96	14.17	26.13	0.84	1.48	1.51	2.99	0.98	1.81	1.94	3.75	0.93
9	6.92	6.76	13.68	1.03	5.51	5.83	11.34	0.94	0.81	0.92	1.73	0.88	0.71	0.77	1.48	0.92
10	7.79	7.06	14.85	1.12	11.59	11.74	23.33	0.99	1.01	1.04	2.05	0.97	1.11	1.42	2.53	0.78
11	9.25	11.13	20.38	0.83	9.23	8.41	17.64	1.08	0.98	1.01	1.99	0.97	1.24	1.01	2.25	1.23
12	1.24	3.31	4.55	0.39	2.90	4.04	6.94	0.74	0.56	0.52	1.08	1.08	0.48	0.59	1.07	0.81
13	8.30	6.60	14.90	1.26	8.54	11.95	20.49	0.72	0.97	0.83	1.80	1.17	1.16	1.32	2.48	0.88
14	6.51	6.39	12.90	1.01	5.51	5.83	11.34	0.94	0.80	0.68	1.48	1.18	1.11	1.43	2.54	0.78
15	13.95	2.68	16.63	5.28	11.40	11.76	23.16	0.97	0.72	0.51	1.23	1.41	1.03	1.36	2.39	0.76
16	2.43	5.66	8.09	0.43	2.78	3.67	6.45	0.75	0.41	0.53	0.94	0.77	0.40	0.34	0.74	1.18
17	6.85	8.87	15.72	0.78	7.27	8.30	15.57	0.87	0.93	1.03	1.96	0.90	1.04	1.14	2.18	0.91
18	8.65	10.16	18.81	0.85	6.35	8.37	14.72	0.76	1.18	1.18	2.36	1.00	1.02	0.90	1.92	1.13
19	5.67	7.39	13.06	0.76	6.95	8.53	15.48	0.81	0.73	0.92	1.65	0.79	0.92	1.05	1.97	0.88
20	12.05	10.50	22.55	1.14	7.77	7.90	15.67	0.98	1.38	1.34	2.72	1.03	1.01	1.00	2.01	1.01
21	1.72	2.39	4.11	0.72	5.92	6.20	12.12	0.95	0.15	0.31	0.46	0.48	0.68	0.76	1.44	0.89
22	3.43	6.52	9.95	0.53	3.78	5.21	8.99	0.72	0.51	0.58	1.09	0.88	0.53	0.64	1.17	0.83
23	3.43	3.53	6.96	0.98	-	-	-	-	0.43	0.41	0.84	1.05	0.47	0.92	1.39	0.51
24	6.53	6.50	13.03	1.00	8.71	9.92	18.63	0.88	0.91	0.81	1.72	1.12	1.15	1.50	2.65	0.77
25	5.55	6.71	12.26	0.83	8.25	7.90	16.15	1.05	0.57	0.78	1.35	0.73	1.06	1.04	2.10	1.02
26	1.49	1.85	3.34	0.80	2.02	2.37	4.39	0.87	0.26	0.23	0.49	1.13	0.35	0.30	0.65	1.17
27	-	-	-	-	2.66	3.62	6.28	0.73	0.18	0.22	0.40	0.82	0.29	0.40	0.69	0.73
28	3.52	4.82	8.34	0.73	5.48	6.16	11.64	0.89	0.46	0.69	1.15	0.67	0.38	0.73	1.11	0.52
29	3.90	4.08	7.98	0.96	6.84	9.14	15.98	0.75	0.47	0.50	0.97	0.94	0.95	0.97	1.92	0.98
30	2.88	2.67	5.55	1.08	8.07	8.48	16.55	0.95	0.32	0.33	0.65	0.97	1.23	1.19	2.42	1.03
31	3.42	4.45	7.87	0.78	8.77	9.20	17.97	0.96	0.60	0.55	1.15	1.09	1.36	1.27	2.63	1.07
Prom.	5.66	6.37	12.03	0.97	6.88	7.52	14.40	0.90	0.69	0.74	1.43	0.93	0.89	0.97	1.86	0.93

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
-54	-	-42	-33	-12	12	9	-15	-18		122	-213	335	2
55	55	44	38	23	3	- 3	6	9		137	-126	263	2
35	52	47	50	26	-21	-66	-54	-168		*	-*	-	3
-30	-27	20	41	55	58	55	70	79		186	-210	396	2
23	35	47	47	41	47	41	52	58		134	-84	218	2
-18	-66	-15	-21	-	-	-	-	-		*	-*	-	2
15	26	52	38	9	29	38	26	41		192	-123	315	2
50	47	41	47	-	-	44	41	29		157	-69	226	1
12	-39	-39	-18	-12	6	12	18	6		101	-165	266	2
47	55	38	47	44	41	70	50	134		*	-69	-	2
-75	-102	-90	-*	-*	-*	-132	15	35		*	*	-	3
-105	-138	-114	-60	6	12	38	52	131		291	-264	555	2
-	-	-	-	-	-156	-54	12	-27		207	-*	-	3
-18	12	41	-15	-73	96	67	50	- 9		215	-186	401	2
-90	-30	-60	-84	-*	-*	-*	48	48		268	-*	-	3
-120	-72	-132	-108	-21	20	12	6	12		58	-*	-	3
-120	-102	-72	15	18	29	29	-144	-84		198	-262	460	2
-138	-60	-216	-42	41	47	111	84	114		282	-291	573	2
-313	-449	-433	-297	-90	-66	18	58	67		198	-*	-	2
-81	-54	-51	- 6	76	84	35	-	-		143	-198	341	2
-138	-141	-87	6	23	50	70	29	-18		140	-222	362	2
-132	-*	-*	-*	-210	-21	38	41	38		175	-*	-	3
-63	-141	-*	-234	58	79	76	47	58		146	-*	-	3
20	32	-84	-48	29	47	55	67	58		122	-445	567	2
35	41	32	6	70	116	93	87	87		*	-268	-	3
-165	-90	-126	-102	-39	-39	41	9	76		221	-*	-	2
-301	-240	-204	-	-	-	-	-	-		122	-*	-	2
52	-24	-42	9	-32	38	20	50	55		99	-108	207	2
-297	-201	-405	-*	-*	-72	-12	-12	18		*	-*	-	3
- 9	-48	-36	41	73	99	105	64	67		*	-*	-	2
12	50	58	87	47	82	99	23	73		*	-*	-	3
-	-	-	-	-	-	-	-	-					

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
50	55	33	3.34	1.79	551	681	1232	0.81	1.43	0.52
23	-66	35	-1.08	0.61	174	180	354	0.97	-	-
-	-	47	-	4.12	920	1251	2171	0.74	2.59	-
6	20	9	0.62	0.80	628	251	879	2.50	2.92	-
84	73	41	4.70	2.91	744	737	1481	1.01	1.10	0.73
26	64	-60	3.39	-2.02	737	853	1590	0.86	-	2.54
20	38	47	1.49	2.46	180	507	687	0.36	-	-
15	23	38	2.29	4.75	1421	486	1907	2.92	2.82	-
29	47	-36	2.71	-1.78	366	624	990	0.59	0.53	1.58
61	67	47	4.58	3.96	-	-	-	-	-	-
-132	-66	102	-4.38	7.65	490	507	997	0.97	1.61	1.79
76	76	-144	2.74	-5.14	825	306	1131	2.70	0.25	0.64
-	-	-	-	-	1224	1247	2471	0.98	0.64	1.25
-24	-42	55	-2.07	4.66	792	916	1708	0.86	-	0.85
-	-	-18	-	-1.43	245	394	639	0.62	-	-
-	-283	-102	-8.87	-2.52	677	735	1412	0.92	0.79	1.60
3	20	-84	1.31	-6.10	553	624	1177	0.88	2.17	1.76
-138	-132	-219	-10.38	-14.02	1136	368	1504	3.09	2.14	0.80
23	9	-409	0.50	-26.86	492	849	1341	0.58	0.41	1.51
-90	-90	-36	-8.16	2.41	348	306	654	1.14	-	-
41	41	-105	0.63	-5.04	306	283	589	1.08	0.64	0.64
-301	-	-	-	-	394	572	966	0.69	-	1.88
-276	-301	-	-8.43	-	306	509	815	0.60	-	-
52	32	9	1.83	0.80	1079	920	1999	1.17	0.17	1.93
-38	-20	29	-0.90	2.03	245	681	926	0.36	-	0.81
-174	-204	-144	-3.33	-3.12	287	245	532	1.17	1.34	-
-102	-36	-234	-0.48	-5.38	306	1190	1496	0.26	3.22	2.75
35	35	-47	1.34	-1.74	622	735	1357	0.85	-	2.15
79	55	-264	1.78	-16.90	429	566	995	0.76	2.31	1.93
73	58	-45	1.26	-3.63	341	306	647	1.11	0.51	-
224	285	55	10.92	4.82	675	744	1419	0.91	0.88	0.77
-13	- 9	-50	-0.09	-1.85	583	619	1202	1.08	1.42	1.42

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	3.5	7.0	7.9	11.4	10.5	7.0	1.8	- 1.9	- 2.8	6.2	11.4	8.8	7.0
2	6.2	12.3	8.8	8.8	3.5	7.0	- 7.5	- 3.7	- 6.6	- 0.9	9.7	- 9.4	-19.9
3	7.0	10.5	11.4	8.8	10.5	9.7	4.4	5.3	10.5	17.6	29.9	21.9	21.1
4	4.4	3.5	5.3	1.8	3.5	5.3	5.3	2.6	-	2.6	8.8	16.7	7.0
5	5.3	4.4	7.0	6.2	5.3	5.3	- 1.9	3.5	0.9	7.0	15.8	8.8	6.2
6	3.5	7.0	7.0	7.0	6.2	7.0	- 3.7	- 5.6	- 0.9	- 7.5	10.5	11.4	6.2
7	3.5	5.3	7.0	10.5	10.5	8.8	- 3.7	- 3.7	- 1.9	8.8	19.3	14.0	17.6
8	7.0	10.5	12.3	10.5	9.7	7.0	3.5	- 4.7	3.5	10.5	7.9	5.3	3.5
9	4.4	7.0	7.0	3.5	5.3	3.5	- 2.8	- 3.7	2.6	7.9	9.7	12.3	8.8
10	6.2	3.5	3.5	4.4	- 2.8	3.5	- 2.8	- 4.7	- 9.4	- 2.8	4.4	2.6	- 1.9
11	7.0	5.3	5.3	6.2	4.4	5.3	- 3.7	- 4.7	- 0.9	8.8	8.8	12.3	8.8
12	1.8	3.5	5.3	5.3	5.3	3.5	- 2.8	- 1.9	3.5	6.2	9.7	8.8	8.8
13	7.0	4.4	5.3	7.0	3.5	2.6	- 2.8	- 4.6	- 3.7	2.6	14.0	12.3	1.8
14	- 2.8	4.4	- 0.9	5.3	4.4	3.5	7.0	2.6	3.5	- 3.7	7.9	5.3	- 0.9
15	- 4.7	- 1.9	- 1.9	- 1.9	- 5.6	- 9.4	-10.3	- 8.5	-14.9	- 3.7	3.5	7.9	1.8
16	- 2.8	4.4	3.5	5.3	4.4	1.8	- 1.9	- 2.8	3.5	5.3	6.2	10.5	3.5
17	- 9.4	- 7.5	- 1.9	- 1.9	1.8	3.5	- 8.5	- 2.8	3.5	7.9	7.0	11.4	2.6
18	0.9	1.8	0.9	5.3	9.7	5.3	- 4.7	- 2.8	- 2.8	4.4	6.2	6.2	4.4
19	1.6	3.1	- 1.6	- 6.4	-19.2	-24.0	-22.4	-12.8	-22.4	-24.2	-11.2	-12.8	-16.0
20	2.6	1.8	3.5	4.4	5.3	- 5.6	- 5.6	- 3.7	- 7.5	3.5	5.3	10.5	5.3
21	-11.3	-11.3	- 7.5	- 3.7	- 4.7	- 5.6	- 5.6	- 6.6	- 8.5	- 8.5	- 5.6	5.3	2.6
22	- 3.7	- 1.9	1.8	- 1.9	- 2.8	- 3.7	- 9.4	-11.3	- 1.9	5.3	6.2	4.4	1.8
23	- 5.6	- 1.9	2.6	5.3	- 3.7	1.8	- 6.6	- 6.6	- 9.4	- 3.7	2.6	7.0	- 1.9
24	- 4.6	2.6	2.6	3.5	- 3.7	5.3	- 2.8	1.8	- 3.7	8.8	4.4	14.0	- 7.5
25	- 1.9	5.3	- 4.6	- 5.6	- 9.4	- 2.8	- 5.6	- 2.8	- 7.5	- 1.9	- 1.9	5.3	- 3.7
26	- 6.6	- 5.6	- 2.8	- 0.9	- 5.6	- 5.6	1.8	- 2.8	2.6	4.4	- 5.6	- 3.7	3.5
27	- 1.9	- 0.9	1.8	4.4	3.5	3.5	- 0.9	- 6.6	- 6.6	- 7.5	7.0	10.5	5.3
28	8.8	14.0	11.4	13.2	12.3	12.3	6.1	3.5	- 4.6	3.5	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-
30	- 1.9	- 2.8	3.5	5.3	2.6	3.5	- 5.6	- 8.5	-	-	-	8.8	- 2.8
31	- 2.8	- 1.9	- 2.8	2.6	2.6	- 1.9	4.4	15.8	15.8	8.8	11.4	10.5	2.6
Prom	6.9	2.9	3.3	4.1	2.2	1.9	- 2.9	- 2.9	- 2.3	2.1	7.2	7.8	2.5
Var.	6.8	2.8	3.2	4.0	2.1	1.8	- 3.0	- 3.0	- 2.4	2.0	7.1	7.7	2.4

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 9.7	- 3.2	- 3.2	- 4.8	-12.8	-12.8	-12.8	-35.2	-22.4	-25.6	-22.4	-22.4	-19.2
2	-20.8	- 8.0	- 6.4	- 9.6	-20.8	-24.2	-22.4	-16.0	- 8.0	-28.8	-14.4	-17.6	-12.8
3	3.1	1.6	3.1	- 4.8	-22.4	-25.6	-25.6	-16.0	-22.4	-25.6	-19.2	-14.4	-19.2
4	- 3.2	- 1.6	- 1.6	- 4.8	-24.0	-12.8	6.3	39.2	-	-30.4	-16.0	-19.2	-12.8
5	- 3.2	- 1.6	- 3.2	- 3.2	-22.4	-25.6	-20.8	- 9.6	-25.6	-25.6	-16.0	-17.6	-19.2
6	- 4.8	1.6	- 1.6	- 3.2	-14.4	-22.4	-14.4	-12.8	-17.6	-16.0	-22.4	-17.6	-16.0
7	- 8.0	1.6	- 3.2	- 4.8	-27.2	-25.6	-24.0	-12.8	-20.8	-25.6	-16.0	-16.0	- 9.6
8	6.3	7.9	- 1.6	3.1	- 4.8	- 8.0	-12.8	-16.0	-20.8	-19.2	-19.2	-20.8	- 9.6
9	- 6.4	3.1	1.6	- 3.2	-19.2	-22.4	-14.2	-17.6	-32.0	-22.4	-16.0	-14.4	-12.8
10	3.2	3.2	1.6	- 3.2	-17.6	-20.8	-14.4	- 9.6	-14.4	-20.8	-12.8	- 8.0	- 9.6
11	3.1	3.1	- 3.2	- 3.2	-19.2	-25.6	-19.2	-17.6	-12.8	- 8.0	-14.4	-12.8	- 8.0
12	3.1	6.3	3.1	1.6	-12.8	-20.8	-19.2	-16.0	-12.8	-14.4	-14.4	-12.8	-11.2
13	1.6	3.1	- 3.2	- 4.8	-19.2	-25.6	-22.4	-20.8	-24.0	-35.2	-25.6	-14.4	-16.0
14	3.1	6.3	1.6	- 3.2	-19.2	-22.4	-16.0	-14.4	-19.2	-22.4	-12.8	-14.4	-12.8
15	-12.8	-11.2	- 9.6	-12.8	-17.6	-16.0	-14.4	-22.4	-27.2	-20.8	-30.4	-22.4	-11.2
16	- 3.2	3.1	1.6	- 4.8	-20.8	-22.4	-20.8	-25.6	-25.6	-28.8	-19.2	-16.0	-14.4
17	7.9	9.5	4.8	1.6	-12.8	-20.8	-16.0	- 9.6	-16.0	-35.2	-16.0	-16.0	-16.0
18	3.1	4.8	4.8	- 1.6	-19.2	-25.6	-22.4	-20.8	-24.0	-19.2	-14.4	-16.0	-12.8
19	- 9.4	- 7.5	- 2.8	- 0.9	- 2.8	3.5	- 5.6	- 1.9	- 8.5	- 1.9	12.3	8.8	10.5
20	- 3.2	3.1	- 1.6	- 4.8	-19.2	-24.0	-20.8	-11.2	-19.2	-20.8	-17.6	-12.8	-16.0
21	1.6	3.1	- 3.2	- 3.2	-24.0	-25.6	-27.2	-16.0	-24.0	-32.0	-28.8	-12.8	-12.8
22	- 6.4	4.8	1.6	1.6	- 6.4	- 8.0	-12.8	-16.0	-16.0	-12.8	-12.8	-12.8	- 9.6
23	- 8.0	- 3.2	- 3.2	- 6.4	-16.0	-20.8	-22.4	-16.0	-25.4	-25.6	-19.2	-14.4	-12.8
24	- 3.2	- 1.6	- 3.2	- 3.2	-22.4	-16.0	-30.4	-17.6	-20.8	-19.2	- 3.2	- 6.4	- 6.4
25	7.9	7.9	3.1	3.1	-14.4	-27.2	-16.0	- 4.8	-11.2	-17.6	- 3.2	- 3.2	- 1.6
26	6.3	4.8	3.1	- 3.2	-16.0	-19.2	-24.0	- 9.6	-12.8	-16.0	-19.2	-12.8	-14.4
27	- 4.8	- 3.2	- 3.2	- 3.2	- 4.8	-20.8	-16.0	- 8.0	-19.2	-19.2	-19.2	-16.0	-16.0
28	- 3.2	3.1	- 1.6	- 3.2	-16.0	-14.0	-14.4	-14.4	-16.0	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-
30	- 3.2	1.6	1.6	- 1.6	- 6.4	-16.0	-16.0	-11.2	-	-	-	- 3.2	- 3.2
31	3.1	3.1	3.1	- 1.6	-12.8	-17.6	- 9.6	- 9.6	- 8.0	-16.0	-12.8	- 9.6	-12.8
Prom	2.1	1.5	- 0.6	- 3.1	-16.2	-13.0	-17.5	-11.9	-18.1	-20.8	-16.1	-13.2	-11.6
Var.	13.4	12.8	10.7	8.2	4.2	- 1.7	- 6.2	- 0.6	- 6.8	- 9.5	- 4.8	- 1.9	- 0.3

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
7.0	8.8	4.4	- 3.7	- 4.7	- 3.7	0.9	1.8	2.6	7.0	3.5	4.2	0
-27.4	- 1.9	- 3.7	- 5.6	- 2.8	- 1.9	4.4	5.3	2.6	7.0	8.8	- 0.7	0
15.8	6.2	5.3	7.6	7.0	5.3	10.5	5.3	7.0	8.8	3.5	10.4	1
7.0	2.6	- 3.7	- 7.5	- 5.6	- 3.7	3.5	5.3	7.0	5.3	6.2	3.5	1
7.0	- 4.7	- 1.9	- 7.5	- 0.9	3.5	7.0	2.6	- 1.9	3.5	3.5	3.5	1
6.2	-11.3	-12.2	- 9.4	- 5.6	- 3.7	5.3	5.3	7.9	8.8	7.0	1.9	2
7.0	-11.3	- 5.9	-11.3	- 4.7	3.5	6.2	7.9	7.0	7.0	4.4	4.4	1
2.6	3.5	- 1.9	- 7.5	- 3.7	2.6	5.3	5.3	5.3	5.3	1.8	4.4	1
7.0	- 0.9	- 5.6	- 7.5	- 6.6	- 2.8	2.6	2.6	1.8	3.5	7.0	2.7	0
2.6	- 4.7	- 1.9	- 5.6	- 4.7	- 1.9	3.5	5.3	3.5	8.8	8.8	0.7	0
5.3	- 1.9	- 7.5	- 4.7	0.9	- 1.9	6.2	7.0	8.8	11.4	5.3	3.8	0
5.3	- 3.7	- 5.6	- 3.7	- 3.7	- 4.7	- 0.9	1.8	3.5	7.0	5.3	2.4	0
- 6.6	- 3.7	- 3.7	-13.1	- 7.5	- 2.8	3.5	3.5	4.4	3.5	4.4	1.3	1
7.0	- 1.9	-14.9	-11.3	- 7.5	- 5.6	0.9	1.8	3.5	4.4	1.8	0.6	1
- 4.7	- 5.6	- 3.7	- 7.5	- 5.6	- 3.7	0.9	- 1.9	- 6.6	0.9	1.8	- 3.6	1
- 3.7	- 2.8	- 0.9	-10.3	- 1.9	- 2.8	3.5	- 1.9	2.6	5.3	2.6	1.5	1
- 1.9	- 1.9	- 3.7	-11.3	- 8.5	- 3.7	2.6	- 5.6	2.6	2.6	- 2.8	- 0.9	0
1.8	- 2.8	- 9.4	-11.3	-11.3	- 9.4	2.6	- 3.7	3.5	4.4	2.6	0.1	0
-16.0	-14.4	- 9.6	-11.2	-20.8	-19.2	-24.0	-19.2	-16.0	- 3.2	- 3.2	-13.8	1
-16.8	2.6	- 1.9	- 4.6	- 3.7	- 1.9	5.3	5.3	5.3	7.0	3.5	0.8	2
- 7.5	- 6.6	-18.1	-32.1	-15.9	- 9.4	- 4.7	- 1.9	3.5	- 1.9	1.8	- 6.8	1
- 0.9	- 5.6	- 9.4	-13.1	-14.4	- 7.5	- 4.6	- 5.6	-11.3	- 1.9	- 4.6	- 5.8	0
- 2.8	- 1.9	- 8.5	-14.9	-13.1	- 7.5	- 7.5	-17.8	- 5.6	- 3.7	- 0.9	- 4.3	0
-37.6	-17.8	-21.8	-19.9	-17.8	- 7.5	- 7.5	2.6	- 3.7	2.6	6.1	- 4.1	2
- 4.6	- 9.4	- 6.6	-18.1	-13.1	- 7.5	- 1.9	- 3.7	- 2.8	1.8	- 1.9	- 4.6	1
- 4.6	- 3.7	1.8	- 6.6	- 9.4	- 8.5	- 8.5	-10.3	- 8.5	3.5	- 1.9	- 3.5	1
5.3	- 3.7	-14.9	-15.9	-22.7	- 9.4	- 3.7	3.5	3.5	3.5	6.1	- 1.5	1
-	-	-	-	-	-	-	-	-	-	-	8.0	-
-	-	-	-	-	-	- 3.7	- 5.6	- 7.5	4.4	- 2.8	- 3.0	-
- 1.9	- 5.6	- 7.5	-14.9	-10.3	- 4.6	- 1.9	- 2.8	1.8	5.3	5.3	- 1.6	1
1.8	14.0	14.0	- 7.5	- 9.4	- 3.7	7.0	5.3	7.0	8.8	4.4	4.4	2
- 1.7	- 2.7	- 3.5	- 2.6	- 6.3	- 4.3	0.4	0.1	0.9	4.3	2.6	0.1	
- 1.8	- 2.8	- 3.6	- 2.7	- 6.4	- 4.4	0.3	- 0.0	0.8	4.2	2.5		

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-14.4	- 9.6	- 9.6	-19.2	-22.4	-17.6	-20.8	-22.4	-22.4	- 8.0	-14.4	-14.8	2
-22.4	-16.0	-19.2	6.3	- 9.6	-12.8	-19.2	-16.0	-16.0	- 3.2	- 1.6	-14.3	2
-16.0	-20.8	-16.0	-19.2	-24.0	-14.4	-19.2	-17.6	-12.8	- 6.4	1.6	-14.7	2
-14.4	-16.0	-12.8	-14.4	-22.4	-16.0	-16.0	-19.2	-14.4	- 1.6	- 1.6	- 9.4	2
-16.0	-16.0	-14.4	-22.4	-25.6	-20.8	-19.2	-16.0	-16.0	- 4.8	- 3.2	-15.3	2
-14.4	- 8.0	-14.4	-16.0	-22.4	-17.6	- 6.4	- 6.4	- 8.0	6.3	1.6	-11.1	1
- 9.6	- 9.6	-12.8	-24.0	-20.8	-17.6	-14.4	-14.4	-11.2	- 3.2	- 6.4	- 8.2	1
-20.8	-16.0	-19.2	-17.6	-19.2	-12.8	-16.0	-11.2	-17.6	- 3.2	- 3.2	-11.3	1
- 9.6	- 9.6	- 9.6	-12.8	-19.2	-12.8	-11.2	- 9.6	- 9.6	- 4.8	- 4.8	-12.3	2
- 8.0	- 3.2	- 4.8	- 6.4	-12.8	- 3.2	-16.0	-12.8	- 4.8	1.6	1.6	- 7.6	1
-16.0	-12.8	- 9.6	-11.2	-12.8	-11.2	-12.8	-16.0	-12.8	- 3.2	- 1.6	-10.7	2
-12.8	-16.0	-11.2	-14.4	-19.2	-12.8	-16.0	-16.0	-14.4	- 3.2	1.6	-10.6	0
- 9.6	-14.4	- 9.6	-17.6	-19.2	-14.4	-19.2	-16.0	- 9.6	1.6	3.1	-13.8	0
-16.0	-14.4	-16.0	-22.4	-22.4	-19.2	-25.6	- 6.4	- 9.6	- 4.8	- 6.4	-13.3	1
-11.2	-16.0	-16.0	-12.8	-19.2	-17.6	-22.4	-25.6	-25.6	-11.2	- 8.0	-16.4	1
-17.6	-19.2	-17.6	-20.8	-22.4	-19.2	-24.0	-17.6	-16.0	- 4.8	- 4.8	-15.8	2
-14.4	-12.8	- 6.4	-12.8	-16.0	-12.8	-12.8	-16.0	- 9.6	- 1.6	- 1.6	-10.5	1
-14.4	-12.8	-14.4	-22.4	-24.0	-19.2	-19.2	-19.2	-11.2	3.1	4.8	-13.0	1
2.6	- 7.5	-11.3	-12.2	-24.6	-12.2	- 9.4	- 8.5	- 8.5	- 3.7	- 1.9	- 4.3	1
-12.8	-12.8	- 8.0	-12.8	-12.8	-16.0	- 9.6	- 9.6	- 3.2	4.8	3.1	-10.7	0
-11.2	-16.0	-22.4	-20.8	-16.0	-16.0	-16.0	-11.2	- 3.2	4.8	3.1	-13.7	1
-11.2	-14.4	-14.4	-19.2	-16.0	-16.0	-19.2	-14.4	-22.4	- 3.2	- 3.2	-10.8	1
-11.2	- 9.6	- 9.6	-14.4	-19.2	-16.0	-16.0	-12.8	- 3.2	3.1	1.6	-12.5	1
-12.8	-12.8	- 6.4	- 9.6	-14.4	-11.2	-12.8	- 4.8	- 9.6	3.1	1.6	-10.1	2
- 4.8	- 3.2	- 2.2	- 9.6	-14.4	-11.2	-16.0	-19.2	- 9.6	- 1.6	3.1	- 6.9	1
- 6.4	- 4.8	- 9.6	-11.2	-16.0	- 9.6	-12.8	- 9.6	- 9.6	3.1	4.8	- 5.2	1
-14.4	-12.8	-11.2	-12.8	-19.2	-16.0	- 9.6	- 9.6	- 9.6	- 3.2	- 1.6	-11.4	0
-	-	-	-	-	-	-	-	-	-	-	- 9.1	-
-	-	-	-	-	-	-19.2	-19.2	-32.0	- 8.0	- 4.8	-16.6	-
- 6.4	- 6.4	- 1.6	- 3.2	-16.0	-12.8	- 9.6	-12.8	- 4.8	3.1	3.1	- 5.9	0
-12.8	-14.4	-16.0	-12.8	-19.2	- 9.6	-16.0	-11.2	-11.2	- 3.2	- 1.6	- 9.5	0
-12.4	-12.2	-11.6	-14.4	-18.6	-14.4	-15.9	-14.0	-12.2	- 2.2	- 1.1	-11.3	
- 1.1	- 0.9	- 0.3	- 3.1	- 7.3	- 3.1	- 4.6	- 2.7	- 0.9	9.1	10.2		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	52.8	52.7	52.8	53.1	53.3	53.5	53.7	54.0	53.7	53.7	53.6	53.3	52.9	52.6	51.9
2	53.3	53.4	53.7	54.4	54.9	55.8	56.1	56.4	56.4	56.3	56.3	56.0	55.5	55.2	55.9
3	53.2	52.6	52.0	51.9	52.1	52.2	53.6	53.4	52.6	52.4	51.4	51.3	51.1	50.6	50.2
4	54.5	55.0	55.3	56.2	57.2	58.1	58.5	58.6	50.0	50.0	50.0	50.0	49.9	58.8	58.4
5	62.1	62.0	61.7	62.0	61.9	62.0	61.9	61.8	61.8	61.6	61.1	60.6	60.0	59.2	58.4
6	55.3	54.7	54.6	54.0	55.0	56.0	54.0	55.7	55.4	55.5	55.4	55.4	55.4	55.4	55.5
7	61.4	61.2	61.0	61.2	61.6	62.0	62.0	62.4	62.2	62.1	62.2	62.2	61.9	61.7	61.8
8	62.9	62.9	62.9	63.0	63.3	63.5	63.5	63.4	63.5	63.4	63.2	62.8	62.5	62.0	61.5
9	60.2	59.7	59.5	59.3	59.3	59.6	59.5	59.4	59.1	59.0	58.4	57.9	57.2	56.5	55.9
10	55.0	54.8	54.9	54.9	55.4	55.8	56.2	56.7	56.4	56.0	55.4	54.7	53.9	53.4	52.9
11	52.3	50.9	51.4	50.7	50.2	50.5	50.6	50.6	50.5	50.6	50.6	50.4	49.6	49.8	49.5
12	56.5	56.0	55.3	55.2	55.1	55.0	55.0	55.2	55.2	54.7	54.4	54.1	53.7	52.9	51.9
13	49.0	48.8	48.5	48.4	48.8	49.3	50.0	50.2	50.1	50.1	50.3	50.6	50.9	51.0	51.0
14	57.5	57.4	57.5	57.9	58.5	59.1	59.5	60.3	60.2	59.9	59.7	59.4	58.5	58.1	57.5
15	55.4	54.9	54.4	54.2	54.3	54.6	54.9	55.0	54.8	54.8	54.4	53.8	53.4	53.0	52.6
16	57.0	57.0	57.0	57.0	57.3	57.6	57.8	58.0	57.8	57.9	57.9	57.9	57.6	56.9	56.4
17	54.2	53.8	53.3	53.0	52.9	52.9	52.9	52.9	52.3	51.8	51.3	51.0	50.4	49.6	49.0
18	50.6	50.7	50.8	51.2	51.7	52.3	52.8	53.6	53.5	53.6	53.8	53.8	53.7	53.6	53.7
19	57.2	57.3	57.6	57.8	58.7	59.5	59.8	60.2	60.4	60.3	60.3	60.3	59.9	59.4	59.3
20	60.9	60.7	60.6	60.6	60.6	60.9	61.1	61.4	61.2	60.9	60.6	60.0	59.7	58.9	58.6
21	57.1	56.9	56.8	56.8	56.9	57.0	57.0	56.7	56.6	56.1	55.3	54.6	53.9	52.2	51.5
22	49.7	49.6	49.4	49.3	49.4	49.4	49.5	49.4	49.4	49.6	49.6	49.7	49.8	49.8	49.8
23	52.4	52.6	52.9	53.7	54.4	54.4	54.6	55.4	56.0	55.9	55.9	55.8	55.6	55.4	55.1
24	57.5	57.7	57.8	57.9	57.8	57.9	58.0	58.3	58.3	58.1	58.1	57.5	57.8	56.4	56.1
25	55.8	55.6	55.5	55.5	55.7	56.2	56.4	56.6	57.1	57.1	56.8	56.5	56.2	55.7	55.2
26	55.0	55.0	55.1	55.1	55.3	55.7	55.9	56.0	55.6	55.4	54.9	54.0	53.5	52.8	52.3
27	54.1	54.3	54.6	55.1	55.5	55.8	56.2	56.6	56.7	56.5	56.4	56.4	56.1	55.8	55.7
28	55.9	55.5	55.6	55.5	55.6	55.7	55.8	55.8	55.8	55.3	54.7	54.2	53.5	52.7	52.3
29	51.8	51.8	51.6	51.6	51.7	51.8	52.3	53.3	52.9	52.6	52.5	52.0	51.4	51.2	51.6
30	54.7	54.4	54.2	54.4	54.5	54.6	54.6	54.9	54.5	54.4	54.3	53.9	53.5	53.4	53.2
31	52.2	51.7	51.0	51.2	51.6	52.2	53.0	53.8	53.4	53.2	53.3	53.3	52.7	52.6	52.3
Prom	55.4	55.2	55.1	55.2	55.5	55.8	56.0	56.3	55.9	55.8	55.6	55.3	54.9	54.7	54.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	17.6	17.5	16.8	16.7	15.6	16.3	20.8	24.3	26.2	27.3	28.4	30.1	31.7	31.6	31.6
2	19.2	19.7	19.7	19.7	19.6	19.8	20.8	21.7	21.7	22.5	24.0	24.5	24.6	25.0	25.0
3	18.2	17.3	16.5	16.5	16.8	19.2	20.6	20.6	20.5	20.2	24.9	27.4	29.3	30.6	30.8
4	15.5	14.7	13.8	12.8	11.8	11.6	15.3	17.6	19.0	20.1	20.8	22.2	22.6	23.6	23.8
5	12.8	12.0	10.9	10.0	9.3	9.5	15.8	18.0	19.1	19.4	20.7	21.7	22.5	23.2	22.7
6	16.9	16.3	16.0	16.2	16.3	16.7	18.8	19.2	21.9	24.9	26.8	27.4	28.3	28.3	28.0
7	15.7	14.5	13.7	12.9	11.9	11.6	15.0	17.3	19.5	20.2	21.6	22.2	22.5	22.1	21.3
8	12.2	11.7	12.5	10.9	9.6	9.6	16.0	19.4	21.5	23.5	24.4	25.9	26.8	27.4	27.9
9	16.9	16.0	15.9	14.3	13.2	14.1	18.3	21.8	24.3	26.1	27.5	29.5	30.4	30.7	30.8
10	19.0	18.2	17.7	17.1	16.9	17.5	22.7	26.3	28.4	30.7	32.3	33.2	34.4	34.0	33.7
11	23.2	25.3	24.3	24.0	22.9	24.0	25.6	29.1	31.6	33.8	34.8	36.0	36.2	36.2	36.2
12	16.8	15.7	15.0	14.9	12.5	13.2	17.8	21.0	23.8	25.4	26.9	28.1	29.9	30.0	30.5
13	21.4	20.6	19.4	18.7	18.1	17.8	22.4	25.2	26.7	29.9	30.9	30.9	31.1	31.4	31.4
14	14.2	12.1	10.2	9.4	9.1	10.4	14.8	17.7	19.8	21.6	23.5	25.1	26.2	26.6	27.3
15	17.2	17.1	17.1	16.6	15.8	15.9	19.0	23.4	25.8	29.8	31.8	33.3	35.0	36.6	37.1
16	19.1	18.8	17.7	17.0	16.3	16.3	21.1	23.2	24.6	25.4	26.2	27.1	28.0	28.6	28.5
17	21.3	21.5	20.8	20.0	19.1	19.2	21.4	24.2	26.6	29.4	31.4	33.0	34.5	35.3	35.2
18	23.5	22.1	21.2	20.8	19.8	19.6	20.1	22.8	24.5	26.2	27.6	28.4	29.3	29.3	29.4
19	13.3	12.3	12.7	12.2	11.9	12.2	18.0	21.2	24.3	26.0	27.7	28.4	29.3	29.3	28.7
20	16.7	16.0	15.2	14.2	14.0	14.0	16.0	19.6	21.7	23.2	25.4	27.3	28.1	28.4	28.5
21	17.9	18.2	17.4	15.7	14.7	14.8	18.0	21.6	23.3	25.9	27.0	27.3	28.4	29.4	29.9
22	21.1	19.7	18.9	18.5	18.5	18.4	21.2	25.8	28.7	29.3	30.1	30.3	30.4	30.8	30.4
23	18.5	17.6	14.7	14.8	14.9	14.2	16.1	18.9	20.6	22.2	22.3	22.6	22.8	23.0	23.6
24	12.2	11.0	10.2	9.2	9.2	9.1	10.6	16.8	19.4	21.6	22.3	23.5	24.4	25.6	25.9
25	16.0	15.6	15.4	15.6	15.2	15.1	17.9	23.2	26.6	29.2	31.0	32.4	33.3	33.7	33.4
26	18.5	19.6	19.6	19.5	19.1	19.8	22.7	25.6	28.7	30.8	33.9	36.1	36.2	36.3	36.4
27	23.2	22.0	20.3	17.4	16.1	16.5	18.1	21.2	23.4	25.9	27.9	29.3	29.7	29.5	28.9
28	20.0	19.6	20.0	20.2	19.8	20.0	21.4	24.1	25.9	27.6	30.5	33.9	36.0	37.5	37.9
29	25.1	25.1	24.7	25.8	24.2	22.6	24.0	29.5	32.1	34.1	36.3	38.1	38.0	37.6	36.6
30	22.9	22.4	21.2	20.2	19.8	19.1	20.3	22.6	24.8	26.9	29.0	30.4	30.0	29.7	29.6
31	22.1	22.1	22.0	21.5	21.5	21.6	21.5	20.6	20.7	22.0	23.2	24.0	25.9	26.1	25.6
Prom	18.3	17.8	17.1	16.6	15.9	16.1	19.1	22.0	24.1	25.8	27.4	28.4	29.5	29.9	29.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
51.6	50.5	50.1	51.4	50.8	51.1	52.2	52.7	53.0	53.0	24	50.0	17-18	3.0	752.5 mm.	1003.3 mb.
55.3	54.1	53.5	53.8	54.2	54.1	54.2	53.9	53.6	56.4	8,9	53.0	0	3.4	54.8	1006.4
48.6	47.5	49.0	49.9	51.5	52.7	54.2	54.4	55.0	55.0	24	47.4	16-17	7.6	51.8	1002.4
58.3	58.6	58.9	59.4	60.3	61.2	61.4	62.0	62.1	62.1	24	49.9	13	12.2	56.8	1009.0
57.7	57.1	56.7	56.6	56.2	56.2	56.3	56.3	56.0	62.1	0,1	56.0	0	6.1	59.5	1012.6
55.7	56.0	57.2	57.9	58.7	59.4	60.7	61.3	61.6	61.6	24	54.0	4	7.6	56.5	1008.6
61.5	61.4	61.6	61.7	62.0	62.2	62.5	62.9	63.1	63.1	24	60.9	2-3	2.2	61.9	1015.8
60.9	60.7	60.4	60.4	60.5	60.6	60.8	60.7	60.7	63.5	6,7,9	60.4	18,19	3.1	62.1	1016.1
55.0	54.9	55.0	55.2	55.2	55.3	55.4	55.5	55.5	60.7	0	54.9	17	5.8	57.4	1009.8
52.7	52.0	51.9	52.1	52.3	52.8	53.1	52.7	53.5	56.7	8	51.9	18	4.8	54.2	1005.6
49.6	50.2	51.3	54.2	52.6	54.2	55.1	55.8	56.4	56.4	24	49.5	16	6.9	51.6	1002.1
50.9	50.0	50.0	50.0	49.6	49.5	49.5	49.3	49.0	56.5	1	49.0	24	7.5	52.8	1003.7
51.1	51.4	52.0	52.9	54.0	55.1	56.0	57.0	57.5	57.5	24	48.4	4	9.1	51.4	1001.8
56.8	56.1	56.0	56.1	56.2	56.2	56.1	56.1	55.7	60.3	8	55.7	24	4.6	57.8	1010.4
52.1	51.9	51.7	52.1	54.2	55.3	56.7	57.1	57.1	57.1	24	51.7	18	5.4	54.3	1005.7
55.9	55.5	55.4	55.2	55.2	55.1	55.0	55.0	54.5	58.0	8	54.5	24	3.5	56.6	1008.8
48.6	48.3	48.1	48.5	48.9	49.4	49.7	50.2	50.6	54.5	0	48.1	18	6.4	51.0	1001.3
53.7	53.6	54.3	55.6	55.6	56.5	56.8	57.0	57.1	57.1	24	50.5	0-1	6.6	53.7	1004.9
59.3	59.4	59.7	60.1	60.2	60.6	61.0	61.1	61.0	61.1	23	57.1	0	4.0	59.6	1012.8
57.9	57.6	57.5	57.6	57.8	57.8	57.9	57.7	57.6	61.4	8	57.5	18	3.9	59.4	1012.5
51.1	50.4	50.3	50.0	49.9	50.0	50.2	49.8	50.0	57.6	0	49.8	23	7.8	53.6	1004.8
49.8	50.0	50.6	51.1	51.6	52.0	52.1	52.2	52.3	52.3	24	49.3	4	3.0	50.2	1000.2
54.6	54.4	55.1	55.6	55.8	56.0	56.4	57.0	57.3	57.3	24	52.3	0	5.0	55.1	1006.8
55.5	55.3	55.4	55.5	55.9	56.4	56.5	56.5	56.2	58.3	8,9	55.3	17	3.0	57.0	1009.3
54.8	54.4	54.3	54.4	54.6	54.9	55.1	55.1	55.2	57.1	9,10	54.3	18	2.8	55.6	1007.4
51.8	51.4	51.6	51.8	52.2	52.8	53.1	53.3	53.3	56.0	8	51.4	17	4.6	53.9	1005.2
55.7	55.6	55.6	55.8	56.2	56.2	56.3	56.3	56.3	56.7	9	53.3	9	3.4	55.8	1007.7
51.6	51.4	51.3	51.4	51.7	52.1	52.4	52.3	52.1	56.3	0	51.3	18	5.0	53.8	1005.0
50.9	50.9	51.2	52.2	53.0	53.6	54.0	54.1	54.2	54.2	24	50.9	16,17	3.3	52.3	1003.0
52.4	51.9	51.6	51.6	51.8	51.9	52.1	52.2	52.3	54.9	9	51.6	18,19	3.3	53.4	1004.5
52.5	52.7	53.0	53.1	53.8	55.0	56.0	56.9	57.3	57.3	24	51.0	3	6.3	53.2	1004.2
54.0	53.7	53.9	54.3	54.6	55.0	55.4	55.6	55.7	57.8		52.6		5.2	55.2	1006.9

312 11.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
28.7	28.1	24.3	22.6	21.4	20.6	20.5	19.1	19.1	31.8	14-15	15.3	5-6	16.5	23.2
24.9	24.1	22.5	20.8	20.0	19.2	19.1	19.1	19.3	25.2	13-14	18.7	22-23	6.5	21.5
29.7	29.7	28.7	27.2	24.8	22.1	19.8	18.6	16.7	30.9	15-16	16.7	24	14.2	22.8
23.4	23.1	21.9	20.1	18.1	16.3	14.3	13.8	13.5	23.9	15-16	11.1	5-6	12.8	17.9
22.8	22.5	21.8	20.4	19.0	17.6	17.4	17.3	16.7	23.2	14	9.3	5	13.9	17.6
27.3	26.7	22.2	19.8	18.6	18.4	17.2	16.0	15.6	28.6	14-15	15.6	24	13.0	21.0
20.8	19.9	19.0	18.0	17.1	16.6	15.8	15.4	14.1	22.5	13	11.3	5-6	11.2	17.4
27.7	27.2	26.2	24.1	20.8	19.1	17.8	17.2	17.8	27.9	15	9.6	5,6	18.3	19.9
30.6	29.7	27.8	25.2	23.4	22.3	20.6	19.5	19.2	30.9	14-15	13.2	5	17.7	22.8
33.2	32.3	30.5	27.6	25.4	25.3	25.1	25.9	24.7	34.4	13	16.9	5	17.5	26.3
35.7	34.4	32.5	29.6	26.2	23.4	21.4	19.2	17.8	36.6	14-15	22.7	4-5	13.9	28.5
30.7	29.0	27.8	25.8	24.1	23.4	22.7	22.5	22.5	31.2	15-16	12.2	5-6	19.0	22.9
30.8	29.3	27.7	25.7	23.4	21.2	19.4	17.8	16.0	31.8	13-14	16.0	24	15.8	24.5
27.2	27.1	26.5	22.5	20.2	19.0	18.5	18.4	17.6	27.3	15	9.1	5	18.2	19.4
37.6	37.0	34.0	31.7	24.7	22.4	21.2	20.6	19.9	37.6	16	15.7	5-6	21.9	25.9
28.0	26.4	24.9	23.0	22.0	21.8	21.8	21.7	21.7	28.9	14-15	16.2	5-6	12.7	22.9
34.6	34.0	32.4	30.3	28.0	26.6	26.9	26.4	25.0	35.5	14-15	19.0	5-6	16.5	27.4
28.7	26.0	23.6	21.6	20.8	19.6	18.2	15.6	14.1	29.5	13-14	14.1	24	15.4	23.0
27.7	25.1	23.0	21.1	19.9	19.3	18.9	18.3	17.6	29.6	13-14	11.9	5	17.7	20.8
28.5	27.8	26.1	23.8	22.1	20.8	20.1	19.3	18.8	28.8	14-15	14.0	5,6	14.8	21.5
28.4	27.4	26.5	25.2	23.8	22.7	21.2	20.3	20.7	30.2	14-15	14.4	5-6	15.8	22.7
30.0	25.1	22.0	20.2	19.4	19.1	19.1	18.7	18.7	30.9	13-14	18.2	3-4	12.7	23.5
24.3	22.5	19.2	18.0	16.6	15.9	15.3	14.2	12.9	24.3	16	12.9	24	11.4	18.6
26.4	26.5	23.6	21.2	18.5	17.0	16.3	16.4	16.3	26.5	17	9.1	6	17.4	18.0
33.4	33.3	31.9	28.4	24.6	22.3	21.2	19.8	19.0	34.3	14-15	15.1	6	19.2	24.5
36.6	36.3	34.9	31.1	27.3	26.1	26.2	24.1	20.8	36.6	16	20.8	24	15.8	27.8
26.7	24.2	23.5	21.5	20.7	19.5	20.4	20.4	20.2	29.7	13	16.1	5	13.6	22.8
37.7	36.5	32.9	28.7	26.0	25.2	25.0	25.0	25.2	37.9	15	19.6	2	18.3	26.9
35.9	34.3	33.3	30.1	29.1	27.7	26.8	25.8	24.2	38.1	12	22.6	6	15.5	30.0
29.1	28.0	27.2	25.8	24.2	23.5	23.0	22.6	22.3	31.4	12-13	18.7	6-7	12.7	24.8
25.9	25.1	24.7	23.6	20.9	19.5	19.4	19.4	18.0	26.2	13-14	18.0	24	8.2	22.4
29.4	28.3	26.6	24.3	22.3	21.1	20.3	19.6	18.9	30.4		15.3		15.1	22.9

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	81	79	83	84	91	85	64	59	54	53	48	46	41	47	47
2	78	75	77	73	79	81	77	77	79	73	63	62	62	60	59
3	89	94	95	95	95	88	81	87	78	77	58	43	45	40	37
4	64	67	74	80	89	81	63	49	43	38	38	37	34	33	34
5	79	77	90	92	94	92	74	67	61	51	50	44	35	39	41
6	62	65	64	64	61	60	52	51	47	42	40	39	37	38	40
7	71	74	78	83	90	89	68	52	42	38	33	33	31	44	46
8	96	91	85	97	100	100	81	57	44	36	41	38	32	31	28
9	62	65	65	73	79	75	61	50	45	40	33	27	21	24	26
10	55	59	62	67	67	68	54	43	37	32	26	21	20	19	15
11	71	49	56	53	54	49	50	41	36	32	27	20	15	13	12
12	55	61	64	62	78	73	64	57	43	37	33	33	30	27	26
13	47	49	52	56	60	60	48	38	38	25	17	19	20	20	17
14	47	53	61	64	63	54	48	42	34	28	25	22	22	22	22
15	57	58	52	51	54	52	44	34	30	19	16	16	15	15	12
16	72	74	74	74	74	73	60	52	48	44	43	41	36	36	40
17	71	72	76	80	85	84	72	63	56	49	40	36	32	28	28
18	52	60	63	77	79	82	76	68	59	41	28	27	23	23	21
19	97	96	97	98	99	100	72	58	36	32	24	22	19	25	26
20	56	56	59	64	59	62	51	32	27	26	23	20	21	25	25
21	71	55	62	72	82	86	70	59	53	47	41	38	32	39	30
22	55	65	61	58	57	56	46	31	24	27	26	31	27	20	17
23	70	75	89	85	82	85	75	60	47	42	42	39	39	40	39
24	80	89	94	100	98	96	88	59	35	23	18	18	18	16	16
25	44	43	47	44	43	42	34	24	20	17	16	17	17	15	16
26	70	59	58	58	58	53	48	38	31	28	22	17	17	24	25
27	53	60	73	88	91	90	85	75	69	69	54	53	52	52	56
28	89	92	92	93	95	94	86	77	69	62	50	42	34	29	21
29	60	61	63	50	58	65	56	30	28	24	19	15	17	22	25
30	46	50	66	75	78	83	74	66	55	47	40	35	44	46	45
31	89	87	88	89	90	88	90	92	93	85	71	72	67	69	68
Prom.	67	68	72	74	77	76	65	54	47	41	36	33	31	32	31

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	12.0	11.5	11.5	11.5	12.0	11.0	11.0	13.3	13.0	14.0	13.5	15.0	14.5	16.4	16.5
2	12.5	12.0	13.0	12.0	13.0	14.0	14.0	14.8	15.0	14.5	13.5	14.0	14.0	14.0	13.5
3	13.5	13.5	12.5	12.5	13.0	14.5	14.5	15.7	13.5	13.5	13.5	11.5	13.0	13.3	12.5
4	8.0	8.0	8.5	8.5	9.0	8.0	8.0	7.3	7.0	6.6	6.8	7.4	6.6	7.2	7.0
5	8.5	8.0	8.5	8.5	8.0	8.0	9.5	13.3	10.0	8.5	8.5	8.0	6.6	8.3	8.5
6	9.0	8.5	8.5	8.5	8.5	8.0	8.5	8.4	9.0	10.0	9.5	10.0	10.5	10.8	10.5
7	9.5	9.0	9.0	9.0	9.0	8.5	8.5	7.6	7.0	6.6	6.2	6.4	6.6	8.8	9.0
8	10.0	9.0	8.5	9.0	8.5	8.5	11.0	9.5	8.0	8.0	9.5	9.0	8.5	8.7	7.6
9	9.0	8.5	8.0	8.5	8.5	8.5	9.5	9.7	9.5	9.5	9.0	8.5	7.4	8.0	9.0
10	8.5	9.0	9.0	9.5	9.5	10.0	10.5	11.0	10.5	10.5	10.0	8.5	7.2	7.5	5.0
11	15.0	11.5	13.0	11.5	10.5	10.5	11.5	12.3	13.0	12.5	11.5	7.8	5.8	6.1	5.8
12	7.4	8.0	7.8	7.8	8.0	8.0	9.5	10.5	9.0	9.0	8.5	9.0	8.5	8.7	9.0
13	9.0	8.5	8.5	9.0	8.5	8.5	9.5	8.8	9.5	7.2	5.8	5.8	6.0	6.8	6.0
14	5.6	5.4	5.8	5.4	5.4	4.8	6.0	6.4	5.6	5.2	4.8	5.4	5.6	5.6	6.0
15	8.0	8.0	7.6	7.4	7.0	7.0	7.0	7.3	6.8	5.4	6.2	6.8	5.4	6.5	6.0
16	12.0	11.5	10.5	10.0	10.0	10.0	10.5	10.9	11.0	10.0	10.5	11.0	10.5	10.5	10.5
17	13.5	13.5	14.0	13.5	13.5	13.5	13.5	14.2	14.5	14.5	12.5	14.0	13.0	12.4	11.5
18	11.0	11.0	11.5	14.0	13.0	14.0	13.5	12.0	13.0	10.5	7.6	7.8	7.0	7.1	7.0
19	11.0	10.0	10.5	10.0	10.0	10.0	11.0	11.0	8.5	8.0	6.2	6.4	5.4	7.8	8.0
20	8.0	7.8	7.4	7.6	6.8	7.4	7.0	5.6	5.2	5.8	5.4	4.8	6.4	7.7	6.6
21	11.0	8.0	9.0	9.5	10.0	10.0	10.0	11.3	11.0	11.5	11.0	10.0	9.0	12.0	8.5
22	9.5	10.5	10.0	9.0	9.0	9.0	8.5	7.9	6.6	8.0	8.5	10.5	9.0	6.6	5.6
23	10.5	10.5	10.5	10.0	10.0	9.5	9.5	9.6	8.5	8.5	8.5	7.6	7.8	8.4	8.0
24	8.0	8.5	8.5	8.0	8.0	8.0	8.0	8.3	5.4	4.4	3.6	3.8	4.0	4.0	4.4
25	5.8	5.6	6.2	5.6	5.4	5.4	5.0	5.0	4.6	5.4	6.0	6.4	6.8	5.9	6.8
26	10.5	9.5	9.5	9.5	9.5	9.0	9.5	9.2	9.5	9.0	9.0	7.8	7.8	10.6	10.0
27	11.0	11.0	12.5	12.5	12.5	12.0	12.5	14.0	14.0	16.5	14.5	16.0	16.0	16.0	17.0
28	15.0	15.5	16.0	16.0	15.5	16.0	16.5	17.1	16.5	17.0	15.5	16.5	14.5	14.0	11.0
29	13.5	14.5	14.5	11.5	13.0	12.5	12.5	9.3	9.5	9.0	8.0	6.4	8.5	10.6	10.0
30	9.5	9.5	12.5	12.5	13.0	13.5	12.5	13.5	12.0	12.5	11.0	10.5	13.5	14.0	13.0
31	17.0	17.0	17.0	16.5	16.5	16.5	16.5	16.7	16.5	16.0	15.0	16.0	16.5	17.3	16.5
Prom.	10.4	10.1	10.3	10.1	10.1	10.1	10.5	10.7	10.1	9.9	9.3	9.3	9.1	9.7	9.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
51	50	73	74	65	73	73	79	81	91	5	41	13	50	66
59	58	61	67	71	76	83	84	85	85	24	58	17	27	72
39	33	44	48	50	55	60	58	59	95	3,4,5	33	17	62	64
32	32	31	38	44	50	62	64	76	90	5-6	30	16-17	60	52
36	36	40	49	56	63	62	59	63	96	5-6	34	12-13	62	60
37	27	64	61	64	65	71	72	74	74	24	27	17	47	54
50	54	59	63	65	67	72	77	88	93	5-6	30	12-13	63	61
29	30	32	49	63	78	81	86	66	100	5-6	27	15-16	73	61
25	32	38	42	52	51	51	51	53	80	5-6	21	13	59	48
20	26	33	44	50	51	56	52	59	69	5-6	15	15	54	43
16	17	21	31	37	41	49	51	52	75	0-1	12	15	63	37
27	34	40	48	51	50	49	47	46	80	5-6	24	14-15	56	47
15	12	14	18	24	23	25	33	35	62	5-6	12	17	50	32
23	23	24	24	49	54	57	54	57	65	4-5	22	12-15	43	40
9	9	19	21	40	47	50	52	64	64	24	9	16,17	55	35
42	45	50	57	64	65	65	68	69	75	4-5	35	14-15	40	57
19	23	27	42	49	48	44	43	48	86	5-6	19	16	67	51
22	46	58	63	69	69	75	84	94	94	24	21	15	73	57
27	42	48	56	65	65	64	64	59	100	6	18	13-14	82	58
23	25	31	41	49	74	83	88	85	89	23-24	18	12-13	71	46
33	35	39	44	49	51	56	57	54	85	0	30	12-13	55	52
17	48	55	54	56	59	60	67	68	69	23-24	17	15,16	52	45
36	38	46	51	58	69	75	79	82	89	3	32	16-17	57	60
14	12	28	38	46	52	55	47	44	100	4	10	17-18	90	49
17	17	21	37	50	63	67	69	75	75	24	15	14	60	36
25	27	32	42	56	58	52	64	73	76	0-1	16	12-13	60	43
64	70	73	80	82	84	85	86	90	91	5	51	13-14	40	72
18	21	32	53	70	73	70	63	58	95	5	15	15-16	80	62
26	26	30	31	31	33	37	49	52	65	6	14	12-13	51	38
44	44	49	52	60	65	71	81	86	86	24	35	12	51	58
59	63	62	69	83	91	55	43	50	92	8	42	22-23	50	76
31	34	41	48	55	60	62	64	66	83		25		58	53

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.0	13.5	16.0	14.5	12.3	13.0	13.0	12.5	13.5	16.5	15	11.0	6,7	5.5	13.3
13.5	12.5	12.5	12.0	12.3	12.5	13.5	13.5	13.5	15.0	9	12.0	2,4,19	3.0	13.3
11.5	10.0	12.5	12.5	11.8	10.0	9.5	9.0	8.0	15.7	8	8.0	24	7.7	12.3
7.0	6.8	6.4	6.6	6.9	6.6	7.6	7.2	8.5	9.0	5	6.4	18	2.6	7.4
7.8	7.6	7.2	8.5	9.1	9.0	9.0	8.5	8.5	13.3	8	6.6	13	6.7	8.6
10.0	7.2	12.5	10.5	10.2	9.5	10.0	9.5	9.5	12.5	18	7.2	17	5.3	9.5
8.5	9.0	9.0	9.5	9.3	9.5	9.5	10.0	10.5	10.5	24	6.2	11	4.3	8.6
7.6	7.4	8.0	10.5	11.5	12.5	12.5	12.5	10.0	12.5	21-23	7.4	17	5.1	9.4
7.4	10.0	10.5	10.0	11.1	10.5	9.5	8.5	8.5	11.1	20	7.4	13,16	3.7	9.0
6.8	10.0	10.5	11.5	12.1	12.5	13.5	13.0	13.0	13.5	22	5.0	15	8.0	10.0
7.8	7.2	8.0	10.0	9.2	9.0	9.0	8.5	7.8	15.0	1	5.8	13,15	9.2	9.8
9.0	9.5	10.5	11.5	11.4	10.0	9.5	9.5	9.5	11.5	19	7.4	1	4.1	9.1
4.2	3.8	3.6	4.4	5.1	4.2	3.8	4.8	4.4	9.5	7,9	3.6	18	5.9	6.5
6.0	6.0	5.8	4.6	8.7	8.5	9.0	8.0	8.5	9.0	22	4.6	19	4.4	6.2
3.8	3.6	7.0	7.8	9.3	9.5	9.0	9.5	10.5	10.5	24	3.6	17	6.9	7.2
12.0	10.5	11.0	12.0	12.6	12.0	12.0	13.0	13.0	13.0	23,24	10.0	4-6,10	3.0	11.2
7.2	9.0	10.0	13.5	13.5	12.0	12.5	10.5	11.0	14.5	9,10	7.2	16	7.3	12.5
6.6	11.5	12.5	12.0	12.7	11.5	11.0	10.5	11.0	14.0	4,6	6.6	16	7.4	10.8
7.6	10.0	10.0	10.5	11.3	10.5	10.0	9.5	8.5	11.3	20	5.4	13	5.9	9.2
6.6	6.2	8.0	9.0	9.6	13.0	14.0	14.5	13.0	14.5	23	4.8	12	9.7	8.1
9.0	8.5	9.5	10.0	10.9	10.5	10.5	9.0	9.5	12.0	14	8.0	2	4.0	10.0
5.6	11.0	10.0	9.0	8.9	9.5	9.5	10.5	10.5	11.0	17	5.6	15,16	5.4	8.9
8.5	7.6	7.8	8.0	8.2	9.0	9.0	9.0	9.0	10.5	1-3	7.6	12,17	2.9	8.9
3.2	3.2	6.0	7.0	7.2	7.6	7.2	6.6	5.8	8.5	2,3	3.2	16,17	5.3	6.2
6.8	6.8	7.8	10.5	11.6	12.5	12.5	11.5	11.5	12.5	21,22	4.6	9	7.9	7.4
10.0	12.5	13.5	14.0	15.1	14.5	13.0	13.5	13.0	15.1	20	7.8	12,13	7.3	10.8
16.0	15.0	15.0	14.5	14.2	13.5	14.5	15.5	15.0	17.0	15	11.0	1,2	6.0	14.2
8.5	10.0	12.0	15.0	17.3	17.0	15.5	14.5	13.5	17.3	20	10.0	17	7.3	14.8
12.0	11.0	10.5	10.0	8.9	9.0	9.5	11.5	11.5	14.5	2,3	6.4	12	8.1	10.7
12.5	12.0	12.5	13.0	13.5	13.5	15.0	16.5	17.5	17.5	24	9.5	1,2	8.0	12.9
14.5	14.5	14.5	14.5	15.3	15.5	8.5	7.2	7.2	17.0	1-3	7.2	23,24	9.8	15.0
8.8	9.1	10.0	10.5	11.0	10.9	10.7	10.6	10.5	13.1		7.0		6.1	10.1

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 – 1		1 – 2		2 – 3		3 – 4		4 – 5		5 – 6		6 – 7		7 – 8		8 – 9		9 – 10		10 – 11		11 – 12		12 – 13		13 – 14		14
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.
1	N	8	N	10	N	9	NW	9	N	6	N	6	NW	9	NW	6	SW	5	S	5	SE	3	SE	3	E	3	NE	13	NE
2	SE	9	SE	9	E	17	E	14	E	10	E	3	SE	2	SE	6	SE	11	SE	9	E	12	E	13	E	14	E	13	E
3	W	2	S	4	SE	5	SE	5	SE	4	E	7	E	4	W	5	W	12	NW	13	N	9	N	16	N	16	NW	20	W
4	S	17	SE	11	SE	9	SE	5	SE	3	SE	3	SE	4	SE	7	S	12	S	13	S	11	S	10	S	13	S	13	S
5	SE	5	SE	4	SE	4	SE	2	SE	2	Calma	0	N	3	N	10	NE	14	NE	12	NE	16	NE	16	NE	16	N	22	N
6	N	16	N	16	N	15	N	18	N	12	N	8	NW	4	NW	9	NW	13	NW	16	W	13	SW	10	S	9	S	11	S
7	SE	8	SE	5	SE	6	SE	3	SE	4	SE	3	SE	2	SE	5	SE	8	SE	7	SE	6	E	8	E	8	E	9	NE
8	E	4	E	5	E	5	SE	4	E	2	E	3	NE	4	NE	14	NE	16	NE	15	NE	15	NE	16	NE	15	NE	12	NE
9	N	10	N	13	N	14	N	11	N	10	N	9	N	14	N	17	NW	23	NW	18	NW	15	NW	15	N	15	N	15	N
10	N	9	N	8	N	7	N	8	N	8	N	6	N	8	N	9	NW	9	NW	10	N	6	NE	7	NE	8	NE	11	NE
11	NE	5	NE	11	S	5	N	13	NW	13	NW	18	NW	17	NW	18	NW	29	NW	31	W	33	W	17	SW	16	SW	15	SW
12	SE	7	SE	7	SE	6	SE	7	SE	2	SE	2	SE	3	SE	2	NE	7	E	4	E	4	N	5	N	9	NW	11	NW
13	N	17	NW	11	NW	11	NW	12	NW	10	NW	8	NW	11	W	16	SW	16	SW	8	S	14	S	19	S	17	SW	18	S
14	SW	3	SW	2	Calma	0	Calma	0	S	2	S	2	S	7	S	7	S	10	S	9	S	9	S	11	S	12	S	10	S
15	N	15	N	18	N	20	N	22	N	19	N	21	N	20	N	22	NW	32	NW	34	NW	32	NW	30	NW	28	NW	26	NW
16	SE	10	SE	8	SE	7	SE	7	SE	5	SE	6	E	9	E	13	E	13	E	16	E	16	E	15	E	15	E	15	E
17	E	12	NE	15	NE	15	NE	15	NE	11	NE	10	NE	14	NE	15	N	20	N	14	N	15	N	14	N	16	N	20	N
18	S	5	S	3	S	5	S	6	SE	4	Calma	1	S	8	S	8	S	12	S	12	S	11	S	12	S	13	S	11	S
19	E	2	Calma	0	Calma	1	W	2	S	2	Calma	1	Calma	0	S	2	SE	5	SE	8	SE	7	SE	6	S	8	S	10	NE
20	E	13	E	12	NE	9	NE	9	NE	10	NE	12	NE	12	NE	19	NE	17	NE	17	NE	16	NE	17	NE	15	NE	16	NE
21	NE	6	NE	9	NE	13	NE	11	NE	10	NE	11	NE	17	N	22	N	24	N	22	N	17	N	15	N	13	N	14	NE
22	N	14	N	14	N	12	N	10	N	11	NW	10	NW	14	NW	16	W	18	SW	17	SW	14	SW	15	S	14	S	15	S
23	E	8	E	7	S	3	S	7	S	8	S	2	S	6	SE	8	SE	12	SE	11	E	12	E	13	E	9	E	9	E
24	SE	5	Calma	1	S	3	Calma	1	S	2	S	2	S	2	S	5	S	6	S	4	S	3	S	6	SE	8	S	5	S
25	N	13	N	16	N	13	N	15	NW	13	NW	14	NW	12	NW	13	NW	14	W	13	W	10	W	11	SW	12	SW	12	SW
26	NE	4	NE	7	NE	10	N	10	N	12	N	12	N	19	N	21	N	32	N	22	N	18	N	22	N	19	N	21	NE
27	N	5	S	7	S	9	S	10	S	9	S	8	SE	9	SE	11	SE	13	SE	9	E	7	E	9	NE	11	NE	15	E
28	E	11	E	7	E	10	E	10	E	8	E	5	E	8	E	8	E	10	E	7	E	6	E	6	NE	7	NE	8	NE
29	E	9	E	8	E	7	E	13	E	13	N	11	N	10	N	12	W	7	SW	3	W	4	NW	6	W	7	SW	11	SW
30	S	4	S	5	S	9	S	8	SE	8	SE	5	SE	9	SE	9	SE	10	SE	11	SE	9	SE	9	E	12	E	17	E
31	E	6	E	3	E	5	E	3	E	3	E	3	S	2	S	6	S	4	S	4	SE	3	E	7	NE	9	N	2	S
DIRECCIÓN PREVALENTE	N		N-SE		N		N		SE		N		N-SE NW		N-SE		SE-NW		SE-S NW		E		E		NE-S		S		NE
NUMERO DE HORAS	9		7		7		8		8		7		6		7		6		6		6		7		7		7		9
PROM. HOR. DE LA VELOCIDAD		8		8		8		9		8		7		8		11		14		13		12		12		12		14	

–16	16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
18	E	17	E	16	E	14	E	15	E	11	E	10	SE	8	SE	8	E	7	9	38	NW	15.55
12	E	10	E	12	E	10	E	10	SE	7	SE	5	SE	4	E	8	E	15	10	21	E	2.40
19	NW	11	W	10	SW	7	SW	8	S	11	S	19	S	18	S	20	W S	5	11	31	W	15.02
12	S	13	S	10	S	8	S	7	SE	4	SE	2	SE	5	SE	4	S	13	9	23	SE	16.16
25	N	20	N	20	N	15	N	10	NE	7	N	9	N	12	N	13	N	12	12	30	N	14.33
10	S	14	SE	17	SE	14	SE	13	SE	8	SE	6	SE	7	SE	9	SE	7	12	25	SE	17.22
13	E	12	E	8	E	7	E	7	E	5	E	4	NE	5	NE	2	SE	11	6	13	E	15.52
12	N	15	N	13	NE	8	NE	5	NE	5	NE	7	NE	6	N	12	NE	15	9	20	NE	11.06
14	N	15	NE	14	NE	11	N	11	N	10	N	9	N	8	N	7	N	17	13	21	N	6.59
12	NE	13	NE	12	NE	5	NE	6	NE	7	E	4	NE	9	S	6	NE	11	8	19	NE	14.39
16	SW	13	S	13	S	10	S	18	S	17	S	13	SE	12	SE	12	S NW	6	16	42	NW	9.32
17	N	20	N	19	N	15	N	15	N	16	N	13	N	16	N	20	N	10	10	25	N	15.08
18	S	18	S	11	S	10	S	12	S	13	S	13	S	13	S		S	13	14	35	S	14.50
8	S	5	SW	3	NE	9	NE	9	N	9	N	10	N	14	N	12	S	12	7	20	S	13.14
18	NW	17	NW	16	NW	20	S	14	SE	16	SE	15	SE	14	SE	15	NW	11	21	44	NW	10.47
13	E	14	E	14	E	13	E	12	E	10	E	13	E	11	E	13	E	18	12	24	E	9.58
19	N	19	N	13	N	11	NE	12	N	18	NW	16	SW	14	SW	9	N	12	15	29	NE	14.48
12	S	9	E	15	E	12	E	9	E	7	E	2	E	2	Calma	0	S	15	8	20	S	12.27
16	NE	17	E	16	E	20	E	15	E	15	E	11	E	12	E	13	E	8	8	26	E	19.40
15	NE	14	NE	9	E	6	E	7	E	7	E	8	E	7	E	8	NE	16	12	21	NE	12.10
14	NE	14	NE	12	NE	10	NE	10	NE	9	NE	7	NE	9	N	12	NE	16	13	26	N	7.01
11	E	16	E	16	E	17	E	15	E	12	E	11	E	12	E	12	E	8	14	30	SW	10.26
2	SE	9	SE	12	SE	12	E	6	E	7	SE	6	SE	3	S	3	E	9	8	22	SE	17.12
5	W	4	NW	9	NE	13	NE	9	N	7	N	9	N	10	N	12	S	11	6	15	NE	17.56
6	S	4	S	3	E	5	NE	5	NE	4	NE	5	NE	3	NE	5	NW	5	10	21	NW	8.04
13	NE	15	NE	12	NE	8	NE	4	N	6	N	5	NW	3	Calma	1	NE	9	13	32	N	8.02
19	E	17	E	17	E	16	SE	12	SE	14	SE	11	E	11	E	10	E	9	11	24	E	17.22
9	NE	10	E	7	E	9	E	11	E	12	E	12	E	8	E	8	E	19	8	16	E	2.33
13	S	11	S	10	S	13	S	14	S	10	S	9	SE	8	SE	6	S	6	10	22	S	19.34
17	NE	14	E	10	E	7	E	6	E	7	E	5	NE	4	E	6	E	9	9	18	NE	12,54
8	SE	8	SE	7	SE	4	Calma	1	Calma	1	S	4	S	16	S	11	S	7	5	25	SE	23.08
	NE-S		E		E		E		E		E		SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																	Dirección	Horas		48 Km.		
	7		10		12		11		10		10		8		8		E	150	11	DIRECCIÓN	DÍA	HORA
14		13		12		11		10		9		9		9		9				NW	15	de 9.55 a 10.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	5	39	3	44	7	86	4	22	1	5	1	5			3	24		225
2					15	168	9	62										230
3	3	41			2	11	3	14	5	72	2	15	5	47	4	63		263
4							11	57	13	150								207
5	12	180	6	81			5	17									1	278
6	6	85					7	74	5	56	1	10	1	13	4	42		280
7			3	17	10	81	11	57										155
8	3	40	15	163	5	19	1	4										226
9	17	200	3	40											4	71		311
10	9	69	11	103	1	4			1	6					2	19		201
11	1	13	2	16			2	24	6	76	5	76	2	50	6	126		381
12	10	148	1	7	2	8	8	36							3	40		239
13	1	17							13	190	3	42	1	16	6	63		328
14	4	45	2	18			3	13	12	92	1	3					2	171
15	8	157					4	60	1	14					11	274		505
16					18	239	6	43										282
17	12	200	8	107	1	12					2	23			1	16		358
18					6	47	1	4	15	139							2	191
19			3	48	8	104	4	26	4	22			1	2			4	204
20			16	219	8	68												287
21	8	139	16	178														317
22	5	61			8	111	1	11	3	39	3	46	1	18	3	40		326
23					9	78	8	73	6	29					1	2		182
24	4	38	2	22			2	13	11	44			1	4	2	14	2	137
25	4	57	5	22	1	5			3	13	3	32	3	34	5	66		229
26	13	219	9	93											1	3	1	316
27	1	5	2	26	9	120	7	79	5	43								273
28			5	42	19	163												205
29	3	33			5	50	2	14	6	67	4	43	3	18	1	6		231
30			3	35	9	84	8	70	4	26								215
31	1	2	1	9	8	33	5	30	7	47							2	123
SUMAS	130	1788	116	1290	151	1491	112	803	121	1130	25	295	18	202	57	869	14	7876
% PREVAL POR VELOCIDAD	22.7		16.4		18.9		10.2		14.3		3.7		2.6		11.0		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		11		10		7		9		12		11		15		0	253

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	9	3	8	7	3	0	1	0	0
1 - 2	7	4	6	7	4	0	0	1	2
2 - 3	7	4	5	6	6	0	0	1	2
3 - 4	8	3	4	7	4	0	1	2	2
4 - 5	7	3	5	8	5	0	0	3	0
5 - 6	7	3	5	5	4	0	0	4	3
6 - 7	6	4	3	6	5	0	0	6	1
7 - 8	7	3	2	7	5	0	2	5	0
8 - 9	3	4	2	6	5	2	3	6	0
9 - 10	3	3	3	6	6	3	1	6	0
10 - 11	5	3	6	5	5	1	4	2	0
11 - 12	5	4	7	3	5	2	2	3	0
12 - 13	6	7	6	1	7	2	1	1	0
13 - 14	6	6	5	0	7	4	0	3	0
14 - 15	3	9	5	0	8	3	1	2	0
15 - 16	3	9	4	3	5	2	0	5	0
16 - 17	5	7	6	2	7	1	1	2	0
17 - 18	4	5	10	3	5	1	1	2	0
18 - 19	3	7	12	3	4	1	0	1	0
19 - 20	3	8	11	2	5	1	0	0	1
20 - 21	6	5	10	5	4	0	0	0	1
21 - 22	6	3	10	6	5	0	0	1	0
22 - 23	5	6	7	8	3	1	0	1	0
23 - 24	7	2	8	6	5	1	0	0	2
SUMAS	131	115	150	112	122	25	18	57	14
% de frec. por dirección	17.6	15.4	20.2	15.0	16.4	3.4	2.4	7.7	1.9

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Claro	0	Claro	0	Cb	3	Sc	2	99	99	98
2	Sc	7	Cu	2	Claro	0	Claro	0	Ac 4 Ci 2	6	7	8	7
3	As	8	Sc 4 Ac 2	6	Cu 2 Ac 1 Ci 2	5	Cs	7	Ci	4	7	8	8
4	Ci	5	Ci	1	Ci	7	Cu	3	Ci	4	9	8	8
5	Cu 3 Ac 2	5	Ac	6	Cu 4 Ci 1	5	Claro	0	Claro	0	8	8	8
6	Sc	6	Claro	0	Cu 1 Ac 2	3	Cu	1	Ci	1	8	8	8
7	Ci	8	Cs	8	As	8	As	8	As	8	7	7	7
8	Claro	0	Claro	0	Claro	0	Claro	0	Ci	1	9	9	8
9	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	7
10	Claro	0	Claro	0	Claro	0	Claro	0	Cs	8	7	9	8
11	Cs	7	Cs	8	Cs	3	Claro	0	Claro	0	8	8	8
12	Claro	0	Claro	0	Claro	0	Claro	0	Ci	2	7	8	8
13	Claro	0	Claro	0	Ci	2	Ci	3	Ci	1	9	8	8
14	Claro	0	Claro	0	Ci	5	Claro	0	Claro	0	9	9	9
15	Claro	0	Claro	0	Claro	0	Claro	0	Sc	2	7	7	6
16	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	7	7
17	Claro	0	Claro	0	Claro	0	Ci	3	Ci	2	7	6	6
18	Ci	2	Ac	1	Ci	1	Claro	0	Claro	0	9	9	9
19	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	7	8
20	Claro	0	Claro	0	Claro	0	Ci	2	Ci	1	8	7	8
21	Ci	6	Ci	7	Ci	8	Ci	8	Ci	2	8	6	7
22	Claro	0	Claro	0	Claro	0	Cu	1	Claro	0	7	6	7
23	Ac 1 Ci 6	7	Cu 1 Ac 5	6	Cu	5	Cu	4	Cu	1	7	8	8
24	Ci	2	Ci	6	Ci	1	Claro	0	Claro	0	9	8	9
25	Claro	0	Claro	0	Claro	0	Ci	1	Ci	1	7	8	8
26	Claro	0	Claro	0	Cs	8	Cs	8	Cs	6	7	5	5
27	Claro	0	Claro	0	Ci	2	Claro	0	Claro	0	6	6	7
28	Ci	6	Claro	0	Cu	1	Claro	0	Ci	2	7	7	7
29	Ac	1	Claro	0	Cu	1	Sc	7	Sc	7	6	7	7
30	Ac	3	Ci	1	Cs	8	Ac 2 Ci 3	5	Ac	3	7	7	8
31	Ns	8	St	8	Sc	8	St 5 Ac 2	7	Co	1	4	6	8
Prom.		3		2		3		2		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	51.1	31.6	1.58	0	5	5	
	10	52.6	32.7	1.62	0	5	5	
	12	51.5	35.5	1.30	0	5	5	
	14	55.0	36.0	1.54	0	5	5	
	15	52.3	35.1	1.40	0	5	5	
2	9	36.7	24.7	0.98	7	0	3	B.
	10	48.5	28.7	1.61	7	2	3	B.
	12	50.6	30.3	1.65	1	5	5	B.
	14	50.0	30.7	1.57	0	5	5	B.
	15	49.3	30.4	1.54	0	5	5	B.
3	9				8	0	4	LL.
	10				8	0	4	LL.
	12	46.1	31.5	1.19	6	0	5	
	14	55.1	36.0	1.55	5	4	5	
	15	52.0	35.2	1.36	7	2	5	
4	9	47.0	25.1	1.78	3	5	5	
	10	48.3	36.0	1.00	1	5	5	
	12	50.4	28.5	1.78	1	5	5	
	14	49.1	29.1	1.63	7	4	5	
	15	49.1	29.3	1.61	5	5	5	
5	9	39.9	23.5	1.33	7	1	5	
	10	42.7	24.1	1.51	7	1	5	
	12	49.5	27.7	1.77	5	3	5	
	14	52.4	29.5	1.86	5	3	5	
	15	48.4	28.3	1.63	3	5	5	
6	9	47.4	28.0	1.58	0	5	5	
	10	51.2	31.0	1.64	1	5	5	
	12	53.6	33.0	1.67	1	5	5	
	14	53.0	33.6	1.58	3	5	5	
	15	53.6	33.4	1.64	3	5	5	
7	9	42.0	23.6	1.50	8	4	5	
	10	43.7	25.0	1.52	8	4	5	
	12	47.9	26.0	1.62	8	4	5	
	14	38.5	25.0	1.10	8	0	5	
	15	34.5	23.5	0.88	8	0	5	
8	9	47.5	27.5	1.63	0	5	5	
	10	50.0	29.2	1.69	0	5	5	
	12	52.4	31.5	1.70	0	5	5	
	14	53.0	32.8	1.64	0	5	5	De.
	15	52.3	32.5	1.58	0	5	5	De.
9	9	51.0	30.3	1.68	0	5	5	
	10	53.1	32.0	1.72	0	5	5	
	12	55.9	35.1	1.69	0	5	5	
	14	55.2	36.1	1.55	0	5	4	B.
	15	52.0	36.0	1.30	0	5	5	
10	9	53.5	33.9	1.59	0	5	5	
	10	56.5	36.5	1.63	0	5	5	
	12	59.0	39.0	1.63	0	5	5	
	14	57.6	39.2	1.50	0	5	5	
	15	55.2	38.6	1.35	0	5	5	
11	9	51.0	35.5	1.26	8	4	5	
	10	56.5	38.8	1.44	8	4	5	
	12	60.6	41.3	1.57	8	4	5	
	14	60.5	41.5	1.54	3	5	5	
	15	59.5	41.0	1.50	2	5	5	
12	9	50.0	29.3	1.68	0	5	5	
	10	52.0	31.1	1.70	0	5	5	
	12	54.9	34.4	1.67	0	5	5	
	14	55.6	35.5	1.63	0	5	5	B.
	15	54.3	35.4	1.54	0	5	5	
13	9	52.0	31.9	1.63	0	5	5	
	10	56.4	36.0	1.66	0	5	4	
	12	56.2	46.4	1.61	0	5	5	
	14	55.0	36.0	1.54	0	5	5	
	15	54.6	35.9	1.52	0	5	5	
14	9	46.2	25.8	1.66	0	5	5	
	10	51.4	28.5	1.86	0	5	5	
	12	53.0	31.7	1.73	0	5	5	
	14	52.4	32.7	1.60	0	5	5	
	15	52.1	32.7	1.58	0	5	5	
15	9	51.0	31.2	1.61	0	5	5	
	10	55.4	35.5	1.62	0	5	5	B.
	12	58.9	39.2	1.60	0	5	5	B.
	14	60.6	42.4	1.48	0	5	5	B.
	15	57.7	41.6	1.31	0	5	5	
16	9	47.2	29.4	1.45	0	5	4	B.
	10	50.2	30.5	1.60	0	5	4	B.
	12	52.9	32.9	1.63	0	5	4	B.
	14	52.5	33.6	1.54	0	5	4	B.
	15	50.7	33.0	1.44	0	5	4	B.
17	9	52.5	32.5	1.63	0	5	5	
	10	54.8	34.9	1.62	1	5	4	B.
	12	59.8	39.8	1.63	0	5	5	
	14	59.2	40.5	1.52	0	5	4	B.
	15	54.4	39.4	1.22	0	5	3	B.
18	9	50.6	30.0	1.67	1	5	5	
	10	52.9	31.8	1.72	1	5	5	
	12	55.2	34.4	1.69	1	5	5	
	14	55.6	35.1	1.67	1	5	5	
	15	53.6	34.4	1.56	1	5	5	
19	9	49.7	29.2	1.67	0	5	5	
	10	53.0	31.9	1.72	0	5	5	
	12	56.1	35.1	1.71	0	5	5	
	14	54.2	34.8	1.58	0	5	5	
	15	52.2	33.2	1.54	1	5	5	
20	9	47.2	27.4	1.61	2	5	5	
	10	50.2	29.4	1.69	0	5	5	
	12	54.4	33.4	1.71	3	5	5	
	14	53.6	33.8	1.61	0	5	4	B.
	15	52.0	33.5	1.50	0	5	5	
21	9	50.7	29.7	1.71	6	4	5	
	10	53.9	31.3	1.84	6	4	5	
	12	39.0	29.5	0.77	8	0	4	
	14	44.4	32.0	1.01	8	1	4	
	15	50.0	34.0	1.30	4	2	4	
22	9	54.3	34.6	1.60	1	5	4	
	10	55.7	35.2	1.67	1	5	4	
	12	57.0	36.7	1.65	0	5	4	
	14	56.5	36.5	1.63	0	5	5	
	15	53.5	35.2	1.49	1	5	5	
23	9	41.7	24.9	1.36	7	0	5	
	10	43.4	26.5	1.37	6	1	5	
	12	50.9	29.5	1.74	2	5	5	
	14	33.0	24.9	0.66	5	3	5	
	15	37.0	26.4	0.86	5	3	5	
24	9	49.0	26.5	1.83	3	5	5	
	10	49.1	28.0	1.72	8	2	5	
	12	52.0	29.7	1.81	3	5	5	
	14	52.8	31.3	1.75	1	5	5	
	15	51.4	31.1	1.65	0	5	5	
25	9	51.2	32.0	1.56	0	5	4	B.
	10	55.0	34.7	1.65	0	5	4	B.
	12	58.1	38.1	1.63	0	5	4	B.
	14	58.5	39.3	1.56	0	5	4	B.
	15	57.5	38.5	1.54	0	5	5	
26	9	51.9	33.2	1.52	0	5	4	B.
	10	55.0	36.0	1.54	0	5	4	B.
	12	60.1	41.0	1.55	0	5	3	B.
	14	55.3	40.1	1.24	8	2	3	B.
	15	55.4	40.0	1.25	8	2	3	B.
27	9	46.5	28.0	1.50	0	5	3	B.
	10	50.1	30.9	1.56	0	5	3	B.
	12	52.7	34.4	1.49	0	5	3	B.
	14	53.0	34.7	1.49	2	4	3	B.
	15	51.8	33.4	1.50	4	4	3	B.
28	9	49.7	31.7	1.46	6	4	4	B.
	10	53.4	33.8	1.59	4	4	4	B.
	12	60.7	41.2	1.58	0	5	5	
	14	61.4	42.6	1.53	1	5	4	B.
	15	60.6	42.9	1.44	2	5	5	
29	9	54.1	36.4	1.44	0	5	4	B.
	10	58.9	38.9	1.63	0	5	4	B.
	12	62.3	42.8	1.58	0	5	4	B.
	14	61.4	42.8	1.51	1	5	4	B.
	15	57.3	40.7	1.35	2	3	4	B.
30	9	48.7	29.9	1.53	2	5	4	B.
	10	49.1	31.6	1.42	4	4	4	B.
	12	50.6	34.9	1.28	7	2	4	
	14	53.2	35.0	1.48	8	4	4	
	15	48.4	33.2	1.24	8	4	4	
31	9	30.0	23.1	0.56	8	0	4	
	10	32.1	23.[illegible]	0.72	8	0	4	
	12	36.5	26.[illegible]	0.78	8	0	4	
	14	31.0	26.9	0.33	8	0	4	
	15				8	0	4	Am.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H. EFECTIVA	H. TEÓR. ASTRON.	H. RELATIVA
1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		12.2	14.3	85
2	0.2	0.4	0.9	0.9	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.6	14.3	74
3						0.3	0.9	1.0	1.0	0.5	0.3	0.7	0.4	0.2	5.3	14.2	37
4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	13.2	14.2	93
5	0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.5	12.7	14.2	89
6		0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.2	14.2	79
7	0.2	0.6	0.8	0.9	1.0	1.0	1.0	0.1				0.3			5.9	14.2	42
8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.1	14.2	92
9	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.2	14.2	93
10	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		12.3	14.2	87
11	0.6	0.9	0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.6	14.1	89
12	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.1	14.1	86
13		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.1	14.1	86
14	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.1	14.1	93
15	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.9	14.1	84
16		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.0	14.0	86
17		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.8	14.0	77
18		0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.2	14.0	80
19	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.9	14.0	92
20	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.8	14.0	91
21	0.3	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.8	1.0	0.5				8.9	13.9	64
22	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	12.0	13.9	86
23		0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0.9	0.3	11.4	13.9	82
24	0.1	0.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.7	13.9	84
25	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.5	13.8	91
26		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.9	13.8	86
27		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.3	13.8	82
28		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.3	13.8	75
29	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			10.5	13.7	77
30		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	1.0	0.2	10.9	13.7	80
31								0.1		0.1	0.8	0.4	1.0	0.6	3.0	13.7	22
Medias	0.2	0.7	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.3	11.1	14.0	80

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	22.2	29.8	26.2	21.4	26.6	24.5	21.0	22.2	23.5	21.7	21.8	22.6	23.8	23.9	24.0
2	23.4	28.8	26.0	22.8	26.4	25.6	22.1	22.5	23.6	22.6	22.6	23.0	24.5	24.5	24.5
3	22.9	26.4	25.9	22.7	24.6	25.0	22.3	22.4	23.1	22.9	22.6	22.8	24.8	24.8	24.7
4	21.4	27.5	24.6	21.3	25.3	24.3	21.6	22.0	22.8	22.5	22.5	22.6	24.7	24.6	24.5
5	20.9	26.4	24.2	20.7	24.2	23.7	21.1	21.5	22.2	22.2	21.9	22.2	24.5	24.4	24.3
6	21.0	28.2	25.6	21.0	25.4	24.9	20.9	21.8	22.8	21.8	21.9	22.4	24.3	24.3	24.2
7	21.1	25.8	23.9	21.1	23.7	23.3	21.3	21.6	22.0	22.2	22.0	22.2	24.5	24.4	24.3
8	20.4	27.5	25.2	20.4	24.7	24.4	20.6	21.3	22.4	21.7	21.6	22.0	24.2	24.1	24.0
9	21.4	28.6	25.6	21.2	25.8	24.9	21.2	22.1	23.2	22.0	22.0	22.6	24.2	24.3	24.3
10	22.8	30.2	27.0	22.2	27.1	26.1	22.0	23.0	24.1	22.6	22.7	23.3	24.6	24.8	24.8
11	24.4	30.2	28.0	24.0	27.6	26.9	23.3	23.9	24.7	23.6	23.6	24.0	25.3	25.4	25.4
12	22.8	30.0	27.5	22.7	27.2	26.6	23.0	23.6	24.6	23.8	23.5	24.0	25.7	25.6	25.6
13	23.7	30.2	25.1	23.3	27.5	26.4	23.2	23.8	24.6	23.9	23.7	24.1	25.8	25.8	25.7
14	21.6	29.0	25.8	21.9	26.3	25.3	22.5	23.1	24.0	23.6	23.4	23.8	25.8	25.6	25.6
15	22.4	29.3	27.5	22.3	26.5	26.3	22.5	23.2	24.4	23.4	23.3	23.9	25.7	25.6	25.6
16	23.6	29.6	27.0	23.1	27.0	26.3	23.0	23.6	24.4	23.7	23.6	24.0	25.9	25.8	25.8
17	24.1	31.1	28.9	23.7	28.0	27.5	23.3	24.2	25.3	24.0	23.9	24.6	26.0	26.0	26.1
18	25.3	31.0	27.2	24.7	28.4	26.8	24.3	24.8	25.6	24.8	24.7	25.3	26.6	26.6	26.7
19	23.0	30.2	27.2	23.1	27.7	26.7	23.5	24.2	25.1	24.6	24.3	24.8	26.7	26.5	26.5
20	22.6	29.2	27.2	22.2	26.6	26.3	23.2	23.6	24.6	24.3	24.0	24.4	26.6	26.4	26.3
21	23.2	28.6	26.2	23.1	26.2	25.6	23.2	23.7	24.4	24.2	23.9	24.3	26.4	26.3	26.2
22	24.0	30.4	26.2	23.4	27.6	26.2	23.2	24.0	25.0	24.0	24.0	24.6	26.3	26.2	26.3
23	22.8	28.4	25.9	23.0	26.2	25.6	23.2	22.5	24.3	24.2	23.9	24.2	26.5	26.3	26.2
24	21.4	27.9	25.2	21.7	25.8	24.9	22.4	22.8	24.0	23.6	23.3	24.0	26.2	26.0	25.9
25	22.0	29.8	27.3	22.0	26.9	26.4	22.2	23.1	24.5	23.4	23.3	24.1	26.0	25.9	25.9
26	23.8	29.8	28.2	23.7	27.0	27.1	23.3	23.9	25.0	24.2	24.0	24.6	26.2	26.2	26.3
27	24.1	30.4	27.2	24.1	27.8	26.8	23.9	24.5	25.4	24.6	24.4	25.1	26.6	26.6	26.6
28	24.8	32.0	29.4	24.5	29.1	28.4	24.0	25.1	26.3	24.8	24.9	24.5	26.8	26.9	26.9
29	26.2	33.0	29.6	25.7	29.8	28.8	25.1	26.0	27.0	25.6	25.6	26.3	27.4	27.4	27.6
30	26.0	31.8	29.2	25.9	29.0	28.5	25.5	25.9	26.7	26.1	25.9	26.2	27.8	27.8	27.8
31	26.2	27.8	26.9	25.9	26.4	26.4	25.3	25.0	25.1	25.9	25.4	25.3	27.9	27.7	27.5
Prom.	23.1	29.3	26.7	22.9	26.7	26.0	22.8	23.4	24.3	23.6	23.5	23.9	25.8	25.7	25.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	1.2	1.8	1.7	4.7							9270
2					0	1.2	1.0	1.4	3.0	LL.9	6.7	7.7	14.6			9277
3					1	0.6	1.6	2.4	5.8							9279
4	1.0	1.5	0.5	0.5	0	1.8	2.1	2.2	5.2							9283
5					0	0.9	1.7	2.1	5.8							9288
6					0	2.0	2.4	2.1	5.7							9299
7					0	1.2	1.8	1.2	3.7	LL.10	5.5	7.4	13.9	17.4	15.5	9296
8					0	0.7	2.6	2.8	7.0							9300
9					0	1.6	3.8	3.1	8.8							9306
10					0	1.9	3.3	3.2	9.5							9311
11					0	3.0	4.8	5.4	11.1							9316
12					0	0.9	2.4	2.9	8.9	-	-	-	-			9323
13					0	3.6	3.7	4.0	10.0							9327
14					0	2.3	2.8	2.4	8.2							9335
15					0	3.0	5.3	5.5	13.0							9341
16					0	2.2	2.5	2.2	6.4							9345
17					0	1.7	2.9	3.9	9.4	LL.12	4.3	4.2	9.0			9353
18	0.0	0.0	0.0	0.0	0	2.6	2.7	2.4	5.6							9358
19					0	0.5	2.9	1.5	6.5							9365
20					0	2.1	3.2	2.7	7.4							9371
21					0	1.5	2.7	2.5	8.0							9375
22					0	2.8	3.9	2.6	7.8	LL.13	7.1	8.8	12.5			9383
23					0	1.3	1.9	1.8	4.4							9389
24					0	0.7	2.4	2.7	8.2							9394
25					0	3.1	3.8	3.2	9.2							9399
26					0	2.2	4.5	3.5	9.6							9406
27					0	1.6	1.7	1.4	3.9	LL.14	6.4	8.0	14.7			9401
28					0	0.8	2.4	3.0	8.0							9413
29					0	2.6	4.0	4.3	10.9							9422
30					0	2.6	2.4	2.2	5.4							9429
31	4.0	4.2	4.6	4.6	2	0.8	3.1	1.0	5.4							9435
Prom.	5.0	5.7	5.1	5.1	-	1.8	2.8	2.7	7.3	-	-	-	-	-	-	9348

0.50 m. 3^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
23.3	23.5	23.3	22.3	22.4	22.4	20.4	18.5	12.5	Ca. m. t. y n.
23.8	24.0	24.0	22.4	22.4	22.4	20.4	18.5	16.4	Cn. m. y n., Ca. t., B. t.
24.2	24.4	24.3	22.5	22.5	22.6	20.4	18.5	15.0	Cn. m. t. y n., LL. m.
24.1	24.2	24.0	22.6	22.6	22.7	20.4	18.6	6.5	Cn. m. y t., Ca. n.
24.1	24.0	23.9	22.6	22.6	22.7	20.4	18.5	5.1	Cn. m. y t., Ca. n.
24.0	24.0	23.9	22.6	22.7	22.7	20.5	18.6	11.9	Cn. m., Ca. t. y n., B. t.
24.1	24.0	24.0	22.5	22.6	22.6	20.5	18.7	8.0	Cn. m. t. y n., r. m., B. t., Ds. t.
24.0	24.0	23.6	22.6	22.6	22.6	20.5	18.8	7.6	Ca. m. t. y n., B. t.
23.9	24.0	24.0	22.6	22.7	22.6	20.6	18.7	9.4	Ca. m. t. y n., B. t. y n.
24.2	24.3	24.2	22.6	22.6	22.6	20.6	18.9	12.4	Ca. m. y t., Cn. n.
24.7	24.9	24.7	22.7	22.8	22.8	20.5	18.8	17.5	Cn. m., Ca. t. y n., B. t.
25.1	25.3	25.0	22.8	22.9	22.9	20.5	18.8	8.1	Ca. m. t. y n., B. m. y t.
25.3	25.4	25.3	23.0	23.0	23.1	20.7	18.8	11.8	Ca. m. t. y n., B. t.
25.4	25.4	25.4	23.0	23.1	23.1	20.7	18.9	6.5	Ca. m. y n., Cn. t.
25.4	25.4	25.2	23.0	23.2	23.2	20.7	18.9	-	Ca. m. t. y n., B. m. y t.
25.4	25.4	25.3	23.2	23.3	23.3	20.8	19.0	11.8	Ca. m. t. y n., B. m. t. y n.
25.6	25.6	25.5	23.3	23.4	23.4	20.8	19.0	16.1	Ca. m. t. y n., B. t. y n.
25.9	26.0	26.0	23.4	23.5	23.5	21.0	19.1	17.1	Ca. m. t. y n.
26.2	26.2	25.9	23.5	23.6	23.6	21.0	19.1	7.6	Ca. m. t. y n., B. m. t. y n.
26.2	26.1	25.8	23.5	23.6	23.7	21.0	19.2	10.5	Ca. m. t. y n., B. t. y n.
26.0	26.0	25.8	23.7	23.8	23.6	21.0	19.0	11.5	Cn. m. y t., Ca. n., B. t.
25.9	25.9	25.6	23.7	23.7	23.6	21.0	19.0	14.9	Ca. m. t. y n., B. t.
26.0	25.9	25.6	23.7	23.8	23.7	21.1	19.2	10.0	Cn. m. y t., Ca. n., B. t.
25.9	25.5	25.5	23.7	23.8	23.7	21.2	19.2	4.9	Cn. m., Ca. t. y n.
25.6	25.7	25.4	23.8	23.8	23.8	21.2	19.2	8.9	Ca. m. t. y n., B. m. t. y n.
25.7	25.8	25.7	23.7	23.8	23.8	21.2	19.2	13.3	Ca. m., Cn. t. y n., B. m. t. y n.
26.0	26.2	26.0	23.8	23.9	23.9	21.2	19.2	15.5	Ca. m. t. y n., B. m. t. y n.
26.3	26.4	26.3	24.0	24.0	24.0	21.4	19.4	17.1	Cn. m., Ca. t. y n., B. m. t. y n.
26.6	26.8	26.7	24.1	24.1	24.1	21.4	19.5	18.1	Ca. m., Cn. t. y n., B. m. t. y n.
27.0	27.1	26.9	24.1	24.2	24.2	21.4	19.3	17.9	Ca. m. y n., Cn. t., B. t.
27.1	27.0	26.9	24.6	24.4	24.4	21.5	19.5	17.6	Cn. m. y t., Ca. n., LL. m. y t.
25.3	25.3	25.2	23.2	23.3	23.3	20.8	19.0	12.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.8	63.5	8	6,7,9	47.4	3	16-17	21.0	27.9	13.8	34.4	10	13	9.3	5	5	11.0	14.2	77
2ª	54.8	61.4	20	8	48.4	13	4	23.7	31.7	15.1	37.6	15	16	9.1	14	5	12.2	14.0	86
3ª	54.0	58.3	24	8,9	49.3	22	4	23.8	31.5	16.9	38.1	29	12	9.1	24	6	10.4	13.8	75
MES	55.2	63.5	8	6,7,9	47.4	3	16-17	22.9	30.4	15.3	38.1	29	12	9.1	14, 24	5,6	11.1	14.0	80

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	58	100	8	15	10	10.1	16.5	5.0	N	12	36	5,9	25	5	15-16	38	NW	1	15.55	1.5	1.5	4	-	-	-
2ª	46	100	19	9	15	9.1	15.0	3.6	S	10	48	15	34	15	9-10	44	NW	15	10.47	-	-	-	-	-	-
3ª	54	100	24	10	24	10.9	17.5	3.2	E	10	36	21, 26	24	21	8-9	32	N	26	8.02	4.2	4.2	31	4.0	31	8-9
MES	53	100	8,19,24	9	15	10.1	17.5	3.2	E	10	48	15	34	15	9-10	44	NW	15	10.47	5.7	4.2	31	4.0	31	8-9

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	5	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
2ª	3	8	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
3ª	1	9	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
MES	9	22	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	-	-	-	-	-	1	-	-	-	-	-	7	3	-	7	-
2ª	1	-	-	-	-	-	-	-	-	-	-	10	-	-	10	3
3ª	-	-	-	-	-	-	-	-	-	-	-	7	4	-	10	2
MES	1	-	-	-	-	1	-	-	-	-	-	24	7	-	27	5

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V FEBRERO 1950 N.° 2

RESUMEN MENSUAL

En los primeros días del mes el Observatorio se encuentra dentro de aire polar y fresco. La columna térmica acusa hasta 4.0°C por debajo de la normal; el 6 se registran los valores mínimos mensuales de la humedad relativa con 14% y de la tensión del vapor con 4.8 mm. El cambio de la corriente general hacia el N aumenta luego la temperatura, y hacia el fin de la década también la nubosidad.

Al iniciarse la segunda década empeora el tiempo; un avance desde el S de aire fresco que atraviesa lentamente la región del Río de la Plata, desencadena el 12, único día completamente cubierto del mes, lluvias intensas (25 mm). Previo al pasaje de este frente la presión desciende a su valor mínimo mensual con 749.4 mm. En el aire polar que sigue a continuación se restablece el buen tiempo el 13, manteniéndose así hasta el 16, día en que un empuje de aire tropical aumenta considerablemente la temperatura, humedad y nubosidad; el 17 se registran 34.9°C, máxima del mes. Esta masa de aire es reemplazada el 18 por una más fresca, produciéndose al mismo tiempo lluvias moderadas. El 19 y el 20 sigue afluyendo aire de origen polar; baja en consecuencia la temperatura, anotándose el 20 la mínima mensual con 6.9°C; la presión a su vez alcanza su valor máximo con 765.5 mm.

El 21 el viento sopla del sector N; la temperatura media diaria aumenta 10.0°C en cuatro días. En el límite meridional de una masa de aire tropical, el cielo se presenta nublado desde la tarde del 24 hasta el 26 cayendo lluvias durante el 25 y 26. En este ambiente de aire cálido y húmedo la tensión marca el 26 el valor máximo mensual con 19.5 mm. El 27 restablécese el buen tiempo.

Como en el mes anterior la lluvia caída es inferior en unos 30 mm al importe normal en esta temporada del año. Todos los otros elementos presentan valores de acuerdo al límite normal de la variación de los promedios mensuales.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	73	93	102	105	116	148	169	227	230	317	297	259	180	58	44
2	90	64	102	105	125	111	160	172	180	279	128	151	111	163	180
3	76	52	47	29	44	79	114	122	76	58	-15	- 6	- 9	- 3	-20
4	-	-	64	105	102	70	79	114	99	140	114	116	108	125	96
5	70	82	90	76	76	79	87	82	47	55	44	52	47	50	61
6	52	64	64	73	64	41	64	70	23	12	47	73	76	70	-36
7	79	79	64	67	58	61	79	87	70	99	108	125	131	99	82
8	-	-	-	-	-	-	-	-	41	64	44	38	50	-	-
9	20	- 9	27	33	38	32	- 9	-90	-102	-227	-250	-328	-222	-216	-156
10	44	47	44	47	50	55	47	38	-48	-38	47	52	52	47	3
11	47	67	70	64	-54	± ±	± ±	± ±	-	47	32	26	29	35	29
12	-	-	-	-	-	29	- 6	-12	52	84	64	47	18	20	39
13	26	32	32	32	38	41	64	96	73	73	79	67	52	70	50
14	44	50	58	61	58	52	61	61	38	47	41	44	52	67	58
15	41	44	35	29	35	38	35	35	18	32	47	50	52	52	79
16	18	20	35	35	35	29	35	32	29	38	29	38	38	35	70
17	50	47	32	35	32	35	44	41	41	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	82	79	82	82	70	82	82
19	-	-	-	-	-	-	-	-	-	-	87	76	82	105	93
20	64	61	58	58	58	61	70	105	116	108	108	116	105	99	76
21	12	15	18	12	15	12	18	41	6	-12	29	64	73	82	52
22	87	70	55	55	64	70	93	82	84	90	82	82	87	79	76
23	47	29	35	70	32	47	58	55	41	58	64	41	44	41	38
24	55	47	47	44	41	55	87	93	41	38	29	26	32	52	87
25	41	41	-	-	-	-	-	-	-	-	20	47	58	-	-
26	-	-	-	-	-	-	-	-	41	58	47	41	23	35	38
27	-	-	-	-	-	-	-	-	76	52	64	67	76	76	64
28	87	64	55	58	50	41	50	82	58	79	12	-30	-24	-48	-63
29															
30															
31															
Prom.	53.9	50.5	54.2	57.1	58.2	63.5	81.5	96.7	82.7	103.0	90.4	90.0	78.8	76.3	74.0

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	1.75	2.30	4.05	0.74	3.12	3.92	7.04	0.81	0.23	0.28	0.51	0.82	0.43	0.45	0.88	1.05
2	3.66	6.78	10.44	0.53	5.69	6.03	11.72	0.95	0.54	0.75	1.29	0.72	0.77	0.75	1.52	1.03
3	5.78	6.16	11.94	0.94	8.97	14.08	23.05	0.64	0.60	0.67	1.27	0.90	1.44	1.56	3.00	0.92
4	5.38	5.65	11.03	0.95	11.84	8.89	20.73	1.33	0.68	0.67	1.35	1.01	1.09	1.20	2.29	0.91
5	6.06	9.21	15.27	0.65	5.66	5.27	10.93	1.07	1.57	1.19	2.76	1.32	0.79	0.71	1.50	1.11
6	5.45	7.10	12.55	0.76	3.64	4.12	7.76	0.89	0.70	0.86	1.56	0.81	0.41	0.54	0.95	0.76
7	3.90	6.75	10.65	0.58	8.16	7.25	15.41	1.12	0.75	1.00	1.75	0.75	1.23	0.91	2.14	1.35
8	4.45	5.54	9.99	0.80	11.81	11.13	22.94	1.08	0.55	0.63	1.18	0.87	1.68	1.58	3.26	1.06
9	8.26	8.75	17.01	0.95	3.36	4.02	7.38	0.85	0.85	0.81	1.66	1.05	0.18	0.40	0.58	0.45
10	3.88	5.36	9.24	0.72	19.37	14.54	33.91	1.33	0.52	0.54	1.06	0.96	1.85	1.89	3.74	0.98
11	6.06	6.77	12.83	0.90	7.89	8.67	16.56	0.91	0.81	0.87	1.68	0.93	1.09	1.24	2.33	0.88
12	-	-	-	-	-	-	-	-	1.23	1.14	2.37	1.08	1.06	0.97	2.03	1.09
13	6.72	7.17	13.89	0.94	7.48	9.78	17.26	0.77	0.95	0.84	1.79	1.13	0.99	1.32	2.31	0.75
14	8.45	9.20	17.65	0.92	8.03	3.34	11.37	2.38	1.04	0.92	1.96	1.13	0.47	0.53	1.00	0.89
15	8.61	11.78	20.39	0.73	5.03	6.70	11.73	0.75	1.22	1.20	2.42	1.02	0.64	0.65	1.29	0.98
16	9.39	12.53	21.92	0.74	5.16	6.90	12.06	0.75	1.35	1.33	2.68	1.02	0.78	0.93	1.71	0.84
17	5.95	7.61	13.56	0.69	7.68	11.14	18.82	0.69	0.86	0.89	1.75	0.97	0.75	0.74	1.49	1.01
18	7.52	9.22	16.74	0.83	7.28	7.43	14.71	0.97	1.08	0.97	2.05	1.11	0.92	0.95	1.87	0.97
19	8.26	8.59	16.85	0.96	7.78	9.68	17.46	0.81	1.20	1.18	2.38	1.02	1.10	1.24	2.34	0.89
20	3.00	1.76	4.76	1.67	6.78	7.54	14.32	0.90	0.38	0.30	0.68	1.27	0.89	0.95	1.84	0.94
21	10.76	12.50	23.26	0.87	10.56	7.52	18.08	1.40	1.36	1.58	2.94	0.86	1.31	1.09	2.40	1.20
22	9.46	9.21	18.67	1.02	8.94	11.09	20.03	0.80	1.30	1.35	2.65	0.96	1.17	1.53	2.70	0.76
23	9.00	10.81	19.81	0.83	9.18	6.20	15.38	1.46	1.14	1.32	2.46	0.86	1.22	0.98	2.20	1.24
24	8.70	11.43	20.13	0.76	7.51	8.30	15.81	0.91	1.15	1.46	2.61	0.79	0.92	1.09	2.01	0.84
25	7.87	13.76	21.63	0.57	-	-	-	-	1.00	1.00	2.00	1.00	0.56	1.17	1.73	0.48
26	-	-	-	-	-	-	-	-	1.05	0.93	1.98	1.13	1.19	1.38	2.57	0.86
27	0.86	1.00	1.86	0.86	10.40	12.36	22.76	0.85	1.39	1.58	2.97	0.88	1.57	2.11	3.68	0.74
28	4.65	4.84	9.49	0.97	3.23	4.16	7.39	0.78	0.66	0.63	1.29	1.05	0.48	0.48	0.96	1.00
29																
30																
31																
Prom.	6.30	7.76	14.06	0.84	7.78	8.00	15.78	1.01	0.93	0.96	1.89	0.98	0.96	1.05	2.01	0.93

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
87	96	119	128	99	134	99	82	93	139.8	340	-12	352	1
148	108	70	41	50	35	26	47	82	113.7	311	-23	334	1
-16	- 3	-12	-12	35	70	175	134	44		244	-277	521	2
93	84	82	84	76	111	87	44	26		198	-66	264	1
70	23	-33	21	18	29	26	23	38		163	-84	247	2
29	52	38	23	128	122	102	96	82		227	-213	440	2
90	111	111	137	122	163	-	-	-		204	00	204	0
-	-	-	84	55	70	58	73	64					1
32	26	26	- 9	6	9	-24	6	41		154	-	-	2
20	23	6	55	-	61	67	50	44		131	-280	411	2
20	-30	-20	204	-	-	-	-	-		[illegible]	[illegible]	-	3
35	55	55	38	15	9	18	47	41		105	-150	255	1
70	32	41	70	82	76	58	55	58	57.0	175	-24	199	1
73	99	108	50	32	35	41	32	44	54.4	163	00	163	0
73	87	84	58	38	41	38	35	23	45.8	169	00	169	0
-	41	12	6	-18	64	50	50	50		[illegible]	[illegible]	-	3
-	-	-	-	-	-	-	-	-		[illegible]	00	-	3
64	87	73	52	12	-18	-	-	-		[illegible]	-122	-	1
79	76	70	70	77	64	52	58	64		169	35	134	0
76	76	79	64	70	47	20	15	12	71.8	157	- 3	160	1
64	93	111	146	116	105	111	93	82	56.5	201	-84	285	1
76	61	70	76	111	105	105	108	134	83.4	163	30	133	0
18	38	35	18	58	52	50	55	61	45.2	116	-54	170	1
90	79	70	70	52	44	35	18	18	52.1	175	- 6	181	1
-	-	-	-	-	-	38	-	-		[illegible]	[illegible]	-	3
44	64	73	64	-	-	-	-	-		140	-30	170	1
58	50	41	41	78	82	41	32	58		119	-84	203	1
-96	-80	-44	35	163	233	224	157	169		300	-228	528	2
77.5	76.9	78.7	72.1	78.8	67.4	58.3	54.0	60.7	72.0				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
303	288	134	4.90	3.93	454	486	940	0.93	-	0.40
111	160	70	6.88	3.55	366	570	936	0.64	-	-
-18	- 9	-18	-0.38	-1.80	737	798	1535	0.92	-	1.24
90	111	84	5.00	6.41	490	974	1464	0.50	2.01	0.39
52	52	-21	4.78	-1.05	816	247	1063	3.30	0.16	-
47	55	47	2.86	1.49	260	570	830	0.46	-	0.32
102	108	128	6.30	9.13	853	260	1113	3.28	-	-
38	32	-	1.26	-	587	509	1096	1.15	0.70	0.34
-222	-313	23	-17.32	0.44	951	327	1278	2.91	1.40	2.56
38	35	9	1.24	1.12	260	714	974	0.36	-	1.35
29	26	-15	1.46	-1.16	890	522	1412	1.70	1.28	3.22
61	61	47	4.82	3.18	890	654	1544	1.36	-	-
82	64	35	3.82	2.70	1046	983	2029	1.06	1.01	1.65
35	35	108	2.29	3.60	417	457	874	0.91	-	0.92
47	55	90	4.44	3.87	651	935	1586	0.70	-	0.76
29	38	38	3.39	2.42	197	532	729	0.37	-	
-	-	-	-	-	890	781	1671	1.14	1.06	1.33
84	76	70	5.19	4.36	853	593	1446	1.44	0.76	-
90	73	82	5.79	6.40	-	-	-	-	-	-
105	111	76	2.52	4.66	-	-	-	-	-	-
35	64	102	6.27	8.16	756	914	1670	0.83	0.92	1.77
76	79	70	6.98	6.30	815	484	1299	1.68	0.60	-
58	52	47	4.26	3.45	811	710	1521	1.14	0.51	-
18	20	70	1.74	4.69	662	216	878	3.06	0.32	-
20	35	-	2.33	-	649	813	1462	0.80	0.64	1.20
47	50	76	3.30	6.51	559	486	1045	1.15	-	-
67	67	41	6.63	5.03	1025	918	1943	1.12	1.39	0.65
-24	- 3	-48	-0.13	-1.54	763	1295	2058	0.59	0.27	1.90
52	53	54	2.99	3.43	679	644	1323	1.29	0.87	1.25

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	1.8	3.5	8.8	8.8	8.8	8.8	1.8	- 6.6	- 7.5	- 5.6	1.8	7.9	8.8
2	7.0	1.8	- 3.7	- 2.8	- 7.5	- 1.9	- 2.8	-11.3	- 8.5	- 5.6	7.0	3.5	- 3.7
3	4.4	8.8	14.9	4.4	22.8	24.6	21.0	43.1	26.3	-	-	-	-
4	5.3	5.3	8.8	13.2	10.5	12.3	6.1	- 2.8	- 3.7	- 6.6	5.3	5.3	12.3
5	- 5.6	- 1.9	5.3	4.4	4.4	2.6	- 5.6	-11.3	- 4.6	- 3.7	1.8	1.8	5.3
6	- 1.9	- 1.9	- 1.9	3.5	1.8	3.5	- 4.6	- 5.6	- 7.5	- 1.9	6.1	4.4	- 4.6
7	- 3.7	- 4.6	- 1.9	1.8	2.6	1.8	- 3.7	- 6.6	-	-	-	-	-
8	0.9	3.5	- 1.9	- 2.8	- 3.7	1.8	- 2.8	- 6.6	- 9.4	1.8	3.5	- 1.9	- 0.9
9	3.5	1.8	4.4	2.6	0.9	2.6	- 2.8	-	-	1.8	3.5	7.9	3.5
10	- 1.9	- 1.9	- 0.9	- 1.9	- 3.7	- 4.6	- 4.6	- 5.6	-10.3	- 5.6	- 1.9	3.5	2.6
11	2.6	1.8	- 1.9	- 2.8	- 6.6	- 6.6	-13.1	- 4.6	1.8	0.9	12.3	7.0	5.3
12	3.5	2.6	1.8	7.0	7.9	7.0	5.3	- 1.9	- 1.9	- 3.7	-11.3	-16.8	-14.9
13	7.9	12.3	13.2	11.4	9.7	7.0	2.6	- 1.9	- 6.6	1.8	4.4	6.1	7.9
14	10.5	7.9	8.8	10.5	10.5	7.0	4.4	3.5	3.5	5.3	9.7	13.2	7.0
15	- 1.9	- 3.7	- 0.9	- 3.7	- 1.9	- 2.8	- 9.4	-19.9	-15.9	-11.3	- 8.5	- 6.6	- 8.5
16	2.6	- 1.9	- 2.8	- 1.9	- 5.6	- 9.4	-14.9	-16.8	-14.0	- 7.5	0.9	2.6	- 4.6
17	- 2.8	- 0.9	2.6	1.8	- 3.7	- 7.5	-14.9	-18.1	- 8.5	-14.9	- 0.9	- 2.8	- 2.8
18	- 2.8	- 2.8	- 1.9	1.8	- 2.8	- 1.9	- 6.6	-11.3	- 4.6	- 1.9	7.9	10.5	6.1
19	10.5	7.0	7.0	8.8	7.0	4.4	- 3.7	- 3.7	5.3	8.8	8.8	5.3	- 5.6
20	- 6.6	- 2.8	- 0.9	2.6	- 1.9	- 1.9	- 4.6	- 2.4	- 8.5	- 2.8	7.0	14.0	8.8
21	5.3	5.3	12.3	7.0	4.4	3.5	- 5.6	- 4.6	3.5	- 3.7	2.6	- 3.7	1.8
22	3.5	1.8	4.4	6.1	8.8	5.3	- 1.9	- 6.6	- 2.8	2.6	7.0	3.5	6.1
23	17.6	18.4	23.7	28.9	19.3	14.0	9.7	2.6	10.5	8.8	10.5	8.8	6.1
24	14.0	10.5	5.3	5.3	2.6	5.3	- 6.6	- 6.6	- 2.8	2.6	3.5	5.3	2.6
25	- 5.6	- 2.8	- 1.9	14.0	28.9	22.8	15.8	16.7	15.8	18.4	23.7	19.3	11.4
26	6.1	9.7	8.8	6.1	6.1	5.3	- 0.9	- 2.8	- 3.7	7.0	7.0	1.8	- 6.6
27	- 9.4	- 3.7	- 1.9	- 1.9	- 3.7	- 4.6	- 7.5	- 9.4	-11.3	- 9.4	- 2.8	0.9	1.8
28	- 5.6	- 4.6	- 1.9	- 0.9	- 5.6	- 1.9	- 7.5	- 7.5	- 4.6	- 1.9	0.9	7.0	5.3
29													
30													
31													
Prom	2.1	2.5	3.9	4.7	3.9	4.0	- 2.0	- 4.3	- 2.6	- 0.9	4.2	4.1	1.9
Var.	3.0	3.4	4.8	5.6	4.8	4.9	1.1	- 3.4	- 1.7	0.0	5.1	5.0	2.8

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 3.2	- 1.6	- 3.2	- 3.2	-19.2	-22.4	-14.4	-14.4	-27.2	-19.2	-11.2	- 4.8	- 8.0
2	- 3.2	- 3.2	- 3.2	- 6.4	-19.2	-24.0	-19.2	-20.8	-25.6	-25.6	-17.6	-12.8	-12.8
3	- 3.2	3.1	- 3.2	- 4.8	-20.8	-24.0	-19.2	- 4.8	4.8	-	-	-	-
4	9.5	12.6	6.3	3.1	- 9.6	-19.2	-16.0	- 9.6	-14.4	- 9.6	-14.4	- 9.6	- 9.6
5	- 9.6	4.8	1.6	3.1	- 3.2	- 6.4	-12.8	-16.0	-16.0	-14.4	-16.0	-14.4	-12.8
6	- 4.8	3.1	6.3	- 3.2	-12.8	-19.2	-12.8	- 9.6	- 9.6	- 6.4	-11.2	-11.2	- 9.6
7	- 3.2	1.6	1.6	- 3.2	-12.8	-22.4	-11.2	-12.8	-	-	-	-	-
8	4.8	4.8	3.1	- 1.6	-19.2	-22.4	-14.4	- 9.6	-17.6	-12.8	- 9.6	- 9.6	- 4.8
9	4.8	3.1	3.1	- 3.2	- 9.6	-19.2	-12.8	-	-	-12.8	- 9.6	- 9.6	- 9.6
10	3.1	4.8	1.6	1.6	-16.0	-19.2	-16.0	-17.6	-22.4	-19.2	- 9.6	-12.8	- 9.6
11	3.1	7.9	4.8	3.1	-11.2	- 9.6	-12.8	- 3.2	-11.2	-11.2	- 9.6	-11.2	- 6.4
12	3.1	6.3	3.1	4.8	4.8	3.1	- 3.2	- 1.6	3.1	-12.8	- 1.6	-19.2	-12.8
13	7.9	12.6	12.6	4.8	-12.8	-19.2	-12.8	- 6.4	- 6.4	- 9.6	4.8	4.8	7.9
14	15.8	15.8	12.6	6.3	- 9.6	-14.4	- 9.6	- 4.8	-20.8	-22.4	-12.8	-19.2	-12.8
15	3.1	4.8	4.8	1.6	- 3.2	- 4.8	- 4.8	-16.0	-19.2	-20.8	-17.6	-17.6	-16.0
16	-11.2	- 3.2	- 4.8	- 4.8	-12.8	-22.4	-19.2	-16.0	-24.0	-28.8	-14.4	-12.8	-16.0
17	4.8	6.3	4.8	4.8	- 9.6	-16.0	-16.0	-11.2	-14.4	-20.8	- 9.6	- 6.4	- 4.8
18	9.5	7.9	3.1	3.1	-12.8	-19.2	-14.4	-11.2	-14.4	-19.2	- 6.4	-11.2	-11.2
19	4.8	11.0	4.8	6.3	7.9	7.9	6.3	6.3	- 4.8	- 6.4	- 3.2	- 1.6	9.5
20	1.6	9.5	6.3	3.1	- 3.2	- 4.8	- 3.2	- 1.6	- 6.4	-16.0	-20.8	-22.4	-16.0
21	3.1	4.8	- 4.8	- 3.2	- 6.4	-12.8	-16.0	-12.8	-19.2	-22.4	-19.2	-16.0	-12.8
22	- 3.2	- 4.8	3.1	- 6.4	-24.0	-22.4	-20.8	-12.8	-19.2	-25.6	-17.6	-19.2	-19.2
23	- 8.0	- 4.8	- 4.8	- 4.8	-22.4	-19.2	-16.0	-12.8	-16.0	-25.6	-12.8	- 9.6	-11.2
24	- 1.6	3.1	- 1.6	- 4.8	-11.2	- 9.6	-20.8	-19.2	-20.8	-17.6	-27.2	-22.4	-16.0
25	- 4.8	3.1	- 3.2	- 4.8	-20.8	-16.0	-12.8	- 9.6	-14.4	-17.6	- 4.8	- 6.4	- 6.4
26	3.1	4.8	- 4.8	- 3.2	- 9.6	- 8.0	-11.2	-12.8	-24.0	-22.4	-19.2	-19.2	-16.0
27	-20.8	- 6.4	- 8.0	-12.8	-19.2	-28.8	-25.6	-19.2	-27.2	-16.0	- 9.6	- 4.8	- 3.2
28	-19.2	-14.4	-22.4	-25.6	-36.8	-50.4	-44.5	-36.8	-36.8	-41.5	-28.8	-28.8	-20.8
29													
30													
31													
Prom	0.2	3.4	0.7	- 1.8	-12.7	-16.6	-14.5	-12.4	-16.3	-17.5	-13.0	-12.6	-10.4
Var.	8.9	12.1	9.4	6.9	- 4.0	- 7.9	- 5.8	- 3.7	- 7.6	- 8.8	- 4.3	- 3.9	- 1.7

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
5.3	- 3.7	- 7.5	- 9.4	-13.1	- 9.4	- 2.8	- 5.6	- 3.6	5.3	- 1.9	- 0.4	1
3.5	3.5	3.5	- 9.4	- 9.4	-10.3	- 4.6	- 2.8	- 3.7	6.1	4.4	- 1.9	2
14.9	- 1.9	7.0	- 5.6	1.8	2.6	8.8	2.6	1.8	5.3	4.4	8.8	1
10.5	- 7.5	- 2.8	-11.3	- 9.4	- 9.4	- 1.9	- 3.7	- 3.7	2.6	4.4	1.6	1
- 3.7	- 2.8	- 8.5	-13.1	-16.8	-11.3	- 3.7	- 4.6	- 5.6	- 1.9	- 3.7	- 3.4	1
3.5	- 0.9	2.6	- 7.5	- 3.7	1.8	7.0	3.5	7.0	6.1	0.9	0.4	1
-	-	-	-	-	-	-	0.9	4.4	0.9	- 3.7	- 0.9	-
- 2.8	- 7.5	- 1.9	-11.3	-13.1	- 9.4	- 5.6	- 9.4	3.5	6.1	1.8	- 2.8	1
- 2.8	- 3.7	- 5.6	-11.3	- 7.5	- 4.6	2.6	2.6	1.8	4.4	3.5	0.4	1
1.8	- 3.7	- 5.6	-11.3	-14.0	-10.3	- 4.6	- 5.6	- 3.7	- 2.8	1.8	- 3.9	0
5.3	- 1.9	- 2.8	- 7.5	- 6.6	-12.2	1.8	15.8	29.8	32.5	20.2	3.2	1
-21.8	-29.3	-36.1	-36.1	-38.4	-36.1	-29.3	-32.0	-29.3	-21.8	-14.9	-14.2	1
7.0	- 5.6	-	-		-	- 1.9	- 2.8	- 4.6	- 3.7	- 2.8	3.0	1
7.9	4.4	- 1.9	- 1.9	- 4.5	- 1.9	2.6	- 2.8	1.8	2.6	- 3.7	4.3	0
-13.1	-17.8	-21.8	-16.8	-17.8	- 9.4	- 3.7	- 7.5	- 7.5	- 2.8	- 4.6	- 9.1	1
- 8.5	-14.9	-14.0	-18.1	-15.9	- 9.4	- 1.9	- 7.5	- 5.6	- 2.8	- 4.6	- 7.3	1
1.8	3.5	- 8.8	-10.5	- 9.7	- 1.8	- 3.5	- 5.3	- 3.5	- 2.6	- 2.6	- 4.8	1
5.3	-11.3	- 8.5	- 9.4	- 8.5	- 3.7	1.8	- 2.8	8.8	24.6	26.3	0.5	1
- 6.6	- 8.5	-13.1	-12.2	- 8.5	- 6.6	3.5	2.6	- 4.6	- 1.9	- 0.9	0.1	1
12.3	-49.9	-66.9	-39.9	-48.4	-23.7	-18.1	- 1.9	-11.3	- 7.5	5.3	-10.7	2
- 1.9	-11.3	-13.1	-19.9	- 8.5	-13.1	- 2.8	1.8	2.6	1.8	5.3	- 1.3	1
- 5.6	-15.9	- 9.4	-12.2	-10.3	-15.9	- 8.5	- 3.7	- 2.8	4.4	2.6	- 1.6	1
- 1.9	3.5	- 8.5	-13.1	- 7.5	- 8.5	7.0	19.3	14.0	8.8	15.8	8.6	2
- 5.6	-13.1	-16.8	-19.9	-16.8	- 8.5	- 8.5	- 1.9	- 3.7	5.3	4.4	- 1.8	1
5.3	12.3	17.6	16.7	17.6	17.6	14.0	16.7	12.3	12.3	11.4	14.0	2
- 7.5	-13.1	-11.3	-15.9	-12.2	- 9.4	- 7.5	- 8.5	- 8.5	- 7.5	- 4.6	- 2.5	0
- 3.7	- 5.6	- 5.6	- 9.4	- 7.5	- 4.6	- 3.7	- 5.3	3.5	3.5	3.5	- 4.1	0
1.8	0.9	2.6	0.9	0.9	2.6	3.5	6.1	5.3	7.0	4.4	0.3	0
0.0	- 7.4	- 9.1	-12.1	-11.0	- 7.8	- 2.2	- 1.4	- 0.2	3.0	2.5	- 0.9	
0.9	- 1.5	- 8.2	-11.2	-10.1	- 6.9	- 1.3	- 0.5	0.7	3.9	3.4		

LINEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 6.4	1.6	- 6.4	- 6.4	- 9.6	- 3.2	- 6.4	- 8.0	- 8.0	- 3.2	3.1	- 8.4	1
-14.4	-16.0	- 9.6	-19.2	-17.6	-12.8	- 9.6	-11.2	- 9.6	- 3.2	- 3.2	-13.3	2
- 4.8	- 3.2	3.1	- 9.6	-11.2	- 8.0	-11.2	-11.2	- 6.4	3.1	4.8	- 5.3	1
-12.8	-12.8	-12.8	-16.0	-19.2	-19.2	-16.0	- 8.0	- 6.4	- 1.6	- 3.2	- 8.7	1
- 9.6	-12.8	-14.4	-12.8	-16.0	-12.8	-16.0	-11.2	-19.2	- 3.2	- 4.8	-10.2	1
-12.8	-12.8	- 8.0	- 9.6	- 9.6	- 9.6	- 6.4	- 9.6	- 6.4	1.6	3.1	- 7.5	0
-	-	-	-	-	-	-	3.1	- 4.8	3.1	4.8	- 4.2	-
-11.2	-12.8	- 4.8	- 6.4	- 9.6	- 6.4	- 8.0	- 8.0	- 4.8	- 1.6	- 1.6	- 7.6	1
- 9.6	-11.2	- 4.8	- 9.6	- 9.6	- 3.2	- 6.4	- 8.0	-11.2	4.8	4.8	- 6.2	0
-12.8	- 6.4	-14.4	-12.8	-12.8	- 9.6	- 6.4	-11.2	- 4.8	4.8	4.8	- 8.7	0
- 6.4	- 3.2	- 9.6	- 9.6	-14.4	-11.2	-12.8	- 6.4	- 3.2	14.2	7.9	- 5.1	1
-19.2	-22.4	-20.8	-19.2	-28.8	-27.2	-27.2	-27.2	-28.8	-12.8	-14.4	-11.2	1
7.9	9.5	-	-	-	-	-16.0	- 9.6	-12.8	- 4.8	- 4.8	- 2.1	1
-14.4	-14.4	- 6.4	- 3.2	-16.0	-12.8	- 9.6	-17.6	-16.0	- 3.2	- 1.6	- 7.8	1
-20.8	-11.2	-14.4	-14.4	-20.8	-12.8	-14.4	-12.8	- 8.0	1.6	3.1	- 9.6	1
-16.0	-14.4	-11.2	-11.2	-16.0	-14.4	-12.8	-17.6	-11.2	4.8	3.1	-12.8	0
- 9.6	- 3.2	- 6.4	- 6.4	- 9.6	4.8	- 4.8	- 4.8	- 4.8	4.8	4.8	- 5.1	2
- 6.4	- 6.4	- 4.8	-11.2	-16.0	- 4.8	- 4.8	- 1.6	- 3.2	3.1	3.1	- 6.2	1
7.9	4.8	3.1	1.6	3.1	- 4.8	- 6.4	- 4.8	- 6.4	0.0	- 3.2	1.8	0
-17.6	-14.4	-17.6	-19.2	-22.4	-20.8	-12.8	-16.0	-16.0	- 8.0	- 6.4	-10.2	2
-11.2	- 6.4	-14.4	-16.0	-12.8	-19.2	-19.2	-12.8	-12.8	- 3.2	- 3.2	-11.2	2
-20.8	-12.8	- 9.6	-12.8	-20.8	- 9.6	- 9.6	-12.8	- 9.6	- 3.2	- 3.2	-13.2	1
- 6.4	1.6	7.9	3.1	- 6.4	4.8	- 3.2	-12.8	- 6.4	- 1.6	- 3.2	- 7.9	2
-16.0	-20.8	-24.0	-22.4	-25.6	-25.6	-28.8	-14.4	- 9.6	- 4.8	- 4.8	-15.2	2
- 6.4	- 4.8	- 9.6	- 6.4	- 3.2	- 4.8	-11.2	- 6.4	- 6.4	1.9	1.9	- 7.2	1
- 8.0	-16.0	- 9.6	-17.6	-22.4	-20.8	-19.2	-12.8	-19.2	- 3.2	- 4.8	-12.3	1
- 1.6	6.3	9.5	9.5	3.1	11.0	9.5	3.1	11.0	17.4	17.4	- 4.4	2
-22.4	-16.0	-12.8	-16.0	-19.2	-20.8	-19.2	-24.0	-19.2	- 8.0	- 8.0	-24.4	1
-10.4	- 8.5	- 8.5	-10.5	-13.9	-10.5	-11.4	-10.5	- 9.4	0.0	- 0.1	- 8.7	
- 1.7	0.2	0.2	- 1.8	- 5.2	- 1.8	- 2.7	- 1.8	- 0.7	8.7	8.6		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	57.6	57.8	58.1	58.1	58.2	58.9	59.4	60.2	59.9	59.9	59.5	59.5	59.0	59.0	59.0
2	59.4	59.3	58.8	58.6	58.7	58.8	58.8	58.4	58.2	58.0	57.3	57.0	56.1	56.0	54.9
3	55.4	55.4	55.5	55.3	55.7	56.4	56.7	56.8	57.3	57.4	57.4	57.5	57.5	57.4	57.4
4	62.7	62.7	62.6	62.9	63.1	63.2	63.5	63.4	63.5	63.4	63.1	62.8	62.5	61.8	61.5
5	61.1	60.9	60.8	60.7	60.8	61.1	61.3	61.7	61.7	61.8	61.5	61.4	60.9	60.6	60.1
6	59.2	59.0	59.0	59.0	59.6	60.1	60.2	60.2	60.2	60.2	59.8	59.3	59.0	58.4	58.1
7	57.3	57.2	57.2	57.2	57.6	58.0	58.2	58.2	57.8	57.3	57.1	56.2	55.6	55.0	54.2
8	54.0	53.9	54.0	54.0	54.1	54.3	54.5	54.6	54.4	54.4	54.2	53.6	53.3	52.4	52.4
9	53.9	54.0	54.4	54.6	55.6	56.0	56.7	56.9	56.8	57.1	57.0	56.5	56.3	56.2	55.9
10	55.0	55.0	55.1	55.2	55.3	55.4	55.7	56.0	55.8	55.9	55.6	55.2	54.6	54.0	53.5
11	52.5	52.6	52.9	53.1	53.5	54.1	54.7	54.9	54.5	54.4	53.6	53.1	52.6	51.0	50.5
12	52.3	53.0	53.0	53.3	53.2	53.4	53.6	53.6	53.1	52.8	53.3	53.2	53.2	53.0	53.0
13	53.8	53.7	53.6	53.8	54.3	54.7	55.0	55.2	55.7	55.6	55.6	55.6	55.5	55.1	54.6
14	57.6	57.6	57.5	57.7	58.3	58.6	58.9	59.4	59.3	59.5	59.5	59.1	58.8	58.0	57.7
15	59.4	59.4	59.4	59.4	59.4	59.8	60.0	60.2	59.7	59.5	59.2	58.6	58.1	57.6	57.0
16	56.6	56.6	56.5	56.5	56.6	57.0	57.4	57.2	56.5	56.3	55.6	56.0	54.2	53.8	53.3
17	54.1	54.0	53.6	53.7	54.1	54.4	54.8	55.4	55.2	55.2	54.4	54.1	53.8	53.6	52.9
18	54.3	54.1	54.3	54.3	54.3	53.6	54.2	54.4	54.2	54.1	53.5	53.4	53.1	52.2	52.2
19	53.0	52.6	53.3	54.3	55.2	55.8	56.4	57.2	57.7	58.2	58.7	59.3	59.3	59.4	59.4
20	64.0	64.1	64.2	64.2	64.5	65.1	65.2	65.2	65.2	65.3	64.8	64.6	64.5	64.0	63.7
21	63.1	62.9	62.7	62.7	62.7	62.9	63.0	63.2	63.1	63.0	62.3	62.0	61.5	60.7	60.0
22	58.6	58.7	58.6	58.6	58.8	58.9	59.2	59.8	59.0	58.8	58.4	57.7	57.1	56.7	56.0
23	56.1	56.1	56.2	56.5	57.0	57.4	57.9	58.1	58.0	57.9	57.4	57.2	56.9	56.3	56.2
24	56.5	56.5	56.8	56.9	57.1	57.1	57.6	57.6	57.5	57.4	57.0	56.7	56.1	55.8	55.5
25	55.6	55.3	54.9	55.4	55.7	55.8	56.3	56.6	56.4	56.2	56.2	55.8	56.1	56.0	56.3
26	54.4	54.2	54.0	53.9	53.8	53.9	54.1	54.2	54.1	53.5	53.2	52.7	52.4	51.5	50.9
27	52.1	52.2	52.3	52.4	52.6	53.1	53.7	54.4	54.5	54.9	54.7	54.5	54.7	54.6	54.2
28	58.3	58.6	59.0	59.4	60.1	60.9	61.5	62.0	62.0	62.0	62.2	62.1	62.1	61.9	61.6
29															
30															
31															
Prom	56.7	56.7	56.8	56.8	57.1	57.4	57.8	58.0	57.9	57.8	57.6	57.3	57.0	56.5	56.1

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	16.6	15.1	14.0	12.9	12.4	12.1	14.3	18.1	20.7	23.1	24.8	25.2	26.3	26.3	25.1
2	17.0	16.6	15.5	15.0	14.1	14.3	18.1	20.2	20.6	22.8	24.0	24.1	24.3	25.3	26.2
3	15.2	14.4	14.3	14.2	15.0	15.1	17.8	22.0	24.9	27.6	28.5	28.9	29.7	29.7	28.8
4	15.0	13.8	12.6	11.6	11.4	11.1	15.8	19.1	21.2	23.4	24.9	25.8	26.9	27.6	27.9
5	16.3	15.3	14.0	13.9	15.2	14.8	16.9	20.5	23.7	26.7	28.4	29.9	30.5	31.3	31.5
6	20.8	19.8	19.2	18.9	18.3	17.4	19.9	24.1	26.8	28.3	29.7	31.0	32.2	32.4	32.8
7	22.8	21.9	20.9	20.2	19.3	19.0	20.7	22.9	24.5	26.6	28.6	30.8	32.0	32.8	33.0
8	22.0	21.5	20.8	19.6	18.9	19.8	21.7	24.0	26.8	29.5	32.0	33.1	34.2	32.2	27.7
9	24.9	24.5	23.7	22.6	22.0	21.8	22.5	23.8	25.2	26.5	27.3	27.1	28.6	29.0	28.4
10	22.8	22.0	22.0	21.9	21.3	20.8	21.8	22.8	23.4	23.5	22.9	24.4	28.5	29.6	29.7
11	22.1	22.0	22.2	21.5	20.8	20.4	21.2	20.2	20.1	22.3	25.7	29.2	31.7	32.8	33.7
12	20.4	21.3	21.0	20.8	20.7	20.6	20.7	19.2	20.0	20.5	20.6	21.2	21.2	21.8	22.2
13	19.8	19.3	18.9	18.0	17.7	16.5	18.7	20.7	22.9	25.0	27.4	28.4	30.1	30.8	30.8
14	20.5	19.9	19.5	18.8	18.4	18.4	20.9	22.4	23.3	24.6	25.6	26.8	27.8	28.8	28.7
15	22.1	21.1	20.4	19.8	19.4	19.4	20.7	23.1	24.2	25.6	26.4	28.0	29.2	29.8	29.9
16	20.8	21.7	21.8	21.7	21.5	21.4	21.6	23.7	25.7	28.1	29.7	30.7	31.7	31.6	27.2
17	22.9	22.6	22.1	21.8	22.3	22.2	25.1	27.1	28.0	29.2	31.7	33.6	33.7	24.5	25.2
18	22.6	22.5	21.8	20.3	20.9	21.6	22.1	23.0	25.1	25.5	26.2	25.7	26.1	26.5	27.8
19	18.8	18.3	17.8	17.9	17.9	17.9	17.5	18.0	19.3	19.7	20.0	19.7	21.1	21.4	21.4
20	10.1	9.8	8.9	7.8	7.3	6.9	10.1	15.5	17.6	19.2	20.0	20.9	21.7	21.8	21.9
21	15.7	15.8	15.8	15.7	15.0	14.9	16.2	19.2	20.7	22.4	23.6	24.3	24.3	25.3	25.4
22	13.7	16.3	16.2	16.2	15.8	15.5	16.7	19.6	22.3	23.8	25.7	27.2	28.1	28.8	29.0
23	18.9	18.5	17.9	16.9	17.2	17.2	20.1	23.0	26.2	29.0	30.3	31.2	32.0	32.3	32.9
24	22.1	22.2	21.8	21.2	20.8	20.3	22.1	25.0	27.1	28.8	30.7	30.8	32.2	30.9	30.2
25	22.6	22.6	23.6	21.9	21.0	20.8	20.8	21.0	20.9	23.3	22.8	24.1	24.5	23.5	21.6
26	21.0	20.9	20.9	21.2	21.5	21.6	21.7	22.2	22.9	24.4	26.2	26.7	28.2	29.0	29.8
27	23.3	22.3	21.4	21.1	20.8	20.6	21.4	24.6	27.0	25.0	25.4	26.6	29.7	31.7	32.4
28	21.1	19.4	18.6	17.1	16.3	16.4	17.0	19.2	21.6	22.7	24.3	25.9	26.5	26.4	26.8
29															
30															
31															
Prom	19.7	19.3	18.8	18.2	18.0	17.8	19.4	21.6	23.3	24.9	26.2	27.2	28.3	28.4	28.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.1	59.2	59.2	59.2	59.3	59.8	59.9	60.0	59.9	60.2	8	57.3	0	2.9	759.1 mm.	1012.1 mb.
54.3	54.2	54.2	54.3	54.6	54.8	55.1	55.4	55.4	59.9	0	54.2	17,18	5.7	56.7	1008.9
57.6	58.0	59.1	60.3	60.8	61.8	62.3	62.5	62.6	62.6	2,4	55.2	3-4	7.4	58.1	1010.8
60.8	60.3	60.2	60.1	60.6	60.9	61.1	61.2	61.1	63.5	9	60.1	19	3.4	62.0	1016.0
59.4	59.3	59.2	59.0	59.1	59.9	59.9	59.9	59.8	61.8	10	59.0	19	2.8	60.5	1014.0
57.4	57.2	57.2	57.2	57.6	57.6	57.5	57.4	57.3	60.2	7,8,9,10	57.2	17,18,19	3.0	58.6	1011.4
54.1	53.8	53.7	53.7	53.8	54.0	54.1	54.2	54.1	58.2	7,8	53.7	18,19	4.5	55.8	1007.7
52.3	52.2	52.1	52.3	52.9	53.4	53.6	53.8	53.9	54.6	8	52.1	18	2.5	53.5	1004.6
55.4	55.2	55.0	54.9	55.0	55.2	55.2	55.2	55.0	57.1	10	53.9	0,1	3.2	55.6	1007.4
52.9	52.3	51.7	52.3	52.4	52.7	53.3	53.3	52.5	56.0	8	51.7	18	4.3	54.2	1005.6
49.6	49.6	49.2	49.1	50.7	51.0	51.6	52.1	51.9	54.9	8	49.4	19	5.5	52.2	1002.9
52.6	52.7	52.5	53.1	53.2	53.7	53.8	54.2	54.0	54.2	23	51.9	0	2.3	53.2	1004.2
54.6	54.9	55.0	55.5	56.1	56.8	57.4	57.5	57.6	57.6	24	53.6	3	4.0	55.3	1007.0
57.3	57.4	57.7	57.9	58.2	58.5	58.7	59.2	59.4	59.6	10-11	57.5	3	2.1	58.4	1011.2
56.7	56.6	56.4	56.4	56.4	56.5	56.5	56.7	56.7	60.2	8	56.4	18,19,20	3.8	58.2	1010.9
53.2	53.2	53.7	53.9	53.5	53.8	54.0	54.1	54.1	57.4	7	53.2	16,17	4.2	55.2	1006.9
53.7	53.2	53.1	53.5	53.9	54.1	54.3	55.0	54.5	55.2	9,10	52.9	15	2.3	54.1	1005.4
51.4	51.0	50.7	52.1	52.8	54.5	54.9	55.5	55.4	55.5	23	50.7	18	4.8	53.5	1004.6
59.4	59.9	60.3	61.1	61.6	62.3	63.0	63.5	63.8	63.8	24	52.6	2	11.2	58.5	1011.3
63.5	63.4	63.1	63.1	63.2	63.6	63.6	63.6	63.5	65.5	9-10	63.1	18,19	2.4	64.1	1018.8
59.3	58.9	58.8	58.8	58.7	58.6	58.5	58.7	58.8	63.5	0	58.5	22	5.0	61.0	1014.6
55.8	55.6	55.5	55.4	55.9	56.1	56.2	56.2	56.1	59.8	8	55.4	19	4.4	57.4	1009.8
56.0	56.0	56.0	56.3	56.7	57.3	57.2	57.2	57.1	58.1	8	56.0	16,17,18	2.1	56.9	1009.2
55.4	55.5	55.2	55.4	55.6	56.3	56.3	56.3	56.2	57.6	7,8	55.2	18	2.4	56.4	1008.5
53.9	53.7	53.9	54.2	54.4	54.6	54.7	54.6	54.5	56.6	8	53.7	17	2.9	55.3	1007.0
50.4	50.4	50.2	50.3	50.9	51.4	51.6	51.6	52.0	54.5	0	50.2	18	4.3	52.5	1003.3
54.1	54.0	54.4	54.9	55.0	55.4	55.8	56.6	57.3	57.3	24	52.0	0	5.3	54.3	1005.7
61.6	62.0	62.6	63.2	64.0	64.1	64.1	64.1	64.0	64.1	21,22,23	57.3	0	6.8	61.8	1015.7
55.8	55.7	55.7	56.0	56.3	56.7	56.9	57.1	57.1	58.9		54.8		4.1	56.9	1009.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
23.8	21.7	20.6	19.6	19.0	18.3	17.8	17.3	17.0	27.0	13-14	12.1	6	14.9	19.2
26.5	25.4	23.9	21.8	20.1	19.2	18.5	16.9	16.2	26.9	16-17	13.3	5-6	13.6	20.2
29.2	28.8	23.0	21.3	20.6	19.3	18.8	16.7	15.7	30.3	13-14	14.2	4	16.1	21.6
27.8	27.3	25.6	22.7	20.6	19.9	19.3	18.4	17.7	28.3	14-15	11.1	6	17.2	20.3
31.0	30.6	29.5	25.5	23.4	22.6	22.0	21.9	21.7	31.5	15	13.9	4	17.6	19.0
33.0	31.8	30.2	26.6	24.1	23.2	22.8	22.7	22.7	33.0	16	17.4	6	15.6	25.4
32.8	30.7	28.5	26.2	24.0	23.3	23.0	22.4	22.2	33.1	14-15	19.0	6	14.1	25.4
29.5	29.6	28.4	26.4	25.4	25.2	25.3	25.0	25.0	34.3	12-13	18.7	5-6	15.6	26.0
26.6	25.1	24.1	23.4	23.0	23.0	22.9	22.9	22.7	29.8	13-14	21.8	6	8.0	24.6
29.7	29.8	28.3	26.1	24.1	23.7	23.2	23.0	22.1	29.8	17	20.8	6	9.0	24.5
33.3	30.9	30.2	29.9	22.0	21.2	20.7	20.2	20.5	33.7	15	20.1	9	13.6	24.8
22.0	22.2	22.0	21.4	21.1	21.0	20.8	20.5	20.0	22.2	15,17	19.2	8	3.0	21.0
29.0	27.4	25.2	23.1	22.4	22.0	22.0	21.5	21.0	31.1	14-15	16.5	6	14.6	23.3
28.2	27.1	25.2	23.6	22.9	22.8	22.9	23.6	22.9	29.0	13-14	18.4	5,6	10.6	23.5
29.9	28.5	26.1	24.2	23.5	22.9	22.6	21.7	21.1	30.0	14-15	19.4	5,6	10.6	24.2
27.1	27.1	25.4	23.3	22.7	22.4	21.9	22.0	22.9	32.4	13-14	20.8	1	11.6	24.7
25.2	25.9	25.1	24.2	23.6	23.0	23.8	23.8	23.5	34.9	12-13	21.8	4	13.1	25.4
28.2	28.2	26.6	22.7	21.0	20.6	19.6	18.7	18.7	28.2	16,17	18.7	23,24	9.5	23.4
21.0	20.7	18.9	17.7	16.2	14.8	13.5	12.5	11.2	21.6	13-14	11.2	24	10.4	18.0
21.5	20.4	19.1	17.6	16.7	16.4	16.4	15.0	14.1	21.9	15	6.9	6	15.0	15.7
25.3	24.8	23.0	20.8	19.6	18.7	18.0	16.6	15.2	25.5	13-14	14.1	0	11.4	19.8
29.0	28.0	26.1	23.2	21.5	20.9	20.4	20.2	19.6	29.2	14-15	13.3	1-2	15.9	21.8
32.1	31.3	30.0	25.7	23.9	23.4	23.0	22.8	22.4	32.3	15	16.9	4	15.4	24.9
29.3	28.8	27.4	26.3	25.3	24.5	23.5	23.0	22.8	32.3	13-14	20.3	6	12.0	25.7
21.3	21.4	21.6	21.5	21.4	21.4	21.4	21.2	21.2	24.5	13	21.2	23,24	3.3	22.0
29.9	28.0	27.0	25.6	24.5	24.2	23.7	24.2	23.9	30.0	15-16	20.9	2,3	9.1	24.6
32.3	32.0	29.5	27.0	24.7	23.0	21.1	21.4	21.7	32.6	15-16	20.6	6	12.0	25.2
24.8	23.1	21.2	20.3	19.2	18.1	17.7	17.4	17.2	27.1	13-14	16.3	5	10.8	20.8
27.8	27.0	25.4	23.5	22.0	21.4	21.0	20.5	20.1	29.4		17.1		12.3	22.7

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	61	74	83	90	95	96	79	69	62	54	45	38	34	47	51
2	84	78	76	78	92	96	82	74	69	60	53	49	47	44	40
3	99	99	100	100	100	100	90	71	59	39	32	26	23	22	24
4	87	93	94	94	94	95	75	68	60	45	35	29	26	25	22
5	77	81	88	82	68	68	65	54	48	38	28	24	26	26	26
6	53	62	65	66	69	76	66	51	41	39	33	29	25	26	15
7	63	72	82	86	90	87	78	66	60	54	48	35	27	25	17
8	88	69	75	82	85	82	71	60	49	42	37	33	31	37	44
9	58	57	59	63	65	68	63	59	55	50	48	39	37	35	40
10	65	70	68	68	72	75	69	63	60	60	65	55	44	42	47
11	68	64	49	51	55	57	54	76	74	63	51	41	33	33	33
12	93	85	95	97	97	96	96	93	93	92	90	88	87	82	78
13	97	97	98	94	89	94	75	65	55	45	37	32	30	26	30
14	83	87	89	92	94	95	83	77	73	67	60	54	54	53	52
15	68	77	80	85	87	89	80	72	67	63	62	58	51	48	49
16	92	76	80	84	85	86	86	74	67	61	57	54	48	46	61
17	85	86	90	93	91	91	71	64	61	55	45	36	33	65	67
18	82	83	81	83	91	82	86	82	65	62	60	64	64	56	54
19	92	94	94	93	91	93	82	84	76	74	62	61	54	53	52
20	78	82	85	92	93	93	74	55	49	48	43	38	38	39	41
21	83	82	84	87	88	87	79	64	56	49	44	39	37	34	34
22	94	82	88	91	93	97	89	77	66	58	47	39	36	35	33
23	94	94	95	95	85	91	85	77	64	46	39	36	31	30	28
24	82	83	88	90	92	94	82	74	67	62	53	51	44	49	55
25	87	86	84	98	97	97	97	92	97	82	84	76	71	77	95
26	94	94	94	94	94	94	92	91	86	75	72	70	64	54	46
27	88	92	94	95	95	94	84	71	63	62	58	53	46	39	34
28	85	72	86	88	86	86	81	63	49	43	38	31	30	30	27
29															
30															
31															
Prom.	81	81	84	86	87	88	79	71	63	57	51	46	42	46	43

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	8.5	9.0	9.5	9.5	9.5	10.0	9.0	10.0	11.0	11.0	9.5	9.0	8.0	12.0	12.5
2	11.5	10.5	10.0	9.5	11.0	11.5	12.5	13.1	12.0	11.5	11.5	10.5	10.5	10.4	9.5
3	12.5	11.5	11.5	11.5	12.0	12.0	13.0	13.8	13.5	10.0	9.5	8.0	7.0	7.1	6.6
4	11.0	10.5	10.0	9.0	9.0	9.0	9.5	11.2	10.5	9.0	7.8	6.8	7.2	7.0	6.2
5	10.5	10.5	10.0	9.5	8.5	8.5	9.0	9.8	10.0	9.5	7.8	7.0	9.0	9.0	9.5
6	9.5	10.5	10.0	11.0	10.5	11.0	11.5	11.4	11.0	10.5	10.0	9.0	8.5	9.1	4.8
7	12.5	14.0	15.0	15.0	14.5	14.0	14.0	13.8	13.0	13.5	13.5	10.5	9.5	8.8	6.6
8	17.0	12.5	13.0	14.0	13.0	14.0	14.0	13.3	12.5	13.0	13.0	12.0	13.0	13.1	11.5
9	13.5	13.0	12.5	12.5	12.0	13.0	12.5	12.8	12.5	12.0	12.5	10.0	11.0	10.5	10.5
10	12.5	13.0	13.0	13.0	13.5	13.0	13.0	13.1	12.0	12.0	13.0	12.0	12.0	12.9	14.5
11	13.0	12.0	9.5	10.0	9.5	10.0	10.0	13.4	12.5	12.5	12.5	12.5	12.0	12.3	12.5
12	16.5	15.5	17.0	17.5	17.5	17.5	17.5	15.4	16.0	16.5	15.5	16.0	16.0	14.9	15.5
13	16.5	16.0	15.5	14.0	13.0	12.5	11.5	11.7	10.5	10.0	10.0	9.0	8.5	8.5	9.0
14	14.5	15.0	14.5	14.5	14.5	14.5	15.0	15.4	15.0	15.5	14.0	13.5	14.5	15.5	15.0
15	13.0	14.0	13.5	14.0	14.5	14.5	14.0	15.0	15.0	15.0	16.0	16.0	15.5	14.8	15.0
16	16.5	15.0	15.0	15.5	15.5	16.5	16.5	16.0	16.5	17.5	17.5	17.0	16.5	16.0	16.5
17	17.0	17.5	17.0	18.0	18.5	18.5	17.0	17.1	17.5	15.5	14.5	14.5	12.5	14.8	15.0
18	16.5	16.5	16.0	14.5	16.5	15.5	17.0	17.1	14.5	15.0	14.5	15.0	15.5	14.3	14.5
19	14.5	14.5	14.0	14.0	14.0	14.0	12.0	12.9	12.5	12.0	10.5	10.5	9.5	9.8	10.0
20	7.0	7.4	7.0	7.2	7.0	6.8	6.6	7.2	7.0	7.8	7.4	6.8	7.2	7.7	8.0
21	11.0	11.0	12.5	11.5	11.0	11.0	10.5	10.7	10.0	9.5	9.0	8.5	8.5	8.3	7.8
22	10.5	11.0	12.0	12.5	12.0	12.5	12.0	13.1	13.5	12.5	11.5	10.0	10.5	10.3	9.5
23	15.0	14.5	14.0	13.0	12.0	13.5	14.0	16.2	15.5	14.0	12.0	12.5	11.5	10.6	10.0
24	16.0	16.0	17.0	16.0	16.5	16.0	16.0	17.4	18.0	18.5	17.0	17.0	15.0	16.2	16.5
25	17.5	17.5	17.5	19.0	18.0	17.5	17.5	17.1	17.5	17.5	17.0	17.0	16.5	16.4	17.5
26	17.0	17.0	17.5	18.0	17.5	17.5	17.5	18.1	18.0	16.5	18.0	17.5	17.5	16.1	14.5
27	18.5	18.5	17.5	17.0	16.5	16.5	15.5	16.3	16.5	14.5	13.5	13.5	14.5	13.6	11.5
28	15.0	12.0	13.5	12.5	12.0	12.0	11.5	10.4	9.0	8.5	8.5	8.0	7.0	7.7	7.2
29															
30															
31															
Prom.	13.7	13.4	13.4	13.3	13.2	13.3	13.2	13.7	13.3	12.9	12.4	11.8	11.6	11.7	11.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
54	60	62	62	64	68	75	78	81	96	6	33	13-14	63	66
38	47	52	63	71	80	87	97	98	98	24	37	16-17	61	69
20	23	58	66	57	52	55	72	83	100	3,4,5,6	20	16	80	61
23	23	33	47	62	66	73	74	74	95	6	22	15	73	59
25	23	20	60	56	63	65	59	48	82	3	16	17-18	66	51
16	16	21	44	57	63	67	74	57	76	6	14	15-16	62	47
24	36	37	49	66	71	73	78	81	90	5	17	15	73	58
41	50	45	63	65	63	64	65	61	89	0-1	28	13-14	61	58
45	59	69	71	72	72	76	74	70	77	21-22	34	13-14	43	58
42	39	46	53	72	74	75	74	80	80	24	37	17-18	43	62
40	42	44	50	77	89	92	93	91	97	20-21	32	13-14	65	59
78	79	80	90	92	93	93	95	97	97	4,5,24	76	16-17	21	90
42	43	62	73	76	79	78	80	81	98	3	26	14	72	66
50	56	62	72	79	79	77	58	62	95	6	50	16	45	71
48	53	64	71	73	76	84	90	93	93	24	48	14,16	45	70
63	60	60	65	68	70	76	81	84	93	0	43	13-14	50	70
56	56	47	65	77	74	75	69	77	93	4	32	12-13	61	68
51	48	62	81	78	80	87	93	93	95	22-23	48	17	47	74
51	50	53	55	56	61	64	70	71	94	2,3	49	16-17	45	70
41	45	48	58	70	74	78	88	91	91	24	37	12-13	54	64
36	36	44	57	72	81	87	84	88	92	22-23	33	15-16	59	64
35	40	41	50	70	81	87	88	91	97	6	33	15	64	67
34	35	38	73	77	78	81	84	86	95	3,4	28	15	67	66
57	59	63	69	73	78	84	87	89	94	6	44	13	50	72
96	95	89	91	92	91	92	94	94	98	4	71	13	27	90
50	68	69	79	83	85	86	87	87	95	2-3	46	15	49	80
31	35	42	51	72	82	90	85	77	95	4-5	31	16	64	68
49	51	54	53	46	52	58	60	59	95	2-3	27	15	68	57
44	44	52	64	63	74	78	80	80	92		36		56	66

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.5	11.0	11.0	10.5	10.5	10.5	11.0	11.0	11.5	12.5	15	8.0	13	4.5	10.3
9.5	11,0	11.5	12.0	12.4	12.5	13.5	13.5	13.0	13.5	22,23	9.5	4,15,16	4.0	11.4
5.4	6.6	12.0	12.5	10.1	8.5	8.5	10.0	11.0	13.8	8	5.4	16	8.4	10.2
6.2	6.0	7.8	9.5	11.3	11.5	12.0	11.0	10.5	12.0	22	6.0	17	6.0	9.1
7.6	7.4	5.4	14.0	12.0	12.5	12.0	11.0	9.0	14.0	19	5.4	18	8.6	9.5
6.6	6.2	7.2	11.0	12.1	13.0	13.5	14.5	11.5	14.5	23	4.8	15	9.7	10.2
8.0	12.0	11.0	12.0	14.6	15.0	15.0	15.5	16.0	16.0	24	6.6	15	9.4	12.8
13.0	14.5	12.0	15.5	15.8	15.0	15.0	14.5	14.5	17.0	1	11.5	15	5.5	13.7
11.0	13.5	15.0	15.0	14.9	15.0	16.0	15.0	13.5	16.0	22	10.0	12	6.0	12.9
13.0	11.5	13.5	13.0	16.1	15.5	15.0	15.0	15.0	16.1	20	11.5	17	4.6	13.3
14.0	14.0	13.5	15.0	15.3	16.0	16.5	16.0	16.5	16.5	22,24	9.5	3,5	7.0	13.0
15.0	15.0	15.0	16.5	17.0	17.0	16.5	16.5	17.0	17.5	4-7	14.9	14	2.6	16.3
12.5	11.5	15.0	15.0	15.2	15.0	15.0	14.5	15.0	16.5	1	8.5	13,14	8.0	12.7
13.5	15.0	14.5	15.5	16.4	16.0	16.0	12.5	13.0	16.4	20	12.5	23	3.9	14.7
15.0	15.0	15.5	16.0	15.7	16.0	16.5	16.5	17.0	17.0	24	13.0	1	4.0	15.1
16.5	15.0	13.5	13.0	13.9	13.5	15.0	16.0	17.0	17.5	10,11	13.0	19	4.5	15.7
13.5	14.0	11.0	14.0	16.6	15.0	15.5	14.5	16.5	18.5	5,6	12.5	13	6.0	15.7
15.0	13.5	16.0	16.0	14.5	14.0	14.5	14.5	14.5	17.1	8	13.5	17	3.6	15.2
9.5	8.5	8.5	7.8	7.7	7.8	7.2	7.2	7.2	14.5	1,2	7.2	22-24	7.3	10.7
8.0	7.6	7.8	8.5	9.8	10.0	10.5	11.0	11.0	11.0	23,24	6.6	7	4.4	8.0
9.0	8.5	8.5	10.5	12.2	13.0	13.0	11.5	11.0	13.0	21,22	7.8	15	5.2	10.3
9.5	10.5	10.5	10.0	13.4	15.0	15.5	15.0	15.5	15.5	22,24	9.5	15,16	6.0	12.0
11.5	11.0	11.5	17.5	16.9	16.5	17.0	17.0	17.5	17.5	19,24	10.0	15	7.5	14.0
17.5	17.0	17.0	17.0	17.5	17.5	17.5	18.0	18.0	18.5	10	15.0	13	3.5	16.9
18.0	17.5	16.5	17.5	17.6	17.5	17.5	17.0	17.0	19.0	4	16.4	14	2.6	17.4
15.0	19.0	18.0	18.5	19.0	18.5	19.0	19.5	19.0	19.5	23	14.5	15	5.0	17.6
11.5	11.5	13.0	14.0	16.7	17.0	16.0	15.5	15.0	18.5	1,2	11.5	15-16	7.0	15.2
11.0	11.0	9.5	9.0	7.7	8.0	8.5	8.5	8.5	15.0	1	7.0	13	8.0	9.8
11.7	12.0	12.2	13.4	14.0	14.0	14.2	14.0	14.0	15.9		10.1		5.8	13.0

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 —
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.
1	SE	9	SE	8	SE	6	SE	5	SE	4	SE	4	S	6	SE	6	SE	10	SE	8	SE	6	SE	11	SE	9	E	11	E
2	E	7	NE	12	NE	3	E	6	E	6	E	5	E	7	E	9	NE	9	NE	7	E	5	E	5	NE	5	NE	13	NE
3	E	2	SE	2	Calma	1	Calma	1	SW	5	S	2	S	4	W	3	SW	7	SW	14	SW	14	SW	15	SW	15	S	13	S
4	NE	3	SE	4	SE	2	E	3	NE	3	NW	3	NW	4	N	10	NE	11	NE	8	NE	10	NE	11	NE	11	NE	9	NE
5	N	7	NE	5	NE	6	NE	6	NE	10	N	14	N	15	N	20	N	20	N	20	NE	18	NE	14	NE	13	NE	10	NE
6		8	NE	10	NE	8	NE	10	NE	14	NE	12	NE	13	NE	15	NE	26	NE	18	NE	16	NE	16	NE	11	NE	18	NE
7	NE	13	NE	12	NE	11	NE	12	NE	11	NE	11	NE	11	NE	15	NE	21	NE	12	NE	9	NE	8	NE	5	NE	9	NE
8	E	8	NE	9	NE	10	NE	5	NE	6	NE	6	NE	8	NE	14	N	15	N	12	N	6	NE	10	NE	10	NE	8	E
9	E	14	E	15	E	14	E	15	E	17	E	14	E	12	E	21	E	22	E	21	E	20	E	20	E	20	E	17	E
10	E	10	NE	11	NE	10	NE	12	NE	11	NE	12	NE	14	NE	7	E	22	E	16	N	15	N	15	NE	11	NE	16	NE
11	NE	4	NE	10	NE	14	NE	14	NE	13	NE	11	NE	9	S	4	NE	6	NE	6	NE	15	N	19	N	15	N	16	N
12	NE	13	NW	11	NW	6	NW	5	NE	3	Calma	1	Calma	1	NE	2	NE	9	N	15	N	13	NW	10	W	9	W	6	NW
13	NW	2	NW	2	W	3	SW	3	SW	5	S	3	Calma	1	S	2	S	5	S	5	S	6	S	6	SE	5	SE	4	SE
14	E	10	E	9	E	10	E	7	E	9	E	8	E	7	E	12	NE	14	E	14	NE	11	NE	10	NE	14	NE	14	E
15	E	16	E	15	E	13	E	12	E	14	E	10	E	14	E	20	NE	20	NE	16	NE	17	NE	12	NE	14	NE	14	NE
16	SE	4	E	5	NE	14	NE	13	NE	12	NE	12	NE	15	NE	15	NE	25	NE	18	NE	18	NE	16	NE	17	N	18	N
17	[illegible]	6	E	4	E	6	E	5	NE	6	E	4	NE	7	NE	11	NE	11	NW	10	NW	5	NW	6	NW	6	SE	10	W
18	NW	2	S	4	E	4	NE	2	Calma	0	SW	3	S	4	Calma	1	NE	3	N	6	N	5	N	11	N	3	NE	8	N
19	SE	7	E	6	SW	3	SW	7	S	4	E	7	S	9	S	11	S	23	S	15	S	16	S	14	S	15	S	14	S
20	S	5	S	5	S	5	S	4	S	4	S	4	S	5	S	9	SE	8	SE	8	SE	9	SE	8	E	9	E	7	E
21	E	9	E	5	E	9	NE	7	NE	7	NE	6	NE	10	NE	17	NE	29	NE	24	NE	20	NE	16	NE	18	NE	15	NE
22	N	3	NE	12	NE	13	NE	13	NE	10	NE	9	NE	13	NE	18	N	17	N	16	N	13	N	12	NE	8	NE	8	NE
23	NE	6	NE	6	NE	6	NE	3	NE	9	NE	7	NE	7	NE	11	NE	12	NE	12	NE	9	NE	9	N	6	N	9	N
24	E	6	NE	9	NE	10	NE	10	NE	8	NE	7	NE	8	NE	11	NE	13	E	8	E	8	NE	13	NE	12	NE	13	NE
25	SE	3	SE	5	E	7	NE	11	NE	16	E	5	E	9	E	6	SE	5	SE	7	SE	8	SE	9	SE	8	E	10	N
26	SE	4	SE	2	Calma	1	E	3	E	3	NE	4	Calma	0	NE	4	N	8	NW	4	NW	7	NW	8	N	10	NW	14	N
27	N	7	N	4	N	6	N	4	N	7	N	8	NW	5	NW	6	NW	7	NW	22	NW	18	NW	12	W	8	W	9	S
28	S	10	S	8	S	12	S	13	S	15	S	13	S	11	S	11	SE	17	SE	15	SE	14	SE	17	SE	15	SE	15	S
29																													
30																													
31																													
DIRECCION PREVALENTE	E		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		I
NUMERO DE HORAS	11		10		11		13		15		11		11		12		14		9		10		11		13		13		
PROM. HOR. DE LA VELOCIDAD		7		8		8		8		8		7		8		10		14		13		12		12		11		12	

	16 — 17		17 — 18		18 — 19		19 — 20		20 — 21		21 — 22		22 — 23		23 — 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
LOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
16	E	13	E	12	E	9	E	10	E	8	E	8	E	6	E	6	SE	12	9	23	SE	22.51
4	E	5	NE	14	NE	8	E	7	E	5	E	6	E	3	E	2	E	15	7	13	E	1.52
14	S	11	E	16	E	16	E	15	E	13	E	11	SE	6	SE	5	E SW S	6	9	28	S	11.59
20	NE	17	NE	16	NE	12	NE	9	E	6	E	7	NE	8	NE	7	NE	15	8	16	NE	17.24
8	NE	9	E	8	E	6	E	10	E	10	E	10	E	10	E	11	NE	12	11	21	N	9.11
15	E	12	E	10	NE	7	E	7	E	8	E	8	E	9	NE	11	NE	17	12	22	NE	9.12
13	NE	11	E	12	E	10	E	8	E	7	E	8	E	7	E	8	NE	17	11	15	NE	1.36
7	E	11	E	12	E	9	E	11	E	9	E	10	E	9	E	10	E	11	9	17	N	8.07
12	E	11	E	14	E	13	E	12	E	14	E	14	E	14	E	13	E	24	16	31	E	12.21
17	NE	16	NE	16	NE	9	E	8	E	7	E	6	W	4	Calma	1	NE	14	12	26	NE	8.24
17	NE	14	NE	12	NE	9	W	13	S	8	S	4	N	8	NE	16	NE	15	11	26	W	19.28
3	NW	2	N	5	N	4	NW	4	NW	4	NW	6	NW	3	W	4	NW	11	6	18	NE	9.28
17	E	14	E	14	E	12	E	10	E	10	E	13	E	12	E	13	E	8	7	17	E	17.54
12	E	13	E	11	E	10	E	8	E	10	E	8	E	12	E	17	E	19	11	19	E	23.10
14	NE	12	E	11	E	10	E	7	E	6	E	6	SE	4	SE	4	E	13	12	22	NE	7.56
12	SE	9	S	8	SW	9	SE	6	E	4	E	5	E	5	E	5	NE	11	12	48	SW	14.57
7	S	9	NW	14	S	6	S	4	Calma	1	NE	8	N	7	NW	10	NW	6	7	34	SW	13.37
7	NE	5	NW	6	N	8	E	15	W	4	S	22	S	12	S	9	N	6	6	44	SW	21.02
12	S	13	S	10	S	8	S	7	S	8	S	8	S	6	S	7	S	20	10	28	S	8.05
9	E	11	E	12	E	5	E	6	E	7	E	6	E	5	SE	2	E	11	7	14	SE	10.08
18	NE	14	E	8	E	7	E	6	E	5	E	5	NE	3	N	3	NE	15	12	29	NE	8.23
8	NE	12	NE	12	E	9	E	8	E	9	E	9	E	8	E	8	NE	13	11	18	NE	6.57
10	NE	11	NE	9	E	10	E	11	E	10	E	8	E	7	E	6	NE	14	8	15	NE	15.56
8	NE	10	E	7	E	7	E	6	E	4	SE	4	SE	2	SE	3	NE	14	8	13	NE	11.27
6	E	5	E	6	SE	5	E	7	E	5	E	4	E	4	SE	2	E	12	7	22	N	3.52
13	NE	11	NE	9	NE	7	NE	7	NE	7	NE	6	NE	9	NE	8	NE	10	7	14	N	12.48
8	SW	2	Calma	1	NW	5	N	2	Calma	0	S	2	S	4	S	6	NW N	7	7	26	NW	9.39
14	E	13	E	15	E	14	SE	14	SE	11	SE	11	SE	9	SE	9	SE	13	13	23	SE	19.40
	NE		E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																	Dirección	Horas		36 Km.		
	12		15		15		19		20		19		14		11		NE	218	10	DIRECCIÓN	DÍA	HORA
11		10		11		9		8		7		8		7		7				NE	6	de 8.10 a 8.15

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1					11	115	12	86	1	6								207
2			9	82	15	82												164
3					6	73	3	13	6	58	6	70	1	3			2	219
4	1	10	15	151	3	16	3	9							2	7		193
5	5	89	12	116	7	65												270
6			17	238	7	62												300
7			17	196	7	60												256
8	3	33	10	86	11	107												226
9					24	372												372
10	2	30	14	178	6	69							1	4			1	282
11	5	73	15	170					3	16			1	13				272
12	4	37	4	27									3	19	11	60	2	145
13			1	17	8	98	3	15	6	27	2	8	1	3	2	4	1	173
14			5	63	19	198												261
15			9	135	13	154	2	8										297
16	2	31	11	175	5	24	3	19	1	8	2	21						278
17	1	7	5	43	5	25	1	10	4	26			1	6	6	51	1	169
18	6	36	5	25	2	19			5	51	1	3	1	4	2	8	2	147
19					1	6	1	7	20	219	2	10						242
20					11	86	5	35	8	41								162
21	1	3	15	221	8	57												281
22	5	61	13	145	6	51												257
23	4	33	14	117	6	52												202
24			14	144	7	46	3	9										199
25			3	35	12	74	9	52										161
26	3	31	10	72	2	6	2	6							5	45	2	161
27	7	38							3	12	2	9	3	25	7	75	2	160
28					3	42	13	177	8	93								312
29																		
30																		
31																		
SUMAS	49	512	218	2436	205	1959	60	446	65	557	15	121	12	77	35	250	13	6368
% PREVAL POR VELOCIDAD	8.0		38.2		30.6		7.0		8.7		1.9		1.2		3.9		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		11		10		7		8		8		6		7		1	227

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	5	11	6	2	0	0	2	0
1 - 2	1	10	7	5	3	0	0	2	0
2 - 3	1	11	7	2	2	1	1	1	2
3 - 4	1	13	7	1	2	2	0	1	1
4 - 5	1	15	5	1	3	2	0	0	1
5 - 6	2	11	6	1	5	1	0	1	1
6 - 7	1	11	5	0	6	0	0	2	3
7 - 8	2	12	5	1	5	0	1	1	1
8 - 9	4	14	2	4	2	1	0	1	0
9 - 10	5	9	4	4	2	1	0	3	0
10 - 11	5	10	3	4	2	1	0	3	0
11 - 12	4	11	2	4	2	1	0	4	0
12 - 13	4	13	2	4	1	1	2	1	0
13 - 14	3	13	4	3	2	0	2	1	0
14 - 15	4	11	5	2	2	1	1	2	0
15 - 16	2	12	7	1	3	1	1	1	0
16 - 17	0	12	10	1	3	1	0	1	0
17 - 18	1	7	15	0	2	0	0	2	1
18 - 19	2	6	15	1	2	1	0	1	0
19 - 20	1	2	19	2	2	0	1	1	0
20 - 21	0	1	20	1	2	0	1	1	2
21 - 22	0	2	19	2	4	0	0	1	0
22 - 23	2	3	14	4	3	0	1	1	0
23 - 24	1	4	11	6	3	0	1	1	1
SUMAS	49	218	205	60	65	15	12	35	13
% de frec. por dirección	7.3	32.4	30.5	8.9	9.7	2.2	1.9	5.2	1.9

NUBES, VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Ac	4	Ac 2 Ci 4	6	As 7 Ac 1	8	Sc 6 Ac 1	7	99	98	98
2	Ac 6 Ci 1	7	Ac	7	Ac	4	Claro	0	Claro	0	8	8	7
3	Claro	0	Cu	1	Cu	3	Claro	0	Claro	0	8	8	8
4	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	8
5	Claro	0	Claro	0	Claro	0	Claro	0	Cs	4	9	7	8
6	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
7	Ci	1	Ci	1	Ci	1	Claro	0	Claro	0	8	9	7
8	Ci	1	Ac	4	Sc	6	Sc 2 Ac 1 Cs 5	8	Sc 2 Ac 2	4	9	7	8
9	Ac	3	Ac	6	Sc 5 Ac 2	7	St 7 Ac 1	8	Ac 3 Ci 2	5	8	7	8
10	Sc	6	Sc	7	Cu 2 Ac 1 Cc 2	5	Ci	1	Ci	3	8	9	1
11	Ns	8	Sc	2	Ac	1	Ac 2 Sc 6	8	Ns	8	5	8	[illegible]
12	Ns	8	Sc	8	Sc	8	Sc	8	St	8	4	8	[illegible]
13	Ci	1	Claro	0	Claro	0	Claro	0	Claro	0	8	8	[illegible]
14	Cu	2	Cu	1	Cu	1	Claro	0	Claro	0	8	9	[illegible]
15	Ci	3	Cu	1	Cu	1	Claro	0	Ci	1	9	9	[illegible]
16	Cu	2	Claro	0	Cu 5 Ci 2	7	Sc 2 Ac 1 Ci 1	4	St	4	9	8	[illegible]
17	Cu 2 Cs 6	8	Cs	7	Fst 7 As 1	8	Ns	8	St	8	9	8	[illegible]
18	St	8	St 2 As 6	8	Sc 3 Cs 5	8	Cs	1	Sc	2	7	9	[illegible]
19	Sc	8	St	8	Sc	7	Sc	5	Claro	0	7	7	[illegible]
20	Claro	0	Cu	1	Cu	1	Claro	0	Claro	0	9	8	[illegible]
21	Claro	0	Cu	7	Cu	2	Claro	0	Claro	0	9	7	[illegible]
22	Claro	0	Cu	1	Cu	1	Claro	0	Ci	1	9	8	[illegible]
23	Claro	0	Cu	2	Cu	1	Claro	0	Ci	2	9	8	[illegible]
24	Ci	4	Ci	7	As	8	St	8	St 4 Cs 3	7	9	8	[illegible]
25	Ns	8	Sc 4 Cu 2 Ac 1	7	Ns	8	Ac 3 Sc 4	7	Sc	4	7	7	[illegible]
26	St	8	Cu	5	Cu	4	Claro	0	Claro	0	7	8	[illegible]
27	Sc 2 Ac 3 Cs 3	8	Ac As	8	Ac	3	Cu	1	Claro	0	7	8	[illegible]
28	Ci	3	Ci	2	Ac 1 Ci 2	3	Ac 1 Ci 2	3	Ci	3	9	8	[illegible]
29													
30													
31													
Prom.		4		4		4		3		2			

ADIACIÓN SOLAR

Hora	Bulbos Negro °C	Bulbos Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
9	46.6	26.0	1.67	0	5	5	
10	50.6	29.2	1.74	1	5	5	
12	53.8	32.1	1.76	3	4	5	
14	48.0	30.6	1.41	6	3	5	
15	49.9	29.9	1.63	7	4	5	
9	38.0	24.1	1.13	7	1	5	
10	55.8	30.1	-	5	3	5	
12	32.4	25.1	0.59	8	0	5	
14	54.0	31.6	1.82	4	5	5	
15	52.0	31.4	1.67	3	5	5	
9	50.9	31.2	1.60	0	5	5	
10	54.5	33.9	1.67	0	5	5	
12	55.0	35.0	1.67	1	5	5	
14	47.7	33.3	1.17	3	3	5	
15	51.0	34.0	1.38	3	3	5	
9	48.2	27.9	1.65	0	5	5	
10	50.7	29.6	1.72	0	5	5	
12	53.1	32.0	1.72	0	5	5	
14	53.4	33.2	1.64	0	5	5	
15	53.1	33.3	1.61	0	5	5	
9	50.0	29.5	1.67	0	5	5	
10	53.9	33.0	1.70	0	5	5	
12	56.5	35.7	1.69	0	5	5	
14	55.9	36.5	1.58	0	5	4	B.
15	53.5	35.5	1.46	0	5	3	B.
9	51.6	31.9	1.60	0	5	5	
10	54.0	33.4	1.67	0	5	5	
12	58.3	37.2	1.72	0	5	5	
14	56.6	37.6	1.54	0	5	5	
15	56.5	37.5	1.50	0	5	5	
9	49.9	30.2	1.60	1	5	5	
10	52.7	32.5	1.64	0	5	5	
12	57.7	37.0	1.68	0	5	5	
14	58.5	38.2	1.65	1	5	5	
15	56.5	37.6	1.54	1	5	5	
9	50.5	32.1	1.50	1	5	5	
10	55.0	35.4	1.59	1	5	4	B.
12	52.5	37.5	1.22	4	1	4	B.
14				6	0	3	Am.
15				7	0	3	Am.
9	49.3	30.2	1.55	5	5	5	
10	55.0	32.5	1.83	5	3	5	
12	43.2	30.5	1.03	5	0	5	
14	47.5	33.0	1.18	7	1	5	
15				8	0	4	Am.
9	32.0	25.3	0.54	8	0	5	
10	29.0	24.4	0.37	7	0	5	
12	40.1	28.6	0.93	5	1	4	B.
14	51.5	34.2	1.41	5	4	5	
15	51.9	34.2	1.44	1	5	5	
9				6	0	4	LL.
10	33.4	24.5	0.72	5	0	4	
12	54.8	34.4	1.66	1	5	5	
14	56.9	37.8	1.55	1	5	5	
15	55.0	37.8	1.40	1	5	5	
9				8	0	4	Z.
10				8	0	4	Z.
12				8	0	4	Am.
14	27.0	22.5	0.36	8	0	5	
15	25.1	22.5	0.21	8	0	4	
9	47.9	28.0	1.62	0	5	5	
10	51.2	30.9	1.65	0	5	5	
12	54.6	34.5	1.63	0	5	5	
14	55.5	35.7	1.61	0	5	5	
15	52.7	34.7	1.46	0	5	5	
9	48.2	28.7	1.58	3	5	5	
10	49.6	29.6	1.63	3	5	5	
12	52.5	32.4	1.63	0	5	5	
14	53.1	33.6	1.58	1	5	5	
15	51.5	33.6	1.46	0	5	5	
9	48.7	29.8	1.54	2	5	5	
10	51.6	31.5	1.63	1	5	5	
12	54.2	34.1	1.63	1	5	5	
14	54.4	35.0	1.58	1	5	5	
15	53.4	34.9	1.50	1	5	5	
9	49.4	31.2	1.48	0	5	5	
10	52.5	33.1	1.58	0	5	5	
12	-	-	-	-	-	-	s/R.
14	45.3	34.3	0.88	7	1	5	
15	33.9	30.4	0.28	7	0	4	

Días	Hora	Bulbos Negro °C	Bulbos Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
17	9	40.9	30.7	0.83	8	2	5	
	10	38.4	31.6	0.55	8	0	5	
	12	60.5	40.0	1.67	8	4	5	
	14				8	0	4	LL.
	15				8	0	4	Am.
18	9	35.6	27.4	0.67	8	0	5	
	10	36.1	27.4	0.71	8	0	5	
	12	38.9	27.3	0.94	8	4	5	
	14	53.0	32.2	0.69	8	4	5	
	15	36.4	28.5	0.64	8	0	5	
19	9	34.5	21.7	1.04	8	0	5	
	10	27.4	20.1	0.59	8	0	5	
	12	39.4	23.5	1.29	8	0	5	
	14	41.6	26.0	1.27	7	1	5	
	15	33.7	24.1	0.78	8	0	5	
20	9	43.0	22.5	1.67	0	5	5	
	10	46.1	24.2	1.78	1	5	5	
	12	46.7	25.8	1.70	1	5	5	
	14	46.9	26.9	1.63	1	3	5	
	15	45.0	26.8	1.48	0	5	5	
21	9	46.2	26.5	1.60	1	5	5	
	10	48.0	27.9	1.63	0	5	5	
	12	49.6	30.1	1.58	6	1	5	
	14	49.8	30.7	1.55	2	5	5	
	15	49.2	30.2	1.54	1	5	5	
22	9	46.4	27.4	1.54	0	5	5	
	10	50.0	29.6	1.66	1	5	5	
	12	53.4	33.9	1.58	1	5	5	
	14	53.5	33.6	1.62	1	5	5	
	15	52.6	33.9	1.52	1	5	5	
23	9	49.5	30.8	1.52	0	5	5	
	10	53.3	33.7	1.59	0	5	5	
	12	56.5	36.3	1.64	2	5	5	
	14	56.3	36.9	1.58	1	5	5	
	15	53.9	36.6	1.41	1	5	5	
24	9	49.5	31.9	1.43	5	5	5	
	10	53.5	34.6	1.54	6	5	5	
	12	55.5	36.9	1.51	7	4	5	
	14	42.7	33.0	0.79	8	0	5	
	15	37.5	31.2	0.51	8	0	5	
25	9	35.5	24.8	0.87	8	1	2	
	10	50.3	29.5	1.69	6	4	4	B.
	12	47.5	30.0	1.42	7	3	5	
	14				8	0	4	LL.
	15				8	0	4	LL.
26	9	36.0	26.2	0.80	8	0	5	
	10	36.2	26.9	0.76	6	2	5	
	12	39.6	29.7	0.80	5	3	5	
	14	53.9	34.5	1.58	4	3	5	
	15	53.2	34.5	1.52	3	3	5	
27	9	44.1	30.0	1.15	7	1	5	
	10	39.1	28.2	0.89	8	0	5	
	12	39.2	29.3	0.80	8	0	5	
	14	56.4	36.8	1.59	3	3	5	
	15	-	-	-	-	-	-	s/R.
28	9	45.4	26.0	1.58	1	5	5	
	10	43.9	27.0	1.37	2	5	5	
	12	50.5	30.7	1.61	1	5	5	
	14	48.1	30.8	1.41	3	3	5	
	15	49.6	31.2	1.50	5	5	5	
29	9							
	10							
	12							
	14							
	15							
30	9							
	10							
	12							
	14							
	15							
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

días \ horas	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H. EFECTIVA	H. TEÓR. ASTRON.	H. RELATIVA
1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6				9.8	13.6	72
2	0.2	1.0	0.9	0.7	0.8	0.9	0.3	0.2	1.0	1.0	1.0	1.0	1.0	0.3	10.3	13.6	76
3	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.6	92
4	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.7	13.6	93
5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.3	13.5	91
6	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.5	93
7	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.5	93
8	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9		0.1	0.6	1.0	0.1		8.8	13.4	66
9		1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.8	0.9	0.5				8.4	13.4	63
10		0.7	0.3	0.5		0.1	0.8	1.0	1.0	1.0	1.0	1.0	0.9		8.3	13.4	62
11		0.2			0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.6			6.7	13.3	50
12															0.0	13.3	00
13	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.3	94
14	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	13.2	94
15	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.2	95
16	0.1	0.6	0.8	1.0	1.0	1.0	1.0	1.0	0.7	0.3	1.0	1.0	0.4		9.9	13.2	75
17	0.1	1.0	1.0	1.0	0.5	0.9	1.0	1.0	0.1						6.6	13.1	50
18									0.1	0.8	1.0	1.0	1.0	0.4	4.3	13.1	33
19		0.5	0.2	0.6	0.4	0.4		0.6	0.9	0.3	0.5	0.8	0.5	0.1	5.8	13.1	44
20	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.2	13.0	94
21		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.1	13.0	93
22	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.3	13.0	95
23	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.2	12.9	95
24	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0							7.1	12.9	55
25					0.9	0.4	1.0	0.6					0.2	0.1	3.?	12.9	25
26					0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9		8.5	12.8	66
27		0.7	1.0	0.9	0.3	0.2		0.7	1.0	1.0	1.0	1.0	0.7		8.5	12.8	66
28		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.7	12.8	91
29																	
30																	
31																	
Medias	0.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.2	9.5	13.2	72

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	22.0	28.4	25.6	22.3	26.2	25.4	23.1	23.4	24.2	24.4	23.9	24.2	27.1	26.8	26.4
2	22.2	26.1	24.8	22.2	24.6	24.6	22.6	23.0	23.6	24.0	23.6	23.8	26.6	26.4	26.2
3	22.4	29.2	25.6	22.2	26.6	25.3	22.5	23.2	24.0	23.6	23.4	24.0	26.2	26.1	26.1
4	21.7	28.9	25.4	21.9	26.3	25.2	22.4	23.1	24.2	23.6	23.4	24.1	26.2	26.1	26.1
5	21.8	39.1	26.6	22.2	26.6	25.9	22.6	23.2	24.3	23.7	23.6	24.0	26.3	26.2	26.1
6	23.3	30.1	27.1	23.1	27.3	26.4	23.0	23.9	24.9	24.0	23.9	24.6	26.3	26.3	26.4
7	24.2	31.2	28.0	24.0	28.3	27.2	23.8	24.4	25.6	24.5	24.4	25.1	26.7	26.7	26.7
8	24.7	30.4	27.8	24.5	27.9	26.9	24.4	24.8	25.4	25.1	24.9	25.3	27.2	27.1	27.1
9	25.1	29.3	26.8	24.7	27.2	26.2	24.4	24.8	25.2	25.1	25.0	25.2	27.2	27.2	27.1
10	24.8	27.8	27.0	24.5	26.0	26.2	24.1	24.2	24.8	24.7	24.6	24.7	27.1	27.0	26.9
11	24.5	28.6	27.0	24.2	26.8	26.4	23.9	24.0	24.8	24.5	24.4	24.6	26.9	26.8	26.7
12	23.9	24.4	24.5	23.6	24.0	24.1	23.4	23.2	23.2	24.1	23.8	23.6	26.6	26.4	26.2
13	22.7	29.0	26.0	22.7	26.7	25.6	22.5	23.1	24.2	23.3	23.2	23.8	26.0	25.9	25.9
14	23.2	28.9	26.4	23.0	26.8	26.0	22.9	23.5	24.4	23.7	23.6	24.1	26.1	26.1	26.1
15	23.8	29.5	27.1	23.7	27.2	26.5	23.4	24.0	24.8	24.1	24.0	24.5	26.4	26.3	26.4
16	24.5	29.8	27.2	24.3	27.5	26.6	23.9	24.4	25.1	24.5	24.4	24.8	26.6	26.6	26.6
17	25.0	29.2	26.5	24.7	27.7	26.0	24.2	24.6	24.8	24.7	24.4	24.8	26.7	26.7	26.7
18	24.8	26.6	26.1	24.5	25.6	25.7	24.0	24.2	24.5	24.6	24.5	24.5	26.8	26.8	26.7
19	22.6	25.0	23.0	22.9	24.0	23.3	22.9	22.8	23.0	23.9	23.5	23.4	26.4	26.2	26.0
20	19.2	25.1	21.8	19.8	23.4	22.8	20.7	21.1	22.3	22.3	22.0	22.1	25.6	25.2	25.1
21	22.0	24.4	23.6	20.6	23.6	23.3	20.8	21.2	22.1	22.0	21.9	22.4	24.1	24.9	24.9
22	21.0	27.2	24.9	21.0	24.9	24.4	21.0	21.6	22.8	22.1	22.0	22.6	24.9	24.8	24.9
23	22.2	28.2	26.3	22.1	25.9	25.4	22.0	22.6	23.6	22.8	22.7	23.3	25.2	25.2	25.3
24	23.9	29.0	27.0	23.5	26.8	26.1	22.9	23.6	24.3	23.4	23.5	24.0	25.7	25.7	25.8
25	24.6	27.1	25.0	24.2	25.8	24.6	23.5	23.6	23.6	24.0	23.8	23.8	26.1	26.0	26.0
26	24.0	28.0	26.9	23.6	26.2	26.2	22.9	23.4	24.3	23.4	23.5	23.9	25.9	25.9	25.9
27	24.3	27.8	26.0	24.1	26.0	26.3	23.6	23.8	24.5	24.0	24.0	24.2	26.1	26.1	26.1
28	23.0	26.8	24.2	23.2	25.4	24.4	23.2	23.0	23.5	23.9	23.4	23.6	26.2	26.0	25.9
29															
30															
31															
Prom.	23.3	28.4	25.9	23.1	25.1	25.5	23.0	23.4	24.1	23.9	23.7	24.0	26.3	26.2	26.2

LUVIA, ESTADO DEL SUELO, ETC...

AS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1	7.5	7.6	6.8	5.1	1	1.3	1.8	1.6	4.4	LL.15	10.9	9.4	15.2	16.0		9442
2					0	1.0	1.4	1.8	3.5							9445
3					0	0.3	3.1	3.1	7.3							9450
4					0	1.1	2.4	3.0	6.7							9456
5					0	1.3	3.3	3.0	8.7							9456
6					0	2.4	3.8	3.8	9.5	LL.16	5.2	5.1	15.8			9467
7					0	1.9	2.7	3.3	7.4							9471
8					0	1.4	3.3	2.4	8.1							9476
9	0.0	0.0	0.0	0.0	0	2.4	2.3	2.2	6.7							9481
0					0	2.2	2.0	2.8	6.9							9487
1	0.0	0.0	0.0	0.0	0	2.1	2.1	3.0	5.6							9492
2	23.5	25.0	22.9	20.6	2	0.5	0.4	0.5	1.3							9499
3	0.9	0.4	0.4	0.3	1	0.4	2.6	2.6	6.2	LL.17	16.7	13.7	15.4			9501
4					1	1.0	1.7	1.8	5.3							9505
5					0	1.8	2.0	2.1	5.1							9501
6					0	1.0	2.4	1.8	5.2	LL.18	13.6	25.6	15.3			9516
7	0.0	0.0	0.0	0.0	1	1.0	2.4	1.2	4.7							9520
8	9.9	10.0	8.7	7.9	1	1.1	1.3	1.6	3.7							9526
9					0	0.8	1.3	1.7	4.5							9529
0					0	1.5	1.7	1.3	4.0							9535
1					0	1.0	2.1	2.1	4.8							9539
2					0	0.6	2.0	2.3	4.8	LL.19	6.9	6.1	14.6	15.5	13.2	9544
3					0	0.5	2.4	2.8	6.2							9548
4					0	1.0	2.3	1.5	4.6							9555
5	7.2	8.2	7.3	7.0	2	0.8	0.6	0.2	1.0							9564
6	10.3	10.3	7.2	10.2	1	0.2	1.3	1.5	3.4	LL.20	7.8	7.8	12.3			9566
7					0	0.6	2.1	2.0	5.2							9565
8					0	1.1	2.8	2.5	7.0							9560
9																
0																
1																
om.	59.3	61.5	53.3	51.1	-	1.2	2.1	2.1	5.4	-	-	-	-	-	-	9507

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
.7	26.5	26.1	24.4	24.5	24.5	21.6	19.5	9.2	Ca. m., Cn. t. y n., r. m.
.1	26.2	25.8	24.4	24.5	24.5	21.7	19.5	8.4	Cn. m. y t., Ca. n., B. t. y n.
.8	25.9	25.7	24.8	24.4	24.3	21.7	19.5	10.9	Ca. m. t. y n., r. m., B. t.
.0	25.9	25.6	24.3	24.3	24.4	21.8	19.6	7.2	Ca. m. t. y n., r. m., B. t.
.9	25.9	25.7	24.5	24.5	24.5	21.8	19.5	7.6	Ca. m. t. y n., B. t.
.1	26.1	25.9	24.2	24.3	24.3	21.9	19.6	12.5	Ca. m. t. y n.
.2	26.3	26.1	24.2	24.3	24.3	21.9	19.6	14.4	Ca. m. t. y n., B. t. y n.
.5	26.5	26.4	24.3	24.3	24.3	21.9	19.7	14.8	Ca. m., Cn. t. y n.,r. m.,B.Ru.CH. t.
.6	26.6	26.5	24.3	24.4	24.3	21.9	19.7	18.4	Ca. m., Cn. t. y n., B. t.
.6	26.5	26.4	24.4	24.4	24.4	21.9	19.7	18.0	Cn. m. y t., Ca. n., Z. m., B. t.
.4	26.4	26.2	24.4	24.4	24.5	22.0	19.7	-	Cn. m. y n., Ca. t., Z.LL. m., Ru. t.
.0	25.9	25.6	24.5	24.5	24.5	22.0	19.8	19.5	Cn. m. t. y n., LL. m.
.4	25.4	25.2	24.5	24.6	24.5	22.0	19.9	13.5	Ca. m. t. y n.
.5	25.5	25.4	23.4	24.4	24.4	22.2	19.9	15.1	Ca. m. t. y n., r. m., B. t.
.8	25.8	25.7	24.7	24.4	24.4	22.0	19.8	18.2	Ca. m. t. y n., B. t.
.1	26.1	26.0	24.4	24.4	24.4	22.1	19.9	17.4	Ca. m., Cn. t. y n., CH. t. y n., R. n.
.3	26.2	26.1	24.4	24.6	24.5	22.2	19.9	17.8	Cn. m. t. y n., LL.CH. t., B. t.
.2	26.2	26.1	24.5	24.5	24.4	22.1	20.1	-	Cn. m. y t., Ca. n., r. m.
.9	25.8	25.4	24.4	24.4	24.3	22.2	20.0	12.2	Cn. m. y t., Ca. n.
.2	25.2	25.2	24.1	24.3	24.2	22.2	20.0	3.1	Ca. m. t. y n., r. m.
.7	24.7	24.5	24.1	24.3	24.2	22.3	20.0	10.5	Cn. m., Ca. t. y n., r. m.
.6	24.6	24.4	24.1	24.2	24.5	22.4	20.0	8.6	Ca. m. t. y n., r. m., B. t.
.7	24.9	24.7	23.8	24.0	24.0	22.3	20.2	11.1	Ca. m. t. y n., r. m., B. t.
.1	25.3	25.3	23.9	24.0	24.0	22.2	20.1	16.8	Cn. m. t. y n., r. m., B. t.
.6	25.5	25.4	24.0	24.0	24.0	22.3	20.2	-	Cn. m. t. y n., LL. m. y t., B. t.
.2	25.3	25.1	24.0	24.1	24.1	22.3	20.3	19.7	Cn. m. y t., Ca. n.
.2	25.4	25.2	24.0	24.1	24.1	22.3	20.2	17.4	Cn. m., Ca. t. y n., r. m. y n.
.4	25.4	25.3	24.0	24.1	24.0	22.3	20.2	13.5	Ca. m. t. y n., r. m.
.8	25.8	25.6	24.2	24.3	24.3	22.0	19.9	13.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA	
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teóricas Astronómicas
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos	
1ª	57.4	63.5	4	9	51.7	10	18	22.6	30.4	16.2	34.3	8	12-13	11.1	4	6	10.8	13.5
2ª	56.3	65.5	20	9-10	49.4	11	19	22.4	28.5	17.3	34.9	17	12-13	6.9	20	6	8.3	13.2
3ª	57.0	64.1	28	21-23	50.2	26	18	23.1	29.2	18.0	32.6	27	15-16	13.3	22	1-2	9.4	12.9
MES	56.9	65.5	20	9-10	49.4	11	19	22.7	29.4	17.1	34.9	17	12-13	6.9	20	6	9.5	13.2

DÉCADA	HUMEDAD DEL AIRE								VIENTO											LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora						
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	59	100	3	14	6	11.3	17.0	4.8	E	10	36	5,6,9	26	6	8-9	31	E	9	12.21	7.6	7.6	1	-	-	
2ª	70	98	13	26	13	13.7	18.5	6.6	E	10	36	16, 18, 19	25	16	8-9	48	SW	16	14.57	35.4	25.0	12	9.5	17	1
3ª	70	98	25	27	28	14.2	19.5	7.0	NE	11	36	21	29	21	8-9	29	NE	21	8.23	18.5	10.3	26	4.0	25	1
MES	66	100	3	14	6	13.0	19.5	4.8	NE	11	36		29	21	8-9	48	SW	16	14.57	61.5	25.2	12	9.5	17	1

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. EL	
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos
1ª	6	8	-	-	-	-	-	-	1	-	1	-	-	-	-	1
2ª	8	3	-	-	-	-	-	2	-	-	2	-	-	-	-	1
3ª	5	4	-	-	-	-	-	1	-	-	-	-	-	-	-	-
MES	19	15	-	-	-	-	-	3	1	-	3	-	-	-	-	2

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	4	-	-	-	-	-	-	-	-	-	-	7	3	-	10	-
2ª	3	-	-	-	-	-	-	-	-	-	-	4	6	-	7	-
3ª	7	-	-	-	-	-	-	-	-	-	-	7	1	-	7	-
MES	14	-	-	-	-	-	-	-	-	-	-	18	10	-	24	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

l. V MARZO 1950 N.° 3

RESUMEN MENSUAL

Ya el 1° en un ambiente polar marítimo se registra la presión más alta del mes con 764.0 mm. Al bajar desde el N aire de origen tropical el Observatorio se encuentra en los días siguientes en una zona frontal entre estas dos masas de aire, lo que da origen a lluvias extremadamente intensas (más de 100 mm el día 3) y a falta de brillo solar durante cuatro días. Recién el 5 el cielo aclara completamente. El buen tiempo reinante hace que la temperatura alcance y sobrepase el valor normal. Un nuevo avance de aire fresco que ocasiona lluvias el día 9, es desplazado al día siguiente por un empuje de aire tropical.

Los primeros días de la segunda década se caracterizan por el predominio de aire de origen tropical en toda la Pvcia de Buenos Aires. En esta aeromasa la temperatura y tensión del vapor acusan sus valores máximos mensuales con 32.0°C y 21.0 mm respectivamente. El tiempo caluroso y verdaderamente estival se mantiene durante ocho días,con temperaturas de hasta 4.0°C sobre la normal, finalizando este proceso en la tarde del 17, día en que un frente frío provoca en la columna térmica un descenso de unos 15.0°C en diez horas. En los tres últimos días de la década reina tiempo bueno, fresco y seco; la temperatura y humedad registran entonces los valores más bajos del mes. El 18 la tensión del vapor es de 4.8 mm y la humedad relativa del 24%; el día 20 la temperatura marca 6.7°C.

En los primeros días de la última década el buen tiempo reinante y el cambio de la dirección del viento al sector N aumentan rápidamente la temperatura y humedad. Por la tarde del 24 pasa un frente frío el Río de la Plata seguido por un empuje aún más potente de aire de origen polar que llega al Observatorio el 27 provocando lluvias este día y el siguiente. Antes del pasaje de este frente desciende la presión atmosférica hasta su nivel mínimo mensual de 748.6 mm. En este régimen de aire polar termina el mes con buen tiempo y temperaturas por debajo de su valor normal.

El rasgo más característico de los valores mensuales es el exceso de lluvia en más de 50 mm. Los demás elementos no difieren mayormente de su importe medio, excepción hecha de la presión atmosférica a la que le falta 1.0 mm para alcanzarlo.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	116	134	140	96	125	26	102	172	122	143	119	111	90	61	52
2	-	-	-	-	-	-	-	-	- 6	3	- 6	6	38	143	105
3	52	64	47	52	61	73	61	70	-132	131	-	-	-	-	-
4	105	-75	-45	-192	-	-	-222	-156	±	-219	87	96	±	±	-
5	23	23	20	32	29	35	47	47	29	35	29	38	47	55	52
6	47	47	38	29	26	20	29	67	58	29	55	50	44	47	44
7	6	12	29	23	23	35	32	41	58	61	64	64	52	47	55
8	44	44	41	50	50	50	52	73	73	61	52	50	50	50	58
9	-	-	-	-	-	-	-	-81	±	±	±	114	61	67	58
10	47	67	64	52	52	58	67	79	41	47	50	52	52	58	52
11	23	23	18	23	41	35	32	47	32	38	35	35	-	-	-
12	3	9	12	18	15	18	18	15	18	18	12	18	18	18	26
13	35	44	47	58	61	44	41	32	70	44	55	52	52	58	76
14	50	-	-	-	-	-	-	18	38	41	29	29	32	26	15
15	35	41	26	29	26	23	20	29	-	-	35	41	35	29	52
16	-	-	-	-	-	-	-	-	-	-	79	96	76	82	90
17	82	73	67	76	79	79	67	82	82	99	9	102	±	64	29
18	70	70	76	73	64	67	76	76	64	-81	6	41	29	12	3
19	29	26	32	50	58	82	76	96	87	70	-18	-78	-48	-20	-30
20	70	82	79	67	52	70	82	119	122	111	99	90	93	93	93
21	87	84	87	76	73	55	73	105	105	160	99	119	116	41	70
22	105	90	87	93	82	87	93	105	79	29	44	52	-15	23	47
23	70	73	67	73	79	87	87	90	9	-36	-105	-246	-84	-48	-150
24	90	93	87	93	90	102	108	84	41	38	47	47	70	73	50
25	3	23	15	12	23	29	38	58	61	52	47	55	61	52	55
26	76	82	76	93	160	58	73	128	73	90	119	140	99	90	76
27	±	-	41	52	35	±	±	±	140	122	58	125	146	119	38
28	±	±	99	±	±	±	82	105	122	160	137	116	99	114	116
29	70	58	67	70	76	76	87	105	122	157	151	131	111	111	99
30	70	70	76	70	67	70	82	116	111	122	122	105	87	73	87
31	105	116	102	93	73	67	90	108	93	96	96	99	108	111	105
Prom.	51.1	54.7	54.2	54.6	59.3	51.4	59.5	79.9	74.3	73.0	72.0	74.4	63.5	60.4	64.8

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	1.86	1.88	3.74	1.00	2.78	3.52	6.30	0.76	0.24	0.23	0.47	1.04	0.37	0.37	0.74	1.00
2	3.48	4.41	7.89	0.78	8.93	8.69	17.62	1.03	0.42	0.47	0.89	0.89	1.13	1.07	2.20	1.06
3	-	-	-	-	-	-	-	-	0.53	1.65	2.18	0.32	1.29	1.59	2.88	0.81
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	0.83	1.25	2.08	0.66
6	-	-	-	-	8.06	14.47	22.53	0.56	0.44	0.60	1.04	0.73	0.55	0.47	1.02	1.17
7	13.57	7.04	20.61	1.94	3.74	4.49	8.23	0.82	0.61	0.76	1.37	0.80	0.59	0.60	1.19	0.98
8	-	-	-	-	3.44	5.86	9.30	0.59	0.78	1.01	1.79	0.77	0.97	0.99	1.96	0.98
9	-	-	-	-	-	-	-	-	0.30	0.19	0.49	1.58	0.23	0.18	0.41	1.28
10	-	-	-	-	-	-	-	-	1.20	1.25	2.45	0.96	1.48	1.47	2.95	1.01
11	-	-	-	-	4.42	6.52	10.94	0.69	1.15	1.20	2.35	0.96	0.60	0.82	1.42	0.73
12	-	-	-	-	6.24	9.05	15.29	0.70	1.17	1.05	2.22	1.11	1.38	1.35	2.73	1.02
13	3.25	5.74	8.99	0.58	-	-	-	-	0.48	0.45	0.93	1.07	1.64	1.43	3.07	1.15
14	2.88	6.56	9.44	0.44	2.40	7.05	9.45	0.34	0.50	0.46	0.96	1.09	0.40	0.39	0.79	1.02
15	-	-	-	-	5.06	8.04	13.10	0.63	0.62	0.69	1.31	0.90	0.71	0.80	1.51	0.89
16	-	-	-	-	-	-	-	-	1.60	1.63	3.23	0.98	2.05	1.82	3.87	1.13
17	-	-	-	-	-	-	-	-	1.44	1.07	2.51	1.34	0.97	1.28	2.25	0.76
18	2.62	3.82	6.44	0.70	10.31	9.08	19.39	1.14	0.75	0.92	1.67	0.82	0.84	1.00	1.84	0.84
19	4.84	6.55	11.39	0.74	5.89	11.60	17.49	0.51	1.18	1.23	2.41	0.96	1.11	1.02	2.13	1.09
20	3.42	4.28	7.70	0.82	6.16	13.35	19.51	0.46	0.86	0.97	1.83	0.89	1.59	1.57	3.16	1.01
21	-	-	-	-	4.17	5.30	9.47	0.79	0.39	0.38	0.77	1.03	0.84	0.85	1.69	0.99
22	3.66	6.10	9.76	0.59	6.72	11.27	17.99	0.60	0.99	0.95	1.94	1.04	1.42	1.47	2.89	0.97
23	2.43	5.83	8.26	0.41	-	-	-	-	0.96	1.37	2.33	0.70	1.96	1.82	3.78	1.08
24	4.90	6.23	11.13	0.78	3.73	4.54	8.27	0.80	1.20	1.23	2.43	0.98	1.00	0.87	1.87	1.15
25	-	-	-	-	-	-	-	-	1.44	1.29	2.73	1.12	1.89	1.74	3.63	1.09
26	-	-	-	-	-	-	-	-	0.85	0.88	1.73	0.97	1.64	2.16	3.80	0.76
27	1.74	4.38	6.12	0.40	-	-	-	-	0.56	0.66	1.22	0.85	1.08	0.83	1.91	1.30
28	3.50	5.90	9.40	0.58	2.96	5.56	8.52	0.53	0.81	0.80	1.61	1.01	0.51	0.75	1.26	0.68
29	4.10	4.41	8.51	0.92	6.59	7.31	13.90	0.90	0.56	0.65	1.21	0.86	1.10	0.98	2.08	1.12
30	3.17	3.17	6.34	1.00	6.16	9.69	15.85	0.65	0.95	0.77	1.72	1.23	1.04	1.21	2.25	0.86
31	4.39	6.29	10.68	0.69	5.56	6.93	12.49	0.80	1.18	0.99	2.17	1.19	1.32	0.98	2.30	1.35
Prom.	3.99	5.16	9.15	0.77	5.44	8.02	13.46	0.70	0.83	0.89	1.72	0.97	1.08	1.11	2.19	0.99

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
134	99	58	52	-	-	-	-	-		≈	- ≈	-	2
84	32	41	47	99	116	105	61	38		169	-48	217	2
-	47	-12	-48	-162	18	15	-114	-210		≈	- ≈	-	3
-	-	20	29	32	35	26	29	38		≈	- ≈	-	3
52	58	58	44	41	41	38	41	47	40.0	105	-21	127	1
44	58	67	52	29	47	35	15	26	41.8	116	-18	134	1
58	82	90	73	29	38	84	58	64	49.1	154	-30	184	1
61	64	55	47	58	50	58	50	29	52.9	122	-42	164	1
64	64	52	52	58	67	64	52	47		≈	- ≈	-	3
52	67	70	64	47	58	35	29	35	54.0	111	-66	177	1
15	50	50	47	26	- 6	12	9	12		96	-36	132	2
47	50	61	26	32	15	18	15	18		128	-48	176	2
99	105	93	82	76	76	73	76	76	63.5	169	12	157	0
9	-	-	-	35	47	26	32	29		116	-84	200	2
82	111	82	50	23	26	15	15	12		201	- 6	207	1
108	102	105	105	105	102	99	99	87		146	41	105	0
76	64	29	38	- ≈	-126	70	73	70		≈	- ≈	-	3
-54	-12	38	44	41	50	50	44	47		105	-292	397	2
29	52	76	93	64	70	87	73	64		140	-283	423	2
79	79	99	82	114	76	67	70	79	86.1	212	15	197	0
96	114	102	125	146	157	146	119	125	103.3	204	-99	303	1
64	79	82	90	79	90	70	90	87	72.4	163	-165	328	1
3	73	99	189	114	44	32	76	84		306	- ≈	-	2
84	84	108	73	79	12	6	-21	-15		169	-276	445	2
52	64	67	105	134	151	134	87	90	61.2	207	-66	273	1
70	70	70	87	134	108	114	96	93	94.8	285	-60	345	1
70	67	70	70	84	105	140	128	± ≈		≈	- ≈	-	3
134	111	111	96	111	87	90	84	70		≈	- ≈	-	3
90	87	87	70	76	70	70	76	76	91.4	192	52	140	0
93	99	93	233	≈	274	146	215	140		≈	50	-	0
99	99	108	111	131	146	≈	≈	239		≈	52	-	3
68.1	77.2	78.3	76.8	80.2	80.2	77.0	67.2	68.9	67.5				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
111	116	82	1.82	2.02	216	352	568	0.61	0.96	-
- 6	6	20	0.18	1.47	457	270	727	1.69	0.41	2.27
-	-	44	-	4.22	700	1421	2121	0.49	0.57	1.94
-48	-90	23	-	-	509	972	1481	0.52	-	2.32
35	41	58	-	4.02	1132	658	1790	1.72	1.09	0.60
67	55	64	1.91	2.18	612	270	882	2.27	0.33	-
61	58	90	2.65	3.57	649	662	1311	0.98	1.30	-
52	52	79	3.10	5.16	670	540	1210	1.24	0.05	0.38
-	180	47	2.94	0.64	700	408	1108	1.72	-	-
50	55	64	4.49	6.29	761	754	1515	1.01	1.02	1.63
35	35	58	2.74	2.74	970	763	1733	1.27	1.49	1.29
12	12	58	0.89	5.28	507	270	777	1.88	-	-
58	52	111	1.61	11.36	436	662	1098	0.66	0.48	0.60
29	23	-	0.74	-	612	540	1152	1.13	0.98	1.15
35	38	119	1.66	5.99	649	408	1057	1.59	1.58	1.47
84	90	90	9.69	11.61	1016	809	1825	1.26	0.39	0.77
-12	180	61	15.06	4.58	861	813	1674	1.06	0.71	0.72
23	29	- 3	1.61	-0.18	815	809	1624	1.01	-	0.75
-38	-82	52	-6.59	3.69	970	1016	1986	0.96	1.47	1.15
93	92	79	5.61	8.32	914	645	1559	1.42	-	1.27
70	90	111	2.31	6.25	324	356	680	0.91	-	2.17
41	50	79	3.23	7.61	1014	861	1875	1.18	0.19	3.22
-84	-270	79	-20.97	7.32	457	591	1048	0.77	-	1.36
50	47	73	3.81	4.55	754	1016	1770	0.74	1.63	2.13
55	52	64	4.73	7.74	918	809	1727	1.13	-	1.26
175	157	70	9.05	8.87	324	457	781	0.71	-	0.41
93	122	70	4.96	4.46	203	214	417	0.95	-	0.93
131	134	111	7.19	4.66	591	356	947	1.66	0.32	-
151	143	82	5.77	5.68	964	645	1609	1.49	0.40	1.26
108	105	105	6.02	7.88	916	1016	1932	0.90	1.11	0.77
96	87	102	6.29	7.82	914	591	1505	1.55	1.72	1.72
53	55	71	2.95	5.37	695	643	1338	1.18	0.87	1.34

COMPONENTE NORTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-38.2	-37.2	-34.2	-32.2	-37.2	-40.2	-45.2	-42.2	-43.2	-38.2	-36.2	-33.2	-37.2
2	-39.2	-39.2	-38.2	-37.2	-41.2	-43.2	-50.2	-49.2	-44.2	-41.2	-36.2	-36.2	-31.2
3	-31.2	-34.2	-32.2	-33.2	-35.2	-40.2	-44.2	-44.2	-41.2	-41.2	-37.2	-36.2	-50.2
4	-74.4	-70.0	-71.1	-72.2	-79.8	-86.2	-97.0	-101.4	-88.4	-81.9	-80.8	-	-66.8
5	-85.2	-77.6	-71.1	-77.6	-81.9	-81.9	-93.8	-86.2	-79.8	-72.2	-	-	-84.1
6	-90.6	-78.7	-75.4	-75.4	-78.7	-78.7	-64.6	-72.2	-86.2	-86.2	-75.4	-57.2	-64.6
7	-67.9	-61.4	-63.6	-61.4	-75.4	-75.4	-89.5	-79.8	-64.6	-53.2	-51.2	-47.2	-47.2
8	-75.4	-73.3	-68.9	-71.1	-80.8	-79.8	-88.4	-84.1	-64.6	-58.2	-57.2	-50.2	-57.2
9	-60.3	-63.6	-42.2	-42.2	-70.0	-68.9	-74.4	-78.7	-72.2	-73.3	-63.6	-64.6	-58.2
10	-56.2	-56.2	-58.2	-56.2	-63.6	-66.8	-64.5	-65.7	-64.6	-59.2	-60.3	-60.3	-58.2
11	-54.2	-54.2	-54.2	-46.2	-61.4	-62.5	-68.9	-67.9	-73.3	-73.3	-58.2	-54.2	-56.2
12	-54.2	-43.2	-54.2	-54.2	-49.2	-64.6	-60.3	-70.0	-65.7	-59.2	-56.2	-50.2	-49.2
13	-47.2	-41.2	-41.2	-42.2	-50.2	-51.2	-57.2	-62.5	-63.6	-60.3	-50.2	-47.2	-51.2
14	-49.2	-49.2	-49.2	-52.2	-57.2	-52.2	-58.2	-62.5	-64.6	-62.5	-45.2	-44.2	-44.2
15	-44.2	-33.2	-39.2	-40.2	-46.2	-50.2	-52.2	-59.2	-58.2	-58.2	-51.2	-40.2	-44.2
16	-38.2	-33.2	-37.2	-33.2	-44.2	-44.2	-46.2	-46.2	-50.2	-44.2	-36.2	-28.0	-39.2
17	-43.2	-42.2	-40.2	-42.2	-50.2	-53.2	-59.2	-57.2	-52.2	-45.2	-43.2	-32.2	-44.2
18	-	-	-	-	-	-	-	-	-56.2	-60.3	-48.2	-49.2	-50.2
19	-50.2	-37.2	-41.2	-57.2	-57.2	-56.2	-92.7	-79.8	-60.3	-59.2	-54.2	-51.2	-50.2
20	-44.2	-44.2	-43.2	-41.2	-52.2	-52.2	-54.2	-56.2	-52.2	-44.2	-40.2	-34.2	-42.2
21	-44.2	-42.2	-38.2	-38.2	-46.2	-48.2	-52.2	-54.2	-54.2	-52.2	-44.2	-39.2	-44.2
22	-42.2	-40.2	-37.2	-38.2	-42.2	-44.2	-46.2	-50.2	-50.2	-46.2	-38.2	-30.2	-34.2
23	-34.2	-34.2	-34.2	-32.2	-40.2	-39.2	-42.2	-46.2	-50.2	-46.2	-34.2	-31.2	-33.2
24	-31.2	-25.7	-18.7	-22.2	-31.2	-30.2	-38.2	-35.2	-34.2	-35.2	-23.4	-19.9	-25.7
25	-31.2	-31.2	-36.2	-34.2	-43.2	-44.2	-51.2	-50.2	-48.2	-48.2	-34.2	-34.2	-34.2
26	-43.2	-41.2	-36.2	-39.2	-42.2	-42.2	-49.2	-52.2	-48.2	-43.2	-34.2	-36.2	-32.2
27	-34.2	-25.7	-32.2	-33.2	-44.2	-44.2	-41.2	-55.2	-54.2	-48.2	-41.2	-38.2	-36.2
28	-42.2	-45.2	-41.2	-45.2	-48.2	-48.2	-57.2	-57.2	-54.2	-56.2	-43.2	-36.2	-33.2
29	-39.2	-39.2	-38.2	-34.2	-41.2	-42.2	-50.2	-50.2	-52.2	-48.2	-38.2	-32.2	-34.2
30	-42.2	-42.2	-37.2	-40.2	-46.2	-41.2	-50.2	-51.2	-52.2	-52.2	-40.2	-36.2	-37.2
31	-36.2	-35.2	-34.2	-37.2	-42.2	-42.2	-46.2	-45.2	-42.2	-32.2	-63.6	-80.8	-64.5
Prom	-47.4	-45.7	-44.6	-45.4	-52.9	-53.8	-59.5	-60.4	-57.6	-55.9	-50.5	-42.4	-47.6
Var.	5.4	7.1	8.2	7.4	- 0.1	- 1.0	- 6.7	- 7.6	- 4.8	- 3.1	2.3	10.4	5.2

COMPONENTE ESTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 5.7	- 2.8	- 2.8	- 4.3	-11.4	-18.5	-14.2	-11.4	-18.5	-14.2	-11.4	-11.4	-11.4
2	- 4.3	- 2.8	- 2.8	- 4.3	-11.4	-18.5	-18.5	-12.8	-14.2	-14.2	- 9.9	-11.4	- 8.5
3	- 2.8	- 1.4	- 1.4	- 2.8	-11.4	-12.8	-11.4	- 5.7	-14.2	- 8.5	-14.2	-12.8	-24.1
4	-30.5	-21.3	-27.9	-31.8	-42.1	-42.1	-25.4	-12.8	- 8.5	4.3	5.7	-	21.3
5	29.9	38.0	39.2	38.0	33.4	31.1	28.8	22.7	27.6	32.3	-	-	28.8
6	38.0	51.0	51.0	46.1	34.6	33.4	59.0	55.0	46.2	33.4	39.2	64.4	75.1
7	47.3	45.0	45.0	40.4	31.1	25.3	27.6	39.2	43.9	51.0	64.4	68.4	71.1
8	53.7	53.7	48.5	47.3	32.3	25.3	31.1	41.5	51.0	48.5	-	-	-
9	48.5	52.3	48.5	48.5	33.4	27.6	31.1	36.9	29.9	25.3	32.3	32.3	28.8
10	57.7	61.7	57.7	56.4	41.5	34.6	39.2	40.4	39.2	36.9	33.4	31.1	31.1
11	53.7	56.4	53.7	49.7	39.2	33.4	32.3	39.2	26.5	24.1	34.6	31.1	36.9
12	39.2	43.9	45.0	43.9	41.5	34.6	41.5	40.4	36.9	34.6	34.6	34.6	38.0
13	36.9	51.0	45.0	41.5	34.6	27.6	32.3	36.9	33.4	25.3	33.4	35.7	36.9
14	47.3	49.7	48.5	46.2	36.9	32.3	33.4	39.2	35.7	33.4	41.5	36.9	39.2
15	39.2	41.5	39.2	29.9	18.5	18.5	19.9	8.5	5.7	- 9.9	8.5	8.5	11.4
16	17.0	18.5	17.0	11.4	- 2.8	- 2.8	- 2.8	2.8	-12.8	- 4.3	2.8	4.3	5.7
17	19.9	22.7	17.0	14.2	2.8	- 8.5	- 7.1	5.7	4.3	4.3	2.8	- 2.3	- 3.5
18	8.5	14.2	12.8	11.4	- 5.7	-	-	-	-11.4	-14.2	- 5.7	- 4.3	- 4.3
19	- 4.3	5.7	5.7	7.1	7.1	5.7	5.7	- 5.7	- 8.5	- 8.5	- 9.9	-14.2	- 2.8
20	- 2.8	7.1	8.5	5.7	-14.2	-17.0	-11.4	- 4.3	- 5.7	- 5.7	- 7.1	- 8.5	- 8.5
21	8.5	11.4	9.9	8.5	14.2	-11.4	-14.2	-14.2	- 2.8	- 8.5	- 5.7	- 9.9	- 7.1
22	5.7	4.3	4.3	2.8	- 7.1	-21.3	-17.0	- 9.9	-19.9	-27.9	-14.2	-14.2	-12.8
23	2.8	4.3	- 1.4	- 2.8	-17.0	-21.3	-21.3	-12.8	-24.1	-27.9	-17.0	-14.2	-19.9
24	- 2.8	2.8	- 4.3	- 9.9	-22.7	-26.7	-24.1	-14.2	-21.3	-22.7	-17.0	-18.5	-17.0
25	- 5.7	- 2.8	- 5.7	- 9.9	-25.4	-27.9	-31.8	-21.3	-26.7	-32.1	-18.5	-22.7	-22.7
26	-14.2	- 8.5	- 8.4	-12.8	-15.6	-17.0	-19.9	-22.7	-30.5	-29.3	-27.9	-32.1	-26.7
27	-12.8	- 2.8	- 4.3	- 7.1	-19.9	-29.3	-24.1	-18.5	-18.5	-19.9	-19.9	-25.4	-22.7
28	- 8.5	- 8.5	- 9.9	-14.2	-25.4	-27.9	-26.7	-19.9	-30.5	-33.4	-26.7	-27.9	-27.9
29	- 7.1	- 5.7	- 8.5	-14.2	-26.7	-34.7	-26.7	-19.9	-26.7	-27.9	-19.9	-22.7	-25.4
30	- 7.1	- 5.7	- 8.5	-11.4	-27.9	-29.3	-27.9	-19.9	-27.9	-32.1	-24.1	-25.4	-25.4
31	- 4.3	- 2.8	- 8.5	- 9.9	-19.9	-29.3	-25.4	-14.2	-26.7	-33.4	-22.7	-25.4	-22.7
Prom	14.2	18.4	16.1	13.3	3.0	- 2.1	1.0	5.6	0.8	- 0.7	2.1	1.5	4.0
Var.	8.5	12.7	10.4	7.6	- 2.7	- 7.8	- 4.7	- 0.1	- 4.9	- 6.4	- 3.6	- 4.2	- 1.7

LÍNEAS CORTAS

-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
7.2	-39.2	-38.2	-40.2	-40.2	-38.2	-38.2	-42.2	-42.2	-40.2	-40.2	-38.5	0
9.2	-43.2	-39.2	-40.2	-39.2	-36.2	-39.2	-39.2	-41.2	-36.2	-36.2	-39.8	0
5.2	-88.4	-86.2	-86.2	-81.9	-80.5	-75.4	-78.7	-73.3	-71.1	-74.4	-57.5	0
5.4	-83.0	-84.1	-92.7	-87.3	-91.6	-94.9	-89.5	-86.2	-85.2	-90.6	-83.9	2
4.1	-81.9	-89.5	-81.9	-90.6	-94.9	-86.2	-86.2	-95.9	-85.2	-81.9	-83.1	1
1.9	-78.7	-75.4	-79.8	-75.4	-86.2	-83.0	-93.8	-78.7	-74.4	-80.8	-78.1	2
4.2	-61.4	-74.4	-68.9	-67.9	-54.2	-73.3	-72.2	-66.8	-61.4	-60.3	-64.7	2
-	-85.2	-86.2	-89.5	-86.2	-78.7	-72.2	-72.2	-68.9	-66.8	-66.8	-73.1	2
5.7	-70.0	-64.6	-71.1	-71.1	-67.9	-62.5	-68.9	-64.6	-58.2	-62.5	-64.9	0
7.9	-67.9	-66.8	-75.4	-75.4	-67.9	-56.2	-57.2	-63.6	-57.2	-58.2	-62.6	1
7.2	-62.5	-63.6	-77.6	-77.6	-68.9	-61.4	-62.5	-58.2	-53.2	-54.2	-61.5	2
5.2	-63.6	-75.4	-38.2	-71.1	-66.8	-64.6	-58.2	-60.3	-62.5	-53.2	-58.3	2
4.2	-68.9	-68.9	-63.6	-61.4	-57.2	-54.2	-50.2	-48.2	-41.2	-36.2	-52.9	1
8.2	-54.2	-70.0	-60.3	-58.2	-47.2	-52.2	-47.2	-54.2	-59.2	-54.2	-54.4	2
8.2	-59.2	-60.3	-57.2	-55.2	-48.2	-54.2	-53.2	-44.2	-42.2	-44.2	-49.4	2
4.2	-46.2	-51.2	-52.2	-50.2	-46.2	-40.2	-44.2	-40.2	-34.2	-34.2	-41.7	2
0.2	-54.2	-54.2	-58.2	-56.2	-44.2	-50.2	-44.2	-44.2	-38.2	-33.2	-47.1	1
4.2	-62.5	-68.9	-70.0	-66.8	-67.9	-54.2	-57.2	-54.2	-48.2	-51.2	-57.4	2
4.2	-54.2	-50.2	-53.2	-42.2	-37.2	-42.2	-38.2	-41.2	-32.2	-28.0	-54.5	2
0.2	-57.2	-54.2	-52.2	-52.2	-48.2	-44.2	-44.2	-40.2	-40.2	-42.2	-45.2	1
2.2	-	-50.2	-53.2	-49.2	-44.2	-46.2	-47.2	-45.2	-43.2	-41.2	-46.5	1
9.2	-44.2	-57.2	-51.2	-44.2	-47.2	-46.2	-36.2	-36.2	-30.2	-34.2	-42.0	1
9.2	-46.2	-50.2	-50.2	-40.2	-42.2	-40.2	-41.2	-46.2	-29.2	-37.2	-40.0	1
2.2	-37.2	-42.2	-34.2	-41.2	-36.2	-34.2	-35.2	-34.2	-28.0	-22.2	-31.1	1
7.2	-44.2	-47.2	-53.2	-48.2	-47.2	-46.2	-42.2	-44.2	-37.2	-39.2	-41.9	1
9.2	-46.2	-52.2	-47.2	-51.2	-52.2	-52.2	-42.2	-43.2	-34.2	-41.2	-43.3	2
5.2	-46.2	-54.2	-46.2	-54.2	-34.2	-39.2	-41.2	-41.2	-38.2	-39.2	-41.9	2
5.2	-46.2	-51.2	-51.2	-51.2	-43.2	-44.2	-45.2	-44.2	-43.2	-45.2	-46.5	0
4.2	-51.2	-48.2	-51.2	-46.2	-48.2	-49.2	-46.2	-47.2	-46.2	-42.2	-43.7	1
1.2	-49.2	-44.2	-43.2	-45.2	-40.2	-39.2	-41.2	-39.2	-37.2	-34.2	-42.3	0
5.4	-67.9	-59.2	-63.6	-62.5	-53.2	-36.2	-51.2	-48.2	-41.2	-35.2	-49.7	2
2.9	-58.6	-60.6	-59.8	-59.6	-55.4	-53.6	-53.8	-52.7	-48.2	-47.5	-52.8	
0.1	- 5.8	- 7.8	- 7.0	- 6.8	- 2.6	- 0.8	- 1.0	0.1	8.6	4.7		

LÍNEAS CORTAS

-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
1.4	- 8.5	- 8.5	-12.8	-18.5	-11.4	-11.4	-19.9	- 9.9	- 7.1	- 7.1	-11.0	0
9.9	-14.2	- 8.5	-11.4	- 9.9	- 7.1	- 8.5	- 7.1	- 7.1	- 1.4	2.8	- 8.9	0
5.7	-34.7	-32.1	-39.7	-42.1	-39.7	-40.9	-37.1	-31.8	-27.9	-26.7	-21.2	1
2.3	34.6	43.9	38.0	35.7	11.4	17.0	25.3	25.3	24.1	28.8	4.5	2
9.2	41.5	46.2	40.4	34.6	21.3	29.9	28.8	26.5	41.5	41.5	33.6	1
8.3	78.3	75.1	59.0	64.4	48.5	35.7	36.9	38.0	46.2	48.5	52.4	2
1.1	72.4	75.1	71.1	59.0	61.7	34.6	32.3	36.9	46.2	47.3	50.3	2
-	32.3	48.5	33.4	28.8	34.6	36.9	34.6	43.9	51.0	49.7	39.7	2
8.8	35.7	36.9	35.7	31.1	33.4	36.9	36.9	40.4	46.2	49.7	36.9	1
7.6	34.6	35.7	34.6	27.6	35.7	34.6	36.9	36.9	48.5	51.0	40.5	0
5.7	38.0	39.2	33.4	35.7	41.5	41.5	39.2	43.9	49.7	47.3	39.7	2
5.9	35.7	34.6	32.3	31.1	29.9	31.1	36.9	39.2	45.0	41.5	37.6	0
8.6	36.9	38.0	33.4	28.8	39.2	39.2	36.9	39.2	48.5	52.3	37.4	0
8.2	39.2	39.2	38.0	29.9	18.5	8.5	18.5	27.6	31.1	33.4	35.1	1
9.9	11.4	8.5	5.7	2.8	7.1	7.1	2.8	9.9	15.6	17.0	14.0	0
8.8	5.7	5.7	5.7	- 4.3	- 2.8	8.5	7.1	9.9	14.2	17.0	4.9	0
8.4	- 3.5	4.5	2.3	- 5.7	3.4	4.5	7.9	4.5	18.0	18.0	4.8	1
8.8	- 2.8	- 5.7	- 7.1	- 8.5	-11.4	- 8.5	2.8	2.8	5.7	7.1	- 0.9	1
4.4	-11.4	-14.2	-11.4	-17.0	-12.8	-19.9	-17.0	-24.1	- 7.1	- 8.5	- 7.1	0
8.8	- 5.7	- 5.7	- 8.5	-17.0	-11.4	- 9.2	- 7.1	- 4.3	- 5.7	2.8	- 6.2	1
9.9	-	- 9.9	-11.4	-18.5	-14.2	-12.8	-12.8	- 7.1	2.8	2.8	- 4.8	1
8.8	-11.4	- 9.9	-17.0	-17.0	-14.2	-11.4	-14.2	-14.2	- 2.8	- 2.8	-10.6	1
5.5	-17.0	-17.0	-19.9	-25.4	-18.5	-12.8	-12.8	- 9.9	- 2.8	- 2.8	-12.8	0
5.5	-17.0	-19.9	-25.4	-27.9	-19.9	-22.7	-25.4	-19.9	-11.4	- 7.1	-17.2	0
5.3	-18.5	-17.0	-25.4	-25.4	-26.7	-25.4	-17.0	-17.0	- 8.5	- 9.9	-19.3	2
5.7	-21.3	-24.1	-25.4	-30.5	-22.7	-26.7	-21.3	-27.9	- 9.9	- 8.5	-21.4	0
5.1	-31.8	-24.1	-29.3	-32.1	-34.1	-21.3	-25.4	-15.6	- 8.5	- 5.7	-20.3	1
5.9	-27.9	-27.9	-29.3	-30.5	-25.4	-26.7	-25.4	-21.3	-14.2	-11.4	-23.1	1
5.3	-22.7	-22.7	-26.7	-27.9	-24.1	-26.7	-19.9	-19.9	-14.2	- 8.5	-20.8	0
5.1	-22.7	-12.9	-19.9	-26.7	-26.7	-24.1	-21.3	-15.6	-11.4	- 7.1	-20.2	0
5.3	-21.3	-19.9	-24.1	-19.9	-21.3	-18.5	-19.9	-14.2	-11.4	- 8.5	-18.5	2
5.9	6.8	8.1	3.8	0.8	1.6	1.1	2.6	- 5.3	12.6	12.7	5.7	
5.8	1.1	2.4	- 1.9	- 4.9	- 4.1	- 4.6	- 3.1	-11.0	6.9	7.0		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15
1	64.0	63.8	63.4	63.4	63.0	63.6	63.5	63.4	63.3	62.7	62.0	61.5	61.2	60.4	59.
2	58.6	58.2	58.0	58.0	58.0	58.1	58.3	58.3	58.3	58.2	58.2	58.2	58.1	57.4	57.
3	58.3	58.1	58.1	57.7	57.6	58.0	58.3	58.4	58.1	58.2	58.0	57.6	57.2	56.8	56.
4	54.6	54.6	54.0	53.3	53.5	53.6	53.8	53.6	53.4	53.0	52.9	52.6	52.5	51.8	51.
5	52.8	52.7	52.7	52.8	53.3	53.6	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.6	54.
6	55.3	55.2	55.3	55.5	55.6	55.9	56.4	56.4	56.5	56.4	56.8	55.8	55.7	55.0	54.
7	54.9	54.9	54.9	54.9	55.1	55.4	56.0	56.2	56.3	56.3	56.0	55.8	55.6	55.0	54.
8	54.6	54.6	54.7	54.6	55.0	55.2	56.0	56.3	56.4	56.5	56.4	56.3	55.9	55.6	55.
9	57.4	56.6	57.1	57.5	58.0	58.7	59.2	59.6	59.6	60.3	59.1	59.1	59.1	59.2	59.
10	59.0	58.5	58.4	58.3	58.5	58.5	58.7	59.1	59.2	59.1	59.1	58.8	58.3	57.7	57.
11	58.5	58.5	58.4	58.6	58.9	59.4	59.6	59.8	59.8	59.8	59.4	59.1	58.5	58.0	57.
12	56.5	56.5	56.5	56.7	57.2	57.8	58.5	58.6	58.6	58.6	58.4	57.5	56.8	56.2	56.
13	55.9	55.8	56.0	56.6	57.2	57.6	58.3	58.6	57.5	57.5	57.3	57.2	57.1	57.0	57.
14	59.5	59.5	59.4	59.4	59.4	59.7	60.1	60.4	60.7	60.7	60.5	60.3	60.0	59.7	59.
15	60.4	60.3	60.3	60.3	60.4	60.5	60.6	60.7	60.8	61.0	60.5	60.2	60.0	59.3	58.
16	58.4	58.3	58.0	58.1	58.2	58.3	58.8	58.8	58.4	57.9	57.1	56.7	56.1	55.2	54.
17	51.3	50.7	50.4	50.2	50.4	50.6	51.0	51.2	51.3	51.2	51.3	51.3	51.0	50.5	51.
18	57.8	58.3	58.2	58.4	58.5	58.8	59.2	59.4	59.3	59.2	59.0	58.9	58.1	57.7	57.
19	57.5	57.4	57.3	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.1	56.4	56.1	55.2	55.
20	55.2	55.3	55.3	55.3	55.4	56.0	56.4	56.8	56.9	56.9	56.6	56.0	55.8	55.0	54.
21	55.9	56.1	56.3	56.5	57.0	57.4	58.2	58.6	58.8	58.8	58.3	58.1	57.8	57.6	57.
22	58.9	58.9	58.9	58.9	59.2	59.8	60.0	60.2	60.4	60.3	60.1	60.0	59.3	59.0	58.
23	59.0	59.0	58.9	58.9	59.4	59.8	59.9	60.4	60.7	60.6	59.9	59.7	59.2	58.5	58.
24	58.2	58.1	57.6	57.6	58.1	58.5	59.3	59.2	59.0	58.8	58.7	57.8	57.6	57.4	57.
25	60.1	60.5	60.7	60.9	61.2	61.8	61.9	62.3	62.3	62.2	62.1	61.3	61.1	60.2	59.
26	56.0	55.8	55.5	55.0	54.8	54.8	55.2	55.3	55.2	55.1	54.9	54.2	53.8	53.6	53.
27	54.0	53.9	53.6	53.8	53.8	54.8	54.1	54.6	53.4	52.3	50.8	50.4	49.6	49.2	48.
28	49.3	48.7	48.9	50.4	49.9	49.6	50.2	50.6	51.9	52.1	52.3	52.5	52.7	53.0	52.
29	56.5	56.5	56.5	56.8	57.1	57.8	58.9	59.4	59.4	59.4	59.2	59.0	58.5	58.4	58.
30	58.0	58.0	57.9	57.8	57.8	58.0	58.1	58.0	58.1	57.8	57.2	56.8	56.0	55.4	55.
31	56.0	56.0	55.9	56.3	56.6	57.1	57.2	57.2	57.2	57.2	57.5	57.2	57.0	56.6	56.
Prom	56.8	56.8	56.7	56.8	56.9	57.3	57.6	57.8	57.8	57.8	57.4	57.1	56.8	56.3	56.

TEMPERATURA DEL AIRE

a la sombra en grados C.

DIAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15
1	16.4	16.1	15.5	14.8	14.5	14.4	15.5	17.8	19.8	21.2	22.2	22.9	23.3	23.0	22.
2	18.7	18.8	18.9	19.0	19.2	19.4	20.0	20.5	20.7	20.7	21.0	21.3	21.4	21.6	21.
3	20.2	20.2	20.3	19.6	19.2	18.6	18.3	17.7	18.4	18.5	17.8	17.9	18.2	18.3	18.
4	16.8	16.6	16.3	16.2	16.0	16.0	16.0	16.1	16.0	16.0	16.5	17.4	17.4	18.1	18.
5	18.3	18.3	18.9	19.1	19.3	19.3	19.5	19.6	19.5	20.0	20.5	21.2	22.0	23.0	22.
6	13.6	13.2	12.7	12.3	11.6	11.4	12.5	18.4	19.6	21.4	24.2	25.4	26.6	27.9	28.
7	19.2	19.1	19.2	18.4	18.4	18.2	18.6	20.9	23.4	25.5	26.4	28.8	29.5	29.9	29.
8	18.5	19.5	18.5	18.4	17.7	17.9	19.4	22.2	24.3	26.1	27.8	29.0	29.6	30.0	29.
9	20.2	20.5	20.6	20.7	19.2	19.0	19.0	19.0	19.4	16.7	16.8	20.2	21.1	22.0	21.
10	19.1	19.3	19.2	19.2	19.2	19.2	20.1	22.3	23.6	25.9	26.7	27.6	28.5	29.4	29.
11	21.2	20.7	20.4	20.6	20.7	20.4	21.5	24.2	25.5	27.4	29.1	29.1	30.1	30.3	30.
12	24.2	24.3	24.3	24.2	23.8	23.4	23.6	24.2	26.4	28.4	29.4	31.2	31.7	31.6	31.
13	23.8	24.0	23.3	23.5	21.5	21.2	21.4	22.8	22.9	25.4	27.7	28.4	28.4	28.2	28.
14	20.3	19.2	18.4	17.7	17.1	16.8	17.2	19.6	21.3	23.5	25.1	26.1	27.0	27.7	26.
15	17.1	18.4	17.8	18.5	19.3	19.8	20.7	23.0	24.6	26.2	27.5	29.1	30.0	30.4	30.
16	22.8	22.6	21.9	21.1	20.9	20.9	21.3	22.6	24.6	26.0	27.1	28.1	28.8	29.6	28.
17	24.1	23.7	23.5	23.0	22.9	22.8	23.1	25.2	26.5	27.4	26.4	26.1	28.3	28.0	25.
18	11.6	10.7	9.8	10.6	10.1	9.7	9.8	12.9	15.0	15.9	17.3	18.5	19.5	20.4	20.
19	11.0	10.8	9.7	8.7	8.2	7.3	8.3	13.5	18.5	21.0	22.4	23.7	24.7	25.0	25.
20	11.8	11.6	10.7	8.5	6.9	6.7	8.1	16.3	20.5	23.6	25.7	27.2	28.3	29.8	29.
21	16.5	16.4	16.3	14.4	13.5	13.0	13.2	15.6	19.5	22.6	24.8	26.7	27.1	27.0	26.
22	18.3	17.9	17.9	17.9	16.9	16.4	16.7	20.0	23.5	25.8	27.9	29.6	30.5	30.3	30.
23	22.1	20.5	19.9	20.0	18.9	18.4	18.6	21.9	24.1	26.8	28.4	29.1	29.9	30.2	30.
24	22.0	20.9	20.0	19.7	18.9	17.8	17.6	19.8	21.8	23.7	24.8	26.3	27.0	28.0	27.
25	18.5	17.2	16.5	16.4	16.2	15.4	15.2	17.6	19.1	20.5	21.7	22.1	23.1	23.7	24.
26	13.4	11.7	11.1	11.0	12.0	12.1	12.9	17.0	19.0	21.1	22.9	23.8	25.5	25.8	26.
27	19.4	17.3	16.5	16.4	16.3	15.5	15.5	15.4	15.4	15.5	16.0	17.5	19.2	20.3	21.
28	16.3	15.3	16.4	14.1	13.7	13.6	13.6	13.6	13.7	14.9	16.6	18.8	19.9	20.2	20.
29	13.8	12.7	11.8	11.2	10.7	9.9	9.3	10.6	14.8	17.0	18.1	19.3	20.1	20.6	20.
30	8.7	8.5	8.6	8.7	8.4	8.2	8.2	15.7	18.3	19.8	21.1	21.8	21.9	22.5	22.
31	15.2	14.6	13.9	12.6	12.5	12.4	12.9	17.4	20.4	21.2	23.2	24.2	24.7	25.1	25.
Prom	17.8	17.5	17.1	16.7	16.2	16.0	16.4	18.8	20.6	22.1	23.3	24.5	25.3	25.7	25.

17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
58.6	58.6	58.4	58.6	58.6	58.7	58.8	58.7	64.0	0,1	58.4	19	5.6	761.1 mm.	1014.8 mb.
57.1	57.2	57.9	58.3	58.4	58.4	58.4	58.4	58.7	0	57.0	15-16	1.7	58.0	1010.6
55.3	55.4	55.5	55.9	55.8	55.8	55.6	55.0	58.4	0,8	55.0	24	3.4	56.9	1009.2
51.7	51.7	51.9	52.4	52.7	52.8	52.9	52.9	55.0	0	51.6	16	3.4	52.9	1003.8
54.3	54.2	54.3	54.5	54.7	55.0	55.1	55.3	55.3	24	52.7	2,3	2.6	54.2	1005.6
54.2	54.1	54.4	54.6	54.9	54.9	55.0	55.0	56.6	9-10	54.1	18	2.5	55.3	1007.0
54.5	54.5	54.5	54.4	54.5	54.5	54.4	54.5	56.3	9,10	54.4	20,23	1.9	55.1	1006.8
55.4	55.5	55.7	56.0	56.6	56.7	57.0	57.5	57.5	24	54.3	3-4	3.2	55.8	1007.7
58.7	58.8	58.7	58.6	58.9	58.9	58.9	59.0	60.4	9-10	56.6	2	3.8	58.7	1011.6
57.0	57.0	57.2	57.8	58.2	58.3	58.3	58.4	59.2	9	57.0	17,18	2.2	58.2	1010.9
56.7	56.4	56.2	56.4	56.5	56.6	56.7	56.7	59.8	8,9,10	56.2	19	3.6	58.0	1010.6
55.5	55.5	56.0	56.2	56.2	56.2	56.4	56.3	58.8	9-10	55.5	17,18	3.3	56.9	1009.2
57.0	57.4	58.1	58.6	59.2	59.3	59.4	59.5	59.5	24	55.8	2	3.7	57.6	1010.1
59.5	59.9	60.3	60.5	60.5	60.5	60.4	60.4	60.7	9,10	59.4	3,4,5	1.3	60.0	1013.3
58.0	57.9	57.9	57.9	58.1	58.2	58.2	58.2	61.1	9-10	57.9	18,19,20	3.2	59.4	1012.5
53.2	53.0	52.8	52.7	52.5	52.1	52.0	51.8	58.8	7,8	51.8	24	7.0	55.7	1007.6
51.5	52.5	53.4	54.8	56.8	57.5	57.5	57.7	57.7	24	50.2	4	7.5	52.4	1003.2
57.0	57.1	57.2	57.3	57.7	57.7	57.7	57.6	59.4	8	56.9	16	2.5	58.1	1010.8
54.3	54.3	54.4	54.9	55.1	55.1	55.1	55.2	57.6	0	54.3	17,18	3.3	56.1	1008.1
54.1	54.1	54.6	54.8	55.1	55.4	55.7	55.8	56.9	9,10	53.9	16-17	3.0	55.5	1007.3
57.5	57.6	57.9	58.0	58.2	58.5	58,8	58.9	58.9	24	55.8	0	3.1	57.7	1010.2
58.6	58.4	58.5	58.8	58.9	58.9	58.9	59.0	60.4	9	58.4	18	2.0	59.2	1012.1
57.6	57.5	57.5	57.5	57.6	57.7	57.8	58.0	60.7	9	57.5	18,19,20	3.2	58.8	1011.7
57.6	57.7	57.8	58.0	58.8	59.4	59.7	59.9	59.9	24	57.2	15	2.7	58.3	1011.0
58.7	58.2	57.6	57.8	57.5	57.2	57.0	56.7	62.3	8,9	56.7	24	5.6	59.9	1013.2
52.8	52.8	53.7	53.9	53.9	53.8	53.6	53.8	56.7	0	52.8	17,18	3.9	54.3	1005.7
48.7	48.8	58.8	49.2	49.7	49.8	49.8	49.6	54.8	6	48.6	16-17	6.2	51.2	1001.6
53.2	53.5	53.8	54.4	54.6	55.4	55.8	55.9	55.9	24	48.7	2	7.2	52.3	1003.0
58.1	58.1	58.3	58.8	58.8	58.9	58.9	58.4	59.5	8-9	55.9	0	3.6	58.3	1011.0
55.1	55.2	55.4	55.6	55.7	55.7	55.8	55.6	58.4	0	55.0	16-17	3.4	56.6	1008.8
56.4	56.8	57.1	57.3	57.2	57.4	57.5	57.6	57.6	24	55.6	0	2.0	56.9	1009.2
55.7	55.8	56.0	56.3	56.5	56.6	56.7	56.7	58.6		55.0		3.6	56.8	1009.0

h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7	22.0	21.4	19.7	19.1	18.8	19.1	19.4	17.8	23.3	13	14.4	6	8.9	19.2
6	21.4	21.2	19.9	19.3	19.5	19.5	19.5	20.1	21.7	15	17.8	0	3.9	20.2
7	18.6	18.4	17.7	17.2	17.1	17.1	17.1	17.0	20.3	3	17.0	24	3.3	18.4
2	18.5	18.5	18.5	18.0	18.0	18.1	18.2	18.1	18.5	17,18	16.0	5,6,7	2.5	17.2
2	22.2	21.8	19.5	17.5	16.5	15.6	14.9	14.5	23.3	14-15	18.1	24	5.2	19.4
8	28.4	26.2	23.3	21.8	21.0	20.1	19.6	19.3	28.8	16	11.4	6	17.4	20.3
4	28.5	26.3	23.8	21.8	21.0	20.4	20.2	19.6	29.9	14	18.2	6	11.7	23.2
9	29.7	27.7	25.9	24.4	23.6	22.3	20.8	19.8	30.0	14	17.7	5	12.3	23.9
7	21.3	20.9	20.1	18.7	19.1	19.1	19.1	18.2	22.0	14	16.3	10-11	5.7	19.8
7	29.0	27.2	24.1	22.8	22.5	22.3	22.2	21.5	29.7	16	18.2	0	11.5	23.8
5	29.8	28.2	25.6	24.6	24.4	24.1	23.9	23.9	30.5	16	20.4	3	10.1	25.3
0	30.7	28.5	26.8	25.3	24.4	24.3	23.7	23.7	32.0	13-14	23.4	6	8.6	26.7
0	27.5	25.7	24.2	23.0	22.4	21.6	21.2	20.5	29.6	11-12	20.5	24	9.1	24.4
2	24.4	22.5	20.7	19.2	18.3	17.4	17.2	17.1	27.7	14	16.8	6	10.9	21.1
1	28.6	26.3	24.6	23.6	23.5	23.5	23.4	22.8	30.4	14	17.1	0,1	13.3	24.1
7	29.1	27.4	25.3	24.2	24.1	24.0	23.8	24.0	29.7	14-15	20.9	5,6	8.8	24.9
3	25.4	23.3	22.2	20.2	18.3	16.3	14.8	12.6	28.6	13-14	12.6	24	16.0	23.1
3	19.9	18.1	15.6	14.7	13.8	12.9	12.2	11.8	20.5	15	9.5	6-7	11.0	14.6
6	24.9	21.6	18.5	15.8	14.1	14.6	13.6	12.7	25.6	16	7.3	6	18.3	16.6
1	27.9	24.4	21.8	20.7	19.2	18.9	18.1	17.2	30.1	16	6.7	6	23.4	19.3
9	23.9	21.9	20.8	19.8	19.6	18.9	18.8	19.0	27.7	12-13	12.8	6-7	14.9	20.0
9	28.9	26.5	23.7	22.6	22.4	21.7	21.6	21.5	30.5	13,15	16.1	6-7	14.4	23.3
5	29.4	26.9	25.0	26.0	26.0	24.8	23.9	22.9	30.8	15	18.4	6	12.4	24.8
9	26.2	24.8	23.1	22.9	22.3	21.2	19.9	19.2	28.3	14-15	17.2	6-7	11.1	22.6
6	23.5	21.4	18.9	16.7	15.9	16.1	15.2	14.0	24.6	16	14.0	24	10.6	18.9
3	25.6	22.5	20.5	19.4	19.2	19.2	19.2	19.1	26.6	15	10.6	3-4	16.0	19.0
8	20.4	19.6	18.3	16.6	16.5	16.2	16.2	16.3	21.1	15	15.4	8,9	5.7	17.4
3	19.2	17.3	16.1	15.2	14.5	14.4	14.5	14.4	20.9	15-16	13.6	6,7,8	7.3	16.2
3	19.6	16.5	14.3	12.4	11.8	10.4	9.7	9.2	20.8	15	9.2	24	11.6	14.4
0	20.5	17.9	16.3	15.3	14.3	14.1	15.3	15.3	22.5	14,15	8.2	6,7	14.3	15.6
5	22.8	19.8	17.1	15.6	14.2	14.1	13.2	12.7	25.1	14	12.1	6-7	13.0	17.9
4	24.8	22.9	21.0	19.8	19.2	18.8	18.4	17.9	26.2		15.1		11.1	20.5

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	61	62	63	69	71	70	66	61	56	54	51	47	44	47
2	75	73	76	82	82	83	82	77	77	76	73	74	67	67
3	75	71	75	81	83	85	85	86	84	92	96	96	95	94
4	96	96	97	97	97	98	98	98	98	98	97	97	96	96
5	91	92	92	89	87	86	84	81	76	75	74	73	69	66
6	100	100	100	100	100	100	100	88	74	67	61	59	52	46
7	88	88	83	83	83	81	79	77	64	56	51	47	45	48
8	86	87	87	88	88	91	75	68	59	56	53	51	49	46
9	89	88	89	87	81	76	75	73	80	97	97	91	71	72
10	91	93	94	95	95	95	91	84	78	68	66	65	61	57
11	95	94	87	83	87	92	88	83	79	75	67	68	62	62
12	79	78	77	76	77	76	74	69	67	63	61	54	56	58
13	75	73	77	76	88	91	89	79	78	65	58	58	57	61
14	93	96	97	98	98	98	93	85	79	66	60	53	52	47
15	94	94	95	95	94	95	94	88	81	76	72	67	68	65
16	74	78	84	87	90	90	89	84	75	72	67	63	62	56
17	77	79	83	85	87	90	86	79	74	71	74	78	66	62
18	63	65	65	60	64	67	66	59	52	48	47	42	36	32
19	62	62	67	68	74	77	68	53	39	34	27	26	25	26
20	69	70	75	86	95	95	95	59	46	41	38	34	32	30
21	71	68	69	79	84	85	84	85	75	62	53	45	51	48
22	81	83	73	75	77	80	79	67	54	50	42	36	31	37
23	55	61	63	63	68	73	72	64	58	50	44	38	39	34
24	49	53	55	58	63	71	71	64	54	51	49	49	47	45
25	79	86	88	87	89	91	87	84	77	71	63	64	59	55
26	95	95	96	96	95	96	96	96	84	71	61	58	48	44
27	70	84	89	85	88	97	96	96	96	96	93	91	86	81
28	95	94	93	91	90	91	93	95	93	87	76	59	53	52
29	70	76	74	76	80	84	84	82	64	59	52	48	46	41
30	92	92	93	88	92	93	93	64	56	52	44	40	40	39
31	78	81	87	93	93	93	83	67	60	57	52	48	46	42
Prom.	80	81	82	83	85	87	84	77	71	66	62	59	55	53

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	8.5	8.5	8.0	8.5	8.5	8.0	8.5	9.2	9.5	9.5	10.0	9.5	9.0	9.8	8.5
2	11.5	11.5	12.5	13.5	13.5	13.5	14.0	13.8	14.0	14.0	13.0	13.5	12.5	12.8	12.0
3	12.5	12.5	12.5	14.0	13.5	13.0	12.5	13.0	13.0	14.5	14.5	14.5	14.0	14.7	13.0
4	13.5	13.5	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.0	13.5	14.0	14.0	14.8	15.0
5	14.5	14.5	15.0	14.0	14.5	14.5	13.5	13.7	13.0	12.5	13.0	13.5	13.0	13.9	13.5
6	11.0	11.0	10.5	10.0	9.5	9.5	10.0	13.9	12.0	12.5	14.0	13.5	13.5	13.0	13.5
7	14.5	14.0	13.5	13.0	13.0	12.5	12.0	14.2	13.0	14.0	13.5	14.0	13.0	15.0	14.5
8	13.5	14.5	13.5	13.5	13.0	14.0	12.0	13.6	13.0	14.5	14.5	15.5	14.5	14.4	15.0
9	15.0	15.5	15.5	15.5	13.5	12.5	11.5	12.0	13.0	13.5	13.5	16.0	13.5	14.2	14.0
10	15.0	15.0	15.0	15.0	15.0	15.0	16.0	16.9	16.5	16.5	17.5	17.0	18.0	17.3	17.5
11	17.0	16.5	15.5	14.5	15.5	16.5	16.5	18.4	17.5	19.5	20.0	20.0	20.0	19.6	18.0
12	17.0	17.5	17.5	17.0	17.0	16.5	15.5	15.5	17.0	18.0	19.0	17.5	20.0	20.3	21.0
13	15.5	16.0	16.5	16.5	16.5	17.0	16.5	16.8	16.0	15.0	15.5	16.5	16.5	17.3	16.5
14	16.0	16.0	15.0	14.5	14.0	13.5	13.5	14.4	14.5	14.5	13.5	14.5	13.5	13.2	16.0
15	13.0	14.5	14.0	14.5	15.0	15.5	16.5	18.2	19.0	19.5	19.5	20.0	20.0	21.0	18.5
16	15.0	15.5	16.0	16.0	16.0	16.0	16.5	17.2	16.5	18.0	18.0	17.5	18.0	17.2	18.5
17	17.0	16.5	17.5	17.0	18.0	18.0	18.0	18.8	18.5	19.5	18.5	19.5	19.0	17.4	15.0
18	6.2	6.0	5.6	5.4	5.6	6.0	6.0	6.6	6.6	6.4	7.0	6.6	6.2	5.8	5.0
19	6.0	6.4	6.0	5.6	5.8	5.8	5.4	6.2	6.0	6.0	5.6	6.0	5.2	6.1	5.4
20	6.8	6.8	6.8	7.2	6.8	6.6	7.4	8.2	8.5	9.0	9.0	8.5	9.0	9.4	8.5
21	10.0	9.0	9.0	9.0	9.5	9.0	9.0	11.2	12.0	12.5	12.0	11.0	13.5	12.7	10.5
22	12.5	12.5	11.0	11.0	11.0	10.5	11.0	11.7	11.0	11.5	11.5	11.5	10.5	11.9	10.5
23	10.0	11.0	10.5	10.5	11.0	11.0	11.5	11.8	12.5	12.5	12.0	11.0	11.5	10.8	10.5
24	9.0	9.5	9.0	9.5	10.0	10.5	10.5	10.9	10.0	11.5	11.0	12.0	12.5	12.8	13.0
25	12.0	12.5	12.0	12.0	12.0	12.0	11.0	12.6	12.5	13.0	12.0	12.0	12.0	12.0	10.5
26	10.5	9.5	9.5	9.5	9.5	10.0	10.5	13.8	13.5	13.5	13.0	12.5	11.5	10.9	9.5
27	11.0	12.0	12.0	11.5	12.0	12.5	12.5	12.5	12.5	12.5	12.5	13.5	14.5	14.4	14.0
28	12.5	12.5	12.5	11.0	10.0	10.5	10.5	11.1	10.5	11.0	10.5	9.0	9.0	9.2	8.5
29	7.8	8.5	7.4	7.6	7.4	7.4	7.2	7.8	7.8	8.0	8.0	7.8	8.0	7.3	6.8
30	7.6	7.6	7.6	7.2	7.6	7.4	7.4	8.6	9.0	9.0	7.8	7.2	7.4	7.7	7.6
31	9.5	10.0	10.0	10.0	10.0	10.0	9.0	9.8	10.0	10.5	11.0	10.5	11.0	9.9	10.0
Prom.	12.0	12.2	11.9	11.8	11.8	11.9	11.8	12.8	12.6	13.1	13.0	13.1	13.0	13.1	12.6

17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
59	64	72	77	84	86	86	94	94	24	43	15	51	64
65	68	77	79	80	85	87	81	94	0	60	16	34	75
73	84	90	94	93	95	95	95	96	11,12	69	16-17	27	86
93	94	90	94	93	93	92	92	98	6-10	90	19	8	96
70	71	84	94	97	98	99	100	100	24	66	14	34	83
47	57	78	89	87	87	88	87	100	0-7	44	16	56	77
51	58	76	84	86	88	88	91	91	24	45	13	46	70
46	48	57	69	75	78	85	88	88	24	46	13,14,17	42	68
81	84	83	83	87	86	87	93	97	10-11	71	13	26	83
54	59	68	88	88	89	90	93	95	4,5,6	53	16-17	42	78
55	67	82	83	82	82	85	86	95	1	55	17	40	78
56	65	69	78	77	79	83	83	86	0	54	12	32	70
61	68	78	80	79	84	90	92	92	24	57	13	35	74
70	75	83	85	92	94	94	95	98	4,5,6	47	14	51	81
68	76	79	86	87	88	90	90	95	0,3,4,6	52	15-16	43	82
58	67	77	83	85	87	88	78	90	0,5,6	56	14	34	76
44	37	38	39	41	42	48	60	90	6	37	18	53	65
26	31	40	44	47	51	56	59	69	6-7	24	16-17	45	49
28	34	46	57	64	62	64	65	77	6	24	15	53	49
37	63	67	65	72	75	75	72	96	6-7	24	16	72	60
55	70	78	77	80	80	80	76	85	6,8	39	12-13	46	69
39	54	66	55	63	57	74	59	85	1-2	31	13,15	54	58
37	45	53	35	36	41	46	45	74	6-7	31	15-16	43	49
57	67	68	68	69	65	67	74	74	24	45	0,14	29	59
50	65	78	83	83	88	93	96	96	24	48	15-16	48	76
48	67	73	77	80	84	84	89	96	0,2,3,6,7,8	39	14-15	57	76
82	86	91	94	95	95	95	95	97	6	70	1	27	89
51	59	66	68	69	73	68	68	95	1,8	46	15-16	49	74
42	68	76	83	88	88	90	92	92	24	40	15,16	52	68
45	58	71	70	75	79	73	71	93	3,6,7	34	15-16	59	66
48	67	77	83	87	88	92	93	93	24	42	14	51	71
55	64	72	76	78	80	82	82	91		48		43	72

17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.0	11.5	12.0	12.7	13.0	14.0	14.5	14.0	14.5	23	8.0	3,6	6.5	10.3
11.5	12.5	13.0	13.2	13.0	13.5	14.5	14.0	14.5	23	11.0	16	3.5	13.0
11.5	13.0	13.0	13.7	13.0	13.0	13.0	13.0	14.7	14	11.5	16,17	3.2	13.2
14.5	14.5	13.5	14.4	14.0	14.0	14.0	14.0	15.0	15	13.0	3-7,9,10	2.0	13.7
13.0	14.0	13.5	14.0	13.5	12.5	12.0	12.0	15.0	3	12.0	23,24	3.0	13.5
13.5	14.5	16.5	17.3	16.0	15.0	14.5	14.5	17.3	20	9.5	5,6	7.8	13.0
15.0	14.5	17.0	16.3	16.0	15.5	15.0	15.5	17.0	19	12.0	7	5.0	14.3
14.5	13.0	14.0	15.7	15.5	15.5	15.0	15.0	15.7	20	12.0	7	3.7	14.3
15.5	15.0	14.0	13.2	14.0	14.0	14.0	14.0	16.0	12	11.5	7	4.5	14.0
15.5	15.5	15.0	18.1	17.5	17.5	17.5	17.5	18.1	20	15.0	1-6,19	3.1	16.4
16.5	19.0	20.0	19.2	18.5	18.5	18.0	19.0	20.0	11-13,19	14.5	4	5.5	18.0
19.0	18.0	17.5	18.5	17.5	17.5	18.0	18.0	21.0	15	15.5	7,8	5.5	17.9
17.0	16.5	17.0	16.6	15.5	15.5	16.0	16.5	17.3	14	15.0	10	2.3	16.3
15.0	14.5	15.0	14.0	14.5	13.5	13.5	13.0	16.0	1,2,15,16	13.0	24	3.0	14.4
19.5	19.5	17.5	18.7	18.5	18.5	18.5	18.0	21.0	14	13.0	1	8.0	17.7
17.0	18.0	18.5	18.7	18.5	19.0	19.0	17.0	19.0	22,23	15.0	1	4.0	17.2
10.0	8.0	7.4	6.8	6.6	5.8	6.0	6.2	19.5	10,12	5.8	22	13.7	14.1
4.8	5.0	4.8	5.5	5.6	5.8	6.0	5.8	7.0	11	4.8	16,17,19	2.2	5.8
6.4	6.2	7.4	7.8	7.4	7.6	7.2	6.8	7.8	20	5.2	13	2.6	6.3
10.5	10.0	14.0	11.7	12.0	11.5	11.0	10.5	14.0	19	6.6	6	7.4	9.0
11.5	13.0	14.0	13.3	13.0	12.5	12.5	12.5	14.0	19	9.0	2-4,6,7	5.0	11.4
11.0	13.5	14.5	11.3	12.5	11.0	13.5	11.0	14.5	19	10.0	16	4.5	11.6
11.5	11.0	12.0	8.6	9.0	9.5	9.0	8.5	12.5	9,10	8.5	24	4.0	10.7
14.5	15.5	14.0	14.1	14.0	11.5	11.5	12.0	15.5	18	9.0	1,3	6.5	11.8
10.0	11.5	12.5	11.8	11.0	11.5	11.5	11.5	13.0	10	10.0	17	3.0	11.8
11.5	13.5	13.0	13.0	12.5	13.5	13.5	14.0	14.0	24	9.5	2-5,15,16	4.5	11.7
14.5	14.5	14.5	13.2	12.5	12.5	12.5	12.5	14.5	13,17-19	11.0	1	3.5	12.9
8.5	8.5	9.0	8.8	8.0	8.5	8.0	8.0	12.5	1-3	8.0	21,23,24	4.5	9.8
7.2	9.0	9.0	9.0	9.0	8.0	7.8	7.8	9.0	18-21	6.6	16	2.4	7.8
7.6	8.5	10.0	9.1	8.5	9.0	9.0	9.0	10.0	19	6.4	16	3.6	8.1
10.0	11.5	11.0	10.9	10.5	10.5	10.0	10.0	11.5	18	9.0	7	2.5	10.2
12.6	13.0	13.4	13.2	12.9	12.8	12.8	12.6	14.9		10.4		4.5	12.6

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SE	5	SE	5	SE	5	SE	5	SE	6	S	5	S	5	SE	7	SE	12	SE	12	E	11	E	16	E	12	E	14	E	15
2	E	5	E	6	E	7	E	8	E	9	E	8	E	8	E	11	SE	16	SE	11	SE	13	SE	14	SE	14	SE	12	SE	9
3	E	9	E	8	SE	8	SE	7	SE	4	SE	6	SE	5	SE	4	S	9	S	7	S	2	SE	6	SE	4	SE	7	SE	6
4	S	8	S	9	S	8	S	11	S	14	S	13	S	10	S	9	S	17	S	12	S	12	S	9	S	10	SW	14	SW	11
5	SW	9	SW	8	SW	8	S	7	S	8	S	5	S	8	S	8	S	11	S	9	S	8	S	8	S	11	SW	13	S	11
6	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	Calma	0	Calma	1	Calma	0	Calma	0	NW	3	NW	4	NW	5	NW	5	W	8	W	5
7	NW	7	NW	7	NW	10	NW	9	NW	9	NW	10	NW	10	NW	11	NW	15	NW	16	NW	16	NW	21	NW	19	NW	20	NW	20
8	NW	4	N	13	NW	4	N	9	N	7	N	8	N	7	NW	9	NW	14	NW	13	NW	15	NW	15	NW	14	NW	13	NW	14
9	SE	8	E	10	SE	9	SE	11	SE	12	SE	13	SE	12	SE	11	E	15	SE	7	SE	9	SE	10	SE	11	E	9	SE	10
10	SE	5	E	7	E	7	SE	5	E	5	NE	6	NE	7	NE	12	NE	13	NE	15	N	16	N	16	N	15	N	16	N	13
11	NE	7	NE	6	NE	6	NE	8	NE	11	NE	9	NE	7	NE	11	NE	16	NE	12	NE	14	N	14	N	14	N	12	N	13
12	E	8	NE	12	NE	15	NE	13	NE	16	NE	16	NE	18	NE	18	N	26	N	18	N	18	N	18	N	18	N	22	N	20
13	NE	8	NE	11	NE	10	W	9	SW	10	S	7	S	6	S	5	SE	7	SE	6	SE	7	S	8	S	9	S	7	S	8
14	SE	8	SE	7	SE	7	SE	5	SE	5	SE	4	SE	5	SE	6	SE	9	SE	8	SE	9	SE	9	SE	8	SE	8	E	9
15	E	5	E	3	SE	2	E	2	E	3	E	7	E	7	E	10	E	13	E	14	E	10	NE	10	NE	12	NE	9	NE	10
16	NE	8	NE	11	NE	14	NE	13	NE	11	NE	11	NE	9	NE	16	NE	20	NE	16	NE	19	N	14	NE	13	NE	13	NE	11
17	NE	11	NE	12	NE	14	NE	15	NE	14	NE	16	NE	17	N	18	N	22	N	21	NW	16	NW	13	W	7	SW	13	SW	13
18	SW	7	SW	6	SW	5	SW	10	SW	9	SW	7	SW	7	SW	12	SW	19	SW	18	SW	16	SW	17	SW	16	SW	15	SW	18
19	W	6	W	7	W	6	W	5	W	5	W	6	W	8	W	8	W	12	W	13	W	18	W	18	W	18	W	17	W	17
20	W	6	W	6	SW	5	SW	4	Calma	1	W	3	W	3	W	3	W	6	W	6	W	6	W	9	W	8	W	6	NW	4
21	NW	8	NW	9	NW	10	W	5	W	4	W	5	W	3	S	5	S	7	SE	6	SE	6	SE	4	SE	5	E	12	E	13
22	E	8	NE	8	NE	7	NE	8	NE	12	NE	13	NE	8	N	13	N	16	N	16	N	15	NW	16	NW	17	NW	17	N	19
23	NE	15	NE	13	NE	16	NE	20	NE	16	NE	17	NE	15	NE	17	NE	20	NE	25	NE	28	NE	31	NE	26	NE	26	NE	28
24	NE	18	NE	16	NE	16	NE	16	NE	17	NE	13	NE	12	NE	18	NE	26	NE	24	N	14	N	22	N	22	N	19	NW	21
25	SW	16	SW	9	SW	6	SW	8	Calma	1	SW	5	SW	3	SW	5	S	5	S	5	S	3	S	5	S	7	S	6	S	6
26	Calma	0	Calma	0	Calma	0	Calma	1	Calma	0	Calma	0	Calma	0	N	3	N	14	N	11	N	9	N	10	NW	9	NW	9	NW	9
27	SW	10	S	9	S	5	S	6	S	6	S	6	S	5	S	2	N	3	N	8	N	14	N	19	NE	14	NE	12	N	9
28	E	6	SE	3	NE	8	SW	9	SW	15	S	5	S	3	S	2	W	4	W	3	W	4	SW	6	SW	9	SW	9	SW	8
29	W	6	W	5	W	5	SW	5	SW	5	SW	6	SW	3	SW	4	SW	7	S	7	S	9	S	8	S	8	S	8	S	6
30	Calma	1	Calma	1	W	2	W	4	W	3	W	2	NW	4	NW	4	NW	11	NW	12	NW	14	NW	17	NW	17	NW	14	NW	13
31	N	10	N	9	NW	9	NW	9	NW	7	NW	8	NW	9	NW	10	NW	22	NW	16	NW	14	W	9	W	6	W	8	SW	6
DIRECCIÓN PREVALENTE	NE-E		NE		NE		NE		NE		NE		NE		NE-S		NE-S		SE		NW		NW-N		NW		SW-NW		NW	
NUMERO DE HORAS	6		8		9		7		7		8		8		6		5		6		6		6		6		5		6	
PROM. HOR. DE LA VELOCIDAD		7		8		8		8		8		8		7		9		13		12		12		13		12		12		12

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	14	E	13	SE	9	SE	10	SE	11	SE	9	SE	6	SE	7	SE	3	SE	15	9	19	E	16.37
SE	10	SE	12	SE	11	SE	9	SE	9	SE	11	SE	9	SE	6	SE	7	SE	16	10	21	SE	12.44
SE	6	S	10	S	12	S	13	S	8	S	9	S	8	S	7	S	10	SE S	11	7	20	S	17.51
SW	11	SW	10	S	9	S	5	S	6	S	5	S	6	S	6	S	8	S	20	10	23	SW	14.16
SW	11	S	7	S	5	S	3	Calma	0	Calma	0	Calma	1	Calma	0	Calma	0	S	14	7	18	SW	14.52
SW	4	W	2	Calma	0	E	4	E	5	NE	7	NE	5	N	5	N	5	Calma	10	3	8	NW	13.00
NW	18	NW	17	N	10	N	9	N	3	N	8	N	8	N	9	N	8	NW	17	12	27	NW	12.20
NW	11	N	9	N	9	NE	6	NE	9	NE	6	NE	4	SE	6	SE	8	NW	11	9	17	NW	12.24
SE	9	SE	8	SE	5	SE	5	SE	5	SE	4	SE	5	E	5	SE	4	SE	17	9	19	SE	6.48
N	14	N	12	NE	8	NE	4	E	5	E	7	E	7	E	7	E	6	E	8	10	17	N	15.21
N	12	NE	9	NE	6	E	5	E	7	E	9	E	6	E	7	E	6	NE	13	9	19	N	12.36
N	17	N	19	N	12	NE	5	NE	5	NE	6	NE	5	NE	6	NE	8	NE	13	14	26	NE	13.49
S	6	S	6	S	3	S	4	S	4	S	6	S	4	S	5	SE	3	S	15	7	14	SW	4.10
E	11	E	12	E	10	E	5	SE	5	SE	4	SE	3	SE	5	SE	3	SE	19	7	20	E	16.04
NE	13	NE	9	E	9	E	5	E	7	E	7	E	8	E	6	E	5	E	17	8	16	NE	8.58
NE	11	NE	9	E	6	E	5	E	4	E	7	E	8	E	4	NE	7	NE	16	11	21	NE	10.14
SW	10	SW	11	SW	13	SW	15	SW	23	SW	18	S	10	S	10	SW	5	SW	9	14	39	SW	19.14
SW	18	SW	15	SW	10	W	8	W	5	W	6	W	7	W	7	W	6	SW	18	11	35	SW	13.29
W	18	W	14	W	8	W	5	W	4	W	5	W	3	W	6	W	6	W	24	10	34	W	10.42
W	3	W	4	E	7	NE	4	N	6	N	6	NW	9	NW	7	NW	9	W	13	5	13	E	17.15
E	10	E	8	E	7	E	6	E	7	E	8	E	8	E	8	E	8	E	11	7	12	E	14.41
N	20	N	14	NE	7	NE	5	NE	7	NE	9	NE	8	NE	10	NE	10	NE	13	12	26	NW	12.36
NE	20	NE	16	NE	7	NE	10	NE	13	NE	20	NE	14	NE	16	NE	18	NE	24	18	43	N	11.18
NW	18	NW	11	N	7	N	8	NE	10	W	9	W	10	SW	13	SW	15	NE	11	16	27	NE	8.59
S	3	S	2	S	2	Calma	0	Calma	0	SE	3	SE	4	SE	2	SE	2	S	10	4	27	SW	8.18
NW	5	N	3	NE	5	NE	5	NE	7	NE	5	NE	7	NE	6	NE	5	Calma NE	7	5	13	N	11.20
NW	9	W	7	W	4	SW	3	Calma	1	Calma	1	Calma	1	Calma	1	Calma	1	S	7	6	23	NE	10.42
SW	7	SW	5	SW	8	SW	3	SW	7	SW	6	SW	4	SW	5	SW	4	SW	15	6	41	SW	3.49
S	7	SW	5	SW	2	SW	2	W	2	W	4	W	3	W	2	W	2	SW	9	5	16	SW	11.16
NW	15	NW	14	NW	9	NW	7	N	6	N	9	N	9	N	12	N	11	NW	13	9	24	NW	13.45
SW	4	S	4	Calma	0	Calma	0	Calma	0	Calma	0	SE	2	SE	3	Calma	0	NW	9	7	27	NW	9.10
SW		N-SW-S		NE-E-S		NE		NE-E		NE		NE		SE-E		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
7		5		5		7		6		6		6		6		7		NE	131	9	DIRECCIÓN	DÍA	HORA
	11		7		7		6		6		7		6		6		6				N SW N	12 17 23	de 8.00 a 8.05 de 19.15 a 19.20 de 11.00 a 11.05

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DIAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1					7	95	15	112	2	10								217
2					8	62	16	173										235
3					2	17	11	63	11	95								175
4									20	187	4	46						233
5									14	109	5	49					5	159
6	2	10	2	12	2	9					1	4	3	15	4	17	10	69
7	7	55													17	235		290
8	7	62	4	25			2	14							11	126		227
9					7	54	17	153										207
10	7	102	7	65	8	51	2	10										228
11	5	65	13	122	6	40												227
12	10	188	13	143	1	8												339
13			3	29			4	23	15	88	1	10	1	9				159
14					5	47	19	118										165
15			6	63	17	121	1	2										186
16	1	14	16	205	7	41												260
17	3	61	7	99					2	20	9	121	1	7	2	29		337
18											18	225	6	39				264
19													24	233				233
20	2	12	1	4	1	7					2	9	13	69	4	29	1	131
21					11	95	4	21	2	12			4	17	3	27		172
22	7	113	13	112	1	8									3	50		283
23			24	445														445
24	6	92	11	186							2	28	2	19	3	50		375
25							4	11	10	44	7	52					3	108
26	6	50	7	40											4	32	7	123
27	1	9	2	26	4	44			7	39	2	13	2	11	1	9	5	156
28			1	8	1	6	1	3	3	10	15	105	3	11				143
29									7	53	9	39	8	29				121
30	5	47											4	11	13	151	2	211
31	2	19					2	5	1	4	2	10	3	23	9	104	5	165
SUMAS	71	899	130	1584	88	705	98	708	94	671	77	711	74	493	74	859	38	6643
% PREVAL POR VELOCIDAD	13.5		23.8		10.6		10.6		10.1		10.7		7.4		12.9		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		12		8		7		7		9		7		12		0	211

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	6	6	4	1	4	3	3	3
1 - 2	2	8	5	3	2	3	3	2	3
2 - 3	0	9	2	5	2	4	3	4	2
3 - 4	1	7	2	5	3	5	4	2	2
4 - 5	1	7	3	4	3	4	3	2	4
5 - 6	1	8	2	3	6	3	4	2	2
6 - 7	1	8	2	3	6	3	3	3	2
7 - 8	3	6	2	4	6	3	2	4	1
8 - 9	4	5	3	4	5	2	3	4	1
9 - 10	4	5	2	6	5	1	3	5	0
10 - 11	5	3	3	5	5	1	3	6	0
11 - 12	6	2	2	5	5	2	3	6	0
12 - 13	4	4	1	5	5	2	4	6	0
13 - 14	4	4	3	3	3	5	4	5	0
14 - 15	5	3	3	3	4	5	2	6	0
15 - 16	4	3	3	3	3	7	2	6	0
16 - 17	5	4	3	2	5	5	4	3	0
17 - 18	4	5	5	3	5	4	2	1	2
18 - 19	2	7	6	3	4	4	2	1	2
19 - 20	3	6	6	4	3	2	3	0	4
20 - 21	3	6	5	5	3	2	4	0	3
21 - 22	2	6	5	6	4	1	4	1	2
22 - 23	3	4	6	6	4	2	3	1	2
23 - 24	3	5	4	7	2	3	3	1	3
SUMAS	71	131	84	101	94	77	74	74	38
% de frec. por dirección	9.5	17.6	11.3	13.6	12.6	10.3	9.9	9.9	5.1

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Ac	2	Ci	2	Ci	2	Ac	5	Cs	5	99	99	98
2	Sc Cb 4 As 4	8	Sc 3 As 5	8	St	8	St	8	Ns	8	7	7	7
3	Fst	8	Ns	8	Fst	8	Ns	8	Fst	8	6	5	5
4	Fst	8	Ns	8	Fst	8	St	8	St 5 Ci 2	7	5	5	8
5	Fst	8	Sc	8	Sc	6	Cu Sc	5	Claro	0	7	9	9
6	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	7
7	Claro	0	Claro	0	Ci	3	Claro	0	Claro	0	8	8	8
8	Ci	1	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
9	Fst Fc	8	Sc	8	Sc 1 As 7	8	As	8	As	7	6	7	8
10	Ac 3 Ci 1	4	Ac	3	Ci	6	Ci	2	Claro	0	8	8	8
11	Claro	0	Cu	2	Cu	4	Claro	0	Claro	0	9	9	9
12	Claro	0	Ci	4	Ci	7	Ci	4	Claro	0	8	8	8
13	Sc 4 Ac 2	6	Ac 3 Sc 1	4	Ac 4 Ci 2	6	Ac 1 Ci 4	5	Claro	0	8	8	9
14	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	6	7	7
15	Cu	6	Claro	0	Cu	1	Claro	0	Claro	0	9	9	8
16	Ci	2	Ci	6	Cu 4 Ci 1	5	Ci	5	Claro	0	8	9	8
17	Claro	0	Sc	7	St	7	Ci 2 Ac 1	3	Claro	0	8	8	8
18	Claro	0	Cu	1	Claro	0	Claro	0	Claro	0	9	9	9
19	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	9
20	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	7
21	Claro	0	Claro	0	Claro	0	Ci	6	Claro	0	7	7	8
22	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	7	8
23	Claro	0	Claro	0	Claro	0	Ci	3	Ci	1	8	8	9
24	Ci	2	Ci	6	Ci	7	Ac 4 Cs 4	8	As	7	9	8	8
25	Cu	4	Cu	6	Cu	5	Cu	2	Claro	0	9	9	8
26	Cu	1	Cu 1 Ci 1	2	Cu 1 Ci 7	8	Ci	7	Ci	6	7	9	8
27	Ns	8	St Sc	8	Fst 1 Ac 6	7	Sc	7	Ac	2	6	9	9
28	St	8	As	8	St	8	As	8	As	5	7	8	8
29	Ac	4	Ac	1	Cu	2	Cu	1	Claro	0	7	9	9
30	Ci	4	Ci	4	Cu	1	Claro	0	Claro	0	9	9	9
31	Cu	3	Ac	1	Claro	0	Ci	2	Claro	0	9	9	9
Prom.		3		3		4		3		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	43.4	24.5	1.54	1	5	5	
	10	45.8	26.4	1.58	1	5	4	B.
	12	-	-	-	-	-	-	s/R.
	14	47.2	27.9	1.57	2	5	5	
	15	42.5	26.6	1.29	6	5	5	
2	9	24.2	21.1	0.25	8	0	5	
	10	24.2	21.2	0.24	8	0	5	
	12				8	0	4	Am.
	14	26.5	22.4	0.33	8	0	3	B.
	15	25.0	22.0	0.24	8	0	4	B.
3	9				8	0	4	Am.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	3	LL.
	15				8	0	4	Am.
4	9				8	0	4	LL.
	16				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	3	LL.
	15				8	0	3	Am.
5	9	31.5	22.2	0.76	7	2	5	
	10	28.5	21.7	0.55	8	0	5	
	12				8	0	4	Am.
	14	38.3	26.2	0.98	6	2	5	
	15	38.1	26.2	0.97	6	2	5	
6	9	45.4	25.5	1.62	0	5	5	
	10	48.0	27.7	1.65	0	5	5	
	12	51.1	31.7	1.58	0	5	5	
	14	51.9	32.4	1.58	0	5	5	
	15	50.9	32.6	1.49	0	5	5	
7	9	46.6	27.4	1.56	0	5	5	
	10	50.7	30.7	1.63	0	5	5	
	12	53.1	33.9	1.56	0	5	5	
	14	52.5	34.1	1.50	3	5	5	
	15	51.1	33.5	1.43	1	5	5	
8	9	48.2	29.5	1.52	0	5	5	
	10	50.9	31.6	1.57	0	5	5	
	12	53.9	34.5	1.58	0	5	5	
	14	53.1	34.5	1.51	0	5	5	
	15	51.9	34.1	1.45	0	5	5	
9	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	Am.
	14				8	0	5	Am.
	15				8	0	4	Am.
10	9	47.5	29.1	1.50	2	5	5	
	10	51.0	31.1	1.62	2	5	5	
	12	52.4	33.0	1.58	2	5	4	B.
	14	51.0	33.8	1.40	6	4	5	
	15	50.0	33.4	1.35	5	4	5	
11	9	48.1	30.1	1.46	0	5	5	
	10	49.2	31.0	1.48	0	5	5	
	12	44.6	32.3	1.00	2	3	5	
	14	46.9	33.7	1.07	4	3	5	
	15	47.3	33.5	1.12	2	5	5	
12	9	47.0	30.0	1.38	0	5	4	B.
	10	49.7	32.0	1.44	3	5	4	B.
	12	54.1	30.7	1.90	3	5	4	B.
	14	49.4	34.5	1.21	7	1	5	
	15	52.5	35.1	1.41	7	2	5	
13	9	32.1	25.0	0.58	7	0	5	
	10	41.2	28.6	1.02	6	2	5	
	12	53.7	33.8	1.62	4	5	5	
	14	45.5	31.8	1.11	6	2	5	
	15	50.7	33.3	1.41	6	3	5	
14	9	44.6	25.6	1.54	0	5	3	B.
	10	48.3	28.5	1.61	0	5	4	B.
	12	51.0	31.4	1.59	0	5	4	B.
	14	50.9	32.3	1.51	1	5	4	B.
	15	45.6	30.4	1.24	0	5	3	B.
15	9	49.0	30.5	1.50	3	3	5	
	10	50.5	30.6	1.62	3	5	5	
	12	53.3	33.5	1.61	0	5	5	
	14	54.3	34.9	1.58	1	5	5	
	15	51.7	33.9	1.45	1	5	5	
16	9	46.7	29.0	1.44	3	5	5	
	10	51.4	31.4	1.63	5	5	5	
	12	54.9	33.9	1.71	6	3	5	
	14	49.0	33.3	1.28	5	3	5	
	15	41.5	30.7	0.88	5	3	5	
17	9	48.7	31.2	1.42	0	5	5	
	10	50.7	32.6	1.47	7	2	5	
	12				8	0	4	Am.
	14	43.1	31.1	0.98	7	2	5	
	15				8	0	5	Am.
18	9	40.0	20.0	1.63	0	5	5	
	10	43.0	22.0	1.71	0	5	5	
	12	45.5	24.5	1.71	0	5	5	
	14	45.7	25.5	1.64	0	5	5	
	15	44.4	25.2	1.56	0	5	5	
19	9	43.1	23.1	1.63	0	5	5	
	10	46.6	26.0	1.67	0	5	5	
	12	49.2	28.5	1.68	0	5	5	
	14	49.2	29.5	1.60	0	5	5	
	15	47.6	29.0	1.51	0	5	5	
20	9	44.7	25.4	1.57	0	5	5	
	10	48.7	28.4	1.65	0	5	5	
	12	51.7	31.8	1.62	0	5	5	
	14	52.5	33.5	1.54	0	5	5	B.
	15	50.8	33.3	1.42	0	5	5	B.
21	9	42.5	24.4	1.47	0	5	4	B.
	10	41.9	27.9	1.14	0	5	3	B.
	12	50.4	31.5	1.54	0	5	3	B.
	14	47.5	31.0	1.34	0	4	3	B.
	15	45.5	29.8	1.28	0	4	4	B.
22	9	45.2	27.9	1.41	0	5	5	
	10	50.2	31.5	1.52	0	5	4	B.
	12	53.1	34.2	1.54	0	5	4	B.
	14	52.5	34.5	1.46	0	5	4	B.
	15	50.9	34.0	1.37	0	5	4	B.
23	9	46.9	28.9	1.46	0	5	5	
	10	50.6	31.6	1.54	0	5	5	
	12	53.2	33.9	1.57	0	5	4	B.
	14	52.6	34.5	1.47	0	5	4	B.
	15	51.5	34.5	1.38	0	5	4	B.
24	9	44.9	26.5	1.50	1	5	5	
	10	48.5	29.0	1.58	1	5	5	
	12	48.3	31.7	1.35	7	2	5	
	14	51.4	32.5	1.54	7	4	4	B.
	15	33.4	27.9	0.45	8	0	4	B.
25	9	41.0	24.0	1.38	4	3	5	
	10	38.7	24.4	1.16	3	3	5	
	12	-	-	-	-	-	-	s/R.
	14	35.0	26.0	0.73	5	3	5	
	15	50.0	30.3	1.60	3	5	5	
26	9	43.0	24.0	1.54	0	5	4	B.
	10	46.9	26.9	1.63	1	5	5	
	12	49.3	29.5	1.61	2	5	5	
	14	44.4	29.4	1.22	8	4	5	
	15	49.9	30.9	1.54	8	4	5	
27	9				8	0	4	LL.
	10				8	0	4	Am.
	12	23.7	18.6	0.41	8	0	4	
	14	32.3	22.5	0.80	7	1	5	
	15	42.5	26.3	1.32	6	3	5	
28	9				8	0	4	Am.
	10				8	0	4	Am.
	12	39.2	24.7	1.18	6	3	5	
	14	33.3	22.5	0.88	8	0	4	
	15	35.0	22.3	1.03	8	3	5	
29	9	40.4	20.2	1.64	0	5	5	
	10	42.9	22.3	1.67	1	5	5	
	12	46.3	25.3	1.71	4	5	5	
	14	47.4	26.0	1.74	2	5	5	
	15	45.4	25.6	1.61	3	5	5	
30	9	42.5	23.5	1.54	6	4	5	
	10	45.0	25.0	1.63	4	5	5	
	12	44.2	26.1	1.47	3	3	5	
	14	46.2	27.0	1.56	1	5	5	
	15	44.0	26.3	1.44	0	5	5	
31	9	42.7	24.7	1.46	4	3	5	
	10	46.2	26.9	1.57	1	5	5	
	12	48.7	29.8	1.54	0	5	5	
	14	48.5	29.6	1.54	0	5	5	
	15	46.0	29.0	1.38	1	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1		0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.1		10.3	12.7	81
2															0.0	12.7	00
3															0.0	12.7	00
4															0.0	12.6	00
5				0.1					0.5	0.5	0.2	0.8	1.0	0.2	3.3	12.6	26
6		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	12.5	96
7		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	12.5	96
8	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.1	12.5	97
9															0.0	12.4	00
10		0.7	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.7	12.4	94
11		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.0	12.4	97
12		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	1.0	0.6		10.1	12.3	82
13		0.2	0.8		0.5	0.8	1.0	1.0	0.8	0.9	0.6	0.7	1.0	0.1	8.4	12.3	68
14		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.3	12.3	92
15		0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.0	12.2	90
16		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0		11.6	12.2	95
17		0.9	1.0	1.0	1.0	0.3	0.7	0.5	0.9	0.2		0.9	0.6		8.0	12.1	66
18		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.9	12.1	98
19		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.8	12.1	98
20		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.5	12.0	96
21		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0.3		9.8	12.0	82
22		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		10.8	12.0	90
23		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.2	11.9	94
24		0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.4	0.1			8.4	11.9	71
25		0.3	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	1.0	1.0	0.9		10.9	11.9	92
26			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5		10.3	11.8	87
27										0.2	1.0	0.2	0.2		1.6	11.8	14
28							0.7	0.8	0.6	0.3	0.4				2.8	11.7	24
29		0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		10.5	11.7	90
30			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.0	11.7	86
31		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.5	11.6	90
Medias	0.0	0.4	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.0	8.6	12.2	71

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	21.5	25.8	24.0	21.8	24.4	23.9	23.1	22.3	23.0	23.2	22.9	23.2	25.9	25.7	25.6
2	22.5	22.8	22.4	22.4	22.6	22.3	22.1	22.0	21.8	23.1	22.8	22.6	25.7	25.4	25.3
3	21.9	20.6	21.0	21.6	20.2	20.5	21.3	19.4	19.6	22.1	20.5	20.6	24.9	24.4	24.0
4	19.3	19.4	20.0	17.7	18.7	19.5	18.4	18.0	18.4	19.7	19.2	19.2	23.1	22.6	22.3
5	19.9	22.0	21.7	19.6	20.8	21.1	18.6	19.1	19.6	18.4	19.6	19.8	22.2	22.3	22.3
6	19.0	24.8	23.9	19.0	22.8	23.1	19.0	19.7	21.1	20.0	20.0	20.7	22.5	22.6	22.6
7	21.5	25.8	24.4	21.1	24.0	23.9	20.5	21.0	22.0	21.0	21.0	21.5	23.2	23.3	23.4
8	21.7	26.5	25.4	21.5	24.7	24.6	21.1	21.8	22.8	21.7	21.7	22.2	23.8	23.9	24.0
9	22.7	23.2	22.8	22.5	22.6	22.4	21.9	21.5	21.4	22.3	21.9	21.7	24.2	24.3	24.0
10	21.9	26.1	25.0	21.4	24.4	24.3	20.8	21.6	22.4	21.6	21.6	21.8	24.0	24.0	23.9
11	23.0	27.1	26.0	22.6	25.4	25.2	21.8	22.4	22.3	22.3	22.3	22.8	24.3	24.4	24.5
12	24.0	27.4	26.2	23.5	25.9	25.6	22.6	23.0	24.0	22.9	22.9	23.2	24.8	24.9	25.0
13	24.3	27.2	25.9	23.9	25.8	25.5	23.1	23.3	23.9	23.3	23.2	23.4	25.2	25.2	25.2
14	23.2	26.8	25.0	23.2	25.4	24.8	22.9	23.0	23.5	23.5	23.2	23.4	25.5	25.4	25.2
15	23.3	27.6	26.2	23.0	25.8	25.6	22.5	23.1	23.8	23.2	23.2	23.5	25.4	25.4	25.4
16	23.9	27.4	26.2	23.6	25.9	25.6	22.9	23.4	24.0	23.5	23.4	23.7	25.6	25.5	25.5
17	24.6	26.8	24.6	24.3	25.6	24.7	23.5	23.6	23.8	23.9	23.8	23.8	25.8	25.8	25.7
18	20.5	23.5	21.8	21.1	22.9	22.1	21.7	21.6	21.8	23.0	22.5	22.4	25.5	25.3	25.0
19	18.8	23.0	21.8	19.5	21.9	21.7	20.0	20.3	21.0	21.5	21.3	23.4	24.4	24.4	24.1
20	18.7	23.8	23.0	19.3	22.2	22.4	19.8	20.0	21.0	21.1	20.9	21.2	24.2	24.0	23.8
21	20.4	24.3	23.0	20.4	22.8	22.6	20.3	20.7	21.4	21.3	21.2	21.4	24.0	23.9	23.8
22	21.3	25.0	23.8	21.1	23.4	23.3	20.7	21.1	21.8	21.5	20.4	21.8	24.1	24.0	24.0
23	21.6	25.8	24.0	21.5	23.5	23.6	21.1	21.4	22.1	21.8	21.8	22.1	24.2	24.2	24.2
24	21.6	25.4	24.0	21.6	23.5	23.4	21.3	21.6	22.0	22.0	21.9	22.0	24.4	24.4	24.3
25	21.8	24.8	23.1	21.6	23.2	23.0	21.2	21.4	21.9	22.0	21.8	22.0	24.4	24.4	24.2
26	20.6	25.3	23.5	20.8	23.2	23.1	20.6	21.1	21.8	21.5	21.6	21.8	24.2	24.2	24.1
27	21.1	21.5	21.6	21.1	21.0	21.5	20.9	21.4	20.5	21.7	21.4	21.1	24.2	24.1	23.8
28	20.2	21.8	21.0	20.1	20.8	20.8	19.8	19.6	19.9	20.7	25.4	20.5	23.5	23.4	23.2
29	18.3	22.0	20.2	18.7	20.6	20.4	18.9	19.0	19.6	20.0	20.0	20.0	24.3	23.0	22.7
30	17.2	22.0	20.5	17.9	20.4	20.3	18.4	18.6	19.2	19.8	19.6	19.7	22.7	22.6	22.6
31	18.7	22.8	21.2	18.8	21.0	21.0	18.6	19.0	19.7	19.6	19.6	19.8	22.7	22.4	22.4
Prom.	21.3	24.5	23.3	21.2	23.1	23.0	21.0	21.1	21.6	21.7	21.5	21.8	24.3	24.2	24.1

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	1.7	2.0	1.3	4.2							9576
2					1	0.9	0.9	0.9	2.7							9581
3	0.3	0.7	0.0	0.0	2	0.9	0.2	0.3	0.6							9585
4	-	100.5	96.4	93.4	2	0.1	0.2	0.2	0.7							9495
5	28.4	29.5	28.2	25.7	2	0.3	0.6	0.9	1.8	LL.21	19.5	22.3	19.6			9375
6	0.0	0.0	0.0	0.0	1	0.3	1.0	1.3	2.9							9395
7					1	0.6	2.5	2.3	5.5							9310
8					0	0.7	2.4	1.8	5.2	LL.22	19.5	19.5	22.5			9401
9					1	1.0	0.7	0.6	1.8							9425
10	2.9	2.9	2.6	2.5	1	0.5	1.4	1.5	3.6							9432
11					0	0.7	1.6	1.7	4.7							9446
12					0	1.4	2.1	1.6	4.7							9453
13					0	1.0	1.5	1.3	3.4	LL.23	13.9	16.2	22.4	22.8		9473
14	0.0	0.0	0.0	0.0	0	0.6	1.3	1.1	2.7							9486
15					0	0.3	1.1	1.2	3.0							9450
16					0	0.7	1.6	1.4	4.0							9512
17					0	1.0	1.5	2.1	5.5							9521
18	0.0	0.0	0.0	0.0	0	1.9	1.7	2.0	5.1	LL.24	9.9	9.8	16.7			9536
19					0	1.4	2.5	2.2	5.6							9554
20					0	0.9	2.2	1.8	5.0							9561
21					0	1.0	1.3	0.6	3.1							9569
22					0	1.2	2.8	2.4	7.3							9573
23					0	2.1	3.1	2.3	9.0	LL.25	7.7	10.1	16.7			9576
24					0	3.6	2.3	1.9	5.4							9577
25					0	1.2	1.2	1.0	2.5							9579
26					0	0.3	1.3	1.3	3.3							9578
27	14.1	14.0	14.0	14.1	2	0.7	0.2	0.6	0.8							9580
28	10.9	11.2	-	9.6	2	0.0	0.7	1.1	2.6	-	-	-	-			9573
29					1	0.8	1.3	1.0	2.5							9583
30					1	0.2	2.2	1.9	5.1							9585
31					1	1.0	1.2	2.0	3.5							9585
Prom.	-	158.8	-	145.3	-	0.9	1.5	1.4	3.8	-	-	-	-	-	-	9514

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
25.3	25.3	25.1	23.9	24.0	23.9	22.3	20.3	-	Ca. m. y t., Cm. n., r. m., B.Jl. n.
25.2	25.0	24.8	24.0	24.0	23.9	22.3	20.3	-	Cm. m. t. y n., r. m., CH.B.Z. t., LL. n.
24.5	24.0	23.7	23.8	23.6	23.6	22.4	20.3	18.0	Cm. m. t. y n., Ne. m., LL. t. y m.
22.7	21.8	21.5	23.4	23.4	23.4	22.5	20.5	15.5	Cm. m. t. y n., LL. m. y t., Jl. n.
21.6	21.5	21.5	23.0	23.1	23.0	22.5	20.6	15.6	Cm. m. y t., Cm. n., Z. m., CH. t., r. n.
21.7	21.9	21.9	23.3	22.9	22.8	22.5	20.5	8.5	Ca. m. t. y n., r. n.
22.3	22.5	22.5	22.8	22.9	22.9	22.4	20.5	14.7	Ca. m. t. y n., r. n.
22.9	23.1	23.1	22.8	22.8	22.8	22.4	20.5	12.5	Ca. m. t. y n., r. m.
23.2	23.5	23.4	22.8	22.9	22.9	22.2	20.4	17.0	Cm. m. t. y n., r.LL. m., r. n.
23.2	23.3	23.2	22.8	22.9	22.9	22.2	20.4	15.4	Cm. m. y t., Ca. n., r. m. y t., Ne. t.
23.5	23.6	23.6	22.9	22.9	22.9	22.2	20.5	16.9	Ca. m. y n., Cm. t., r. m. y n.
24.0	24.1	24.1	23.0	23.0	23.0	22.1	20.5	18.4	Ca. m. y n., Cm. t., r. m. y n.
24.3	24.4	24.3	23.1	23.1	23.1	22.3	20.5	18.0	Cm. m. y t., Ca. n., r. m. y n.
24.5	24.6	24.5	23.1	23.2	23.3	22.1	20.5	14.4	Ca. m. t. y n., r. m. y n., B. m. y t.
24.6	24.8	24.6	23.3	23.4	23.4	22.1	20.5	12.4	Cm. m., Ca. t. y n., r. m., B. t.
24.8	25.0	24.8	23.4	23.4	23.4	22.1	20.6	16.6	Ca. m. y n., Cm. t., r. m. y n., B. t.
25.0	25.0	25.0	23.5	23.5	23.5	22.0	20.5	19.5	Ca. m. y n., Cm. t., r. m., CH. m., LL.m.,B. t.
24.9	24.8	24.5	23.3	23.5	23.3	22.1	20.5	4.2	Ca. m. t. y n., r. m.
24.3	24.2	23.9	23.1	23.5	23.3	22.1	20.6	1.3	Ca. m. t. y n., r. m.
23.8	23.6	23.4	23.5	23.4	23.3	22.1	20.5	3.9	Ca. m. t. y n., r. m. y n., B. t.
23.5	23.5	23.4	23.1	23.2	23.2	22.1	20.5	9.6	Ca. m. y n., Cm. t., r. m. y n., B. m. t. y n.
23.6	23.6	23.5	22.9	23.2	23.2	22.1	20.6	11.7	Ca. m. t. y n., r. m. y n., B. t. y n.
23.7	23.7	23.5	22.8	23.1	23.1	22.1	20.6	13.2	Ca. m. t. y n., r. m., B. t.
23.6	24.7	23.6	22.8	22.9	23.0	22.1	20.6	12.2	Ca. m., Cm. t. y n., B. t.
23.6	23.7	23.6	22.8	23.0	23.0	22.1	20.6	12.4	Cm. m. y t., Ca. n., r. m. y n., B. n.
23.6	23.6	23.4	22.8	23.0	23.0	22.1	20.6	9.4	Ca. m., Cm. t. y n., r.B. m. y n.
23.2	23.3	23.2	22.4	22.8	22.7	22.1	20.6	14.4	Cm. m. y t., Ca. n., LL. m., r.B. n.
22.4	22.7	22.5	22.4	22.6	22.4	22.1	20.7	12.9	Cm. m. t. y n., r.B. n.
22.4	22.3	22.1	22.1	22.5	22.2	22.1	20.6	6.1	Cm. m., Ca. t. y n., r. m. y n.
22.1	22.0	21.8	21.8	22.3	22.0	22.1	20.6	5.1	Cm. m., Ca. t. y n., r. m. y n.
21.8	21.9	21.7	21.7	22.1	22.1	22.1	20.6	9.5	Ca. m. t. y n., r. m. y n., B. t.
23.5	23.6	23.4	23.0	23.1	23.0	22.2	20.5	12.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.6	64.0	1	0,1	51.6	4	16	20.5	24.8	16.5	30.0	8	14	11.4	6	6	6.1	12.6	49
2ª	57.0	61.1	15	9-10	50.2	17	4	22.0	28.5	15.5	32.0	12	13-14	6.7	20	6	10.8	12.2	88
3ª	56.7	60.7	23	9	48.6	27	16-17	19.1	25.4	13.4	30.8	23	15	8.2	30	6,7	8.8	11.8	74
MES	56.8	64.0	1	0,1	48.6	27	16-17	20.5	26.2	15.1	32.0	12	13-14	6.7	20	6	8.6	12.2	71

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h.	Km/h.		Km/h.			Km/h.				mm.	mm.		mm.		
1ª	78	100	5,6	43	1	13.6	18.1	8.0	SE	8	24	7	21	7	11-12	27	NW	7	12.20	133.6	100.5	4	17.5	3	11-12
2ª	68	98	14	24	18-20	13.7	21.0	4.8	NE	11	36	12, 17	26	12	8-9	39	SW	17	19.14	-	-	-	-	-	-
3ª	69	97	27	31	22-23	10.7	9.0	6.4	NE	14	36	23, 24	28	23	14-15	43	N	23	11.18	25.2	14.0	27	6.5	27	6-7
MES	72	100	5,6	24	18,20	12.6	21.0	4.8	NE	12	36		28	23	14-15	43	N	23	11.18	158.8	100.5	4	17.5	3	11-12

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

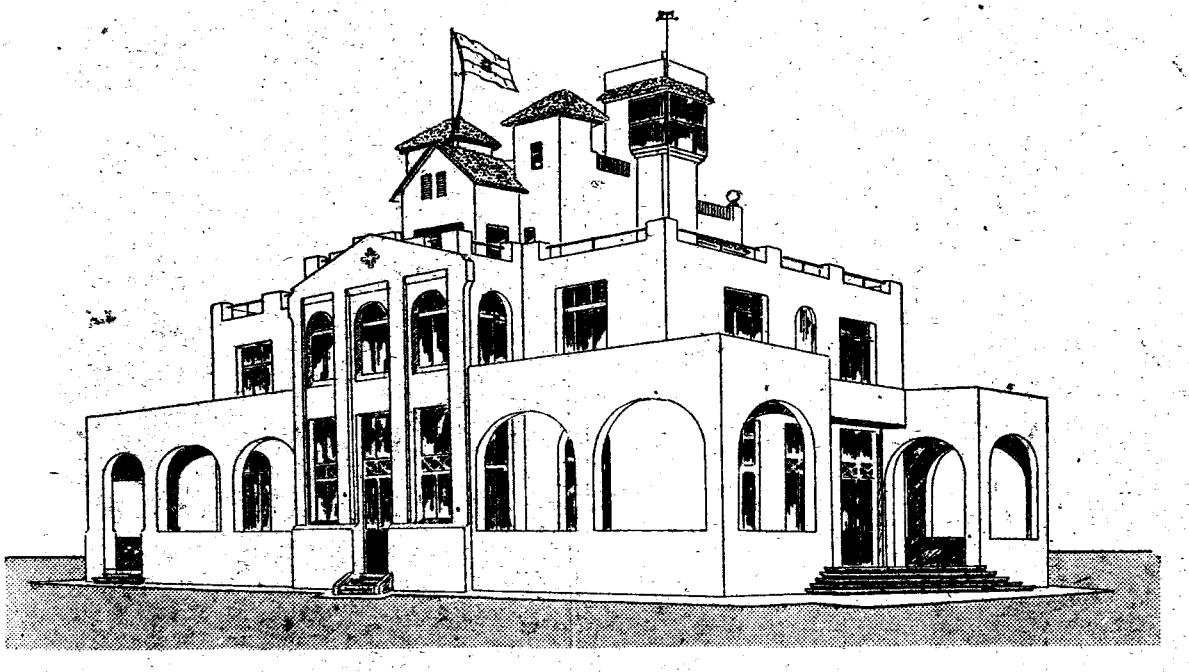
DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	4	2	2	-	-	-	-	4	3	-	3	-	-	-	-	-	-
2ª	7	6	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
3ª	9	8	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
MES	20	16	2	-	-	-	-	6	4	-	4	-	-	-	-	-	1

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	-	-	-	2	-	-	5	5	-	4	-
2ª	10	-	-	-	-	-	-	-	-	-	-	8	2	-	9	-
3ª	10	-	-	-	-	-	-	-	-	-	-	7	4	-	6	-
MES	28	-	-	-	-	-	-	-	2	-	-	20	11	-	19	-

Typis privatis Spec.Phys.cosm.Sanct.Michaelis

OBSERVATORIO DE FISICA COSMICA
DE
SAN MIGUEL (R. ARGENTINA)

Lat. S. 34° 33'; Long. W. de G. 58° 44'; Alt. 27.4 m.



BOLETIN MENSUAL

VOLUMEN V

AÑO 1950

ABRIL - MAYO - JUNIO

JUL 1 6 1951

Dirección: OBSERVATORIO - San Miguel (F.C.N.G.S.M.) - ARGENTINA

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V ABRIL 1950 N.° 4

RESUMEN MENSUAL

Se inicia el mes con el Observatorio dentro de una zona frontal con cielo cubierto y tiempo lluvioso. Con el aire fresco y seco que llega al día siguiente el cielo se despeja por completo. El aire que avanza luego desde el N aumenta en forma considerable y rápida la temperatura y humedad, y a partir del 6 también la nubosidad, hasta que el 7 condiciones tropicales cubren el Norte de la Pvcia de Buenos Aires. En este ambiente regístranse temperaturas de 36.0°C, con vientos del N de hasta 60 Km/h. Por la tarde de este mismo día 7, el pasaje de un frente frío lluvioso ocasiona el descenso de la temperatura en más de 20.0°C. El 9 reina otra vez buen tiempo aunque transitoriamente pues, al día siguiente un nuevo empuje de aire frío torna lluviosa la zona del Observatorio.

La segunda década se caracteriza por un continuo ascenso de la temperatura y humedad, producido por una persistente ola de aire del N, el que se hace notar ya desde la tarde del 10. Por lo tanto aumenta también temporariamente el estado nuboso. Este proceso culmina el 19 en que la presión marca el valor mínimo mensual con 747.5 mm, y en que el aire de origen polar es desplazado por una corriente de aire fresco. Al pasar el frente se producen lluvias y un marcado descenso de la temperatura.

En este aire fresco y seco el buen tiempo se mantiene sólo hasta la tarde del 21. En los tres días siguientes el Observatorio se encuentra en una zona frontal entre una masa de aire caliente y húmedo avanzando desde el Norte y otra de aire fresco proveniente de la Patagonia. El cielo está durante estos días casi cubierto; prodúcense asimismo lluvias en parte tan intensas que el 23 durante una hora se registran 26 mm. El constante aflujo de aire desde el S continúa; disminuye en consecuencia la temperatura y el 27 se registra la primera helada del año. En este día el termómetro del abrigo meteorológico acusa la marca mínima del mes con 3.3°C.

Los promedios mensuales delatan desviaciones, positiva en la temperatura (1.0°C) y negativa en la presión atmosférica (2.0 mm). Los demás elementos conservan sus valores normales.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	176	128	52	29	41	-18	-	-	∞	70	15	76	70	-∞	99
2	82	84	90	82	82	84	82	116	146	157	114	119	116	103	105
3	82	82	116	90	108	116	137	129	175	198	160	131	108	116	79
4	105	84	70	64	58	76	84	96	125	189	146	122	87	87	87
5	67	67	67	70	82	96	119	134	131	134	128	111	105	108	99
6	76	70	55	58	58	82	99	102	76	87	47	47	61	41	18
7	-27	-27	12	15	15	32	20	-∞	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	204	163	128	119	114	105	105
9	87	52	96	122	111	111	125	198	140	134	140	131	116	116	119
10	82	73	-	-	-	-	-	-	44	44	58	119	87	90	87
11	87	87	84	84	84	87	90	134	87	122	116	96	87	84	90
12	82	76	93	87	41	39	84	169	169	166	131	128	111	119	119
13	84	102	105	111	87	90	105	131	122	122	108	105	90	96	114
14	97	82	67	87	79	96	134	157	99	105	111	108	93	114	134
15	47	64	64	61	38	47	61	111	47	82	90	76	29	29	76
16	64	50	29	41	44	38	41	47	64	73	64	61	64	64	58
17	12	12	20	-	-	12	18	38	70	77	77	73	64	64	67
18	47	50	55	52	73	64	50	58	82	76	50	58	50	61	70
19	70	82	82	76	87	73	64	58	23	18	-42	-60	±∞	6	-
20	61	-96	-51	82	146	-87	47	157	79	87	79	84	82	76	76
21	-	-	-	-	-	-	-	-	172	227	151	119	96	99	114
22	64	76	79	76	79	90	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64
24	111	61	79	64	-∞	±∞	±∞	47	76	87	58	50	67	125	125
25	52	58	67	70	82	84	93	122	93	137	157	183	140	146	122
26	140	119	119	148	122	131	108	96	119	192	180	-	116	119	82
27	-	-	-	-	-	-	-	-	-	175	137	128	99	102	93
28	-	-	-	-	-	-	-	-	55	82	125	140	125	140	143
29	76	64	154	166	169	154	105	157	108	108	107	70	61	58	67
30	116	116	125	119	119	134	119	137	140	104	160	128	76	140	134
31															
Prom.	78.0	75.8	91.2	90.6	87.2	90.9	96.5	134.9	120.4	133.8	123.9	112.3	90.5	97.5	98.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	-	-	-	-	-	-	-	-	0.35	0.43	0.78	0.81	0.69	0.64	1.33	1.08
2	-	-	-	-	-	-	-	-	0.95	0.89	1.84	1.07	0.95	0.85	1.80	1.12
3	1.82	1.82	3.64	1.00	-	-	-	-	0.96	1.05	2.01	0.91	1.27	1.02	2.29	1.24
4	3.43	6.21	9.64	0.55	-	-	-	-	0.65	0.64	1.29	1.02	1.41	1.00	2.41	1.41
5	4.75	6.96	11.71	0.68	-	-	-	-	1.34	1.30	2.64	1.03	0.69	0.68	1.37	1.01
6	-	-	-	-	8.42	7.30	15.72	1.15	1.38	1.36	2.74	1.01	1.78	1.59	3.37	1.12
7	-	-	-	-	-	-	-	-	-	-	-	-	2.56	4.08	6.64	0.63
8	3.94	6.27	10.21	0.63	-	-	-	-	0.70	0.50	1.20	1.40	0.95	0.90	1.85	1.06
9	4.18	2.85	7.03	1.45	3.60	3.72	7.32	0.96	0.80	0.48	1.28	1.67	0.62	1.15	1.77	0.54
10	-	-	-	-	-	-	-	-	1.44	1.15	2.59	1.25	0.62	0.67	1.29	0.92
11	5.76	11.21	16.97	0.52	5.51	7.75	13.26	0.71	1.27	1.42	2.69	0.89	1.65	1.73	3.38	0.95
12	-	-	-	-	3.48	4.72	8.20	0.73	1.18	1.19	2.37	0.99	0.83	0.71	1.54	1.17
13	-	-	-	-	-	-	-	-	1.26	1.15	2.41	1.10	1.16	1.30	2.46	0.89
14	-	-	-	-	-	-	-	-	1.25	0.73	1.98	1.71	0.64	0.57	1.21	1.12
15	-	-	-	-	-	-	-	-	1.17	1.01	2.18	1.16	0.64	0.53	1.17	1.20
16	-	-	-	-	-	-	-	-	1.20	1.18	2.38	1.02	0.97	1.08	2.05	0.90
17	-	-	-	-	-	-	-	-	0.52	0.57	1.09	0.91	0.80	0.80	1.60	1.00
18	-	-	-	-	-	-	-	-	1.48	1.35	2.83	1.10	1.50	1.43	2.93	1.05
19	-	-	-	-	-	-	-	-	0.82	1.02	1.84	0.80	1.16	1.23	2.39	0.94
20	4.55	7.33	11.88	0.63	-	-	-	-	0.89	0.84	1.73	1.06	0.84	0.67	1.51	1.23
21	3.00	5.03	8.03	0.60	7.42	9.99	17.41	0.74	0.61	0.72	1.33	0.85	0.78	1.18	1.96	0.66
22	-	-	-	-	-	-	-	-	1.55	1.42	2.97	1.09	3.26	2.25	5.51	1.45
23	-	-	-	-	13.49	5.46	18.95	2.49	-	-	-	-	0.92	0.80	1.72	1.15
24	-	-	-	-	-	-	-	-	1.23	1.40	2.63	0.88	-	-	-	-
25	-	-	-	-	-	-	-	-	0.92	0.97	1.89	0.95	0.85	1.01	1.86	0.84
26	9.04	2.70	11.74	3.30	14.35	11.97	26.32	1.20	0.65	0.68	1.33	0.96	1.49	1.24	2.73	1.20
27	4.84	5.91	10.75	0.81	-	-	-	-	0.69	0.67	1.36	1.03	0.60	0.55	1.15	1.09
28	-	-	-	-	6.30	11.71	18.01	0.54	0.43	0.69	1.12	0.62	0.46	0.42	0.88	1.10
29	10.09	14.42	24.51	0.70	7.93	7.99	15.92	0.99	0.99	1.07	2.06	0.92	1.36	1.46	2.82	0.93
30	-	-	-	-	-	-	-	-	0.80	0.93	1.73	0.86	0.87	0.69	1.56	1.26
31																
Prom.	5.04	6.42	11.46	0.78	7.83	7.85	15.68	1.00	0.98	0.96	1.94	1.02	1.11	1.11	2.22	1.00

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
-∞	151	146	99	122	102	134	111	90		∞	-∞	-	3*
82	93	87	84	79	93	128	105	93	100.4	175	18	157	0
108	116	183	119	169	169	146	125	157	132.4	300	-27	327	1
105	116	122	99	111	146	163	122	73	105.7	291	6	285	0
111	163	160	178	160	134	102	93	96	113.1	250	52	198	0
26	58	93	84	61	50	- 9	9	6		195	-39	234	2
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
163	-	-	122	285	∞	163	180	146		∞	90	-	3*
128	140	131	105	47	82	99	108	99	114.0	323	12	311	0
108	128	116	119	125	134	122	108	111		∞	-∞	-	3*
96	73	108	169	192	134	134	116	116	106.5	278	29	249	0
131	157	157	180	166	163	157	134	93	123.0	297	-18	315	1
134	128	134	29	35	70	102	111	105	100.8	256	- 9	265	1
134	146	76	-	111	64	58	61	44		215	9	206	0*
82	64	55	73	70	47	41	41	52	60.3	137	-12	149	1
58	52	41	23	29	50	18	15	-		90	- 6	96	1*
105	96	44	35	82	58	70	52	55		163	- 9	172	1*
70	87	96	87	93	99	99	84	82	70.5	134	15	119	0
-	-	-	58	55	61	52	52	58		∞	-∞	-	3*
76	90	105	-	-	-	-	-	-		∞	-∞	-	2*
87	116	131	143	131	137	96	96	70		306	32	274	0*
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
61	41	93	93	77	108	82	87	134		274	-15	289	2*
38	20	70	20	38	58	64	52	61		∞	-∞	-	3*
128	143	146	125	116	116	140	122	180	117.6	224	26	198	0
-	-	70	73	84	76	52	44	20		274	12	262	0*
84	84	-	41	41	-	-	-	-		250	-36	286	1*
146	186	77	67	79	96	79	70	108		239	6	245	1*
73	67	93	99	105	175	176	151	79	109.9	207	-12	219	1
160	122	157	82	128	108	70	70	76	122.4	239	00	239	0
108.3	113.8	125.3	109.9	113.2	156.6	119.7	106.3	100.1	107.5				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
6	76	146	1.98	6.47	159	356	515	0.45	-	0.55
114	116	87	7.11	5.22	815	375	1190	2.17	-	-
160	146	128	9.78	9.77	645	968	1613	0.67	-	1.44
116	148	116	6.36	9.32	918	591	1509	1.55	0.44	1.72
116	116	175	10.21	7.99	216	507	723	0.43	-	0.38
20	20	64	2.65	7.19	767	756	1523	1.01	0.78	1.09
-	-	-	-	-	1402	918	2320	1.53	1.62	-
122	116	-	4.64	-	865	700	1565	1.24	0.46	1.77
131	140	140	5.97	8.26	700	1121	1821	0.62	0.27	1.82
82	111	125	9.58	5.38	595	916	1511	0.65	1.73	1.79
111	99	58	8.88	6.53	861	761	1622	1.13	2.37	1.29
122	116	163	9.16	8.37	761	809	1570	0.94	0.78	1.52
102	105	116	8.44	9.51	645	914	1559	0.71	1.89	1.06
102	111	140	7.33	5.65	700	461	1161	1.52	-	2.34
93	96	55	6.98	2.15	809	813	1622	1.00	0.50	3.89
61	64	52	5.08	3.55	763	861	1624	0.89	-	0.69
64	82	82	2.98	4.37	320	356	676	0.90	2.65	1.12
55	61	93	5.75	9.08	813	754	1567	1.08	-	0.28
-90	-54	-	-3.31	-	756	865	1621	0.87	0.56	1.37
82	79	105	4.56	5.28	968	970	1938	0.99	0.22	-
151	122	134	5.41	8.75	536	1067	1603	0.50	-	1.66
-	-	-	-	-	865	1236	2101	0.70	-	1.48
-	-	23	-	1.32	1832	918	2750	2.00	-	-
61	67	23	5.87	-	813	700	1513	1.16	0.24	0.46
140	180	146	11.34	9.05	1023	964	1987	1.06	2.62	1.02
163	210	-	9.31	-	612	536	1148	1.14	-	-
146	137	82	6.21	3.14	591	815	1406	0.72	1.72	0.74
137	146	169	5.45	4.96	914	972	1886	0.94	0.64	0.63
93	76	67	5.22	6.30	429	861	1290	0.50	-	1.83
143	18	137	1.04	7.12	356	595	951	0.60	-	0.70
96	100	105	6.07	6.45	748	781	1529	0.96	1.15	0.91

COMPONENTE NORTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	7.9	2.6	11.4	16.7	14.9	12.3	14.0	15.8	15.8	19.3	35.6	35.6	24.6
2	6.1	7.0	13.2	6.1	2.6	2.6	- 4.6	- 9.4	- 4.6	4.4	5.3	3.5	2.6
3	1.8	5.3	3.5	3.5	- 2.8	- 2.8	- 4.6	- 7.5	- 4.6	4.4	5.3	2.6	1.8
4	0.9	0.9	- 0.9	- 1.9	- 2.8	- 6.6	- 4.6	- 4.6	- 4.6	- 3.7	5.3	5.3	2.6
5	1.8	0.9	2.6	3.5	- 1.9	- 3.7	- 3.7	- 2.8	2.6	- 1.9	5.3	7.0	1.8
6	1.8	5.3	3.5	3.5	1.8	- 2.8	- 3.7	- 3.7	- 4.6	- 5.6	6.1	4.4	2.6
7	19.3	23.7	20.2	17.6	8.8	17.6	15.8	13.2	19.3	17.6	26.3	22.8	12.3
8	16.7	23.7	24.6	17.6	13.2	12.3	14.9	14.9	8.8	10.5	15.8	18.4	22.8
9	21.0	26.3	26.3	24.6	26.3	19.3	17.6	13.2	18.4	18.4	20.2	17.6	15.8
10	18.4	26.3	26.3	24.6	17.6	12.3	15.8	15.8	12.3	12.3	15.8	18.4	14.0
11	28.9	19.3	20.2	13.2	10.5	12.3	14.0	7.0	12.3	15.8	14.9	17.6	15.8
12	2.6	7.9	12.3	9.7	12.3	10.5	8.8	8.8	9.7	14.0	14.9	16.7	13.2
13	19.3	17.6	14.0	14.0	9.7	7.0	6.1	4.4	5.3	7.9	14.0	14.0	12.3
14	4.4	9.7	13.2	11.4	8.8	9.7	7.0	1.8	2.6	8.8	15.8	14.0	12.3
15	7.0	8.8	16.7	12.3	11.4	18.4	16.7	10.5	7.0	- 1.9	14.0	14.0	8.8
16	7.9	10.5	9.7	8.8	8.8	7.9	4.4	- 3.7	- 4.6	6.2	10.5	8.8	9.7
17	11.4	15.8	16.7	18.4	15.8	18.4	19.3	12.3	3.5	3.5	7.9	10.5	10.5
18	31.6	31.6	28.9	24.6	20.2	18.4	18.4	10.5	4.4	5.3	12.3	11.4	11.4
19	15.8	20.2	19.3	22.8	21.1	16.7	26.3	17.6	-	-	-	-	-
20	15.8	10.5	8.8	12.3	10.5	14.0	14.0	10.5	7.0	3.5	8.8	12.3	9.7
21	11.4	15.8	16.7	21.1	22.8	21.1	24.6	25.5	21.1	14.9	10.5	11.4	8.8
22	10.5	11.4	9.7	11.4	8.8	13.2	9.7	7.0	-	-	-	-	-
23	27.2	26.3	32.5	31.6	28.1	28.1	27.2	22.8	19.3	26.3	15.8	27.2	23.7
24	-	-	-	-	-	-	-	-	-	-	-	-	-
25	17.6	16.7	11.4	6.2	3.5	1.8	1.8	- 2.8	- 2.8	- 0.9	1.8	7.0	5.3
26	5.3	5.3	5.3	4.4	1.8	1.8	9.7	8.8	3.5	5.3	4.4	6.2	5.3
27	8.8	11.4	15.8	24.6	30.7	37.1	42.4	24.6	21.1	15.8	20.2	19.3	14.9
28	29.8	29.0	18.4	17.6	14.0	19.3	14.0	7.9	7.0	23.7	15.8	17.6	12.3
29	20.2	19.3	16.7	18.4	14.9	18.4	18.4	8.8	2.6	3.5	12.3	11.4	12.3
30	24.6	33.4	36.4	29.0	30.7	37.9	43.9	26.3	17.6	16.7	21.1	20.2	15.8
31													
Prom	13.6	15.3	15.6	14.7	12.5	12.8	13.2	8.7	7.2	9.0	13.2	13.9	11.2
Var.	3.5	5.1	5.5	4.6	2.4	2.7	3.1	- 1.4	- 2.9	- 1.1	3.1	3.8	1.1

COMPONENTE ESTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	3.1	3.1	1.6	- 3.2	-16.0	-25.6	-19.2	- 8.0	-17.6	-19.2	-12.8	-12.8	-16.0
2	- 8.0	- 3.2	- 3.2	- 3.2	- 4.8	- 6.4	- 9.6	-19.2	-22.4	-25.6	-22.4	-24.0	-16.0
3	-11.2	- 3.2	- 1.6	- 3.2	-24.0	-22.4	-19.2	- 9.6	-20.8	-24.0	-16.0	-17.6	-16.0
4	4.8	4.8	3.1	- 3.2	-12.8	-22.4	-16.0	- 9.6	-17.6	-19.2	-14.4	-14.4	-14.4
5	- 4.3	- 2.8	- 4.3	- 5.7	-18.5	-27.9	-18.5	-14.2	-19.9	-19.9	-17.0	-15.6	-14.2
6	4.8	9.5	7.9	4.8	- 6.4	-14.4	- 6.4	3.1	-12.8	-14.4	- 4.8	- 9.6	- 4.8
7	3.1	11.0	6.3	7.9	- 3.2	- 6.4	-12.8	- 9.6	-12.8	-14.4	- 9.6	- 4.8	- 9.6
8	6.3	14.2	11.0	6.3	- 3.2	-11.2	- 4.8	- 1.6	-14.4	-17.6	-12.8	- 4.8	- 8.0
9	- 9.6	- 3.2	- 6.4	- 3.2	- 4.8	- 3.2	- 6.4	- 6.4	- 8.0	-17.6	- 8.0	-16.0	-12.8
10	- 4.8	9.5	6.3	6.3	- 6.4	- 9.6	- 3.2	4.8	- 4.8	- 8.0	- 6.4	- 8.0	- 9.6
11	7.9	9.5	4.8	3.1	-16.0	-19.2	-14.4	- 4.8	-12.8	-16.0	- 9.6	- 8.0	-11.2
12	9.5	7.9	6.3	4.8	-16.0	-24.0	-16.0	- 9.6	- 6.4	- 4.8	- 9.6	-11.2	- 6.4
13	11.0	14.2	9.5	4.8	-11.2	-17.6	-12.8	- 3.2	-14.4	-11.2	- 8.0	- 9.6	- 9.6
14	6.3	9.5	7.9	3.1	-11.2	-12.8	-14.4	- 4.8	- 4.8	- 6.4	- 8.0	-12.8	- 9.6
15	4.8	11.0	4.8	6.3	-11.2	-16.0	-12.8	- 4.8	-12.8	-19.2	- 9.6	- 9.6	- 8.0
16	- 3.7	0.9	0.9	0.9	- 3.7	- 2.8	- 3.7	-10.3	-11.3	-12.2	- 8.5	-11.3	- 5.6
17	- 4.8	7.9	3.1	4.9	-20.8	-25.6	-19.2	-11.2	-20.8	-22.4	-16.0	-14.4	- 8.0
18	- 3.2	3.1	1.6	- 1.6	-22.4	-25.6	-17.6	- 8.0	-12.8	-19.2	-16.0	- 9.6	-16.0
19	6.3	4.9	3.1	1.6	-14.4	-20.8	-14.4	- 6.4	-	-	-	-	-
20	1.6	6.3	3.1	1.6	-16.0	-24.0	-11.2	- 9.0	-22.4	-19.2	-12.8	-12.8	-11.2
21	7.9	11.2	3.1	6.3	- 9.6	-14.4	-11.2	- 8.0	-16.0	- 9.6	- 9.6	-16.0	-16.0
22	7.9	7.9	4.8	3.1	14.4	25.6	-16.0	- 8.0	-	-	-	-	-
23	3.1	9.4	9.4	9.4	7.9	3.1	1.6	3.1	- 4.8	1.6	4.8	1.6	7.9
24	-	-	-	-	-	-	-	-	-	-	-	-	-
25	- 3.2	1.6	- 1.6	1.6	-16.0	-20.8	- 8.0	- 1.6	- 9.6	- 9.6	- 3.2	- 3.2	- 3.2
26	1.6	4.8	- 1.6	1.6	-11.2	-19.2	- 3.2	- 8.0	- 9.6	- 3.2	- 8.0	-12.8	- 8.0
27	3.1	6.3	- 1.6	1.6	-12.8	-20.8	-12.8	- 9.6	-12.8	-17.6	-11.2	- 9.6	-11.2
28	- 3.2	1.6	- 4.8	- 3.2	-19.2	-27.2	-20.8	-12.8	-12.8	- 9.6	-14.4	-17.6	-16.0
29	- 1.6	- 1.6	- 1.6	- 3.2	-19.2	-28.8	-17.6	-14.4	-24.0	-25.6	-11.2	- 9.4	-12.8
30	- 8.0	1.6	- 1.6	- 1.6	- 6.4	-12.8	-11.2	-19.2	-20.8	-19.2	-17.6	-22.4	-14.4
31													
Prom	0.9	5.4	2.4	1.7	-10.9	-15.6	-12.1	- 7.6	-14.1	-15.0	-10.8	-11.7	-10.4
Var.	8.2	12.7	9.7	9.0	- 3.6	- 8.3	- 4.8	- 0.3	- 6.8	- 7.7	- 3.5	- 4.4	- 3.1

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
9.7	9.7	- 3.7	-10.3	- 3.7	1.8	3.5	3.5	11.4	6.1	2.6	10.9	2
-11.3	- 3.7	- 7.5	- 1.9	- 8.5	- 5.6	6.1	- 1.9	- 5.6	1.8	2.6	0.0	2
- 8.5	- 8.5	- 8.5	- 8.5	- 4.6	- 1.9	- 3.7	- 5.6	- 0.9	- 5.6	- 4.6	- 2.4	1
- 8.5	- 4.6	- 3.7	- 7.5	- 6.6	- 0.9	- 2.8	- 5.6	4.4	- 4.6	- 1.9	- 2.3	1
- 9.4	-10.3	- 9.4	- 9.4	-17.8	-11.3	- 9.4	2.6	8.8	8.8	5.3	- 1.6	2
- 3.7	5.3	- 4.6	- 3.7	- 4.6	- 7.5	- 5.6	9.7	10.5	18.4	23.7	1.9	1
3.5	8.8	10.5	8.8	12.3	7.9	11.4	14.9	14.9	13.2	21.1	15.0	2
14.9	18.4	14.9	8.8	7.0	14.0	13.2	14.0	19.3	21.0	19.3	15.0	2
15.8	14.9	7.9	11.4	8.8	12.3	13.2	14.9	12.3	20.2	21.1	17.4	2
17.6	17.6	15.8	9.7	11.4	16.7	13.2	17.6	19.3	26.3	25.5	17.5	2
8.8	7.0	6.2	6.2	7.0	8.8	10.5	8.8	8.8	14.0	14.0	12.5	1
8.8	7.0	6.2	5.3	7.0	2.6	6.2	7.0	12.3	15.8	15.8	9.8	1
9.7	5.3	5.3	3.5	7.0	7.0	7.9	9.7	11.4	10.5	10.5	9.7	0
6.2	3.5	0.9	5.3	2.6	1.8	5.3	11.4	7.0	10.5	7.0	7.5	0
4.4	- 1.9	- 1.9	- 3.7	- 0.9	- 1.9	5.3	10.5	9.7	10.5	8.8	7.6	1
1.8	1.8	- 1.9	- 0.9	1.8	1.8	- 1.9	5.3	-	14.9	11.4	5.2	1
- 1.9	- 4.6	- 5.6	- 3.7	4.4	6.2	9.7	14.9	23.7	24.6	26.3	10.8	2
6.2	2.6	- 1.9	7.0	5.3	2.6	7.9	7.0	7.9	7.0	9.7	12.1	1
-	-	5.3	8.8	9.7	6.2	4.4	5.3	8.8	9.7	6.2	13.2	2
7.9	1.8	- 5.6	0.9	7.0	1.8	4.4	4.4	5.3	8.8	7.9	7.6	1
7.9	1.8	- 0.9	0.9	0.9	1.8	3.5	1.8	6.2	8.8	6.2	11.0	1
-	-	-	17.6	22.8	24.6	24.6	29.0	37.1	26.3	26.3	18.1	2
19.3	20.2	21.1	21.1	21.1	20.2	23.7	22.0	22.8	-	-	24.0	2
-	-	-	9.7	10.5	10.5	14.9	13.2	16.7	16.7	14.9	13.4	1
2.6	1.8	0.9	0.9	0.9	1.8	2.6	1.8	3.5	4.4	4.4	3.8	0
1.8	1.8	2.6	0.9	2.6	2.6	3.5	4.4	5.3	8.8	8.8	4.6	1
11.4	8.8	7.9	2.6	5.3	4.4	8.8	8.8	11.4	19.3	19.3	16.4	2
6.2	3.5	3.5	7.9	5.3	4.4	9.7	9.7	13.2	12.3	17.6	13.3	2
11.4	8.8	7.0	13.2	9.7	10.5	14.9	15.8	15.8	19.3	22.0	13.6	2
9.7	9.7	8.8	10.5	11.4	9.7	20.2	27.2	22.8	52.1	47.6	24.3	2
5.3	4.7	2.5	3.7	4.5	5.1	7.5	9.4	11.9	13.8	13.8	10.1	
- 4.9	- 5.4	- 7.6	- 6.4	- 5.6	- 5.1	- 2.6	- 0.7	1.7	3.7	3.6		

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-12.8	- 9.6	- 9.6	-19.2	-19.2	- 9.6	-14.4	- 9.6	- 6.4	3.1	1.6	-10.2	1
-22.4	-19.2	-17.6	-24.0	-20.8	-19.2	-22.4	-17.6	-19.2	- 6.4	- 4.8	-14.9	0
-16.0	-17.6	-12.8	-14.4	-24.0	-14.4	-12.8	-12.8	-11.2	- 3.2	- 3.2	-13.8	2
6.3	9.5	-	-	-	-	-	-14.2	-11.4	- 7.1	- 4.3	- 8.0	2
4.8	6.3	6.3	- 3.2	- 6.4	- 1.6	- 3.2	3.1	4.8	9.5	9.5	- 6.3	2
- 6.4	4.8	- 8.0	- 9.6	-12.8	- 4.8	- 8.0	- 3.2	3.1	7.9	6.3	- 3.1	0
-11.2	- 3.2	4.8	- 3.2	-11.2	- 6.4	- 4.8	1.6	4.8	6.3	6.3	- 2.9	1
- 9.6	- 3.2	-12.8	-16.0	-17.6	-12.8	-11.2	- 6.4	4.8	6.3	4.8	- 4.6	1
- 8.0	-11.2	-19.2	-17.6	-17.6	-12.8	-11.2	-11.2	-12.8	4.8	1.6	- 9.2	1
- 8.0	- 6.4	- 4.8	- 6.4	-16.0	- 9.6	-11.2	- 8.0	- 4.8	4.8	6.3	- 4.0	0
-11.2	- 6.4	- 6.4	- 9.6	-22.4	-14.4	- 9.6	- 9.6	- 4.8	6.3	6.3	- 6.3	1
-11.2	- 8.0	- 8.0	-12.8	-19.2	-14.4	- 6.4	-12.8	- 9.6	6.3	7.9	- 6.1	1
- 4.8	- 9.6	- 9.6	- 8.0	-17.6	- 9.6	- 8.0	- 8.0	- 3.2	3.1	4.8	- 5.4	0
- 9.6	- 8.0	-14.4	-12.8	-19.2	- 9.6	- 6.4	- 9.6	- 6.4	7.9	6.3	- 5.3	1
- 6.4	- 8.0	-12.8	-12.8	-16.0	-14.4	-12.8	- 1.6	- 3.2	4.8	4.8	- 5.9	0
-11.3	- 9.4	-	-	-	-	-	-	-	0.9	- 0.9	- 5.4	1
- 8.0	1.6	4.8	-11.2	-14.4	- 8.0	-16.0	-11.2	- 3.2	3.1	3.1	- 8.6	1
-12.8	- 9.6	- 6.4	-16.0	-20.8	-20.8	- 9.6	- 9.6	- 4.8	3.1	4.8	-10.4	2
-	-	- 3.2	-12.8	-14.4	- 8.0	- 9.6	- 9.6	- 6.4	3.1	3.1	- 5.8	1
-11.2	- 6.4	- 4.8	-11.2	-17.6	-12.8	-12.8	- 8.0	- 6.4	3.1	4.8	- 8.7	1
-17.6	- 9.6	-12.8	-12.8	-22.4	-12.8	- 6.4	- 9.6	1.6	3.1	4.8	- 7.4	1
-	-	-	-17.6	-12.8	- 3.2	- 4.8	- 3.2	4.8	7.9	7.9	1.2	1
7.9	7.9	11.0	4.8	- 1.6	- 1.6	1.6	4.8	1.6	-	-	4.3	1
-	-	-	- 1.6	1.6	3.1	3.1	4.8	7.9	11.0	14.2	5.5	0
- 1.6	- 1.6	- 3.2	- 6.4	-12.8	- 8.0	- 4.8	- 9.6	1.6	3.1	4.8	- 4.8	1
-12.8	-12.8	- 9.6	-14.4	-16.0	-11.2	-14.4	-12.8	- 8.0	1.6	1.6	- 7.7	2
-14.4	- 8.0	-11.2	-16.0	-17.6	-12.8	-11.2	- 9.6	- 3.2	1.6	1.6	- 8.7	1
-12.8	-12.8	-11.2	-12.8	-22.4	-14.4	-11.2	-14.4	- 6.4	- 3.2	- 1.6	-11.8	1
-16.0	- 9.6	-12.8	-22.4	-22.4	-19.2	-12.8	- 2.8	- 8.0	- 3.2	- 1.6	-12.6	2
-16.0	-16.0	-17.6	-17.6	-14.4	-20.8	-22.4	-11.2	-16.0	- 4.8	- 9.6	-13.3	0
- 9.4	- 6.5	- 7.8	-12.0	-16.0	-10.9	- 9.4	- 7.6	- 4.2	2.9	3.1	- 7.3	
- 2.1	0.8	- 0.5	- 4.7	- 8.7	- 3.6	- 2.1	- 0.3	3.1	10.2	10.4		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	57.4	57.4	57.4	57.5	57.5	57.7	59.7	61.0	60.4	60.5	60.4	59.5	59.0	57.8	57.3
2	59.5	59.5	59.3	59.5	60.2	60.4	60.8	61.4	61.4	61.4	61.5	61.5	61.2	61.0	61.0
3	62.0	61.7	61.2	61.1	61.1	61.1	61.4	61.7	61.7	61.5	61.3	61.0	60.7	60.2	59.9
4	60.8	60.8	60.6	60.4	60.7	61.0	61.2	61.4	61.4	61.2	61.1	60.9	60.1	59.8	59.4
5	59.8	59.7	59.5	59.4	59.4	59.3	59.4	59.6	59.4	59.3	58.6	58.1	57.5	56.6	56.2
6	55.5	55.4	55.0	54.7	54.7	54.6	54.6	54.4	53.9	53.6	53.5	52.8	52.4	51.4	50.6
7	49.1	49.0	48.9	49.0	49.1	49.3	49.4	49.4	48.9	49.1	49.0	48.5	48.6	49.0	50.6
8	57.0	56.9	56.8	58.4	58.7	58.5	59.2	60.0	60.3	60.4	60.7	60.9	60.8	60.3	60.4
9	61.4	61.3	61.1	61.0	61.1	61.2	61.2	61.2	61.1	60.4	60.2	59.3	58.1	56.8	56.3
10	53.0	52.7	52.7	52.6	52.6	52.7	52.9	53.3	53.3	53.7	53.1	53.7	53.6	53.4	53.6
11	57.3	57.7	57.6	57.4	57.5	57.6	58.4	58.8	58.9	58.9	58.8	58.7	58.5	58.2	58.2
12	59.9	59.9	59.6	59.6	60.0	60.2	60.4	61.0	61.1	61.0	60.8	60.2	59.9	59.2	59.0
13	60.1	60.1	60.0	60.2	60.6	61.0	61.1	61.6	61.6	61.6	61.3	61.1	60.7	60.4	60.3
14	60.4	60.4	60.3	60.3	60.3	60.2	60.4	60.8	60.9	61.0	60.9	60.3	59.5	59.2	58.9
15	58.0	57.4	57.2	57.1	57.2	57.6	57.8	58.2	58.2	58.1	57.7	57.4	56.6	56.0	55.5
16	55.2	55.6	55.3	55.0	54.5	55.3	55.4	55.6	56.3	56.3	56.3	56.3	56.0	55.6	55.6
17	57.5	57.4	57.5	57.8	58.4	58.5	58.6	59.4	59.4	59.0	58.5	58.4	57.5	57.1	56.8
18	56.7	56.5	56.4	55.9	55.9	55.9	55.9	55.9	55.7	55.8	55.5	55.1	54.3	53.6	52.8
19	48.8	48.8	48.2	47.8	47.8	47.6	47.7	48.4	48.4	48.9	48.8	48.4	49.2	49.6	49.7
20	53.3	53.7	54.8	54.3	56.7	56.8	56.8	57.0	57.5	57.5	57.7	57.4	56.8	56.6	57.0
21	58.7	58.7	58.7	58.7	58.8	59.1	59.2	59.8	59.6	59.3	59.1	58.5	57.9	57.4	57.0
22	55.8	55.6	54.9	55.0	54.9	55.0	54.9	54.6	55.9	55.4	54.7	53.6	52.9	52.6	53.4
23	54.0	53.9	53.6	53.2	53.2	52.7	52.9	53.6	53.0	52.1	52.0	51.7	51.2	51.4	51.4
24	54.0	54.9	54.4	54.8	55.0	55.7	56.0	56.9	56.9	56.9	56.9	56.9	56.7	56.9	57.1
25	59.9	59.9	59.9	59.9	60.0	60.3	60.5	61.4	61.4	61.5	61.5	61.3	60.6	60.8	60.9
26	63.0	63.0	63.0	63.0	63.1	63.4	63.9	64.8	64.9	65.1	65.3	65.2	65.0	65.0	65.0
27	65.9	65.9	65.4	64.9	64.9	64.8	64.8	64.8	64.7	64.6	64.2	63.7	63.0	62.7	62.2
28	61.9	61.9	61.7	61.5	61.4	61.6	61.8	61.6	61.2	61.0	60.5	59.9	59.0	58.1	57.6
29	56.1	56.1	56.1	56.0	56.0	56.2	56.4	56.6	56.5	56.5	56.4	56.4	56.0	55.8	55.7
30	56.4	56.4	56.3	55.8	55.7	55.7	55.8	56.3	56.2	56.0	55.9	55.2	55.1	54.6	54.3
31															
Prom	57.6	57.6	57.4	57.4	57.6	57.7	58.0	58.4	58.3	58.2	[illegible]	57.7	57.3	56.9	56.8

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	12.2	14.4	14.5	15.2	15.4	16.0	14.7	13.6	13.8	13.8	14.8	15.0	15.5	16.2	16.2
2	11.6	11.4	9.4	8.6	8.0	7.3	7.3	11.2	13.1	14.6	15.7	16.9	17.9	18.5	18.4
3	5.7	5.5	5.6	5.3	5.1	5.3	6.4	12.9	15.3	17.8	19.4	20.6	20.9	21.8	21.9
4	12.2	12.3	12.4	12.4	12.0	12.0	12.6	16.6	19.0	21.9	23.6	25.1	26.1	26.2	26.1
5	16.1	15.2	14.4	13.7	13.6	13.2	13.5	16.3	18.7	20.0	21.9	23.1	24.4	25.0	25.2
6	20.8	20.8	21.0	21.0	20.9	20.9	19.8	20.8	21.2	23.0	25.0	24.0	24.9	27.7	29.1
7	25.4	24.9	24.6	24.2	23.8	23.6	23.6	24.2	27.9	27.4	28.0	32.7	35.9	29.2	25.4
8	15.1	14.8	14.9	14.8	14.8	14.8	14.1	13.8	15.6	18.4	20.2	21.8	22.8	23.6	23.3
9	11.5	9.6	8.5	7.8	7.9	10.1	13.9	17.2	19.5	20.4	20.9	21.7	22.9	23.5	23.8
10	20.1	20.1	20.1	20.0	20.0	20.1	20.0	20.0	20.5	22.1	23.3	24.0	24.2	24.4	24.8
11	12.4	11.3	11.2	10.9	10.4	10.5	10.0	14.1	17.2	20.1	21.9	23.1	23.9	24.4	24.8
12	13.2	12.8	13.2	13.2	12.7	12.8	12.6	16.4	19.3	21.4	23.0	24.2	24.9	25.0	24.4
13	14.5	15.7	16.1	16.1	15.6	15.5	15.6	17.6	19.7	21.8	23.8	24.9	25.7	26.3	25.7
14	17.9	16.9	16.2	16.2	15.6	15.5	15.6	18.5	20.4	22.5	24.6	25.3	26.3	27.1	26.4
15	19.4	19.1	19.2	18.8	18.6	18.6	18.8	20.5	21.8	23.9	25.5	26.9	27.0	26.8	26.2
16	21.3	20.8	19.7	19.6	19.6	19.7	19.6	19.8	21.3	23.5	25.4	26.6	27.3	28.1	26.9
17	20.1	19.9	20.0	19.4	18.8	18.6	18.2	21.7	24.4	25.6	26.3	26.8	26.7	26.8	26.8
18	18.6	18.6	18.7	18.7	18.8	18.9	18.9	20.6	22.7	24.5	26.2	27.8	28.4	29.0	28.9
19	22.6	22.6	22.2	22.0	21.9	22.1	22.5	24.8	26.7	27.6	27.5	26.8	19.6	18.4	19.6
20	16.0	16.0	15.6	14.4	13.9	13.5	13.4	13.4	15.1	17.1	18.8	19.5	20.3	21.3	21.2
21	[illegible]	8.5	8.8	9.2	[illegible]	9.4	9.5	10.8	13.7	17.2	19.0	19.3	20.2	21.2	21.1
22	[illegible]	17.5	[illegible]	17.6	17.6	17.7	17.7	18.4	18.6	18.5	18.9	19.8	19.8	19.8	19.2
23	[illegible]	19.4	19.4	19.3	19.3	19.2	19.3	19.2	19.1	19.1	19.2	19.3	19.5	19.6	19.5
24	12.4	12.6	11.4	10.8	10.8	10.7	10.6	10.6	10.6	10.7	11.1	11.2	11.2	11.0	10.7
25	9.3	9.4	9.3	9.4	9.1	8.7	8.8	9.8	9.9	11.1	12.6	14.0	15.2	15.9	15.8
26	[illegible]	[illegible]	5.5	5.4	5.0	4.3	3.9	7.2	10.0	12.4	14.7	16.1	16.0	17.0	16.5
27	[illegible]	5.1	4.6	4.2	3.7	3.5	3.5	7.6	11.7	13.9	14.3	15.6	15.6	15.5	15.4
28	[illegible]	7.9	8.0	7.9	7.9	8.0	8.2	10.6	13.1	15.1	16.4	18.2	19.1	19.3	19.3
29	11.4	11.7	11.8	11.5	11.1	11.0	11.1	13.2	15.5	17.4	19.4	21.4	22.9	23.3	23.1
30	[illegible]	11.4	11.1	10.9	11.0	11.2	11.1	13.2	16.0	18.0	19.9	20.7	21.2	21.2	20.9
31															
Prom	[illegible]	[illegible]	14.2	14.0	13.7	13.8	13.8	15.8	17.7	19.0	20.7	21.7	22.2	22.4	22.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
57.4	57.7	57.9	58.4	58.6	59.2	59.3	59.2	59.3	60.9	10-11	57.3	15	3.6	758.6 mm.	1011.4 mb.
61.0	61.1	61.2	61.2	61.4	61.7	62.1	62.2	62.2	62.3	22-23	59.2	2-3	3.1	61.0	1014.6
59.4	59.0	59.0	59.2	59.7	59.9	60.3	60.7	60.7	62.2	0	59.0	17-18	3.2	60.6	1014.1
59.2	59.2	59.3	59.3	59.4	59.5	59.6	59.7	59.8	61.5	8-9	59.2	16,17	2.3	60.2	1013.6
55.6	55.1	54.6	54.7	54.9	54.9	54.9	54.9	55.4	59.9	0-1	54.6	18	5.3	57.4	1009.8
50.0	49.8	49.8	49.8	49.8	49.7	49.7	49.5	49.3	55.5	1	49.3	24	6.2	52.3	1003.0
51.6	52.4	53.4	53.4	54.9	55.3	55.4	56.3	57.1	57.1	24	48.4	13-14	8.7	51.1	1001.4
60.4	60.2	60.8	61.0	61.4	61.9	61.7	61.5	61.4	61.9	21	56.8	3	5.1	60.0	1013.3
55.4	55.0	54.6	54.2	54.1	54.0	54.1	53.5	53.3	61.5	0-1	53.3	24	8.2	57.9	1010.5
53.8	54.1	54.7	55.1	55.4	56.3	56.7	56.9	57.0	57.0	24	52.6	4,5	4.4	54.0	1005.3
58.1	58.1	58.1	58.5	58.9	59.0	59.2	59.3	59.4	59.4	24	57.0	0	2.4	58.4	1011.2
59.0	59.0	58.9	59.1	59.4	60.0	60.2	60.2	60.1	61.1	9	58.9	18	2.2	59.9	1013.2
60.4	60.1	60.1	60.5	60.6	60.8	60.6	60.5	60.4	61.6	8,9,10	60.0	3	1.6	60.6	1014.1
58.7	58.7	58.6	58.5	58.6	58.4	58.1	58.0	58.0	61.0	10	58.0	23,24	3.0	59.6	1012.8
55.3	55.4	55.3	55.6	56.4	56.4	56.4	56.3	56.3	58.2	8-9	55.2	18-19	3.0	56.8	1009.0
55.6	55.9	56.3	56.6	57.0	57.5	57.7	57.6	57.5	57.7	22	54.3	5	3.4	56.1	1008.1
56.6	56.5	56.5	57.1	57.2	57.1	57.1	56.9	56.8	59.4	8,9	56.8	24	2.6	57.6	1010.1
52.2	51.8	51.1	50.9	50.5	50.5	50.1	49.6	49.0	56.8	0	49.0	24	7.8	53.6	1004.8
49.8	50.3	51.0	52.0	52.6	52.6	52.6	52.7	53.5	53.5	24	47.5	6-7	6.0	49.8	999.7
57.1	57.2	57.2	57.4	57.9	58.2	58.2	58.4	58.7	58.9	4-5	53.3	1	5.6	56.8	1009.0
56.9	56.8	56.5	56.5	56.3	56.4	56.5	56.2	55.8	59.8	8	55.8	24	4.0	57.8	1010.4
53.2	52.9	53.2	53.3	53.4	53.6	53.7	53.8	53.8	55.8	0,1	52.6	14	3.2	54.2	1005.6
51.2	51.9	52.3	52.9	53.8	54.1	54.9	54.0	53.7	54.9	22	51.2	13,16	3.7	52.9	1003.8
57.5	57.6	58.2	58.6	59.1	59.4	59.5	59.6	59.8	59.8	24	53.7	0	6.1	57.0	1009.3
61.2	61.4	61.3	62.0	62.3	62.4	62.6	62.7	63.0	63.0	24	59.8	0	3.2	61.2	1014.9
65.2	65.2	65.5	65.8	65.9	66.0	66.1	66.2	66.0	66.2	23	62.9	0-1	3.3	64.8	1019.7
61.9	61.8	61.8	61.8	62.0	62.1	62.6	62.3	62.1	66.0	0	61.8	17,18,19	4.2	63.5	1018.0
57.0	57.0	57.0	56.9	56.9	56.7	56.8	56.5	56.5	62.1	0	56.5	23,24	5.6	59.2	1012.1
55.7	55.8	56.1	56.4	56.6	56.5	56.6	56.5	56.4	56.7	22-23	55.7	15,16	1.0	56.2	1008.2
54.0	53.7	53.7	53.8	53.8	53.9	54.2	54.2	54.0	56.5	0-1	53.5	17-18	3.0	55.0	1006.6
56.7	56.7	56.8	57.0	57.3	57.5	57.6	57.6	57.5	59.6		55.4		4.2	57.5	1010.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
16.1	16.1	15.7	14.6	13.6	12.7	12.4	12.4	12.2	16.3	14-15	12.2	1,24	4.1	14.5
18.0	17.0	14.7	11.6	9.4	8.5	7.5	7.5	6.6	18.5	14	6.6	24	11.9	12.1
21.8	20.5	17.3	15.1	13.8	13.2	12.5	12.4	12.2	21.9	15	5.0	6-7	16.9	13.7
25.9	24.0	20.9	19.3	17.8	17.0	15.9	16.5	16.5	26.2	14	11.9	6-7	14.3	18.5
25.0	23.2	21.0	20.0	18.4	18.9	20.1	20.8	20.8	25.3	15-16	13.2	6	12.1	19.3
29.8	28.9	27.8	27.5	26.6	26.6	26.7	26.2	25.6	29.8	16	19.7	6-7	10.1	24.4
24.1	22.7	21.0	19.3	17.7	17.5	16.9	16.5	15.6	36.0	12-13	15.6	24	20.4	23.8
22.9	20.2	16.4	13.6	12.8	12.8	12.2	11.7	11.7	23.6	14	13.8	8	9.8	16.5
23.9	23.2	21.1	19.5	19.8	20.0	19.9	19.9	20.1	23.9	16	7.6	5,6	16.3	17.8
24.4	22.7	19.6	17.4	15.4	14.4	14.1	13.5	12.7	25.1	14-15	12.7	24	12.4	20.0
24.6	22.6	19.6	17.5	16.3	15.3	14.5	14.6	14.5	25.0	14-15	10.0	7	15.0	16.9
23.3	21.6	19.1	18.0	16.6	16.4	15.3	14.6	14.1	25.0	14	12.2	6-7	12.8	17.8
25.0	23.4	21.2	19.1	18.4	18.2	18.2	18.3	18.2	26.3	14	13.9	0-1	12.4	19.8
25.3	23.6	21.5	20.2	19.1	19.1	19.2	19.3	19.4	27.1	14	15.5	6	11.6	20.5
24.8	23.5	22.4	22.0	21.2	21.2	21.2	21.3	21.3	27.5	12-13	18.5	6-7	9.0	22.1
26.5	25.3	23.6	22.5	22.0	21.6	20.8	20.6	20.7	28.1	14	19.6	7	8.5	22.6
26.6	24.7	22.5	21.3	21.0	20.6	20.2	20.1	19.4	26.9	14-15	17.7	6-7	9.2	22.4
28.4	26.8	24.7	23.8	23.5	23.4	22.9	22.6	22.6	29.0	14	18.6	1,2	10.4	23.2
19.6	19.6	19.4	18.3	17.6	17.4	16.3	15.8	15.8	28.1	10-11	15.7	22-23	12.4	21.1
21.0	18.9	15.4	13.3	11.4	10.4	9.5	9.1	8.9	21.3	14	8.9	24	12.4	15.3
21.0	19.9	17.0	17.1	17.3	17.3	17.4	17.4	17.5	21.2	14	8.1	1-2	13.1	15.3
19.1	19.4	19.6	19.6	19.6	19.6	19.6	19.5	19.4	19.8	12,13,14	17.4	0-1	2.4	18.8
19.4	19.3	19.1	17.5	15.2	14.0	13.3	12.0	12.1	19.6	14	11.9	23-24	7.7	18.0
10.6	10.4	10.0	9.7	9.0	9.0	9.0	9.1	9.2	12.6	2	9.0	20,21,22	3.6	10.5
15.4	14.3	11.9	9.6	8.2	7.2	7.0	6.3	6.4	15.9	15	6.3	23	9.6	10.6
15.3	14.8	11.7	10.5	8.2	7.4	6.8	6.2	5.6	17.0	14	3.9	7	13.1	9.7
15.2	14.1	11.7	9.6	8.6	8.2	8.2	7.9	7.8	15.6	12,13	3.3	6-7	12.3	9.6
19.0	17.5	14.7	13.4	13.3	13.1	12.4	12.0	11.6	19.3	14,15	7.7	1	11.6	13.1
22.9	20.7	16.6	15.0	13.6	12.9	12.1	11.1	11.3	23.3	14	11.0	6	12.3	15.5
20.1	18.4	16.3	15.2	14.7	14.1	13.5	13.5	13.5	21.2	13,14	10.9	4	10.3	15.4
21.8	20.6	18.5	17.1	16.0	15.6	15.2	15.0	14.8	23.2		11.9		11.3	23.2

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	94	90	93	93	91	91	90	93	91	91	88	76	76	77	75
2	93	86	93	93	91	94	85	69	50	40	41	39	39	37	33
3	92	93	93	92	94	93	81	77	61	51	44	40	38	35	37
4	88	90	90	92	93	91	77	62	57	49	45	41	38	37	37
5	58	62	70	76	76	81	75	67	61	57	53	47	45	44	44
6	73	73	70	68	70	75	75	72	71	66	64	67	66	59	55
7	66	68	71	74	75	76	75	75	60	74	68	47	35	64	68
8	88	85	84	84	85	83	81	84	61	47	44	41	38	35	35
9	93	96	99	99	99	87	70	64	54	47	47	45	42	43	45
10	90	93	98	97	97	97	98	98	94	94	74	72	56	57	55
11	86	87	83	88	84	87	94	74	65	55	46	48	47	44	44
12	96	97	96	96	97	97	98	83	74	65	62	53	52	52	55
13	94	82	84	87	92	93	94	84	78	72	66	60	59	56	57
14	84	88	93	93	96	96	96	84	80	70	65	60	59	58	56
15	86	91	93	96	96	96	97	90	83	75	66	59	67	64	66
16	89	91	94	94	89	91	93	91	80	74	67	63	61	59	68
17	94	91	93	95	95	96	96	89	80	76	73	71	74	68	65
18	97	97	92	92	93	94	95	91	84	80	71	64	59	48	49
19	87	88	88	88	88	85	82	76	67	66	65	71	94	83	74
20	77	61	63	69	76	80	86	86	66	49	38	41	41	33	29
21	98	99	99	99	99	100	100	100	85	73	55	49	47	43	46
22	85	87	91	87	90	91	92	92	90	95	91	92	92	91	97
23	97	97	97	97	97	98	98	98	97	96	97	97	95	94	94
24	91	91	96	96	97	96	96	95	92	88	86	86	93	95	95
25	92	90	94	93	93	93	95	89	86	75	70	53	51	42	46
26	88	93	94	94	94	96	99	88	80	73	63	62	57	57	65
27	97	93	95	95	97	98	97	94	64	58	52	49	52	53	54
28	97	95	98	98	99	99	99	90	77	67	62	60	59	56	51
29	93	90	92	95	96	96	96	84	67	57	51	49	48	44	46
30	99	99	99	98	98	98	95	84	75	67	59	57	52	52	55
31															
Prom.	89	88	90	91	91	91	90	84	74	68	62	59	58	56	56

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.5	10.5	11.0	11.5	12.0	12.5	10.5	10.8	10.5	10.5	11.0	9.5	10.0	10.6	9.5
2	9.0	8.5	8.0	7.6	7.4	7.0	6.2	6.8	5.2	4.6	5.6	5.4	5.6	5.9	5.5
3	6.2	6.2	6.2	6.0	6.0	6.0	5.8	8.5	8.0	7.8	7.0	6.8	6.8	6.6	7.2
4	9.0	9.0	9.0	9.5	9.5	9.5	8.5	8.7	9.0	9.0	9.0	10.0	9.0	9.4	9.0
5	7.8	8.0	8.0	9.0	9.0	9.0	8.0	9.3	10.0	10.0	10.0	10.0	9.5	10.3	10.0
6	13.0	13.0	12.5	12.5	12.0	13.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.3	15.5
7	16.0	15.5	16.5	16.0	15.5	16.5	15.5	16.9	16.0	19.5	19.0	17.5	14.0	19.1	16.0
8	11.0	10.0	10.0	10.0	10.0	10.0	9.5	9.9	8.0	7.4	7.4	8.0	7.8	7.7	7.0
9	9.0	8.5	8.0	7.6	7.6	8.0	7.8	9.4	8.5	8.5	8.5	8.0	8.5	9.3	9.0
10	15.0	16.0	17.0	17.0	17.0	17.0	17.0	17.0	16.5	18.0	15.5	16.0	13.0	13.0	12.0
11	9.0	8.5	8.0	8.5	7.6	8.0	8.5	8.8	9.0	9.0	9.0	10.0	10.0	9.9	10.0
12	11.0	10.5	11.0	11.0	10.5	10.5	10.5	11.6	12.0	11.5	13.0	11.5	12.0	12.4	12.0
13	11.0	11.0	11.0	11.5	12.0	12.0	12.0	12.6	13.0	13.5	14.5	13.5	14.0	14.6	14.0
14	12.5	12.5	12.5	12.5	12.5	12.5	12.5	13.5	13.5	13.5	14.0	13.5	14.5	15.6	14.5
15	14.5	15.0	15.0	15.5	15.5	15.5	15.5	16.1	16.0	16.0	16.0	15.0	17.5	17.6	17.0
16	16.5	16.5	15.5	15.5	14.5	15.5	15.5	15.6	14.5	15.5	16.0	16.0	16.5	16.8	17.5
17	16.0	16.0	16.0	15.5	14.5	15.5	15.0	17.2	17.5	18.5	18.5	18.5	18.5	17.7	16.0
18	15.5	15.5	14.5	14.5	14.5	15.0	15.0	16.3	16.5	17.5	18.0	17.0	16.5	14.3	14.0
19	17.5	17.5	17.5	17.0	17.0	16.0	16.5	17.6	17.5	18.5	18.5	19.0	15.5	13.0	12.0
20	10.5	8.5	8.0	8.0	9.0	8.5	10.0	9.9	8.5	6.8	6.0	7.2	7.4	6.2	5.2
21	7.8	8.0	8.0	8.0	8.5	8.5	8.5	9.6	9.5	10.5	8.5	7.8	8.0	8.2	8.5
22	12.0	13.0	13.5	13.0	13.0	13.5	13.5	13.5	13.5	14.5	15.0	15.5	15.5	15.6	16.0
23	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.0	16.0	16.0	16.0	15.5	16.0	15.5
24	9.0	10.0	9.5	9.0	9.0	9.0	9.0	9.0	8.5	8.0	8.5	8.5	9.0	9.3	8.5
25	8.0	7.6	8.0	8.0	7.8	7.6	7.8	8.1	7.8	7.0	7.2	6.2	6.6	5.7	6.4
26	6.2	6.4	6.2	6.2	6.0	6.0	5.8	6.7	7.0	7.6	7.8	8.5	8.0	8.5	8.5
27	6.4	6.0	5.8	5.6	5.8	5.6	5.6	7.4	6.4	6.8	6.4	6.2	6.8	6.9	6.8
28	7.6	7.2	7.8	7.6	7.6	7.8	7.8	8.6	8.5	8.5	8.5	9.0	9.5	9.3	8.5
29	9.0	9.0	9.5	9.0	9.5	9.5	9.5	9.5	8.5	8.5	8.5	9.0	9.5	9.5	10.0
30	9.5	9.5	9.5	9.0	9.0	9.0	9.0	9.5	9.5	10.0	10.0	10.0	9.5	9.8	9.5
31															
Prom.	11.0	11.0	11.0	10.9	10.9	11.0	10.8	11.6	11.3	11.6	11.6	11.5	11.3	11.5	11.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
78	72	80	87	89	93	94	95	96	95	23	69	13-14	26	87
32	26	54	65	79	79	84	79	89	96	0	32	16	64	66
39	48	65	78	82	84	89	87	88	94	5	35	14	59	70
41	48	51	58	65	73	82	62	56	94	5-6	35	14-15	59	63
50	61	74	81	83	76	71	71	73	89	19-20	43	14-15	46	65
54	58	61	61	63	60	61	63	65	76	6-7	54	16	22	65
68	69	77	84	90	83	84	85	88	90	20	34	13-14	56	72
35	42	54	75	81	80	81	85	89	89	0-1	34	13-14	55	66
49	56	71	79	82	85	88	90	89	100	5-6	44	10-11	56	72
48	51	65	72	83	86	84	81	81	99	7-8	46	15-16	53	80
48	66	84	86	85	90	94	89	90	94	22	42	13-14	52	74
56	60	79	79	85	85	90	94	94	94	23,24	51	13-14	43	78
57	63	79	89	88	85	82	79	82	95	0-1	56	14	39	76
60	71	78	88	87	85	85	84	82	96	5,6,7	54	15-16	42	79
73	78	81	85	89	90	90	90	90	97	7	44	12-13	53	83
70	72	84	89	88	89	94	94	94	95	3-4	58	13-14	37	82
66	80	89	91	94	95	95	95	97	97	24	61	15-16	36	86
54	64	77	80	80	84	86	88	88	97	0,1,2	45	14-15	52	79
73	82	78	79	80	81	89	87	85	95	12-13	64	10-11	31	81
33	56	74	82	90	94	98	98	98	99	22-23	28	15-16	71	67
46	49	58	57	61	68	71	75	80	100	6,7,8	42	13-14	58	73
97	95	91	95	94	95	95	96	97	97	15,16,24	80	0	17	92
94	94	97	97	98	97	97	94	91	98	6,7,8,20	91	24	7	96
94	97	95	95	95	93	97	94	93	97	5,17,22	86	11,12	11	94
51	60	69	80	83	86	87	91	88	95	7	42	14	53	77
71	74	91	94	97	97	98	97	97	99	7	55	13-14	44	84
55	74	88	92	97	97	96	97	97	98	6	47	12-13	51	81
52	65	82	88	84	85	89	90	93	99	5,6,7	49	15-16	50	81
50	62	87	91	97	97	97	98	99	99	24	43	13-14	56	78
60	69	77	83	81	86	87	89	88	100	0-1	50	14-15	50	79
58	66	70	82	85	86	88	87	88	95		50		45	78

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.5	9.5	10.0	10.5	10.3	10.0	9.5	9.5	10.0	12.5	6	9.5	1,12,15,17,22,23	3.0	10.4
5.0	5.4	6.4	6.4	6.9	6.4	6.4	6.0	6.2	9.0	1	4.6	10	4.4	6.4
7.2	8.5	9.0	9.5	9.6	9.0	9.0	9.0	9.0	9.6	20	5.8	7	3.8	7.5
10.5	10.5	9.5	9.5	9.9	10.0	11.5	8.5	8.0	11.5	22	8.0	24	3.0	9.4
11.0	13.0	13.5	14.0	13.0	12.5	12.5	13.0	13.0	14.0	19	7.8	1	6.2	10.6
16.5	17.0	17.0	17.0	15.5	14.5	16.0	15.5	15.0	17.0	17-19	12.0	5	5.0	14.6
15.0	13.5	14.0	13.5	13.6	12.0	11.5	11.5	11.5	19.1	14	11.5	22-24	7.6	15.2
6.8	7.4	7.2	8.0	8.9	8.5	8.5	8.5	8.5	11.0	1	6.8	16	4.2	8.6
10.5	12.0	13.5	13.0	14.1	14.0	15.0	15.0	15.0	15.0	22-24	7.6	4,5	7.4	10.4
10.5	10.5	10.5	10.5	10.8	10.5	9.5	9.5	9.0	18.0	10	9.0	24	9.0	13.7
11.0	13.5	14.0	13.0	11.8	11.0	11.0	10.5	10.5	14.0	18	7.6	5	6.4	10.0
12.0	11.0	12.5	12.5	12.0	11.5	11.0	11.0	11.0	13.0	11	10.5	2,5-7	2.5	11.5
13.5	13.0	14.5	14.0	13.9	12.5	12.5	12.0	12.5	14.6	14	11.0	1-3	3.6	12.9
13.5	15.5	14.5	15.0	14.4	13.5	13.5	13.5	13.5	15.6	14	12.5	1-7	3.1	13.6
16.5	18.5	16.5	16.0	16.6	16.0	16.0	16.5	16.5	18.5	17	14.5	1	4.0	16.1
17.0	17.0	17.5	17.5	17.2	16.5	16.5	16.5	16.5	17.5	15,18,19	14.5	5,9	3.0	16.2
17.5	18.0	17.5	17.5	17.4	16.5	16.0	16.0	16.0	18.5	10-13	14.5	5	4.0	16.8
15.0	16.0	18.0	17.0	17.1	17.5	18.0	17.5	17.5	18.0	11,18,22	14.0	15	4.0	16.2
12.0	14.0	13.0	12.0	12.0	12.0	12.0	11.5	11.0	19.0	12	11.0	24	8.0	15.0
6.0	9.0	9.0	9.0	9.0	8.5	8.5	8.0	8.0	10.5	1	5.2	15	5.3	8.1
8.5	8.0	8.5	8.0	8.9	9.5	10.5	10.5	11.5	11.5	24	7.8	1,12	3.7	8.8
16.5	15.5	15.5	15.5	16.0	15.5	15.5	16.0	16.0	16.0	15,16,20,23,24	12.0	1	4.0	14.7
15.5	15.5	16.0	14.5	12.6	11.5	11.0	9.5	9.5	16.2	8	9.5	23,24	6.7	14.8
8.5	9.0	8.5	8.0	8.1	7.8	8.0	7.8	7.8	10.0	2	7.8	21,23,24	2.2	8.7
6.8	7.0	7.0	6.8	6.8	6.6	6.4	6.6	6.2	8.1	8	5.7	14	2.4	7.1
9.0	9.0	9.0	8.5	7.9	7.4	7.2	6.8	6.6	9.0	16-18	5.8	7	3.2	7.4
6.6	8.5	8.5	8.0	8.1	7.8	7.8	7.6	7.6	8.5	17,18	5.6	4,6,7	2.9	6.9
8.5	9.0	10.0	10.0	9.6	9.0	9.0	9.0	9.0	10.0	18,19	7.2	2	2.8	8.6
9.5	11.0	12.0	11.5	11.2	10.5	10.0	9.5	9.5	12.0	18	8.5	9-11	3.5	9.7
10.0	10.5	10.5	10.5	10.1	10.5	10.0	10.0	10.0	10.5	17-19,21	9.0	4-7	1.5	9.8
11.2	11.9	12.1	11.9	11.8	11.3	11.3	11.1	11.1	13.6		9.2		4.4	11.3

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SE	3	SE	5	SE	4	SE	3	SE	4	S	3	S	5	SE	5	S	10	S	3	Calma	1	N	4	N	9	N	13	N	16
2	W	6	SW	6	S	3	S	2	S	2	S	3	S	3	S	3	S	8	S	9	S	13	S	13	S	9	SW	12	SW	11
3	Calma	1	Calma	1	N	2	N	3	N	3	NW	5	NW	5	NW	6	NW	11	NW	15	NW	16	NW	16	NW	16	NW	16	NW	11
4	Calma	1	NE	4	NE	5	NE	5	NE	5	NE	8	NE	6	NE	10	NE	15	NE	10	NE	13	NE	12	NE	15	NE	17	NE	15
5	NE	17	NE	14	NE	13	NE	11	NE	10	NE	12	NE	12	NE	12	NE	17	NE	16	NE	16	NE	16	NE	15	NE	16	NE	12
6	NE	17	NE	17	NE	17	NE	19	NE	21	NE	15	NE	16	NE	21	NE	18	NE	18	N	26	N	19	N	16	N	26	NE	26
7	NE	34	N	42	N	34	N	36	N	32	N	26	N	34	N	32	N	48	N	44	N	34	N	30	N	32	NW	24	SW	12
8	S	2	S	4	Calma	0	S	4	SW	3	E	6	S	2	S	3	S	6	S	8	S	7	S	9	S	7	S	7	S	8
9	SE	4	SE	3	SE	2	SE	4	SE	4	E	6	E	7	E	8	E	14	E	21	E	22	E	21	E	24	E	18	E	24
10	NE	9	N	6	NW	5	W	5	NW	2	NW	2	NW	7	NW	7	W	8	SW	10	SW	5	SW	10	SW	9	SW	10	SW	5
11	W	4	W	5	SW	5	SW	5	SW	4	SW	7	SW	2	Calma	1	SW	3	W	3	SW	4	SW	5	W	4	W	6	NW	7
12	N	4	N	2	N	5	NE	3	NE	3	NE	3	NE	3	NE	3	NE	9	NE	12	NE	13	NE	11	NE	12	NE	10	NE	9
13	E	5	NE	10	NE	12	NE	15	NE	10	NE	8	NE	7	NE	9	NE	17	NE	12	NE	14	NE	16	NE	15	NE	12	NE	13
14	NE	12	NE	8	NE	8	NE	6	NE	3	NE	7	NE	8	NE	8	NE	12	NE	18	NE	15	NE	14	NE	11	NE	11	E	14
15	NE	12	NE	10	NE	11	NE	8	NE	5	NE	3	NE	2	NE	6	NE	18	NE	17	NE	10	NE	11	NE	13	E	13	E	13
16	E	9	NE	6	NE	4	NE	6	NE	10	NE	10	NE	9	NE	9	NE	12	NE	14	NE	15	NE	11	N	9	N	11	E	12
17	Calma	1	NE	7	NE	2	E	2	SE	3	E	3	E	4	NE	3	NE	7	NE	7	NE	8	NE	9	NE	10	NE	10	NE	14
18	Calma	0	NE	5	NE	5	NE	3	Calma	1	NE	10	NE	10	NE	12	NE	16	N	17	N	28	N	20	N	20	N	22	N	22
19	NE	20	N	20	N	20	N	21	N	17	N	18	N	26	N	24	N	31	NW	26	NW	30	NW	22	W	20	SW	16	S	8
20	SW	5	SW	8	S	4	S	4	SW	6	S	2	SE	2	Calma	0	S	3	S	5	S	7	S	6	SE	5	SE	5	S	4
21	Calma	0	[illegible]	2	[illegible]	2	NW	5	NW	2	Calma	1	Calma	0	Calma	0	SE	6	E	9	NE	17	NE	21	NE	21	NE	20	NE	20
22	NE	25	NE	19	NE	23	NE	21	NE	19	NE	18	NE	14	NE	14	NE	11	NE	13	NE	13	NE	26	NE	32	NE	28	NE	22
23	N	6	NE	4	NE	3	E	2	SE	3	SE	5	SE	3	SE	3	E	15	E	8	SE	4	E	14	E	8	E	6	NE	7
24	SE	12	S	12	S	14	S	13	S	14	S	17	S	18	S	14	S	13	S	10	S	11	S	11	S	11	S	12	S	16
25	SW	14	SW	13	SW	9	SW	12	SW	12	SW	10	SW	6	SW	10	SW	16	SW	15	SW	14	SW	16	SW	17	SW	20	SW	16
26	W	6	W	4	W	4	W	3	SW	3	SW	2	Calma	1	SW	2	S	5	S	3	S	4	S	5	S	6	S	6	S	6
27	S	3	SE	3	SE	3	SW	2	SE	2	SE	3	SE	2	SE	2	NE	2	N	9	N	6	NW	6	N	4	NW	8	NW	6
28	NE	4	N	3	N	3	N	3	N	3	N	6	N	3	N	6	N	13	N	13	N	14	N	14	N	15	NW	17	NW	16
29	NW	8	NW	10	NW	13	NW	11	NW	11	NW	12	NW	13	NW	12	NW	25	NW	22	NW	19	NW	19	NW	18	NW	20	NW	18
30	N	4	N	6	N	7	N	9	N	10	N	10	N	9	N	11	N	17	N	20	N	23	N	25	N	26	N	20	N	17
31																														
DIRECCION PREVALENTE	NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE	
NUMERO DE HORAS	9		11		12		10		9		10		10		11		12		10		10		10		9		8		9	
PROM. HOR. DE LA VELOCIDAD		8		9		8		8		8		8		8		8		14		14		14		14		14		14		13

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NW	5	NW	8	NW	9	NW	10	NW	9	NW	8	NW	6	W	8	W	8	NW	7	7	30	N	14.04
SW	13	SW	10	SW	3	W	3	W	4	W	3	W	3	W	3	Calma	0	S	11	6	28	SW	15.32
NW	13	NW	10	N	5	NE	3	NE	2	NE	5	NE	3	NE	4	NE	3	NW	12	7	24	NW	10.54
NE	14	NE	12	NE	10	NE	7	NE	6	NE	6	NE	7	NE	7	NE	12	NE	23	9	23	NE	13.40
NE	17	E	10	E	6	E	7	E	6	E	9	E	12	NE	18	NE	16	NE	18	13	23	NE	22.33
NE	27	NE	15	NE	10	NE	14	NE	16	NE	22	NE	28	NE	28	NE	30	NE	20	20	44	NW	23.40
SW	8	S	6	S	4	S	6	SW	4	Calma	1	Calma	0	S	2	Calma	0	N	12	22	69	N	9.38
S	8	S	5	S	5	Calma	1	SE	3	SE	3	SE	3	SE	4	SE	4	S	15	5	16	S	9.58
NE	18	NE	12	NE	6	NE	6	NE	8	NE	11	NE	8	NE	9	NE	11	E	10	11	31	NE	12.56
SW	7	SW	5	SW	4	W	4	W	3	W	3	W	5	W	4	W	4	SW	9	6	20	SW	11.20
W	4	NW	3	Calma	1	NW	2	N	3	N	3	N	2	NW	4	N	4	SW	8	4	10	W	14.46
E	10	E	12	E	10	E	6	E	5	E	5	E	5	E	6	E	4	NE	12	7	17	N	11.17
NE	15	NE	13	E	6	E	5	NE	6	NE	9	NE	10	NE	10	NE	9	NE	20	11	21	N	11.30
E	14	E	9	E	7	E	9	E	11	E	16	NE	18	NE	15	NE	12	NE	17	11	21	NE	21.04
E	13	E	7	E	5	E	6	SE	4	E	6	E	9	E	7	E	7	NE	13	9	19	NE	9.00
E	13	NE	10	E	8	E	5	E	2	E	5	E	2	NE	6	NE	5	NE	14	8	23	NE	10.44
NE	11	E	10	E	6	E	6	E	6	E	5	E	5	E	3	Calma	1	NE	11	6	14	NE	15.36
N	20	NE	18	NE	12	NE	10	NE	13	NE	13	NE	13	NE	13	NE	16	NE	15	13	30	N	12.12
S	6	S	2	Calma	1	S	4	S	4	S	3	S	4	S	2	S	3	S	9	14	51	W	12.04
SE	4	Calma	1	NE	3	Calma	1	NE	2	Calma	0	Calma	0	N	2	Calma	1	S	5	3	10	S	10.44
NE	20	NE	13	NE	12	NE	9	NE	13	NE	11	NE	19	NE	20	NE	24	NE	15	11	32	NE	23.56
NE	14	NE	13	NE	16	NE	18	NE	17	NE	14	NE	14	NE	11	N	9	NE	23	18	42	NE	12.02
E	3	E	5	E	4	SE	7	S	9	S	13	S	15	S	17	SE	18	E	9	8	21	E	11.01
S	13	S	13	S	12	S	13	S	12	S	9	S	8	SW	11	SW	11	S	21	13	31	S	14.36
SW	16	SW	10	SW	6	SW	4	W	3	W	4	W	4	W	6	W	6	SW	19	11	32	SW	13.12
S	5	S	3	Calma	0	Calma	1	Calma	0	Calma	0	Calma	0	Calma	1	Calma	1	S	9	3	10	S	14.40
NW	2	NW	3	Calma	1	Calma	0	NE	3	NE	2	NE	4	NE	3	NE	2	SE	7	3	11	N	9.40
NW	18	NW	14	N	10	N	8	N	11	N	12	N	10	NW	8	NW	7	N	17	10	25	NW	15.04
W	11	W	8	NW	2	N	2	NW	2	NW	4	N	2	N	4	N	2	NW	18	11	33	NW	10.10
N	15	N	10	NE	9	NE	8	NE	10	NE	8	NE	9	NE	9	NE	11	N	17	13	31	N	13.57
NE		NE		NE-E		NE		NE		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		60 Km.		
8		8		8		8		11		10		11		13		12		NE	239	10	DIRECCIÓN	DÍA	HORA
	12		9		6		6		6		7		8		8		8				N	7	de 8.55 a 9.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	4	42					6	24	4	21			2	16	7	55	1	159
2									11	69	6	55	6	22			1	146
3	4	13	6	20											12			
4			23	221													1	222
5			18	260	6	50												10
6	4	87	20	395														4[illegible]
7	12	424	1	34					4	18	3	24			1	24	3	5[illegible]
8					1	6	5	17	15	85	1	3					2	112
9					10	165	5	17							9	89		271
10	1	6	1	9							9	69	8	36	5	23		143
11	4	12									8	35	6	26	4	16	2	91
12	3	11	12	90	9	63												164
13			20	236	4	22												258
14			17	186	7	80												266
15			13	126	1[illegible]	86	1	4										[illegible]16
16	4	45	14	127	6	31												203
17			11	88	10	50	1	3									2	143
18	7	149	15	169													2	319
19	8	177	1	20					9	36	1	16	1	20	3	78	1	348
20	1	2	2	5			4	16	8	35	3	19					6	80
21	1	2	15	242	1	9	1	6							2	7	4	267
22	1	9	23	415														424
23	1	6	3	14	9	65	7	43	4	54								182
24							1	12	21	271	2	22						305
25											19	232	5	23				255
26									9	43	3	7	4	17			8	71
27	3	19	6	16			7	16	1	3					5	25	2	80
28	17	147	1	4											6	80		231
29	4	10											2	19	18	239		268
30	17	239	7	64														3[illegible]3
31																		
SUMAS	96	1400	229	2741	73	627	38	158	86	635	55	482	34	179	72	777	37	7020
% PREVAL POR VELOCIDAD	19.9		39.0		8.9		2.2		9.0		6.9		2.5		11.1		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		12		8		4		7		9		5		11		0	232

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	9	2	3	2	2	3	1	5
1 - 2	7	11	0	3	2	3	2	1	1
2 - 3	6	12	0	3	3	2	1	2	1
3 - 4	5	10	2	3	4	2	2	2	0
4 - 5	5	9	0	5	2	5	0	3	1
5 - 6	4	10	3	2	4	3	0	3	1
6 - 7	4	10	2	3	4	2	0	3	2
7 - 8	4	11	1	3	3	2	0	3	3
8 - 9	4	12	2	1	6	2	1	2	0
9 - 10	5	10	3	0	6	2	1	3	0
10 - 11	6	10	1	1	5	3	0	3	1
11 - 12	6	10	2	0	5	3	0	4	0
12 - 13	8	9	2	1	4	2	2	2	0
13 - 14	5	8	3	1	3	4	1	5	0
14 - 15	3	9	4	0	5	4	0	5	0
15 - 16	2	8	5	1	4	4	2	4	0
16 - 17	1	8	6	0	5	3	1	5	1
17 - 18	2	8	8	0	3	3	0	2	4
18 - 19	2	8	7	1	3	1	2	2	4
19 - 20	2	11	5	2	3	1	3	2	1
20 - 21	2	10	6	1	3	0	3	2	3
21 - 22	3	11	5	1	3	0	3	1	3
22 - 23	2	13	3	1	3	1	4	2	1
23 - 24	3	12	2	2	1	1	3	1	5
SUMAS	94	239	74	38	86	55	34	63	37
% de frec. por dirección	13.0	33.2	10.3	5.3	11.9	7.6	4.7	8.8	5.1

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Fn	8	Sc	8	Ns	8	St	8	Ci	4	97	97	97
2	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
3	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
4	Ac	1	Claro	0	Cc	1	Claro	0	Claro	0	8	8	8
5	Ci	1	Claro	0	Ac	1	Claro	0	Ci	3	9	8	9
6	Sc	7	Ac As	7	Cs	6	Sc	3	Sc	1	9	8	7
7	Cb	3	Sc	5	Ns	8	St	7	St	8	9	6	7
8	St 4 Ac 2	6	Ci	1	Claro	0	Claro	0	Claro	0	8	9	9
9	Claro	0	Claro	0	Claro	0	Claro	0	Ac	2	9	9	9
10	Ns 3 Fn 4	7	Sc	6	Sc	5	Claro	0	Claro	0	7	8	8
11	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	6	7
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	8
13	Claro	0	Claro	0	Cu	2	Claro	0	Claro	0	9	9	8
14	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	8	8	9
15	Claro	0	Claro	0	Cu 1 Ci 2	3	As	8	Cs	8	8	9	7
16	Ci Cs	8	Ci	5	Ci	3	Ci	1	Claro	0	8	8	8
17	Claro	0	Cu	1	Claro	0	Claro	0	Claro	0	8	9	6
18	Claro	0	Ci 2 Cu 1	3	Cu 1 Ci 1	2	Ci	1	Claro	0	8	9	8
19	Ac 2 Ci 1	3	Sc	6	St	8	St	8	Sc	7	9	8	8
20	St	8	Ac	1	Claro	0	Claro	0	Claro	0	6	8	8
21	Claro	0	Claro	0	Claro	0	Claro	0	Sc	1	3	7	9
22	Fs 3 Ns 5	8	Sc	7	Fn	8	Sc	6	St	8	6	7	7
23	Ns	8	Ns	8	Fs	8	St	8	Ns	8	3	7	6
24	St	8	Sc	8	Ns	8	Ns	8	Ns	8	8	4	6
25	Fs 7 Ac 1	8	Cu	5	Cu 1 Ac 1	2	Cu	1	Claro	0	7	9	9
26	Claro	0	Claro	0	Cu	6	Sc	7	Claro	0	8	9	9
27	Sc	2	Cu	4	Sc	5	Cu Sc	3	Ci	3	3	8	8
28	Claro	0	Claro	0	Cu 1 Ci 6	7	Ci	1	Ci	2	9	9	8
29	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	8	4
30	Claro	0	Ci	1	As 6 Ci 1	7	As	7	Cs	7	6	8	8
31													
Prom.		3		2		3		3		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	4	LL.
	15				8	0	4	Am.
2	9	38.2	28.7	0.77	0	5	5	
	10	40.8	20.2	1.67	0	5	5	
	12	42.9	23.0	1.62	0	5	5	
	14	40.7	23.0	1.44	0	5	5	
	15	36.8	22.5	1.16	0	5	5	
3	9	41.0	22.8	1.48	0	5	5	
	10	42.3	23.0	1.57	0	5	5	
	12	45.6	26.6	1.54	0	5	5	
	14	44.9	26.2	1.52	0	5	5	
	15	43.0	26.0	1.38	0	5	5	
4	9	41.8	23.9	1.46	1	5	5	
	10	46.1	27.0	1.55	0	5	5	
	12	48.5	29.7	1.53	0	5	5	
	14	47.9	30.5	1.41	1	5	5	B.
	15	46.0	29.5	1.34	0	5	5	
5	9	42.0	23.2	1.53	0	5	5	
	10	44.5	24.8	1.60	1	5	5	
	12	47.9	28.1	1.61	0	5	5	
	14	47.9	29.0	1.54	1	5	5	
	15	45.3	29.2	1.31	0	5	5	
6	9	28.0	22.6	0.44	8	0	5	
	10	33.8	25.2	0.70	6	0	5	
	12	30.2	24.5	0.46	8	0	5	
	14	49.7	31.7	1.46	6	4	5	
	15	48.7	32.6	1.31	2	5	5	
7	9	48.6	31.4	1.40	4	5	5	
	10				8	0	3	LL.
	12	32.7	25.6	0.58	5	3	5	
	14				8	0	3	LL.
	15				8	0	4	LL.
8	9	35.0	22.0	1.06	1	5	5	
	10	44.0	24.0	1.63	1	5	5	
	12	46.5	26.8	1.60	0	5	5	
	14	46.5	27.8	1.52	0	5	5	
	15	44.2	26.4	1.45	0	5	5	
9	9	42.4	23.6	1.53	1	5	5	
	10	44.9	25.2	1.60	1	5	5	
	12	46.1	26.6	1.58	0	5	5	
	14	46.5	27.6	1.54	0	5	5	
	15	45.0	27.5	1.42	0	5	5	
10	9	24.4	21.3	0.25	5	3	5	
	10	46.2	27.8	1.50	2	5	4	B.
	12	47.0	28.4	1.51	5	3	4	B.
	14	45.8	28.9	1.37	5	3	4	B.
	15	44.4	27.8	1.35	1	5	4	B.
11	9	41.1	22.3	1.53	0	5	5	
	10	42.4	22.9	1.58	0	5	5	
	12	47.9	26.4	1.75	0	5	5	
	14	45.9	28.6	1.41	0	5	3	B.
	15	43.5	27.5	1.30	0	5	3	B.
12	9	40.1	22.8	1.41	0	5	5	
	10	47.0	28.7	1.49	0	5	5	
	12	47.6	28.6	1.54	0	5	5	
	14	47.0	28.7	1.49	0	5	4	B.
	15	44.0	27.5	1.34	0	5	4	B.
13	9	42.2	24.9	1.41	0	5	5	
	10	45.5	26.7	1.53	0	5	5	
	12	49.1	30.0	1.55	0	5	5	
	14	50.4	30.6	1.61	2	5	5	
	15	46.6	29.4	1.40	1	5	5	
14	9	42.7	25.0	1.44	0	5	5	
	10	46.0	27.2	1.53	0	5	5	
	12	48.0	30.0	1.46	0	5	5	
	14	49.4	30.9	1.50	1	5	5	
	15	46.6	29.5	1.39	1	5	5	
15	9	40.0	25.6	1.17	1	5	5	
	10	47.0	28.5	1.50	0	5	5	
	12	49.8	31.1	1.52	0	5	5	
	14	48.0	30.7	1.41	3	5	5	
	15	36.0	27.0	0.73	7	2	5	
16	9	39.0	25.5	1.10	8	3	5	
	10	41.6	27.5	1.15	7	3	5	
	12	50.5	31.8	1.52	3	5	5	
	14	49.0	32.0	1.38	3	5	5	
	15	46.0	30.2	1.28	2	5	5	
17	9	45.0	27.8	1.40	0	5	5	
	10	47.4	28.2	1.56	0	5	5	
	12	49.5	30.7	1.53	1	5	5	
	14	48.8	30.8	1.46	0	5	5	
	15	46.0	30.0	1.30	1	5	5	
18	9	46.2	28.0	1.48	5	4	5	
	10	46.4	29.2	1.40	4	5	5	
	12	49.5	33.2	1.33	3	3	5	
	14	50.7	32.9	1.45	2	5	5	
	15	48.1	32.0	1.31	2	5	5	
19	9	47.3	30.5	1.36	1	5	5	
	10	46.4	31.4	1.22	5	3	5	
	12				8	0	5	Z.
	14				8	0	4	Am.
	15				8	0	5	Am.
20	9	23.4	16.7	0.54	7	0	5	
	10	36.4	20.4	1.30	3	4	5	
	12	44.5	24.5	1.63	1	5	5	
	14	44.0	25.2	1.53	0	5	5	
	15	40.5	24.0	1.34	0	5	5	
21	9	38.0	19.8	1.48	0	5	3	B.
	10	41.5	22.5	1.54	1	5	4	B.
	12	40.9	23.2	1.44	0	5	5	
	14	40.0	25.1	1.21	0	5	5	
	15	41.2	24.5	1.36	0	5	5	
22	9				8	0	3	LL.
	10				8	0	3	LL.
	12				8	0	4	Z.
	14				8	0	4	LL.
	15				8	0	3	LL.
23	9				8	0	2	LL., N.
	10				8	0	2	LL., N.
	12				8	0	3	LL.
	14				8	0	4	Am.
	15				8	0	3	LL.
24	9				8	0	4	Am.
	10	15.8	12.7	0.27	8	0	5	
	12				8	0	5	Am.
	14				8	0	2	LL.
	15				8	0	2	LL.
25	9	22.7	13.4	0.76	7	0	4	
	10	23.4	14.4	0.73	8	0	4	
	12	28.5	17.1	0.93	5	1	5	
	14	39.5	21.0	1.50	2	5	5	
	15	33.6	18.7	1.21	1	5	5	
26	9	33.6	15.3	1.49	0	5	4	B.
	10	37.1	17.7	1.58	0	5	4	B.
	12	40.5	20.8	1.60	3	5	5	
	14	39.6	21.7	1.46	6	3	5	
	15	24.0	17.0	0.57	7	0	5	
27	9	34.5	16.5	1.46	0	5	4	Ne.
	10	34.3	17.7	1.35	5	3	5	
	12	43.4	26.1	1.41	5	3	5	
	14	36.0	18.2	1.45	5	3	5	
	15	34.2	19.3	1.21	5	3	5	
28	9	35.0	17.6	1.41	0	5	5	
	10	38.3	21.1	1.40	0	5	5	
	12	41.5	23.4	1.47	0	5	5	
	14	39.5	23.0	1.34	7	3	5	
	15	39.3	23.2	1.31	5	5	5	
29	9	37.4	20.0	1.41	0	5	5	
	10	41.0	22.3	1.52	0	5	5	
	12	45.1	26.5	1.51	0	5	5	
	14	44.5	26.9	1.43	0	5	5	
	15	41.6	24.2	1.41	0	5	5	
30	9	36.8	20.0	1.36	0	5	5	
	10	41.4	23.0	1.50	0	5	5	
	12	43.5	25.7	1.45	1	5	5	
	14	34.6	23.7	0.89	7	2	5	
	15	29.2	22.0	0.58	6	0	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1															0.0	11.6	00
2		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.6	11.6	91
3		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.5	11.5	91
4			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.2	11.5	89
5		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1		10.2	11.5	89
6		0.2	0.8		0.1	0.1			0.4	1.0	1.0	0.7			4.3	11.4	38
7				0.8	0.8		0.5	1.0	0.4			0.1			3.6	11.4	32
8				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		8.7	11.4	76
9		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.4	11.3	92
10				0.2	0.7	0.6	1.0	1.0	0.8	1.0	1.0	1.0	0.1		7.4	11.3	66
11		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.7	11.3	86
12			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.7	11.2	87
13			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			10.0	11.2	89
14		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.3	11.1	93
15			0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9					7.8	11.1	70
16				0.2	0.9	0.9	1.0	1.0	1.0	1.0	0.1				6.1	11.1	55
17			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.1	11.0	92
18			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.0	11.0	91
19			0.5	1.0	1.0	1.0	0.8	0.4		0.1					4.8	11.0	44
20					0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		7.8	10.9	72
21			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.1	10.9	84
22			0.4			0.1	0.2	0.1	0.1			0.3			1.2	10.9	11
23															0.0	10.8	00
24															0.0	10.8	00
25			0.2		0.6	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.2		7.0	10.8	65
26			0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6					7.4	10.8	68
27				0.7	1.0	1.0	1.0	0.9	0.5	0.9	0.5	0.6			7.1	10.7	66
28			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.3	10.7	87
29			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.5	10.7	89
30			0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.1	0.1			7.5	10.6	71
31																	
Medias		0.0	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.1		7.3	11.1	66

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	19.1	19.3	19.2	19.0	19.1	19.2	18.7	18.5	18.6	19.8	19.5	19.2	22.5	22.4	22.2
2	16.8	20.0	18.4	17.2	18.8	18.6	17.4	17.5	18.0	18.7	18.5	18.6	21.9	21.7	21.5
3	15.4	19.9	18.8	16.1	18.5	18.7	16.6	16.8	17.6	18.1	18.0	18.1	21.3	21.2	21.0
4	17.1	21.4	20.2	17.1	19.5	19.8	17.0	17.4	18.2	18.1	18.0	18.4	21.1	21.1	21.0
5	18.0	21.6	20.6	17.9	20.0	20.1	17.6	18.0	18.8	18.5	18.5	19.0	21.3	21.3	21.3
6	20.1	22.0	22.3	19.5	20.5	21.3	18.5	18.7	19.4	19.1	19.1	19.4	21.7	21.6	21.6
7	22.0	23.8	22.0	21.0	22.1	21.3	19.6	20.0	20.1	19.8	19.9	20.2	22.0	22.1	22.1
8	19.9	22.1	20.4	19.6	20.9	20.5	19.1	19.1	19.4	19.7	19.6	19.6	22.1	22.1	21.9
9	18.0	21.1	20.8	18.2	20.0	20.2	18.3	18.4	19.0	19.4	19.4	19.3	22.0	21.9	21.8
10	20.6	23.1	21.4	20.0	21.4	21.1	18.8	19.3	19.8	19.5	19.4	19.9	21.8	21.8	21.9
11	18.2	21.8	21.0	18.6	20.3	20.6	18.5	18.6	19.3	19.5	19.2	19.6	22.0	21.9	21.8
12	18.4	22.0	21.0	18.5	20.4	20.6	18.4	18.5	19.2	19.4	19.1	19.4	21.9	21.8	21.8
13	19.2	22.8	21.4	19.0	20.9	21.0	18.5	18.9	19.5	19.3	19.3	19.6	21.8	21.9	21.8
14	19.6	23.2	21.9	19.4	21.3	21.4	18.7	19.1	19.7	19.4	19.4	19.7	21.9	21.9	21.8
15	20.7	23.8	22.8	20.1	21.9	22.0	19.2	19.6	20.2	19.8	19.8	20.1	22.1	22.1	22.1
16	21.6	24.2	23.2	21.0	22.4	22.5	20.0	20.2	20.8	20.2	20.4	20.6	22.4	22.5	22.5
17	21.4	25.0	23.4	21.0	22.4	22.7	20.1	20.4	21.2	20.6	20.8	21.0	20.7	22.8	22.7
18	21.8	24.5	23.6	21.3	22.8	22.8	20.5	20.7	21.3	20.8	20.8	21.1	23.0	23.0	23.0
19	22.6	23.5	22.4	22.1	22.7	22.0	21.0	21.0	20.8	21.2	21.0	21.0	23.2	23.2	23.1
20	20.4	21.8	20.2	20.3	21.0	20.4	19.9	19.8	19.7	20.6	20.4	20.3	23.0	22.9	22.6
21	17.6	22.0	19.8	18.0	19.5	19.5	18.3	18.4	18.7	19.6	19.4	19.4	22.4	22.2	22.1
22	19.5	20.3	20.2	19.1	19.5	19.6	18.4	18.4	18.6	19.2	19.2	19.0	22.0	21.8	21.7
23	20.0	20.4	20.6	19.7	19.7	19.9	18.6	18.6	18.6	19.0	19.0	19.1	21.7	21.5	21.5
24	17.2	17.3	16.8	16.6	17.2	16.8	17.5	16.9	16.4	18.6	18.0	17.6	21.2	21.0	20.7
25	16.0	17.2	16.4	16.0	16.7	16.5	15.7	15.8	15.8	17.0	16.8	16.8	20.2	20.0	19.8
26	14.0	17.0	16.2	14.5	15.0	16.2	14.8	15.0	15.5	16.4	16.2	16.4	19.6	19.7	19.3
27	13.6	16.4	15.6	14.1	15.4	15.6	14.3	14.4	14.6	15.9	15.6	15.6	19.2	19.0	18.7
28	14.2	17.1	16.6	14.2	15.8	16.1	14.2	15.4	15.0	15.5	14.4	15.6	18.7	18.6	18.5
29	15.6	18.0	17.4	15.2	16.6	16.9	14.6	15.0	15.7	15.6	15.7	15.9	18.6	18.6	18.6
30	15.8	18.0	17.6	15.4	16.7	15.0	14.9	15.2	15.8	15.9	15.8	16.1	18.7	18.7	18.7
31															
Prom.	18.5	21.0	20.1	18.3	19.6	19.6	17.9	18.1	18.5	18.8	18.6	18.8	21.4	21.4	21.3

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1	11.5	11.5	10.9	10.8	2	0.3	0.3	0.6	1.2							9587
2	0.5	0.5	0.3	0.3	2	0.3	1.8	1.4	3.3	-	-	-	-			9586
3					1	0.1	2.3	1.6	4.3							9595
4					0	0.4	2.3	1.6	5.4							9597
5					0	1.5	1.6	1.3	4.9							9599
6					0	2.0	1.4	1.8	6.5							9598
7					2	3.3	1.7	0.4	2.5	-	-	-	-			9504
8	22.7	22.7	22.3	18.0	2	0.4	1.6	1.4	3.7							9589
9					1	0.7	2.1	1.4	3.9							9501
10	13.0	13.2	-	11.5	2	0.4	0.8	1.1	2.3							9503
11					2	0.4	1.3	1.0	2.5							9594
12					1	0.2	1.3	1.0	2.7	M. 2	20.7	20.1	19.4			9605
13					0	0.4	1.3	0.9	2.8							9600
14					0	0.6	1.2	0.6	2.6							9610
15					0	0.8	1.1	0.8	2.5							9611
16					0	0.6	1.1	0.9	2.3							9610
17					0	0.3	0.9	0.8	1.9	M. 5	22.5	22.0	23.5			9618
18					0	0.2	1.6	1.6	4.2							9618
19					2	1.0	1.7	0.4	2.9							9617
20	4.0	4.3	2.9	-	1	0.8	1.4	1.1	2.6							9623
21					1	0.1	1.5	1.6	4.6							9622
22	0.0	0.0	0.0	0.0	2	1.5	0.2	0.3	0.6	-	-	-	-			9626
23	38.8	36.3	36.9	33.9	2	0.1	0.1	0.1	0.6							9543
24	44.9	44.5	41.9	39.0	2	0.4	0.2	0.2	0.6							9442
25	6.5	7.5	5.1	6.8	2	0.2	1.0	1.2	2.6							9416
26					1	0.4	0.8	0.2	1.6							9411
27					1	0.6	1.2	0.6	2.1	M. 7	16.0	15.8	16.4			9415
28					1	0.3	1.2	1.1	2.6							9413
29					0	0.3	2.3	0.9	3.4							9412
30					0	0.2	1.8	0.9	3.1							9417
31																
Prom.	141.9	140.5	-	-	-	0.6	1.3	1.0	2.9	-	-	-	-	-	-	9549

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
21.9	21.7	21.6	21.9	21.8	21.7	22.0	20.6	10.5	Cn. m. t. y n., LL. m. y t.
21.2	21.1	20.9	21.5	21.6	21.4	22.0	20.7	6.3	Ca. m. t. y n., r. m. y n.
20.5	20.6	20.4	20.9	21.6	21.3	22.0	20.6	0.5	Ca. m. t. y n., r. m. y n., B. t.
20.5	20.5	20.4	21.4	21.4	21.5	22.0	20.6	9.2	Ca. m. t. y n., r. m. y n., B. t.
20.5	20.6	20.5	21.2	21.4	21.4	22.0	20.6	9.1	Ca. m. t. y n., LL. m., r. n.
20.7	20.8	20.8	21.3	21.4	21.5	22.0	20.6	11.5	Cn. m. y t., Ca. n., r. m.
21.1	21.2	21.1	21.5	21.4	21.5	21.8	20.7	20.9	Cn. m. t. y n., LL. m. y t., R. n.
21.2	21.2	21.0	21.0	21.0	21.0	21.9	20.6	9.4	Cn. m., Ca. t. y n., r.B. n.
21.1	21.2	21.0	21.3	21.3	21.3	21.8	20.6	6.4	Ca. m. t. y n., r. m. y n.
21.0	21.0	21.0	21.4	21.4	21.4	21.6	20.6	15.5	Cn. m. y t., Ca. n., LL.Ru. m., B. t., r. n.
21.1	21.1	21.0	21.2	21.3	21.0	21.6	20.7	6.1	Ca. m. t. y n., r. m. y n., B. t. y n.
21.1	21.0	21.0	21.1	21.3	21.1	21.6	20.6	8.4	Ca. m. t. y n., r. m. y n., B. t. y n.
21.0	21.1	21.0	21.1	21.3	21.3	21.6	20.7	9.3	Ca. m. t. y n., r. m. y n., R. n.
21.0	21.2	21.1	21.1	21.3	21.2	21.5	20.6	10.8	Ca. m. t. y n., r. m. y n.
21.2	21.3	21.3	21.2	21.3	21.3	21.5	20.6	13.4	Ca. m. y t., Cn. n., r. m. y n.
21.4	21.5	21.5	21.3	21.3	21.2	21.5	20.7	15.7	Cn. m., Ca. t. y n., r. m. y n.
21.7	21.7	21.8	20.3	20.3	21.3	21.5	20.6	13.1	Ca. m. t. y n., r. m. y n., Ne. n.
22.0	22.1	22.0	21.4	21.3	21.3	21.5	20.6	13.5	Ca. m. t. y n., r. n.
22.1	22.2	22.1	21.3	21.4	21.4	21.4	20.7	18.9	Cn. m. t. y n., r. m., LL. m.
22.1	22.0	21.8	21.3	21.4	21.1	21.4	20.7	11.0	Cn. m., Ca. t. y n., r. n.
21.7	21.6	21.7	21.0	21.4	21.3	21.4	20.6	6.0	Ca. m. t. y n., r. m., N. m., R. n.
21.2	21.2	21.0	21.3	21.3	21.4	21.3	20.5	11.2	Cn. m. t. y n., LL. m. y t., R. t.
20.7	20.6	20.5	21.0	21.4	21.3	21.3	20.7	15.9	Cn. m. t. y n., LL. m. y n., N. m.
20.3	20.9	20.0	21.1	21.2	21.0	21.2	20.6	9.5	Cn. m. t. y n., LL. m. t. y n.
19.5	19.4	19.2	20.9	20.8	20.6	21.3	20.5	6.1	Cn. m., Ca. t. y n., Z. m., r. n.
19.0	18.9	18.3	20.7	20.8	20.5	21.3	20.5	1.0	Ca. m. y n., Cn. t., B. m., r. n.
18.6	18.5	18.4	20.4	20.4	20.4	21.2	20.6	- 1.1	Ca. m. y n., Cn. t., N.h. m., r.Dl. n.
18.2	18.2	18.1	20.7	20.2	20.1	21.2	20.6	4.0	Ca. m. y n., Cn. t., r. m. y n., Jl. n., B. n.
18.0	18.2	18.2	19.8	20.0	20.0	21.1	20.5	-	Ca. m. t. y n., r. m. y n., Ns. n.
18.1	18.2	18.2	19.9	20.0	20.0	21.1	20.5	9.4	Ca. m., Cn. t. y n., r. m. y n., Jl. n.
20.7	20.7	20.6	21.0	21.1	21.1	21.6	20.6	9.7	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	57.3	62.3	2	22-23	48.4	7	13-14	18.1	24.7	11.8	36.0	7	12-13	5.0	3	6-7	7.6	11.4	66
2ª	56.9	61.6	13	8,9,10	47.5	19	6-7	20.2	26.4	15.1	29.0	18	14	8.9	20	24	8.6	11.1	78
3ª	58.2	63.0	25	24	51.2	23	13,16	13.6	18.6	9.0	23.3	29	14	3.3	27	6-7	5.8	10.8	54
MES	57.5	63.0	25	24	47.5	19	6-7	17.3	23.2	11.9	36.0	7	12-13	3.3	27	6-7	7.3	11.1	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora						
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	71	100	9	32	2	10.7	19.1	4.6	NE	14	60	7	48	7	8-9	69	N	7	9.38	47.9	22.7	8	15.0	7	14-15
2ª	78	99	20	28	20	13.6	19.0	5.2	NE	10	36	18, 19	31	19	8-9	51	W	19	12.04	4.3	4.3	20	2.5	19	13-14
3ª	84	100	21,30	42	21,25	9.6	16.2	5.6	NE	14	36	21,22, 29,30	32	22	12-13	42	NE	22	12.02	88.3	44.5	24	26.0	23	9-10
MES	78	100	9,21,30	28	20	11.3	19.1	4.6	NE	12	60	7	48	7	8-9	69	N	7	9.38	140.5	44.5	24	26.0	23	9-10

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	7	4	-	-	-	-	-	4	-	-	-	-	-	-	-	1	1
2ª	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
3ª	4	2	-	3	1	-	-	3	1	-	-	-	-	-	-	1	1
MES	18	8	1	3	1	-	-	8	1	-	-	-	-	-	-	2	3

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	-	-	-	-	-	-	7	3	-	5	1
2ª	10	-	-	-	-	-	-	-	-	-	-	8	2	-	9	-
3ª	5	1	-	-	-	-	1	-	2	-	-	4	6	-	-	-
MES	23	1	-	-	-	-	1	-	2	-	-	19	11	-	14	1

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V MAYO 1950 N.° 5

RESUMEN MENSUAL

El mes empieza con buen tiempo. El pasaje de un frente frío que llega al Observatorio en la madrugada del 2 hace que la temperatura, tensión del vapor y humedad registren los valores más bajos del mes: 0.7°C, 3.4 mm y 27% respectivamente. Con el giro del viento al sector N aumenta rápidamente la temperatura y humedad en forma tal que a partir del 7 masas de aire tropicales llegan hasta el Río de la Plata.

El período entre el día 7 y el 13 puede caracterizarse como relamente extraordinario. Desde el principio de este siglo no se registra en la región de la Capital Federal en esta época un período caluroso y húmedo tan prolongado como este. En efecto: las máximas térmicas oscilan en los 30.0°C, los valores de la tensión del vapor son los más altos del año hasta la fecha, y los de la presión atmosférica se mantienen en general bajos, registrándose el 14 la mínima mensual. En este día pasa un frente frío por el Observatorio precedido por lluvias considerables.El 16 atraviesa otro frente frío lluvioso el Río de la Plata; el 18 marca la presión su cifra máxima. Por el aflujo de aire cálido y húmedo desmejora luego el tiempo; el cielo se encuentra prácticamente cubierto hasta el 22 en que se anotan lluvias ligeras e intermitentes.

En la noche del 22 llega un frente frío que es desplazado al día siguiente por otro de aire caliente. Un nuevo empuje de aire frío llega el 25. En los días siguientes sopla viento del SE; aumenta en consecuencia considerablemente la nubosidad y estado higrométrico ambiente registrándose lluvias intermitentes hasta el 28, y a pesar de que el tiempo aclara el 29, el mes finaliza nuboso y con lluvias.

La gran variabilidad del mes se pone de manifiesto en las desviaciones de los promedios de la temperatura y tensión del vapor con valores positivos de hasta 2.1°C y 1.2 mm respectivamente. Los demás elementos conservan sus importes normales.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	82	79	70	111	79	76	76	87	74	58	70	87	64	67	82
2	58	52	50	67	64	70	76	73	82	73	18	3	35	41	73
3	67	64	70	105	116	70	50	41	35	70	79	82	76	82	111
4	67	58	61	67	64	64	99	131	102	186	137	169	134	134	163
5	131	125	58	72	90	93	224	137	99	87	87	61	58	41	41
6	58	55	70	79	64	67	67	84	47	76	111	99	93	105	70
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	29	32	35	32	29	32	26	29	35	18	23	26	35	47	64
10	20	18	15	20	18	12	9	20	29	47	70	76	67	73	93
11	64	52	58	55	52	47	52	41	35	55	67	82	67	64	67
12	61	64	59	64	61	56	38	49	56	64	61	70	61	67	67
13	42	22	17	22	20	22	11	14	11	11	17	67	61	64	78
14	64	72	72	35	-	-	-	-	-	-	-	-	-	-	61
15	119	115	122	104	122	119	126	145	149	138	149	145	126	111	104
16	56	138	130	78	75	119	138	229	210	226	244	122	75	-∞	-134
17	67	72	64	56	56	75	67	90	111	161	187	164	153	134	104
18	72	70	97	67	75	64	61	46	134	90	203	187	287	218	187
19	126	52	28	22	52	78	42	187	180	226	172	145	126	126	52
20	90	122	126	115	90	72	72	126	138	195	119	134	164	172	130
21	111	83	97	80	111	67	75	78	72	90	61	61	61	56	64
22	138	153	184	142	119	111	72	90	119	111	126	56	42	20	67
23	61	61	64	59	52	42	38	35	49	52	64	70	70	67	61
24	49	56	56	49	46	59	25	52	46	22	22	22	28	25	59
25	-	-	-	-	-	-	-	-	-	-	-	22	22	32	46
26	80	80	67	59	42	42	46	22	56	32	35	49	83	83	67
27	-	-	-	-	-	-	-	-	-	72	35	119	11	67	72
28	72	70	67	70	72	64	52	78	-	-	-45	97	52	59	70
29	70	56	56	61	61	67	72	111	142	49	104	61	78	80	78
30	59	61	56	52	46	52	35	61	67	67	56	72	78	78	72
31	-	-	-	-	-	-	-	-	-	70	28	59	-	-	-
Prom.	77.7	70.9	67.1	68.3	68.3	67.8	73.4	90.9	87.9	96.9	90.8	87.4	84.6	83.6	79.9

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	-	-	-	-	5.65	6.43	12.08	0.88	1.43	0.93	2.36	1.54	1.03	1.18	2.21	0.87
2	3.07	4.73	7.80	0.65	2.91	4.19	7.10	0.71	0.65	0.83	1.48	0.78	0.80	0.71	1.51	1.13
3	-	-	-	-	-	-	-	-	1.36	1.18	2.54	1.15	0.39	0.39	0.78	1.00
4	-	-	-	-	7.64	7.51	15.15	1.02	1.11	1.00	2.11	1.11	1.08	0.82	1.90	1.32
5	-	-	-	-	6.74	8.34	15.08	0.80	1.09	0.99	2.08	1.10	0.85	0.73	1.58	1.16
6	-	-	-	-	7.31	6.89	14.20	1.06	1.37	1.49	2.86	0.92	0.70	0.66	1.36	1.06
7	-	-	-	-	-	-	-	-	0.95	1.05	2.00	0.90	1.15	1.25	2.40	0.92
8	-	-	-	-	-	-	-	-	1.01	1.14	2.15	0.89	0.72	0.79	1.51	0.91
9	-	-	-	-	-	-	-	-	0.87	0.95	1.82	0.92	0.40	0.81	1.21	0.49
10	-	-	-	-	-	-	-	-	1.23	1.14	2.37	1.08	0.73	0.84	1.57	0.87
11	-	-	-	-	-	-	-	-	0.66	0.59	1.25	1.12	1.24	1.22	2.46	1.02
12	-	-	-	-	7.22	8.92	16.14	0.80	1.35	1.42	2.77	0.95	1.28	1.28	2.56	1.00
13	7.49	9.94	17.43	0.75	-	-	-	-	0.95	0.95	1.90	1.00	1.14	1.14	2.28	1.00
14	-	-	-	-	-	-	-	-	0.91	1.53	2.44	0.59	1.63	1.97	3.60	0.83
15	-	-	-	-	4.28	5.18	9.46	0.81	0.88	0.84	1.72	1.05	0.66	0.56	1.22	1.18
16	2.20	4.91	7.11	0.45	-	-	-	-	0.45	0.48	0.93	0.94	0.86	1.10	1.96	0.78
17	5.45	6.32	11.77	0.86	5.61	15.82	21.43	0.36	0.69	0.69	1.38	1.00	1.54	1.45	2.99	1.06
18	2.56	3.08	5.64	0.83	2.23	3.03	5.26	0.75	0.36	0.34	0.70	1.06	0.35	0.39	0.74	0.90
19	-	-	-	-	-	-	-	-	0.80	0.87	1.67	0.92	0.29	0.32	0.61	0.91
20	-	-	-	-	-	-	-	-	-	-	-	-	0.20	0.10	0.30	2.00
21	-	-	-	-	-	-	-	-	1.26	1.88	3.14	0.67	1.81	1.89	3.70	0.96
22	3.21	0.98	4.19	3.31	-	-	-	-	0.90	0.45	1.35	2.00	0.32	0.39	0.71	0.82
23	-	-	-	-	-	-	-	-	1.23	1.40	2.63	0.88	1.03	0.88	1.91	1.17
24	-	-	-	-	12.73	17.50	30.23	0.72	0.98	1.27	2.25	0.77	0.50	0.52	1.02	0.96
25	-	-	-	-	-	-	-	-	0.86	0.92	1.78	0.93	1.31	1.15	2.46	1.14
26	-	-	-	-	-	-	-	-	0.17	0.16	0.33	1.06	0.26	0.19	0.45	1.37
27	-	-	-	-	-	-	-	-	1.26	1.63	2.89	0.77	1.43	1.02	2.45	1.40
28	-	-	-	-	-	-	-	-	1.31	1.14	2.45	1.15	1.68	1.64	3.32	1.02
29	3.80	7.03	10.83	0.54	9.16	8.83	17.99	1.03	0.50	0.52	1.02	0.96	1.14	1.05	2.19	1.08
30	8.97	6.68	15.65	1.35	5.41	4.75	10.16	1.14	1.10	0.78	1.88	1.41	0.67	0.64	1.31	1.05
31	-	-	-	-	-	-	-	-	0.67	0.68	1.35	0.98	0.43	0.48	0.91	0.90
Prom.	4.59	5.46	10.05	0.84	6.41	8.12	14.52	0.89	0.95	0.97	1.92	0.98	0.89	0.89	1.78	1.00

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
87	87	111	70	64	47	64	52	47	74.2	169	-78	247	1
79	87	137	128	151	148	111	87	79	76.8	175	-60	235	1
111	102	111	-	99	114	105	76	64		163	- 6	169	1*
169	146	166	189	169	134	119	148	143	125.8	349	3	346	0
50	52	87	99	180	128	105	90	90	95.2	250	0	250	0
108	148	99	93	82	47	44	26	29	75.9	250	-12	262	1
-	-	-	-	-	-	-	-	-		-	-	-	*
-	-	-	-	-	15	29	18	15		-	-∞	-	*
52	47	47	50	38	52	58	35	18	37.0	169	-36	205	1
84	82	79	93	76	73	73	70	70		175	00	175	0
73	64	73	84	96	93	82	79	70	65.5	163	15	148	0
70	97	119	75	90	90	72	59	56	67.8	172	- 6	178	1
97	97	97	78	78	49	42	49	56		191	-20	211	2
38	52	78	119	122	122	126	126	138		∞	-∞	-	3*
115	153	145	119	83	83	56	25	59	113.8	210	10	200	0
-∞	67	119	153	78	35	64	80	72		439	-∞	-	3*
115	111	64	104	115	119	78	64	56	99.4	226	20	206	0
149	122	78	-116	-∞	∞	-∞	70	142		∞	-∞	-	3*
72	75	78	70	97	97	52	75	90	96.7	290	- 8	282	1
134	38	126	130	134	78	130	122	111	119.5	210	-23	233	1
64	72	70	72	59	64	80	49	49	72.8	206	8	198	0
49	56	52	80	70	52	38	22	38		268	- 5	273	1
52	46	35	46	75	67	56	61	59	55.9	134	14	120	0
67	56	49	59	46	46	28	25	6	41.6	97	-148	247	1
67	72	67	61	67	75	72	75	72		97	00	97	0*
56	46	-	-	-	-	-	72	61		168	-61	229	1*
67	80	28	52	67	72	67	70	72		∞	-∞	-	3*
56	72	67	78	97	80	72	67	75		176	-∞	-	3*
80	72	70	104	104	72	61	20	28	73.2	203	-80	283	1
75	75	75	35	28	14	14	11	11		149	6	143	0
-	-	-	-	56	21	-	-	-		∞	-∞	-	3*
86.7	84.4	92.2	93.3	98.9	85.3	74.8	63.6	61.9	79.4				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
70	96	82	7.55	6.04	268	408	676	0.66	-	0.97
- 9	20	79	0.99	3.98	1014	761	1775	1.33	0.96	-
79	82	105	6.94	2.73	861	710	1571	1.21	0.71	2.49
131	148	172	10.41	10.89	1121	972	2093	1.15	1.58	0.85
73	70	61	4.85	3.21	970	1016	1986	0.95	1.06	1.16
111	93	122	5.77	5.53	964	1071	2035	0.90	1.43	0.93
-	-	-	-	-	536	555	1091	0.97	1.90	0.69
-	-	-	-	-	433	1241	1674	0.35	0.73	3.31
29	26	50	1.58	2.02	865	507	1372	1.71	2.62	1.57
76	67	61	5.29	3.19	813	484	1297	1.68	1.21	0.86
67	76	67	3.17	5.49	375	559	934	0.67	1.62	1.41
61	61	67	5.63	5.72	555	591	1146	0.94	3.18	1.36
17	67	104	4.24	7.90	540	607	1147	0.89	1.90	1.60
-	-	38	-	4.56	1016	375	1391	2.71	1.74	0.55
161	149	90	8.54	3.66	754	865	1619	0.87	0.55	0.96
274	38	83	1.18	5.42	356	379	735	0.94	0.55	-
199	184	115	8.46	11.46	595	612	1207	0.97	0.70	0.33
237	184	149	4.29	3.68	408	484	892	0.84	1.47	2.11
172	153	90	8.52	1.83	431	861	1292	0.50	-	1.12
97	70	122	-	1.22	155	214	369	0.72	-	0.93
64	49	64	5.13	7.89	536	813	1349	0.66	3.45	1.46
122	78	46	3.51	1.09	710	563	1273	1.26	1.93	3.44
64	72	52	6.31	3.31	1186	813	1999	1.46	2.25	1.21
20	22	59	1.65	2.01	721	861	1582	0.84	0.83	0.38
20	28	72	1.66	5.90	375	507	882	0.74	2.17	1.13
38	49	35	0.54	0.52	253	381	634	0.66	2.16	1.76
6	-34	67	-3.28	5.47	754	662	1416	1.14	0.83	1.20
-34	80	49	6.53	5.42	507	809	1316	0.63	-	0.51
97	64	83	2.18	6.06	591	356	947	1.66	1.72	1.66
72	78	80	4.89	3.49	710	916	1626	0.78	1.11	2.28
25	67	-	3.02	-	809	457	1266	1.77	2.54	0.44
84	76	81	4.43	4.63	651	658	1309	0.98	1.59	1.33

COMPONENTE NORTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-	-	-	-	-	-	-39.2	-48.2	-45.2	-43.2	-36.2	-35.2	-42.2
2	-34.2	-28.1	-25.7	-	-	-	-	-	-	-	-	-28.1	-42.2
3	-37.2	-28.1	-17.6	-30.2	-39.2	-36.2	-36.2	-37.2	-40.2	-35.2	-41.2	-34.2	-40.2
4	-31.2	-24.6	-24.6	-24.6	-35.2	-35.2	-35.2	-34.2	-36.2	-36.2	-28.1	-32.2	-34.2
5	-22.2	-22.2	-21.1	-22.2	-29.2	-32.2	-31.2	-30.2	-	-26.9	-26.9	-19.9	-25.7
6	-26.9	-22.2	-18.7	-17.6	-26.9	-32.2	-25.7	-32.2	-31.2	-25.7	-21.1	-21.1	-18.7
7	-24.6	-18.7	-14.0	-14.0	-23.4	-23.4	-28.1	-36.2	-34.2	-26.9	-23.4	-17.6	-24.6
8	-12.9	-	-	-	-	-	-21.1	-25.7	-28.1	-23.4	-12.9	- 9.4	-12.9
9	-12.9	-10.5	-11.7	-11.7	-22.2	-23.4	-21.1	-19.9	-23.4	-24.6	-14.0	- 9.4	-10.5
10	-12.9	-10.5	-10.5	-10.5	-14.0	-21.1	-14.0	-18.7	-25.7	-17.6	-14.0	-11.7	-15.2
11	- 7.0	- 5.8	- 5.8	- 7.0	-15.2	-18.7	-17.6	-14.0	-18.7	-17.6	-15.2	-19.9	-10.5
12	- 9.4	- 8.2	- 9.4	- 8.2	-14.0	-17.6	-15.2	-16.4	-18.7	-15.2	-12.9	-14.0	-21.1
13	-15.2	- 9.4	-11.7	-10.5	-21.1	-25.7	-18.7	-22.2	-24.6	-29.2	-33.2	-17.6	-14.0
14	-16.4	- 5.8	- 8.2	- 8.2	-12.9	-	-	-33.2	-29.5	-35.2	-39.2	-35.2	-44.2
15	-36.2	-23.4	-29.2	-20.1	-30.2	-33.2	-33.2	-34.2	-	-35.2	-31.2	-28.1	-28.1
16	-19.9	-15.2	-14.0	- 9.4	-25.7	-26.9	-19.9	-21.1	-26.9	-30.2	-22.2	-17.6	-23.4
17	-12.8	-12.8	- 9.4	- 8.2	-17.6	-18.7	-17.6	-17.6	-25.7	-26.9	-17.6	-12.9	-15.2
18	-10.5	- 5.8	- 5.8	- 5.8	-12.9	-14.0	-12.9	-14.0	-15.2	-16.4	-14.0	-12.9	-16.4
19	- 8.2	- 4.7	- 3.5	- 4.7	- 9.4	-10.5	- 8.2	-12.9	-15.2	-17.6	-11.7	- 7.0	- 4.7
20	- 3.5	0.0	- 1.2	- 2.3	- 9.4	-15.2	- 8.2	-11.7	-15.2	-23.4	-12.9	- 7.0	- 7.0
21	- 9.4	- 4.7	- 2.3	- 2.3	- 8.2	- 8.2	- 5.8	- 9.4	- 8.2	- 8.2	- 1.2	-10.5	- 7.0
22	- 8.2	- 2.3	- 2.3	- 1.2	-15.2	-18.7	-14.0	-12.9	-12.9	-26.9	-10.5	-12.9	- 5.8
23	- 5.8	- 2.3	0.0	- 5.8	- 7.0	-12.9	- 8.2	-12.9	-12.9	-14.0	-17.0	-14.0	-10.5
24	- 7.0	- 1.2	1.1	- 1.2	- 9.4	-12.9	- 7.0	- 8.2	-10.5	-12.9	- 3.5	- 1.2	- 5.8
25	- 2.3	1.1	3.4	1.1	- 3.5	- 8.2	-10.5	- 8.2	-11.7	-14.0	-10.5	- 8.2	-11.7
26	- 8.2	- 1.2	1.1	- 1.2	-10.5	-12.9	- 9.4	- 8.2	-10.5	- 8.2	- 8.2	- 9.4	- 5.8
27	- 1.2	2.3	4.5	3.4	- 5.8	- 8.2	- 5.8	- 5.8	- 7.0	-14.0	-12.9	- 1.2	-10.5
28	-11.7	26.0	9.0	9.0	4.5	- 3.5	- 8.2	- 8.2	-11.7	- 9.4	-10.5	- 8.2	-10.5
29	- 9.4	- 7.0	- 5.8	- 8.2	-10.5	-16.4	-19.9	-17.6	-23.4	-29.2	-21.1	-12.9	-17.6
30	- 5.8	1.1	2.3	1.1	- 9.4	-15.2	- 5.8	-11.7	-12.9	-14.0	- 5.8	-12.9	- 5.8
31	- 2.3	2.3	1.1	1.1	- 7.0	- 8.2	-10.5	- 8.2	-	-	-	-	-
Prom	-14.2	- 8.3	- 7.9	- 7.8	-15.7	-18.9	-17.5	-19.7	-20.6	-22.7	-18.2	-16.1	-18.1
Var.	3.6	9.5	9.9	10.0	2.1	- 1.1	0.3	- 1.9	- 2.8	- 4.9	- 0.4	1.7	- 0.3

COMPONENTE ESTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-	-	-	-	-	-	- 1.4	- 8.5	- 4.3	- 7.1	- 8.5	- 1.4	- 2.8
2	2.8	14.2	9.9	9.9	- 1.4	- 5.7	- 7.1	- 2.8	- 2.8	-	-	- 1.4	- 2.8
3	4.3	9.9	5.7	4.3	-11.4	-12.8	- 8.5	- 2.8	- 1.4	2.8	- 5.7	- 5.7	- 4.3
4	2.8	5.7	4.3	2.8	- 9.9	-15.6	-17.0	-14.3	-12.8	-15.6	- 5.7	- 5.7	- 4.6
5	5.7	7.1	4.3	- 2.8	- 9.9	-18.5	-11.4	- 2.8	-	- 7.1	- 5.7	- 7.1	- 5.7
6	7.1	8.5	2.8	2.8	- 9.9	-18.5	-11.4	- 4.3	- 1.4	- 2.8	- 9.9	- 7.1	- 8.5
7	- 1.4	1.4	1.4	1.4	- 1.4	- 1.4	- 4.3	-12.8	-14.2	- 8.5	- 9.9	- 8.5	- 7.1
8	4.3	-	-	-	-	-	-12.8	- 5.7	-11.4	-18.5	-11.4	- 7.1	- 7.1
9	9.9	9.9	7.1	4.3	-11.4	-18.5	-12.8	- 5.7	-15.6	-15.6	- 8.5	-12.8	- 9.9
10	4.3	4.3	- 2.8	- 1.4	-17.0	-15.6	- 9.9	- 9.9	-14.2	-15.6	-17.0	-11.4	-12.8
11	4.3	4.3	1.4	- 1.4	-17.0	-18.5	-15.6	-11.4	- 8.5	-11.4	-11.4	-12.8	-14.2
12	1.4	4.3	1.4	- 2.8	-11.4	-19.9	-15.6	- 9.9	-15.6	-14.2	- 8.5	-12.8	- 8.5
13	- 1.4	1.4	- 2.8	- 4.3	-18.5	-19.9	-18.5	-17.0	-14.2	-15.6	-12.8	- 8.5	- 9.9
14	- 4.3	2.8	- 1.4	- 1.4	- 2.8	-	-	-11.4	-11.4	-12.8	-18.5	-15.6	-15.6
15	- 9.9	- 4.3	- 4.3	- 2.8	-18.5	-18.5	- 9.9	- 5.7	-	-11.4	- 5.7	- 4.3	- 4.3
16	7.1	8.5	7.1	4.3	-12.8	-22.7	-15.6	- 4.3	-12.9	-15.6	- 4.3	- 5.7	- 5.7
17	9.9	9.9	5.7	2.8	- 9.9	-18.5	-15.6	- 7.1	-18.5	-18.5	-11.4	- 8.5	-11.4
18	5.7	8.5	7.1	2.8	- 8.5	-14.2	-11.4	- 5.7	- 8.5	- 7.1	- 7.1	- 9.9	- 9.9
19	4.3	5.7	2.8	1.4	-14.2	-17.0	-17.0	- 9.9	-15.6	-18.5	-11.4	- 7.1	- 9.9
20	5.7	8.5	1.4	2.8	-11.4	-17.0	-12.8	- 1.4	- 9.9	-17.0	-11.4	-11.4	- 8.5
21	- 4.3	4.3	1.4	1.4	1.4	- 5.7	- 5.7	- 5.7	-11.4	-14.2	- 9.9	-19.9	-17.0
22	1.4	8.5	5.7	2.8	-12.8	-22.7	- 9.9	- 8.5	-15.6	-12.8	-17.0	-12.8	- 8.5
23	2.8	5.7	1.4	1.4	-15.6	-19.9	-15.6	- 7.1	- 7.1	- 4.3	- 8.5	-11.4	- 9.9
24	7.1	8.5	2.8	4.3	- 7.1	-19.9	-12.8	- 7.1	-12.8	-15.6	-15.7	-11.4	- 7.1
25	4.3	5.7	4.3	2.8	1.4	- 1.4	- 5.7	1.4	- 4.3	- 4.3	-11.4	- 7.1	- 8.5
26	1.4	4.3	2.8	2.8	-12.8	-17.0	- 5.7	- 7.1	- 8.5	- 5.7	- 7.1	- 8.5	- 7.1
27	4.3	5.7	2.8	1.4	-11.4	-17.0	-18.5	- 5.7	-18.5	-17.0	- 8.5	-12.8	- 9.9
28	- 5.7	- 1.4	1.4	1.4	- 2.8	- 4.3	- 7.1	-11.4	-18.5	-18.5	-19.9	-18.5	-11.4
29	- 5.7	1.4	- 2.8	- 2.8	- 8.5	-22.7	-21.3	- 8.5	-17.0	-15.6	-11.4	-12.8	- 8.5
30	2.8	4.3	4.3	1.4	-11.4	-17.0	-12.8	-11.4	-17.0	-15.6	- 9.9	-11.4	- 9.9
31	2.8	4.3	2.8	1.4	- 8.5	-12.8	- 9.9	- 7.1	-	-	-	-	-
Prom	2.5	3.7	2.7	1.4	- 9.8	-15.5	-11.8	- 7.5	-11.2	-12.2	-10.1	- 9.7	- 8.7
Var.	9.6	10.8	9.8	8.5	- 2.7	- 8.4	- 4.7	- 0.4	- 4.1	- 5.1	- 3.0	- 2.6	- 1.6

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-39.2	-38.2	-46.2	-49.2	-38.2	-37.2	-42.2	-40.2	-41.2	-31.2	-29.2	-40.1	1
-48.2	-48.2	-55.2	-46.2	-46.2	-42.2	-58.2	-42.2	-40.2	-35.2	-45.2	-41.6	2
-35.2	-46.2	-46.2	-45.2	-39.2	-40.2	-41.2	-36.2	-29.2	-25.7	-32.2	-36.2	2
-31.2	-39.2	-48.2	-37.2	-36.2	-32.2	-31.2	-18.7	-14.0	-14.0	-25.7	-30.8	2
-30.2	-35.2	-31.2	-38.2	-29.2	-30.2	-30.2	-28.1	-22.2	-23.4	22.2	-27.4	1
-22.2	-22.2	-24.6	-31.2	-31.2	-39.2	-28.1	-29.2	-19.9	-14.0	-18.7	-25.0	2
-24.6	-18.7	-28.1	-29.2	-29.2	-25.7	-24.6	-18.7	-24.6	-14.0	-17.6	-23.5	2
-16.4	-19.9	-21.1	-25.7	-23.4	-23.4	-14.0	-15.2	-15.2	-12.9	-14.0	-17.8	1
-14.0	-14.0	-21.1	-22.2	-23.4	-21.1	-16.4	-19.9	-17.6	-11.7	- 9.4	-16.5	2
-21.1	-22.2	-17.6	-29.2	-25.7	-22.2	-24.6	-15.2	-19.9	-10.5	- 5.8	-17.1	1
-19.9	-16.4	-19.9	-26.9	-23.4	-19.9	-19.9	-17.6	-12.9	- 7.0	- 9.4	-15.2	1
-21.1	-18.7	-17.6	-19.9	-16.4	-18.7	-17.6	-18.7	-16.4	-14.0	-16.4	-15.6	1
-18.7	-23.4	-26.9	-33.2	-25.7	-31.2	-19.9	-19.9	-15.2	-10.5	-10.5	-20.3	2
-58.2	-57.2	-64.6	-58.2	-54.2	-63.6	-55.2	-45.2	-43.2	-35.2	-43.2	-38.4	2
-29.2	-34.2	-33.2	-34.2	-24.6	-30.2	-19.9	-19.9	-18.7	-14.0	-19.9	-27.8	1
-19.9	-22.2	-17.6	-21.1	-15.2	-17.6	-17.6	-14.0	-14.0	- 9.4	- 9.4	-18.8	1
-14.0	-15.2	-15.2	-19.9	-15.2	-15.2	-15.2	-22.2	- 9.4	- 9.4	- 7.0	-15.4	1
-15.2	- 9.4	-12.9	-16.4	-15.2	-16.4	-17.6	-14.0	-16.4	- 2.3	- 7.0	-12.5	0
- 7.0	- 5.8	- 7.0	-14.0	- 9.4	-11.7	- 8.2	-	- 4.7	- 7.0	- 8.2	- 8.8	1
- 5.8	-10.5	-14.0	-16.4	-12.9	-17.6	-16.4	-15.2	-11.7	- 1.2	- 8.2	-10.3	1
- 5.8	-11.7	-12.9	-11.7	-16.4	-10.5	-10.5	-11.7	-16.4	- 5.8	- 5.8	- 8.5	1
-10.5	-16.4	- 8.2	-12.9	-10.5	- 9.4	-11.7	-14.0	-12.9	- 8.2	- 5.8	-11.0	2
-15.2	-17.6	-14.0	-17.6	-11.7	-10.5	- 5.8	2.3	- 5.8	- 2.3	- 3.5	- 9.4	1
- 7.0	- 8.2	-10.5	-11.7	- 5.8	- 9.4	- 9.4	- 5.8	- 4.7	- 4.7	- 2.3	- 6.6	0
-14.0	-11.7	- 7.0	-16.4	-17.6	-10.5	-17.6	- 7.0	- 7.0	1.1	1.1	- 7.7	1
- 4.7	- 9.4	-10.5	-17.6	-12.9	- 7.0	- 7.0	- 8.2	- 5.8	- 4.7	- 4.7	- 7.7	1
-11.7	- 5.8	-11.7	-25.7	-22.2	-12.9	- 5.8	- 5.8	-31.2	-23.4	-16.4	- 9.8	2
-14.0	-24.6	-30.2	-19.9	-26.9	-24.6	-22.2	-16.4	-14.0	-18.7	-17.6	-10.9	2
-12.9	-12.9	-14.0	-19.9	-22.2	-16.4	-14.0	- 7.0	-10.5	- 9.4	- 5.8	-14.3	1
- 4.7	- 4.7	- 8.2	- 9.4	-11.7	- 8.2	- 5.8	- 8.2	- 3.5	2.3	- 1.2	- 6.6	0
-	-	-	-	-25.7	-26.9	-34.2	-36.2	-37.2	-30.2	-29.2	-16.8	2
-19.7	-21.3	-23.2	-25.9	-23.2	-22.6	-21.4	-18.9	-17.9	-13.1	-14.5	-17.8	
- 2.1	- 3.5	- 5.4	- 8.1	- 5.4	- 4.8	- 3.6	- 1.1	- 0.1	4.7	3.3		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 8.5	- 2.8	- 9.9	- 7.1	- 7.1	- 1.4	- 8.5	- 9.9	- 1.4	11.4	8.5	- 3.9	2
- 1.4	- 4.3	- 7.1	-11.4	- 9.9	-11.4	- 9.9	- 7.1	- 1.4	9.9	7.1	- 1.6	2
- 5.7	- 7.1	- 1.4	- 7.1	- 8.5	- 4.3	- 5.7	- 9.9	1.4	4.3	8.5	- 2.5	1
- 1.4	-11.4	- 9.9	-14.2	- 5.7	- 5.7	- 1.4	2.8	4.3	5.7	5.7	4.9	1
- 8.5	- 5.7	- 1.4	- 7.1	- 8.5	- 2.8	- 7.1	- 9.9	4.3	2.8	5.7	- 4.0	0
- 7.1	- 1.4	- 7.1	-18.5	-14.3	- 9.9	-12.8	- 1.4	- 1.4	4.3	2.8	- 5.0	1
-14.2	- 8.5	-11.4	-11.4	-15.6	-11.4	-12.8	- 8.5	-15.6	- 2.8	2.8	- 7.3	1
- 7.1	- 8.5	- 4.3	- 8.5	- 9.9	- 8.5	- 7.1	- 5.7	- 1.4	4.3	4.3	- 6.4	0
- 7.1	- 2.8	- 5.7	- 8.5	-15.6	- 9.9	- 5.7	- 8.5	- 2.8	1.4	2.8	- 5.9	1
- 8.5	-12.8	- 8.5	-17.0	-14.2	- 9.9	- 7.1	- 5.7	- 4.3	4.3	2.8	- 8.3	1
- 9.9	- 4.3	- 4.3	-18.5	-15.6	-12.8	-15.6	- 9.9	- 7.1	1.4	1.4	- 8.6	0
- 9.9	- 8.5	- 5.7	-11.4	-11.4	- 8.5	- 9.9	-11.4	- 7.1	2.8	2.8	- 7.9	1
-11.4	- 7.1	-11.4	-14.2	-14.2	-14.2	- 8.5	- 7.1	- 5.7	1.4	- 7.1	-10.1	2
-18.5	-19.9	-22.7	-26.7	-25.4	-22.7	-15.6	-17.0	-18.5	- 5.7	- 2.8	-13.1	1
- 4.3	- 5.7	- 1.4	- 7.1	- 8.5	- 7.1	- 5.7	- 8.5	1.4	5.7	5.7	- 5.9	1
- 7.1	- 8.5	- 2.8	- 7.1	- 9.9	- 7.1	- 7.1	- 8.5	1.4	7.1	7.1	- 4.8	1
- 7.1	- 9.9	- 9.9	- 7.1	- 8.5	- 7.1	- 9.9	- 1.4	- 2.8	4.3	4.3	- 6.1	1
- 9.9	- 7.1	- 8.5	-11.4	-11.4	-11.4	-11.4	- 8.5	-12.8	5.7	7.1	- 5.7	1
- 7.1	- 7.1	- 5.7	- 8.5	- 9.9	-11.4	- 9.9	-	7.1	5.7	7.1	- 6.4	0
- 9.9	- 5.7	- 7.1	-14.2	-19.9	- 8.5	- 9.9	- 4.3	- 7.1	- 1.4	2.8	- 7.0	2
- 8.5	-18.5	-15.6	-15.6	-19.9	-17.0	-15.6	-15.6	-18.5	1.4	0.0	- 9.5	2
- 9.9	-14.2	-11.5	-15.6	-18.5	- 8.5	- 9.9	- 8.5	- 5.7	- 2.8	1.4	- 8.4	1
- 8.5	- 5.7	- 7.1	- 9.9	- 8.5	- 8.5	- 7.1	- 5.7	- 5.7	1.4	1.4	- 6.3	0
- 7.1	- 4.3	-11.4	- 8.5	- 7.1	- 5.7	- 8.5	- 9.9	0.0	4.3	5.7	- 5.4	1
-11.4	-11.4	- 4.3	-17.0	-17.0	- 9.9	-15.6	-11.4	- 8.5	2.8	2.8	- 5.0	1
- 7.1	-11.4	- 1.4	- 7.1	-11.4	- 7.1	- 7.1	- 9.9	- 1.4	2.8	4.3	- 5.1	1
- 9.9	-11.4	-12.8	-11.4	-22.7	-14.2	- 9.9	- 5.7	2.8	1.4	- 1.4	- 8.3	1
-15.6	-15.6	-15.6	-21.3	-22.7	-17.0	-18.5	-17.0	-12.8	- 4.3	- 4.3	-11.7	2
-11.4	-15.6	-17.0	-18.5	-19.9	-14.2	- 9.9	- 8.5	- 5.7	1.4	1.4	-10.6	2
-11.4	-12.8	- 7.1	-11.4	-12.8	- 9.9	- 8.5	- 9.9	- 5.7	2.8	2.8	- 7.8	2
-	-	-	-	-24.1	-17.0	-17.0	-17.0	- 8.5	- 2.8	1.4	- 7.5	2
- 8.8	- 9.0	- 8.1	-12.4	-13.8	-10.0	- 9.9	- 8.6	- 4.6	1.2	1.2	- 7.1	
- 1.7	- 1.9	- 1.0	- 5.3	- 6.7	- 2.9	- 2.8	- 1.5	2.5	8.3	8.3		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	53.9	53.9	53.7	53.4	53.2	53.2	53.2	53.0	52.8	52.7	52.2	51.8	51.3	50.8	50.8
2	54.2	54.4	54.6	54.5	55.4	56.5	57.5	58.4	58.6	59.1	59.3	59.1	58.9	59.0	59.2
3	63.9	63.9	63.5	63.6	63.9	64.1	64.2	65.4	66.0	66.2	66.2	66.0	65.5	65.0	65.0
4	65.8	65.8	65.7	65.4	65.2	65.1	65.1	65.4	65.2	64.9	64.8	64.0	63.3	62.2	61.9
5	60.5	60.9	60.7	60.5	60.8	61.0	61.1	61.4	61.4	61.8	61.9	61.4	61.0	60.6	60.5
6	60.5	60.4	60.1	59.9	59.9	59.7	59.8	59.9	59.9	59.8	59.7	59.3	58.7	58.0	57.8
7	57.9	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	57.8	57.0	56.2	55.8	55.7
8	55.4	54.8	54.6	54.3	54.1	54.2	54.0	53.6	53.4	52.9	52.7	52.1	51.7	51.5	50.6
9	51.0	51.0	51.1	51.1	51.2	51.2	51.5	52.2	52.2	52.9	52.8	52.1	51.7	51.4	51.5
10	55.1	55.1	55.1	55.2	55.3	55.5	56.3	56.0	56.0	56.0	55.8	55.3	55.7	55.4	55.3
11	57.0	57.0	57.1	57.1	57.3	57.8	57.9	58.2	58.6	58.5	58.0	57.6	57.0	56.5	56.4
12	56.9	56.6	56.6	56.6	56.7	56.6	56.8	56.8	56.8	56.7	56.7	55.8	55.1	54.6	54.6
13	54.6	54.6	54.1	53.7	53.6	53.5	53.4	53.4	53.5	53.2	52.8	52.6	51.6	51.1	50.7
14	51.8	51.6	50.9	50.3	50.6	51.1	51.1	51.2	50.1	49.4	50.2	50.0	48.3	48.6	49.6
15	56.1	56.3	57.0	57.6	57.4	57.4	57.6	58.4	58.8	58.8	58.5	58.2	57.8	57.6	57.7
16	60.3	60.5	60.6	60.6	60.7	60.8	60.7	61.2	61.4	61.4	61.4	62.0	61.9	62.0	62.3
17	62.4	62.4	62.4	62.3	62.6	63.1	63.2	64.1	64.4	64.4	64.5	64.4	64.3	64.2	64.2
18	67.1	67.0	66.9	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.1	67.0	66.1	66.0	66.0
19	66.2	66.2	65.9	66.0	65.2	65.1	65.2	65.3	65.1	64.9	64.6	64.0	63.0	62.6	61.8
20	58.1	57.6	57.3	56.5	56.4	56.5	56.6	56.7	56.5	57.0	56.7	56.3	55.8	55.6	54.8
21	58.0	57.9	57.9	58.0	58.7	58.9	59.1	60.0	60.7	60.9	60.9	60.9	60.7	60.6	60.7
22	62.8	62.9	62.7	62.7	62.6	62.8	63.4	63.6	63.6	63.5	63.3	62.5	61.8	61.4	60.9
23	60.6	60.1	60.0	60.1	60.0	60.1	60.2	60.4	60.0	59.5	58.9	59.0	57.4	56.7	56.3
24	56.4	56.4	56.3	56.3	56.3	56.4	56.4	56.4	56.1	56.3	55.9	55.7	54.7	54.4	54.2
25	53.7	53.2	52.9	52.9	53.0	53.8	54.0	54.8	54.9	55.1	55.6	55.6	55.4	55.4	55.8
26	60.8	60.8	60.8	60.8	60.8	60.7	60.8	60.9	60.8	60.6	60.3	59.8	58.8	58.0	57.8
27	58.8	58.3	57.6	56.8	56.9	57.4	58.0	59.2	59.4	59.7	59.7	58.7	58.5	58.4	58.6
28	62.6	62.6	62.5	62.5	62.5	62.6	62.9	63.6	64.0	64.3	64.3	64.2	64.1	64.0	64.0
29	66.9	66.8	66.5	66.4	66.4	66.5	66.5	66.6	66.9	67.1	66.7	66.4	65.4	64.8	64.1
30	63.8	64.0	63.4	63.3	63.3	63.4	63.5	63.7	64.0	64.0	63.4	63.1	62.2	61.6	61.4
31	61.5	61.0	60.6	60.5	59.9	59.9	60.4	60.8	60.6	60.5	59.4	59.1	58.1	57.2	56.3
Prom	59.2	59.1	58.9	58.8	58.8	59.0	59.2	59.5	59.6	59.6	59.4	59.1	58.4	58.1	58.0

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	13.5	13.6	12.9	12.9	13.0	12.5	12.3	13.8	16.3	18.8	21.2	21.9	22.4	22.9	22.6
2	13.5	12.4	11.4	10.7	9.8	8.9	9.1	9.6	11.6	12.9	14.7	15.2	15.6	15.6	14.9
3	2.0	1.1	1.0	0.7	1.2	1.9	3.0	5.8	7.2	12.0	13.5	14.8	15.4	16.4	16.2
4	4.5	4.0	4.0	4.2	4.4	4.6	4.9	7.9	11.6	14.1	15.7	16.7	17.2	17.4	17.4
5	10.2	9.4	8.9	8.2	8.0	8.1	8.3	11.4	13.9	17.0	19.0	20.8	22.0	22.9	22.8
6	11.9	12.0	11.5	11.0	11.4	11.5	11.3	12.9	15.3	18.9	20.9	22.6	23.4	23.6	23.5
7	15.7	15.7	15.9	16.4	16.6	16.6	16.5	17.7	20.1	22.7	24.0	25.7	26.7	26.8	25.9
8	20.7	20.7	20.7	21.2	21.3	21.5	21.5	23.2	23.8	23.9	25.4	26.1	25.2	24.4	25.3
9	21.9	21.9	21.7	20.9	20.8	20.8	20.4	20.9	23.0	25.0	26.3	27.1	28.1	28.7	28.7
10	20.2	20.1	20.1	20.1	20.1	20.2	20.1	21.1	23.4	25.9	27.4	28.0	28.9	29.5	29.3
11	21.9	21.9	21.9	21.7	21.5	21.5	21.7	22.0	23.0	24.6	26.8	28.3	29.7	30.0	29.1
12	21.5	21.5	21.5	20.8	20.4	20.4	20.5	21.3	23.4	25.2	27.0	27.9	28.8	28.9	28.9
13	22.6	21.9	21.8	21.4	21.1	20.8	20.8	22.4	24.0	25.8	26.9	27.5	28.3	28.4	28.2
14	21.7	21.3	20.7	20.5	20.4	19.0	18.6	18.6	18.5	18.6	18.6	18.7	17.9	18.4	18.5
15	10.7	10.7	10.8	10.7	10.6	10.3	9.6	9.8	11.7	13.7	15.5	16.1	17.3	18.1	17.9
16	8.8	8.8	9.1	9.4	9.4	8.9	8.9	9.8	10.9	12.6	12.5	12.3	11.5	10.8	10.4
17	9.6	9.6	9.7	9.7	9.7	9.7	9.3	9.0	9.0	10.9	11.6	12.9	13.5	13.2	12.5
18	4.5	4.6	4.7	4.8	4.9	5.1	5.3	6.2	6.6	8.5	10.5	11.7	12.3	12.5	12.3
19	8.5	7.6	7.5	7.7	7.8	7.9	7.8	10.2	11.2	11.8	12.3	12.4	12.6	12.7	12.7
20	13.2	13.1	13.3	13.5	13.6	13.6	13.6	13.6	14.4	14.3	15.1	14.9	14.7	14.4	14.4
21	13.4	13.4	13.5	13.6	13.3	12.9	12.4	12.4	12.2	12.1	12.2	12.3	12.7	13.2	13.0
22	7.4	7.4	7.1	6.9	6.6	6.8	6.9	8.3	8.9	10.2	11.9	13.8	14.9	15.0	14.9
23	13.1	13.1	13.2	13.2	13.2	13.3	13.2	13.2	13.7	15.1	16.7	18.2	18.6	18.6	18.5
24	15.8	15.7	15.7	15.7	15.7	15.7	15.8	15.5	17.0	18:8	20.3	22.1	23.0	24.0	24.0
25	18.1	18.2	18.5	18.6	18.7	18.7	18.8	18.8	18.9	19.1	19.2	19.2	19.5	20.5	20.2
26	9.9	9.6	9.6	9.6	9.2	9.0	9.1	9.6	10.7	12.0	13.1	14.3	14.6	14.6	14.3
27	11.9	10.8	11.1	11.2	11.2	10.8	10.9	10.1	10.0	10.2	10.4	10.7	11.8	12.0	11.8
28	8.7	8.8	8.8	8.1	8.1	8.1	8.3	9.0	9.1	9.1	9.2	9.4	10.4	10.6	10.5
29	3.8	3.2	3.3	2.5	2.3	2.4	2.4	4.4	7.4	9.7	11.4	12.7	12.8	13.2	13.1
30	9.2	8.2	7.6	7.6	7.5	7.6	8.1	10.3	12.2	13.7	14.1	14.5	15.0	15.0	15.0
31	14.1	13.8	13.7	13.6	13.4	13.4	13.2	12.5	12.4	12.3	12.5	12.5	12.5	12.6	12.5
Prom	13.0	12.7	12.6	12.5	12.4	12.3	12.3	13.3	14.6	16.1	17.3	18.1	18.6	18.9	18.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
50.9	50.9	51.5	51.8	52.2	52.7	53.1	53.6	53.8	54.0	0	50.8	14,15	3.2	752.5 mm.	1003.3 mb.
59.4	60.1	60.4	61.2	61.5	62.1	62.4	63.2	63.3	63.3	24	53.8	0	9.5	58.8	1011.7
64.9	64.9	65.0	65.0	65.6	65.8	65.8	65.9	65.9	66.3	10-11	63.3	0	3.0	65.0	1020.0
61.3	61.0	60.8	60.2	60.2	60.4	60.8	60.7	60.5	65.9	0	60.2	19,20	5.7	63.2	1017.6
60.1	60.1	60.2	60.5	60.5	60.7	60.7	60.6	60.6	62.0	10-11	60.1	16,17	1.9	60.8	1014.4
57.7	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.0	60.6	0	57.5	17-18	3.1	59.0	1012.0
55.3	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.5	58.1	9-10	55.2	17	2.9	56.7	1008.9
51.0	50.9	50.7	51.1	51.1	51.2	51.1	51.1	51.0	55.5	0	50.6	15	4.9	52.5	1003.3
51.6	51.8	52.0	52.7	52.9	53.4	53.9	54.0	54.6	54.6	24	50.9	1-2	3.7	52.2	1002.9
55.4	55.7	55.8	56.0	56.5	56.7	56.8	56.9	56.9	56.9	23,24	54.6	0	2.3	55.8	1007.7
56.3	56.3	56.1	56.2	56.2	56.4	57.0	57.0	57.0	58.6	9	56.1	18	2.5	57.1	1009.4
54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	57.0	0	54.5	15-16	2.5	55.6	1007.4
50.6	50.6	50.7	51.1	51.6	51.7	51.7	51.7	51.5	54.7	0	50.6	16,17	4.1	52.4	1003.2
50.4	51.4	52.0	52.2	54.0	54.8	55.4	55.8	56.0	56.0	24	46.9	12,13	9.1	51.6	1002.1
58.1	58.4	58.7	59.1	59.6	59.7	59.7	59.7	60.1	60.1	24	56.0	0	4.1	58.3	1011.0
61.6	61.6	61.6	61.5	61.8	62.2	61.9	62.4	62.5	62.5	24	60.1	0	2.4	61.4	1015.2
64.2	64.3	65.2	65.7	66.2	66.5	66.7	66.8	66.9	66.9	24	62.3	4	4.6	64.4	1019.2
66.0	66.0	66.7	67.1	67.4	67.4	67.2	67.1	66.4	67.4	20,21	66.0	14-17	1.4	66.8	1022.4
61.3	61.7	60.7	60.8	60.4	60.1	60.0	59.0	58.9	66.4	0	58.9	24	7.5	63.1	1017.4
55.0	55.3	55.9	56.6	56.8	57.0	57.3	57.8	58.0	58.9	0	54.6	14-15	4.3	56.6	1008.8
60.9	61.2	61.6	62.0	62.4	62.4	62.9	63.0	62.8	63.0	23	57.8	2-3	5.2	60.5	1014.0
60.9	61.3	61.1	60.9	60.8	60.4	60.5	60.6	60.6	63.9	8-9	60.4	21	3.5	62.0	1016.0
56.4	56.4	56.6	56.6	56.8	56.6	56.6	56.5	56.4	60.6	0,1	56.3	15	4.3	58.2	1010.9
53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	53.8	56.5	7-8	53.8	24	2.7	55.2	1006.9
56.1	56.9	57.5	58.1	58.8	59.1	60.0	60.1	60.5	60.5	24	52.8	3-4	7.7	56.0	1008.0
57.8	58.5	58.5	58.1	59.1	58.6	58.7	58.5	58.8	60.9	8	57.7	17-18	3.2	59.5	1012.6
59.3	59.5	60.5	61.1	61.5	61.7	62.2	62.3	62.6	62.6	24	56.8	4	5.8	59.4	1012.5
64.1	64.9	65.2	65.6	66.0	66.1	66.7	67.0	66.8	67.0	23	62.5	3,4,5	4.5	64.3	1019.0
63.7	63.6	63.6	63.8	64.0	64.4	64.3	63.4	63.3	67.1	10	63.3	24	3.8	65.3	1020.4
61.4	61.4	61.7	61.8	61.8	61.7	61.7	61.7	61.6	64.1	1-2	61.0	24	3.1	62.6	1016.8
56.3	56.0	56.0	56.0	56.1	55.7	56.3	55.7	55.4	61.6	0	55.4	24	6.2	58.3	1011.0
58.0	58.1	58.3	58.5	58.8	59.0	59.2	59.2	59.2	61.1		56.8		4.3	58.9	1011.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
21.8	19.7	18.4	17.2	15.8	15.4	15.4	15.1	14.3	22.9	14	12.3	7	10.6	16.8
14.4	13.2	9.9	7.3	6.3	4.6	3.3	2.2	2.0	15.6	13,14	2.0	24	13.6	10.4
16.0	14.2	10.4	8.1	6.6	5.9	5.1	4.5	4.5	16.4	14	0.7	4	15.7	7.8
17.0	15.4	12.8	12.0	11.2	10.8	10.9	10.3	10.4	17.4	15,16	4.0	2,3	13.4	10.8
22.6	20.3	16.8	15.4	14.4	13.5	13.0	12.7	12.2	22.9	14	8.0	5	14.9	14.6
23.3	21.7	18.7	17.0	16.3	16.3	16.3	15.9	15.7	23.6	14	11.0	4	12.6	16.8
25.7	24.3	23.1	22.5	21.8	21.6	21.4	20.6	20.7	27.3	13-14	15.7	0,1,2	11.6	21.0
25.5	25.0	24.3	22.8	22.2	21.9	21.8	21.8	21.9	26.1	12	20.7	0,1,2,3	5.4	23.0
28.1	26.4	24.0	23.0	22.1	22.1	21.8	21.0	20.9	28.7	14,15	20.4	7	8.3	23.6
28.0	25.8	24.3	23.2	22.7	22.8	22.8	22.6	22.1	29.5	14	20.1	2,3,4,5	9.4	23.7
27.8	25.2	24.4	23.6	22.8	22.7	22.3	21.8	21.7	30.0	14	21.5	5,6	8.5	24.1
27.6	25.5	23.8	23.8	23.7	23.3	23.0	22.8	22.5	28.9	14,15	20.4	5,6	8.5	23.9
26.4	24.4	23.4	22.4	22.2	21.9	22.1	21.9	21.9	28.4	14	20.8	6,7	7.6	23.7
16.8	15.4	15.0	14.4	13.2	12.1	11.4	10.6	10.6	21.9	0	10.6	23,24	11.3	17.1
16.8	14.9	12.7	11.6	10.6	10.6	10.6	10.0	9.6	18.1	14	9.6	7	8.5	12.5
10.1	10.0	10.1	10.0	9.6	9.6	9.6	9.6	9.6	10.6	10	8.8	1,2	1.8	10.1
12.1	10.9	8.7	7.8	6.8	6.1	5.9	5.2	4.6	13.7	13-14	4.6	24	9.1	9.5
12.1	11.3	10.6	9.5	9.2	8.9	8.8	8.7	8.5	12.5	14	4.5	1	8.0	8.4
12.7	12.6	12.7	12.8	12.9	12.9	13.4	13.3	13.3	13.4	22	7.5	7-8	5.9	11.1
14.3	14.1	13.9	13.9	13.5	13.5	13.6	13.6	13.6	15.1	11	13.1	2	2.0	13.9
12.7	12.3	11.7	11.4	9.4	9.0	8.3	8.1	7.5	13.6	0,4	7.5	24	6.1	11.8
14.8	13.8	13.5	13.2	13.0	13.0	13.2	13.2	13.2	15.1	13-14	6.6	5	8.5	11.2
18.0	17.3	16.6	16.4	15.9	15.9	16.0	15.9	16.0	18.6	13,14	13.1	1,2	5.5	15.5
22.0	20.7	19.6	18.8	18.1	17.5	17.7	18.1	18.1	24.2	14-15	15.5	8	8.7	18.6
19.4	18.2	16 7	15.4	13.8	12.8	11.9	10.9	10.2	20.5	14	10.2	24	10.3	17.3
13.9	13.7	13.5	12.6	12.4	12.3	12.4	12.4	12.4	14.6	13,14	9.0	6	5.6	11.9
11.6	11.4	11.2	10.8	10.4	10.3	10.2	10.0	8.9	12.4	0	8.9	24	3.5	10.8
10.4	10.2	9.5	9.1	8.8	8.2	7.6	7.1	5.2	10.6	14	5.2	24	5.4	8.8
12.5	10.6	9.8	9.5	9.6	9.7	9.7	9.8	9.9	13.2	14	2.3	5	10.9	8.2
15.0	14.2	14.1	14.3	14.5	14.4	14.3	14.3	14.3	15.0	13-16	7.5	5	7.5	12.3
12.5	12.4	12.3	12.2	12.0	12.1	12.0	11.9	11.9	14.3	0	11.9	23-24	2.4	12.7
18.1	16.9	15.7	14.9	14.2	13.9	13.7	13.4	13.2	19.2		10.8		8.4	14.9

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15
1	89	88	89	89	90	91	93	86	76	70	64	63	59	58	60
2	93	93	97	93	90	74	74	64	51	42	35	31	29	27	29
3	86	92	93	91	77	68	65	63	56	46	44	37	33	32	33
4	88	89	92	90	90	97	99	77	61	47	39	35	28	34	38
5	75	81	77	87	87	86	87	73	67	59	54	51	49	44	47
6	88	88	90	92	92	86	86	81	69	65	64	61	59	61	62
7	94	94	95	94	94	94	94	94	86	81	78	76	75	78	82
8	96	96	95	93	93	92	92	86	85	82	80	80	89	91	79
9	81	82	85	87	89	91	92	89	73	67	65	62	61	61	70
10	94	93	94	94	93	95	95	91	84	73	67	62	59	58	60
11	88	90	91	93	94	92	90	88	80	77	67	61	57	56	63
12	82	79	81	84	86	85	84	80	73	66	58	57	56	55	57
13	78	82	85	87	87	88	87	74	69	61	57	58	54	54	56
14	75	79	81	82	84	96	97	98	98	96	97	98	95	86	87
15	94	93	92	86	87	91	90	86	75	69	62	59	51	46	55
16	87	83	77	77	81	80	78	76	70	58	59	72	87	90	94
17	95	95	95	95	95	95	95	95	89	79	73	67	65	71	71
18	92	92	89	92	94	93	90	91	85	77	66	58	57	55	61
19	93	98	100	100	100	99	100	84	77	74	69	69	69	72	73
20	88	88	84	85	86	86	94	91	88	88	85	84	93	95	95
21	98	98	98	98	98	98	98	99	99	99	99	93	90	88	88
22	99	99	99	100	100	100	100	100	100	100	90	79	70	72	80
23	88	86	85	89	89	89	89	90	86	79	73	67	68	69	71
24	90	90	90	90	91	91	92	93	85	80	74	69	63	60	61
25	95	95	96	93	93	94	96	96	92	87	82	75	68	64	68
26	96	97	97	96	96	95	95	95	87	86	83	73	73	74	77
27	91	95	89	95	94	95	95	93	90	89	95	96	95	90	85
28	97	97	97	97	98	97	97	97	97	97	95	85	77	77	73
29	94	97	95	98	100	100	100	93	71	66	65	61	58	57	59
30	88	92	93	93	93	96	95	90	81	71	67	68	66	68	69
31	83	87	89	93	95	93	97	98	98	98	98	98	98	98	98
Prom.	90	90	91	91	91	91	91	87	80	75	71	68	66	66	68

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	10.0	10.0	9.5	9.5	9.5	10.0	9.5	10.2	10.5	10.5	11.5	12.0	11.5	11.9	11.5
2	10.5	9.5	9.5	8.5	7.8	6.0	6.2	5.7	5.2	4.6	4.0	4.2	3.6	3.7	3.4
3	4.6	4.4	4.4	4.4	3.8	3.4	3.4	4.4	4.4	4.8	4.8	4.6	4.2	4.6	4.4
4	5.4	5.2	5.6	5.4	5.4	6.2	6.2	6.2	6.2	5.6	5.0	4.6	4.0	5.1	5.4
5	7.2	6.6	6.6	7.0	7.0	7.0	7.0	7.4	7.8	8.0	8.5	9.5	9.5	9.2	9.5
6	9.0	9.0	8.5	9.0	9.0	8.5	8.5	9.0	8.5	10.0	11.5	12.5	12.0	13.2	13.5
7	12.0	12.0	12.0	12.5	13.0	13.0	13.0	14.1	15.0	16.0	17.0	17.5	20.0	20.4	20.5
8	17.5	17.5	17.5	18.0	17.5	17.0	17.5	18.2	18.0	18.0	18.5	19.5	20.5	20.8	17.5
9	16.0	16.0	16.0	16.0	16.0	16.5	16.0	16.3	15.0	17.0	16.0	16.5	17.5	17.9	19.5
10	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.9	17.5	18.0	18.0	17.5	17.0	17.6	17.5
11	17.0	17.0	18.0	17.5	17.5	17.5	16.5	17.2	16.0	17.5	17.5	17.5	17.5	17.2	18.5
12	15.5	14.5	15.5	15.0	14.5	14.5	14.5	15.1	15.5	16.0	15.0	16.0	17.0	16.3	17.0
13	15.5	16.0	16.0	16.5	16.0	16.0	16.0	14.9	15.0	15.5	15.0	15.5	15.0	15.4	16.0
14	14.0	14.5	15.0	14.5	14.5	15.5	15.5	15.6	15.5	15.5	15.5	14.5	14.0	13.6	13.5
15	8.5	8.5	8.5	8.0	8.0	8.5	7.8	7.8	7.4	7.8	8.0	7.8	7.6	7.2	7.8
16	7.4	7.0	6.6	6.8	7.2	6.6	6.6	6.9	6.6	6.2	6.2	7.6	8.5	8.7	8.5
17	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	7.4	7.4	7.4	7.4	7.2	8.0	7.8
18	5.8	5.8	5.6	5.8	6.0	6.0	5.8	6.5	6.4	6.0	6.4	6.4	5.8	6.0	6.6
19	7.6	7.6	7.4	7.6	7.6	7.6	7.6	7.8	7.6	7.4	7.2	7.2	7.4	7.9	7.8
20	9.5	9.5	9.0	9.5	10.0	10.0	10.5	10.5	10.5	10.5	10.5	10.0	11.5	11.7	11.0
21	11.0	11.0	11.0	11.0	11.0	10.5	10.5	10.3	10.0	10.0	10.0	9.5	9.5	10.0	9.5
22	7.4	7.4	7.2	7.2	7.0	7.2	7.2	8.2	8.0	9.0	9.0	9.0	8.5	9.2	9.5
23	9.5	9.5	9.0	9.5	9.5	9.5	9.5	10.2	10.0	9.5	10.0	10.5	10.5	11.1	11.5
24	11.5	11.5	11.5	11.5	12.0	12.0	12.0	12.3	11.5	12.5	12.5	13.0	13.0	13.3	13.5
25	14.0	14.0	15.5	14.5	14.5	14.5	15.5	15.5	15.0	14.0	13.5	12.0	11.0	11.6	11.5
26	8.5	8.5	8.5	8.5	8.5	7.8	7.8	8.4	8.0	9.0	9.0	8.5	8.5	9.1	9.0
27	9.5	8.5	8.5	9.0	9.0	8.5	9.0	8.5	7.8	8.0	8.5	9.0	9.5	9.4	7.8
28	8.0	8.0	8.0	7.8	7.8	7.8	7.8	8.4	8.0	8.0	8.0	7.2	7.2	7.4	6.8
29	5.8	5.6	5.2	5.2	5.2	5.2	5.2	5.9	5.6	6.0	6.4	6.8	6.2	6.5	6.4
30	7.6	7.4	7.2	7.2	7.2	7.4	7.4	8.4	8.5	8.5	8.0	8.0	8.5	8.6	8.5
31	9.5	10.0	10.0	10.5	10.5	10.5	11.0	10.6	10.5	10.5	10.5	10.5	10.5	10.6	10.5
Prom.	10.3	10.2	10.2	10.2	10.2	10.2	10.2	10.5	10.3	10.6	10.6	10.7	10.8	11.1	11.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
66	79	86	91	93	94	91	90	92	94	21	58	14	36	81
31	40	58	58	73	80	88	89	84	97	3	27	14-15	70	63
36	58	71	78	82	83	89	87	85	93	3	31	15-16	62	66
40	52	63	69	71	67	69	72	73	99	7	28	13	71	66
52	66	83	79	74	79	80	82	88	88	24	43	13-14	45	71
64	75	88	91	94	94	93	93	94	95	20-21	59	13	36	80
85	94	94	95	96	96	96	96	96	98	19-20	74	13-14	24	90
81	83	82	84	89	89	90	86	83	97	2-3	76	15-16	21	87
80	87	87	89	89	89	93	94	94	95	23-24	60	12-13	35	82
67	75	82	87	83	82	84	86	87	96	6-7	55	12-13	41	81
68	76	80	80	81	82	84	85	83	94	5	56	14	38	79
63	72	80	72	73	75	77	77	78	86	5	55	14	31	73
63	71	77	82	81	81	78	78	76	88	6	54	13,14	34	74
93	78	70	69	79	87	90	93	94	99	5-6	68	18-19	31	88
65	75	81	87	93	84	88	95	86	95	23	44	13-14	51	79
97	95	94	97	97	97	96	95	95	98	15-16	57	9-10	41	85
68	72	84	85	83	85	86	88	91	96	7-8	64	12-13	32	84
67	72	80	90	95	95	96	92	93	95	5-6	53	14-15	42	82
75	75	77	74	75	79	80	85	85	100	3,4,5,7	61	10-11	39	83
96	96	96	97	97	97	97	97	98	98	24	83	11-12	15	92
88	88	88	91	97	97	98	98	99	100	23-24	87	13-14	13	95
81	89	89	88	88	90	87	87	86	100	4-10	68	13-14	32	90
77	84	87	90	91	90	90	90	90	92	20-21	66	12-13	26	84
76	81	86	88	89	91	93	93	95	95	24	56	14-15	39	84
68	74	73	76	76	78	80	88	93	96	3	63	13-14	33	83
80	82	89	94	95	86	84	80	74	97	1,2	71	12-13	26	87
86	81	85	89	90	90	90	92	96	96	12,24	74	0	22	91
74	75	70	64	65	65	74	79	86	98	5	64	19	34	84
65	74	76	77	76	77	79	79	79	100	5,6,7	57	14	43	79
75	79	83	79	76	77	77	77	80	96	6	65	12-13	31	80
98	98	98	98	98	98	98	98	98	98	8-24	80	0	18	96
72	77	82	84	85	86	87	88	88	96		60		36	82

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
13.0	13.0	13.5	13.5	12.5	12.0	12.0	11.0	11.0	13.5	18,19	9.5	3,4,5,7	4.0	11.2
4.0	4.2	5.2	4.4	5.2	4.8	5.0	4.6	4.4	11.0	0	3.4	15	7.6	5.6
5.0	6.8	6.8	6.2	6.0	5.6	5.6	5.4	5.2	6.8	17,18	3.4	6,7	3.4	4.9
5.4	6.8	6.8	7.0	7.0	6.4	6.4	6.6	6.8	7.0	19,20	4.0	13	3.0	5.9
9.0	9.5	11.5	10.0	9.0	8.5	8.5	9.0	9.0	11.5	18	6.6	2,3	4.9	8.4
13.0	14.0	14.0	13.0	12.9	12.5	12.5	12.5	12.0	14.0	17,18	8.5	3,6,7,9	5.5	11.2
20.0	19.5	19.5	18.5	18.7	18.5	18.5	17.5	17.5	20.5	15	12.0	0,1,2,3	8.5	16.5
18.5	19.0	18.5	17.0	17.8	17.0	17.0	17.0	16.0	20.8	14	16.0	24	4.8	18.0
22.0	22.0	18.0	18.0	17.6	17.0	18.0	17.0	17.0	22.0	16,17	15.0	9	7.0	17.3
19.0	17.5	18.5	18.5	17.1	17.0	17.0	17.5	17.0	19.0	16	16.0	1-7	3.0	17.1
18.5	18.5	17.5	16.5	16.7	17.0	16.5	16.0	16.0	18.5	15,16,17	16.0	9,23,24	2.5	17.2
17.0	17.5	17.0	15.5	15.9	15.5	16.0	16.0	15.5	17.5	17	14.5	2,5,6,7	3.0	15.7
16.0	15.5	16.5	15.5	16.0	16.0	15.0	15.0	15.0	16.5	4	14.9	8	1.6	15.6
13.5	10.0	8.5	8.0	8.9	9.0	8.5	8.5	8.5	15.6	8	8.0	19	7.6	12.7
8.5	9.0	9.0	8.5	8.8	7.8	8.0	8.5	7.8	9.0	17,18	7.4	9	1.6	8.1
9.0	8.5	8.5	8.5	8.7	8.5	8.5	8.0	8.0	9.0	16	6.2	10,11	2.8	7.6
7.0	7.0	6.8	6.4	6.1	5.8	6.0	6.0	5.8	8.1	8	5.8	21,24	2.3	7.2
7.0	7.2	7.4	7.6	8.3	7.8	8.0	7.8	7.5	8.3	21	5.6	3	2.7	6.6
7.8	7.8	8.5	7.8	8.3	8.5	8.5	9.0	9.0	9.0	23,24	7.2	11-12	1.8	7.8
11.5	11.5	11.5	11.5	11.1	11.0	11.0	11.0	11.0	11.7	14	9.0	0,3	2.7	10.6
9.5	9.0	8.5	9.0	8.6	8.0	7.8	7.8	7.4	11.0	0-5	7.4	24	3.6	9.6
10.0	10.0	10.0	9.5	9.8	9.5	9.5	9.5	9.5	10.0	16,17,18	7.0	5	3.0	8.7
11.5	12.0	12.0	12.0	12.3	11.5	11.5	11.5	11.5	12.3	20	9.0	3	3.3	10.6
15.0	15.0	14.5	14.0	14.0	13.5	13.5	14.0	14.0	15.0	16,17	11.5	0-4,9	3.5	13.0
11.0	11.0	10.0	10.0	8.9	8.5	8.0	8.0	8.5	15.5	3,7,8	8.0	22,23	7.5	12.1
9.0	9.5	10.0	10.0	10.2	9.0	8.5	8.0	7.8	10.2	20	7.8	6,7,24	2.4	8.7
8.0	8.0	8.0	8.0	8.4	8.0	8.0	8.5	8.0	9.5	1,13	7.8	0,9,15	1.7	8.5
7.0	6.6	6.0	5.4	5.5	5.0	5.6	5.8	5.8	8.4	8	5.0	21	3.4	7.0
6.8	6.8	7.0	6.8	6.8	7.0	7.0	7.0	7.0	7.0	18,21-24	5.2	3-7	1.8	6.2
9.0	9.0	9.0	9.0	9.3	9.0	9.0	9.0	9.0	9.3	20	7.0	24	2.3	8.3
10.5	10.5	10.5	10.0	10.4	10.0	10.0	10.0	10.0	11.0	7	9.0	0	2.0	10.3
11.4	11.4	11.2	10.8	10.9	10.5	10.5	10.4	10.3	12.5		8.8		3.7	10.6

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 – 1		1 – 2		2 – 3		3 – 4		4 – 5		5 – 6		6 – 7		7 – 8		8 – 9		9 – 10		10 – 11		11 – 12		12 – 13		13 – 14		14 – 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	N	11	N	9	N	7	N	10	N	9	N	9	N	9	N	11	N	21	N	17	N	19	N	22	N	22	NW	20	NW	19
2	S	3	S	2	Calma	1	S	3	S	3	S	3	S	7	S	6	S	11	S	12	S	14	S	16	S	16	S	14	S	14
3	W	3	W	3	NW	2	NW	3	W	6	W	8	W	5	W	4	W	7	W	7	W	7	SW	9	SW	9	W	8	W	8
4	NW	3	NW	4	NW	6	NW	6	NW	6	NW	6	N	6	N	7	N	15	N	15	N	23	N	21	N	17	N	26	N	22
5	N	12	NW	9	NW	9	NW	7	NW	6	NW	6	N	8	N	9	NW	13	NW	13	NW	12	NW	16	NW	17	W	15	W	15
6	N	7	N	8	N	6	N	5	N	11	N	13	N	10	N	10	N	13	N	14	N	16	N	16	N	18	NW	19	NW	17
7	N	5	N	6	N	5	N	6	N	4	N	2	N	5	N	4	N	6	N	4	N	8	N	10	NW	10	N	9	N	11
8	NE	7	NE	10	NE	8	N	10	N	8	N	10	N	12	N	16	N	27	N	23	N	26	N	24	NW	19	NW	6	NW	9
9	N	11	N	9	N	17	N	17	N	12	N	14	N	10	N	7	N	10	NW	12	NW	12	NW	14	NW	10	N	8	N	8
10	NE	2	N	2	N	6	N	5	Calma	1	N	6	N	4	N	7	N	10	N	16	N	16	N	14	N	16	N	13	N	12
11	N	11	NE	12	NE	9	NE	11	NE	9	NE	8	NE	8	NE	5	N	11	N	12	N	20	N	26	N	22	N	18	N	18
12	NE	16	NE	20	NE	22	NE	19	NE	15	NE	18	NE	19	NE	22	N	30	N	22	N	24	N	24	N	24	N	18	N	21
13	N	23	N	18	N	20	N	24	N	20	N	20	N	20	N	20	N	26	N	20	N	26	N	28	N	28	N	27	N	24
14	N	8	N	15	N	15	N	12	N	10	NW	10	NW	10	NE	9	NE	19	N	10	N	10	NW	5	NW	12	SW	8	SW	12
15	SW	8	SW	2	SW	6	SW	7	SW	7	SW	9	SW	9	SW	4	NW	3	NW	4	W	3	SW	3	SW	3	SW	4	Calma	1
16	SW	2	SW	4	SW	5	SW	4	S	4	S	4	SE	3	SE	4	SE	3	SE	6	SE	5	S	3	Calma	1	SW	3	Calma	1
17	S	2	Calma	0	S	3	S	3	Calma	1	SW	2	S	2	Calma	1	S	4	S	3	S	5	S	3	S	6	S	4	S	4
18	Calma	0	S	2	Calma	1	SE	2	Calma	1	SE	3	SE	2	Calma	1	SE	6	SE	4	SE	6	SE	7	SE	5	SE	4	SE	3
19	SE	5	SE	3	SE	2	SE	3	SE	4	SE	4	SE	2	E	5	E	15	E	19	E	20	E	22	E	15	E	14	E	15
20	E	12	E	12	E	13	E	14	E	11	E	7	E	8	E	6	E	13	E	10	E	9	E	9	E	6	E	5	E	9
21	SW	5	SW	4	SW	3	SW	6	SW	3	SW	4	SW	4	SW	4	W	8	W	8	W	8	W	10	W	8	W	9	W	8
22	NW	6	NW	8	NW	8	NW	6	NW	5	NW	7	NW	4	NW	6	NW	6	Calma	0	E	3	Calma	1	NE	4	NE	5	NE	5
23	NE	3	NE	4	N	5	N	4	N	4	N	4	N	5	N	7	N	12	N	12	N	14	N	12	N	8	N	10	N	7
24	NE	8	NE	6	NE	7	NE	5	NE	3	NE	6	NE	8	NE	6	NE	10	N	9	N	10	N	7	N	9	NE	9	NE	10
25	N	9	N	12	N	17	N	15	NW	12	NW	10	W	5	SW	6	S	9	S	9	S	7	S	8	S	7	S	7	S	4
26	SE	4	SE	3	SE	4	SE	4	SE	5	SE	3	SE	4	SE	5	SE	9	SE	8	SE	6	E	11	E	16	E	15	E	11
27	SE	5	SE	8	SE	13	SE	9	SE	9	SE	9	SE	7	SE	9	SE	8	SE	6	S	8	SE	8	SE	8	SE	9	SE	9
28	Calma	1	S	4	S	4	Calma	1	Calma	1	SW	3	Calma	1	S	3	SW	8	S	4	S	6	S	8	S	8	S	7	S	6
29	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	SE	2	E	4	NE	8	NE	10	NE	12	NE	12	NE	13
30	NE	10	NE	3	NE	6	NE	6	NE	6	NE	7	NE	8	NE	10	NE	14	NE	18	NE	13	NE	16	NE	17	NE	17	NE	12
31	NE	10	NE	4	NE	5	NE	4	NE	3	NE	3	NE	2	NE	4	N	6	NE	5	NE	5	NE	4	E	3	SE	3	Calma	1
DIRECCION PREVALENTE	N		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
NUMERO DE HORAS	9		8		9		10		8		8		10		10		12		12		12		10		9		8		8	
PROM. HOR. DE LA VELOCIDAD		7		7		6		7		6		7		7		7		11		10		12		12		12		11		11

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NUMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NW	16	NW	6	N	5	NW	3	NW	4	NW	4	W	6	SW	7	SW	3	W	1	11	27	N	11.18
[illegible]	[illegible]	SW	5	SW	4	SW	2	SW	3	SW	4	SW	2	SW	2	W	3	S	14	6	29	SW	11.00
[illegible]	7	NW	5	NW	2	NW	4	NW	5	NW	3	NW	4	NW	2	NW	4	W	12	5	15	SW	11.32
N	17	N	11	N	10	N	12	N	12	N	14	N	12	N	14	N	15	N	18	12	30	N	13.28
NW	9	NW	5	N	6	N	5	N	6	N	6	N	6	N	7	N	9	NW	12	9	23	NW	12.52
NW	16	N	9	N	5	N	2	NE	3	NE	5	N	5	N	5	N	5	N	19	10	24	NW	12.42
N	7	NE	4	NE	4	NE	3	N	4	NE	3	NE	4	NE	4	NE	3	N	16	5	15	NW	13.25
N	14	N	6	NW	7	N	6	NE	9	NE	9	NE	13	[illegible]	[illegible]	N	13	[illegible]	13	12	35	N	8.52
NE	10	NE	5	NE	2	NE	5	NE	3	NE	3	NE	3	[illegible]	[illegible]	NE	4	[illegible]	11	9	23	N	1.25
NE	9	NE	9	NE	5	NE	9	NE	8	NE	13	NE	13	N	12	N	12	N	13	5	19	N	10.14
NE	16	NE	14	NE	12	NE	9	NE	10	NE	9	N	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]	[illegible]	13	32	N	13.26
NE	17	NE	12	NE	8	NE	[illegible]	NE	16	NE	15	NE	20	[illegible]	[illegible]	NE	20	NE	17	15	33	NE	8.26
N	18	NE	16	NE	11	N	10	N	15	N	15	N	14	N	18	N	18	N	22	20	33	N	11.00
SW	18	SW	26	SW	22	SW	10	S	3	SW	5	SW	6	SW	6	SW	6	SW	10	11	49	SW	16.29
NW	2	Calma	1	NW	4	W	3	W	3	W	4	Calma	1	Calma	0	SW	2	SW	12	4	13	SW	5.48
Calma	1	E	3	Calma	1	Calma	0	Calma	1	S	4	S	2	S	3	S	2	S	7	3	9	SE	9.09
S	3	S	2	Calma	1	Calma	0	Calma	0	Calma	0	S	2	Calma	0	Calma	1	S	14	2	7	S	13.20
Calma	1	Calma	1	SE	2	Calma	1	Calma	0	Calma	1	SE	3	Calma	1	SE	5	SE	13	2	9	SE	11.19
E	10	E	9	E	14	E	16	E	17	E	18	E	18	E	18	E	14	E	17	12	31	E	10.38
E	5	SE	3	S	2	S	4	S	2	S	4	Calma	1	Calma	1	SW	2	E	15	7	18	E	9.18
W	7	W	6	W	6	W	5	NW	6	NW	7	NW	6	NW	6	NW	8	W	11	6	16	W	11.36
NE	6	NE	3	E	2	E	3	NE	2	Calma	1	N	6	N	6	N	6	NA	9	4	10	N	5.04
N	9	N	8	N	5	N	5	N	4	NE	5	NE	6	NE	5	NE	7	N	18	7	14	N	9.42
NE	10	E	5	E	8	E	9	E	10	E	9	NE	7	NE	7	NE	7	NE	15	8	12	NE	8.19
S	6	S	3	S	5	S	2	S	6	S	5	SE	4	SE	4	SE	3	S	13	7	20	S	2.44
E	9	SE	8	SE	6	SE	[illegible]	SE	6	E	8	SE	8	E	9	E	7	SE	16	7	24	[illegible]	12.51
[illegible]	8	SE	10	S	5	S	7	S	8	S	6	S	4	Calma	0	Calma	0	SE	16	7	20	SE	2.12
S	6	S	4	S	5	S	3	SE	2	Calma	1	Calma	0	Calma	0	Calma	0	S	13	4	16	SW	8.40
NE	[illegible]	NE	8	NE	[illegible]	[illegible]	[illegible]	NE	3	[illegible]	[illegible]	NE	10	NE	12	NE	14	NE	14	6	22	NE	23.01
[illegible]		[illegible]	4	NE	[illegible]	NE	4	NE	8	NE	8	NE	9	NE	9	[illegible]	[illegible]	NE	24	[illegible]	[illegible]	NE	10.54
[illegible]	[illegible]	S	3	S	6	S	6	S	4	S	5	S	5	S	4	S	[illegible]	NE	11	5	15	NE	[illegible].16
[illegible]		NE		NE		NE		NE		NE		NE		[illegible]				PREVALENCIA DIARIA		VELOCIDAD MEDIA DIARIA DEL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 km.		
9		9		8		7		9		[illegible]		[illegible]		[illegible]				N	109	8	DIRECCIÓN	DÍA	HORA
	9		8		6		6		6		7		6				7				SW	14	de 16.40 a 16.45

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	14	181									2	10	1	6	7	72		269
2									14	124	8	30	1	3			1	158
3											2	18	12	73	10	34		125
4	18	271													6	31		302
5	10	74											2	30	12	119		223
6	19	178	2	8											3	52		238
7	16	96	7	25											1	10		131
8	13	195	7	67											4	41		303
9	11	123	9	40											4	48		211
10	13	127	10	92													1	220
11	8	138	16	166														304
12	7	163	17	292														455
13	22	455	2	27														482
14	7	80	2	2'					1	3	10	119			4	37		267
15											12	70	4	13	4	13	4	99
16					1	3	5	21	7	22	5	18					6	69
17									14	46	1	2					9	52
18							13	52	1	2							10	62
19					17	259	7	23										282
20					16	150	1	3	4	12	1	2					2	169
21											8	33	11	83	5	33		149
22	3	18	6	26	3	8									9	56	3	110
23	18	135	6	31														166
24	4	35	15	109	5	41												185
25	4	53					3	11	13	78	1	6	1	5	2	22		175
26					8	86	16	91										177
27							16	135	6	38							2	173
28							1	2	13	68	2	11					8	86
29			14	137	1	4	1	2									8	144
30			24	230														230
31	1	6	[illegible]	49	1	3	1	3	9	50							1	112
SUMAS	188	2328	148	1327	52	554	64	343	82	443	52	319	32	213	71	568	55	6128
% PREVAL POR VELOCIDAD	38.0		21.6		9.0		5.6		7.2		5.2		3.5		9.3		0.5	VELOCIDAD MEDIA DIARIA EN EL MES 197
VELOCIDAD MEDIA POR DIRECCIÓN	12		9		11		5		5		6		7		8		1	

RECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	9	7	1	3	2	3	1	2	3
1 - 2	8	7	1	3	3	3	1	3	2
2 - 3	9	6	1	3	2	3	0	4	3
3 - 4	10	5	1	4	2	3	0	4	2
4 - 5	8	5	1	3	2	2	1	4	5
5 - 6	8	5	1	4	2	4	1	5	1
6 - 7	10	5	1	5	2	2	1	2	2
7 - 8	10	6	2	3	2	3	1	1	3
8 - 9	12	3	2	5	3	1	2	3	0
9 - 10	12	2	3	4	4	0	2	3	1
10 - 11	12	3	3	3	5	0	3	2	0
11 - 12	10	3	3	2	5	2	1	3	1
12 - 13	9	3	4	2	4	2	1	5	1
13 - 14	8	4	3	3	4	3	3	3	0
14 - 15	8	4	3	2	4	1	3	3	3
15 - 16	5	8	3	1	4	2	2	4	2
16 - 17	4	9	3	3	4	2	1	3	2
17 - 18	5	8	3	2	5	2	1	3	2
18 - 19	6	7	3	1	5	2	2	2	3
19 - 20	5	9	2	2	5	1	1	3	3
20 - 21	3	10	3	0	5	2	1	3	4
21 - 22	5	10	1	3	4	2	1	2	3
22 - 23	6	9	2	1	2	3	0	2	6
23 - 24	7	8	2	2	2	4	1	2	3
SUMAS	189	146	52	64	82	54	31	71	55
% de frec. por dirección	25.4	19.6	7.0	8.6	11.0	7.2	4.2	9.5	7.4

NUBES, VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Ci	5	Cs	8	Cs	8	Cs	5	97	99	97
2	Ci	2	Claro	0	Ac	4	Ac	4	Ac	3	8	8	8
3	Sc 5 Ac 1 Ci 1	7	Claro	0	Claro	0	Claro	0	Claro	0	6	9	9
4	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	9	9
5	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	8
6	Claro	0	Claro	0	Cu	2	Claro	0	Claro	0	8	9	7
7	Cu	5	Sc 3 Ac 4	7	Sc	7	Sc	7	Sc	2	7	9	5
8	Cu 1 Cb 4 Ci 2	7	Sc 5 Cb 1	6	St	6	Sc	7	Claro	0	7	8	8
9	Cu	4	Cu	1	Claro	0	Claro	0	Claro	0	7	7	8
10	Claro	0	Ci	7	Ci	2	Ci	5	Claro	0	8	7	8
11	Sc	7	Sc	3	Claro	0	Ac	2	Claro	0	7	8	9
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	9	9
13	Claro	0	Ac	3	Ci	2	Ci	3	Ci	1	8	8	9
14	Ns	8	Ns	8	Sc 4 As 2	6	Frs	8	Claro	0	6	8	9
15	Ci	3	Ci	5	Cs	7	As	7	Claro	0	8	9	9
16	Sc 2 Ac 3 Cc 1	6	St	8	Frn	8	Ns	8	St	8	6	7	6
17	Sc 5 Ci 2	7	Ac	7	Sc	8	Sc 1 Ac 5	6	Claro	0	8	9	9
18	Ac	8	Ac 4 Ci 1	5	As	8	St	8	Ns	8	6	6	6
19	As	8	As	8	St Sc	8	Sc	8	As	8	8	9	9
20	St	8	St	8	Ns	8	Ns	8	Claro	0	6	3	6
21	St	8	St	8	St	8	St	8	Claro	0	6	9	9
22	Niebla	9	Sc 5 Ci 1	6	Sc 4 Ac 2	6	Sc 1 Ac 2 Ci 4	7	Sc	8	1	8	9
23	Sc 5 Ac 3	8	Sc	7	Sc	8	Sc	8	St	8	8	8	9
24	Sc 2 Ci 6	8	Ci	8	Cs	8	Cs 5 Sc 3	8	Sc	3	8	8	9
25	Frs	8	Cu	7	Sc 6 Ci 1	7	Sc 3 Ci 5	8	Sc	1	7	8	9
26	Ac	7	Sc 6 Ac 1	7	Sc 3 As 3 Cs 2	8	Ac	8	Ns	8	6	8	7
27	Ns	8	St	8	Sc	8	As	8	As	8	7	8	8
28	Ns	8	Sc	8	Sc	7	Sc	8	Sc	8	7	8	9
29	Cs	6	Cu 4 Cs 4	8	Cs	5	Cs	8	Cs	8	6	8	9
30	Cs	8	Cs	8	As	8	As	8	Sc	8	7	9	9
31	Ns	8	Ns	8	Ns	8	Ns	8	Ns	8	6	5	5
Prom.		5		5		5		6		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	35.7	20.1	1.27	0	5	4	B.
	10	40.7	23.3	1.41	0	5	4	B.
	12	38.5	25.0	1.10	7	4	5	
	14	40.2	25.5	1.20	8	4	5	
	15	40.2	25.5	1.20	8	4	5	
2	9	34.3	16.9	1.41	1	5	5	
	10	38.0	29.0	0.73	0	5	5	
	12	40.5	21.0	1.58	1	5	5	
	14	38.7	20.5	1.48	4	5	5	
	15	27.5	17.0	0.85	5	2	5	
3	9	26.0	12.1	1.13	5	3	4	B.
	10	36.4	16.9	1.58	1	5	4	B.
	12	40.0	19.9	1.63	1	5	5	
	14	39.0	19.8	1.56	0	5	5	
	15	35.9	19.0	1.37	0	5	5	
4	9	33.6	16.1	1.42	0	5	5	
	10	38.4	19.4	1.54	0	5	5	
	12	40.5	20.4	1.63	0	5	5	
	14	39.4	21.3	1.47	0	5	5	
	15	36.8	20.5	1.33	0	5	5	
5	9	35.0	27.3	0.63	0	5	5	
	10	39.5	21.5	1.46	0	5	5	
	12	43.8	26.6	1.40	0	5	5	
	14	42.0	26.4	1.27	0	5	3	B.
	15	39.8	25.4	1.17	0	5	4	B.
6	9	37.6	20.3	1.41	0	5	5	
	10	42.2	23.9	1.49	0	5	5	
	12	45.7	27.3	1.50	0	5	5	
	14	40.0	26.5	1.10	2	3	5	
	15	42.0	26.7	1.24	0	5	5	
7	9	36.1	23.6	1.02	5	3	4	B.
	10	41.6	26.8	1.20	6	3	4	B.
	12	47.4	30.4	1.38	5	3	4	B.
	14	36.0	28.5	0.61	7	0	5	
	15	28.4	25.8	0.21	7	0	5	
8	9	38.4	26.9	0.93	7	3	4	
	10	32.7	25.4	0.59	7	3	4	
	12	34.0	27.2	0.55	7	0	4	
	14	32.6	25.4	0.58	7	1	5	
	15	39.5	28.2	0.92	6	3	5	
9	9	41.5	27.0	1.18	0	5	5	
	10	46.0	29.5	1.34	2	5	5	
	12	48.0	31.2	1.36	0	5	4	B.
	14	47.5	31.8	1.28	0	5	4	B.
	15	44.6	31.0	1.10	0	5	4	B.
10	9	41.9	27.0	1.21	1	5	4	B.
	10	46.0	29.9	1.31	2	5	4	B.
	12	45.2	29.5	1.28	3	5	4	B.
	14	46.2	32.8	1.09	2	4	5	
	15	41.4	30.9	0.85	7	2	4	B.
11	9	35.0	26.0	0.73	6	1	5	
	10	41.5	27.9	1.10	5	1	5	
	12	49.0	32.1	1.37	0	5	5	
	14	49.9	33.1	1.36	0	5	5	
	15	43.2	30.0	1.07	1	3	5	
12	9	41.1	26.6	1.18	0	5	4	B.
	10	45.2	29.0	1.32	0	5	5	
	12	48.5	32.0	1.34	0	5	5	
	14	48.0	32.3	1.28	0	5	5	
	15	45.0	31.5	1.10	0	5	5	
13	9	42.0	27.0	1.22	0	5	5	
	10	45.6	29.4	1.32	0	5	5	
	12	46.5	30.2	1.33	0	5	5	
	14	43.0	32.0	0.88	2	5	5	
	15	45.0	31.0	1.14	3	5	5	
14	9				8	0	3	LL.
	10				8	0	3	LL.
	12				8	0	3	LL.
	14	28.0	22.0	0.49	6	1	5	
	15	27.4	19.6	0.63	7	1	5	
15	9	33.6	15.9	1.44	2	5	5	
	10	37.4	18.4	1.54	1	5	5	
	12	27.4	17.4	0.81	6	2	5	
	14	29.0	19.0	0.81	7	1	5	
	15	21.6	16.8	0.39	8	0	5	
16	9	20.0	13.1	1.37	6	1	5	
	10	19.3	14.6	0.38	8	0	5	
	12				8	0	4	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
17	9	20.4	11.9	0.69	7	2	5	
	10	23.3	13.5	0.80	7	1	5	
	12	38.0	18.6	1.58	3	5	5	
	14	20.5	14.3	0.50	8	0	5	
	15	14.5	11.7	0.23	6	0	5	
18	9	11.2	8.4	0.23	8	0	4	Ne.
	10	13.7	8.9	0.39	8	0	4	Ne.
	12	18.9	13.4	0.45	8	0	4	Ne.
	14	18.9	13.4	0.45	8	0	4	Ne.
	15	14.4	12.2	0.18	8	0	4	Ne.
19	9	16.2	12.4	0.31	8	0	5	
	10	17.7	13.0	0.38	8	0	5	
	12				8	0	5	Am.
	14	16.5	13.4	0.25	8	0	5	
	15	14.1	12.8	0.10	8	0	5	
20	9				8	0	4	Z.
	10	17.6	15.4	0.18	8	0	4	
	12				8	0	3	Z.
	14				8	0	3	Z.
	15				8	0	3	LL.
21	9	16.0	12.6	0.28	8	0	2	Ne.
	10				8	0	2	N., Am.
	12				8	0	3	Ne., Am.
	14	19.1	14.6	0.36	8	0	5	
	15	15.7	13.5	0.18	8	0	5	
22	9	23.3	12.4	0.89	3	2	2	N.
	10	28.0	24.6	0.18	6	1	5	
	12	34.5	18.0	1.34	3	5	5	
	14	22.1	16.0	0.50	6	0	5	
	15	19.5	15.0	0.36	6	0	5	
23	9	20.1	15.4	0.38	8	0	5	
	10	25.5	17.7	0.63	8	0	5	
	12	26.1	18.0	0.66	8	0	5	
	14	25.0	19.8	0.42	8	0	5	
	15	21.4	19.0	0.20	8	0	4	B.
24	9	34.0	20.4	1.10	8	3	4	B.
	10	40.0	23.6	1.33	8	4	4	
	12	38.6	20.8	1.45	7	3	4	
	14	40.5	27.1	1.09	8	4	5	
	15	30.4	23.0	0.60	8	2	5	
25	9	23.2	19.3	0.32	7	0	5	
	10	22.9	19.5	0.28	8	0	5	
	12	34.0	21.8	0.99	7	1	5	
	14	34.1	23.0	0.90	7	1	5	
	15	25.8	20.1	0.46	7	1	5	
26	9	15.0	12.0	0.24	8	0	3	Ne.
	10	19.4	13.7	0.46	8	0	3	Ne.
	12	24.9	16.6	0.67	8	0	5	
	14	22.0	15.0	0.59	8	1	5	
	15	16.0	14.4	0.13	8	0	5	
27	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	4	Z.
	14				8	0	5	Z.
	15				8	0	5	Am.
28	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	Am.
	14				8	0	5	Am.
	15				8	0	5	Am.
29	9	27.0	11.4	1.27	5	5	4	Ne.
	10	26.4	12.7	1.11	7	5	4	Ne.
	12	32.0	16.0	1.35	7	2	5	
	14	32.8	16.5	1.33	5	4	5	
	15	27.2	15.0	0.99	3	4	5	
30	9	28.2	15.2	1.06	8	2	5	
	10	29.1	16.8	1.00	8	2	5	
	12	26.1	17.1	0.73	8	2	5	
	14	20.0	15.6	0.36	8	0	5	
	15	21.9	16.0	0.48	8	1	5	
31	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON.	H.RELATIVA
1			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9				8.4	10.6	79
2			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7			9.0	10.6	85
3				0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7			7.8	10.5	74
4			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.1	10.5	87
5			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.3	10.5	89
6			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.4	10.4	90
7			0.3	1.0	1.0	0.9	1.0	1.0	1.0	0.4					6.6	10.4	63
8			0.2	1.0	0.2	0.6	0.9			0.7	0.7				4.3	10.4	41
9			0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.0	10.4	86
10			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			9.0	10.3	87
11				0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7			7.5	10.3	73
12			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.2	10.3	89
13			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1			8.6	10.3	83
14									0.1	0.8	0.4				1.3	10.2	13
15			0.1	1.0	1.0	1.0	1.0	1.0	0.9	0.1	0.3				6.4	10.2	63
16			0.1	0.8	0.7	0.3									1.9	10.2	19
17					1.0	0.5	0.6	1.0	0.4						3.5	10.2	34
18			0.1			0.1	0.4								0.6	10.1	06
19															0.0	10.1	00
20															0.0	10.1	00
21															0.0	10.1	00
22					0.7	1.0	0.6	1.0	0.6		0.6				4.5	10.0	45
23					0.1		0.4	0.4							0.9	10.0	09
24				0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.9				7.5	10.0	75
25					0.1		0.9	0.8	0.8	0.8	0.9	0.3			4.6	10.0	46
26							0.1	0.3	0.1						0.5	10.0	05
27															0.0	9.9	00
28								0.1	0.1	0.1	0.2				0.5	9.9	05
29			0.4	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0				8.3	9.9	84
30			0.4	0.8	1.0	0.2									2.4	9.9	24
31															0.0	9.9	00
Medias			0.2	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.2			4.8	10.2	47

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	16.2	18.6	18.4	15.9	17.2	17.6	15.2	15.4	16.2	16.0	16.0	16.3	18.7	18.8	18.8
2	16.0	17.2	15.8	16.0	16.5	16.0	15.4	15.3	15.3	16.2	16.0	16.0	18.8	18.8	18.7
3	13.0	15.4	14.6	14.5	14.5	14.7	13.9	14.0	14.2	15.4	15.2	15.2	18.6	18.4	18.2
4	12.6	15.2	15.0	12.9	14.3	14.6	13.2	13.4	13.7	14.8	14.6	14.7	18.0	17.9	17.7
5	13.6	16.6	16.2	13.6	15.2	15.6	13.3	13.6	14.2	14.4	14.4	14.8	17.7	17.6	17.4
6	14.7	17.6	17.4	14.5	16.0	16.6	14.8	14.3	15.2	14.9	15.0	15.4	17.7	17.8	17.8
7	16.8	19.6	19.5	16.1	17.8	18.3	15.1	15.6	16.2	15.6	15.8	16.2	18.1	18.2	18.3
8	19.3	20.6	20.8	18.3	17.2	19.3	16.6	17.1	17.5	16.8	16.9	17.3	18.7	18.9	19.1
9	20.2	22.2	21.6	19.1	20.3	20.5	17.5	18.0	18.4	17.6	17.9	18.1	19.4	19.6	19.7
10	20.4	22.5	22.1	19.6	20.7	21.0	18.2	18.5	19.1	18.2	18.4	18.6	20.1	20.3	20.3
11	21.3	22.8	22.2	20.3	21.1	21.3	18.8	19.0	19.4	18.8	18.8	19.2	20.6	20.7	20.7
12	20.6	23.4	22.4	20.1	21.3	21.6	19.0	19.0	19.6	19.2	19.2	19.4	21.0	21.1	21.0
13	21.0	23.5	22.2	21.3	21.5	21.5	19.2	19.4	19.8	19.4	19.4	19.6	21.3	21.3	21.3
14	20.8	20.2	18.6	20.1	19.3	18.9	19.1	19.6	18.4	19.4	19.2	18.5	21.4	21.4	21.1
15	15.8	18.8	17.2	16.4	17.6	17.5	16.7	16.6	16.9	17.9	17.6	17.6	20.7	20.4	20.2
16	15.2	16.1	15.4	15.6	16.1	15.6	15.9	15.6	15.3	17.1	16.6	16.5	20.0	19.7	19.5
17	14.5	17.0	15.0	14.7	15.8	15.3	14.5	14.6	14.8	16.0	15.8	15.9	19.0	18.9	18.7
18	12.8	14.8	14.4	13.3	14.3	14.3	13.6	13.6	13.8	15.2	15.0	14.6	18.4	18.3	18.1
19	12.8	13.8	14.0	13.0	13.6	13.7	13.1	12.9	12.1	14.4	14.1	14.2	17.7	17.6	17.5
20	14.1	15.4	15.5	13.9	14.7	14.8	13.1	13.3	13.8	14.1	14.1	14.3	17.3	17.2	17.2
21	15.0	16.1	15.3	14.6	15.3	15.0	13.6	13.9	13.8	14.4	14.4	14.3	17.2	17.3	17.3
22	13.3	16.0	15.5	13.3	14.6	14.8	13.1	13.2	13.6	14.2	14.0	14.2	17.3	17.2	17.0
23	15.3	17.6	17.0	14.6	16.0	16.1	13.7	14.0	14.6	14.4	14.4	14.8	17.2	17.2	17.3
24	16.4	19.6	18.8	15.7	17.3	17.7	14.5	16.1	15.8	15.0	15.2	15.7	17.5	17.6	17.8
25	18.2	18.6	18.0	17.4	18.1	17.6	16.0	16.2	16.2	16.1	16.2	16.2	18.2	18.3	18.3
26	14.9	16.0	15.8	15.1	15.6	15.4	15.0	14.7	14.6	16.0	15.6	15.4	18.4	18.2	18.1
27	14.6	15.0	14.8	14.5	14.6	14.5	13.9	13.8	13.8	15.0	14.8	14.6	17.8	17.6	17.5
28	13.4	14.1	13.6	13.4	13.6	13.5	13.1	12.8	12.8	14.2	13.9	13.8	17.2	17.0	16.9
29	10.8	13.7	13.0	11.4	12.6	12.8	12.0	11.8	12.2	13.4	13.1	13.1	16.6	16.4	16.3
30	11.6	14.2	14.2	11.8	13.1	13.5	11.8	12.0	12.4	13.0	12.8	13.0	16.1	16.1	16.0
31	14.0	14.2	14.2	13.4	13.6	13.3	12.4	12.5	12.6	13.2	13.2	13.2	16.0	16.0	15.9
Prom.	15.8	17.6	17.0	15.6	16.4	16.5	15.0	15.2	15.4	15.8	15.7	15.8	18.5	18.4	18.4

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.4	1.4	0.9	2.7							9427
2					0	0.4	2.0	1.1	3.5	M. 8	19.9	20.2	24.5			9444
3					0	0.4	1.2	1.0	2.6							9465
4					0	0.4	2.1	1.4	4.4							9469
5					0	0.9	1.8	1.0	3.4							9476
6					0	0.6	1.6	0.9	2.6							9490
7					0	0.1	1.0	0.4	1.7	M. 9	19.3	19.0	23.4			9500
8	0.6	1.0	0.3	0.5	2	0.3	1.0	0.6	2.6							9515
9	-	1.2	1.0	1.0	1	1.0	1.5	0.8	2.7							9521
10					0	0.4	1.4	1.0	3.3							9533
11					0	0.9	1.9	1.3	4.6							9549
12					0	1.4	2.0	1.6	5.3	M.10	17.9	18.1	22.2	22.8	18.2	9553
13					0	1.7	2.6	1.5	5.6							9565
14	18.5	19.1	18.7	18.8	2	1.5	0.2	0.6	1.2							9573
15	22.8	22.2	21.2	17.8	2	0.4	1.1	0.5	2.2							9472
16	0.0	0.0	0.0	0.0	2	0.6	0.5	0.1	0.6							9498
17	6.3	7.1	6.2	6.4	2	0.0	0.6	0.4	1.1	M.13	23.2	22.4	22.6			9489
18					2	0.1	0.6	0.2	1.2							9488
19	6.2	6.5	6.2	6.3	2	0.4	0.8	0.7	2.3							9488
20	0.0	0.0	0.0	0.0	2	0.8	0.4	0.1	0.6							9488
21	3.9	4.0	3.8	3.7	2	0.1	0.2	0.1	0.5							9489
22	0.0	0.0	0.0	0.0	2	0.2	0.2	0.3	0.8	M.14	27.9	23.3	26.1			9491
23					1	0.3	0.9	0.5	1.8							9501
24					1	0.4	1.0	0.7	2.1							9500
25	0.0	0.6	0.0	0.0	1	0.4	0.6	0.7	1.7							9513
26					2	0.4	0.5	0.4	1.3							9525
27	9.6	9.8	9.2	9.5	2	0.4	0.2	0.3	0.7	M.15	-	-	-			9532
28	1.8	2.0	1.6	1.2	2	0.2	0.1	0.4	0.7							9533
29	7.3	7.4	6.5	6.6	2	0.2	0.7	0.6	1.9							9531
30					2	0.6	1.0	0.5	2.1							9528
31	0.3	0.9	0.3	0.2	2	0.6	0.1	0.1	0.3							9523
Prom.	77.3	81.8	75.0	72.0	-	0.5	1.0	0.7	2.2	-	-	-	-	-	-	9505

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
18.0	18.0	18.0	19.7	19.6	19.6	21.0	20.5	7.0	Ca. m., Cn. t. y n., r. m. y n.
18.2	18.3	18.2	19.5	19.5	19.4	21.0	20.5	2.9	Ca. m. y n., Cn. t., r. m. y n., B. n.
18.0	17.8	17.7	19.2	19.3	19.2	21.0	20.5	- 5.3	Cn. m., Ca. t. y n., h. m., r. n.
17.5	17.5	17.3	19.3	19.3	19.3	20.9	20.5	- 5.2	Ca. m. t. y n., r. m. y n.
17.2	17.1	17.0	19.0	19.3	19.2	20.8	20.6	-	Ca. m. t. y n., r. m. y n., B. t.
17.0	17.2	17.1	18.9	19.1	19.0	20.7	20.5	2.6	Ca. m. t. y n., r. m. y n., B. n.
17.1	17.3	17.4	18.9	19.1	19.0	20.6	20.5	8.4	Cn. m. y t., Ca. n., B.r. m. y n., CH.R. n.
17.8	17.9	17.9	19.1	19.2	19.0	20.5	20.4	10.9	Cn. m. y t., Ca. n., Z. m.
18.3	18.5	18.5	19.1	19.1	19.0	20.5	20.4	15.5	Cn. m., Ca. t. y n., B. t., r. n.
18.9	19.1	19.2	19.1	19.2	19.1	20.5	20.5	11.0	Ca. m. t. y n., r. m. y n., B. m.
19.4	19.5	19.5	19.2	19.2	19.2	20.4	20.4	17.5	Cn. m., Ca. t. y n., r. m.
19.4	19.9	19.9	19.2	19.3	19.3	20.2	20.4	15.6	Ca. m. t. y n., r. m.
19.0	19.2	19.0	19.3	19.4	19.4	20.3	20.4	16.3	Ca. m. t. y n., r. m. y n.
20.1	20.2	20.1	19.4	19.5	19.5	20.2	20.4	15.3	Cn. m. y t., Ca. n., R.LL. m.
19.9	19.8	19.5	19.4	19.6	19.4	20.2	20.3	-	Cn. m. y n., Cn. t., r. m. y n.
19.7	19.0	18.8	19.3	19.5	19.6	20.1	20.2	5.4	Cn. m. t. y n., B. m., LL. t., N. n., r. m.
18.6	18.3	18.0	19.6	19.5	19.3	20.1	20.2	6.9	Cn. m. y t., Ca. n., r. n.
18.0	18.0	17.6	19.3	19.3	19.2	20.1	20.2	- 1.2	Cn. m. t. y n., Ne. m. y t., r. m.,Z. t.,LL. n.
17.3	17.2	17.1	19.2	19.3	19.2	20.1	20.2	2.6	Cn. m. t. y n.
16.7	16.7	16.7	19.2	19.2	19.1	20.1	20.1	10.0	Cn. m. y t., Ca. n., Z. m., LL. t., Ne. m. y n.
16.6	16.7	16.7	19.0	19.0	19.0	20.0	20.1	8.0	Cn. m. y t., Ca. n., r. m. y n., Ne. m.
16.6	16.5	16.4	18.8	18.8	18.7	20.0	20.1	3.9	Cn. m. t. y n., N. m.
16.5	16.5	16.5	18.7	18.6	18.6	20.0	20.1	11.9	Cn. m. t. y n., r. m. y n.
16.8	16.8	17.0	18.6	18.6	18.5	20.0	20.0	12.5	Cn. m. y t., Ca. n., B. m., r. m. y n., Jl. n.
17.1	17.3	17.3	18.6	18.6	18.5	20.0	20.1	14.9	Cn. m. y t., Ca. n., LL. m., r. n.
17.4	17.4	17.3	18.4	18.5	18.4	19.9	20.0	2.9	Cn. m. t. y n., Ne. m., B.Ru.Z. n., r. m.
17.1	17.0	17.0	18.5	18.5	18.4	19.9	20.0	9.8	Cn. m. t. y n.
16.5	16.4	16.1	18.4	18.4	18.3	19.7	20.0	4.5	Cn. m. t. y n., LL. m., B. m. y t.
15.8	15.6	15.6	18.4	18.2	18.2	19.7	19.9	- 2.0	Cn. m. t. y n., Ne. m., r. m. y n., Dl. n.
15.6	15.5	15.5	18.2	17.4	17.4	19.6	19.9	1.2	Cn. m. t. y n., r. m.
15.4	15.3	15.2	17.3	17.3	17.3	19.6	19.9	11.1	Cn. m. t. y n., LL. m. t. y n.
17.7	17.7	17.6	19.0	19.0	18.9	20.2	20.2	7.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	57.6	66.3	3	10-11	50.6	8	15	16.8	23.0	11.5	29.5	10	14	0.7	3	4	8.2	10.5	78
2ª	58.7	67.4	18	20,21	46.9	14	12,13	15.4	19.3	12.1	30.0	11	14	4.5	18	1	3.9	10.2	38
3ª	60.1	67.1	29	10	52.8	25	3-4	12.6	15.6	8.9	24.2	24	14-15	2.3	29	5	2.6	10.0	27
MES	58.9	67.4	18	20,21	46.9	14	12,13	14.9	19.2	10.8	30.0	11	14	0.7	3	4	4.8	10.2	47

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	77	99	4	27	2	11.6	22.0	3.4	N	11	36	4,8	27	8	8-9	35	N	8	8.52	2.2	1.2	9	-	-	-
2ª	82	100	19	44	15	10.9	18.5	5.6	N	19	48	14	30	12	8-9	49	SW	14	16.29	54.9	22.2	15	10.5	14	6-7
3ª	87	100	21,22,29	56	24	9.4	15.5	5.0	NE	8	24	25, 30	18	30	9-10 10-11	30	NE	30	10.54	24.7	9.8	27	3.2	26	22-23
MES	82	100	19,21, 22,29	27	2	10.6	22.0	3.4	N	12	48	14	30	12	8-9	49	SW	14	16.29	81.8	22.2	15	10.5	14	6-7

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	5	5	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1
2ª	7	1	3	-	-	-	-	3	2	-	-	-	-	-	-	1	-
3ª	8	2	3	1	-	-	-	3	1	-	-	-	-	-	-	1	-
MES	20	8	6	1	-	-	-	6	4	-	1	-	-	-	-	2	1

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	9	1	-	-	-	-	-	-	-	-	-	6	4	-	4	-
2ª	7	-	-	-	-	-	-	-	-	-	-	4	6	-	3	-
3ª	6	-	-	-	-	-	1	-	1	-	-	-	11	-	-	-
MES	22	1	-	-	-	-	1	-	1	-	-	10	21	-	7	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

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RESUMEN MENSUAL

Con vientos del sector S, cielo cubierto y temperatura en descenso empieza este mes. A las 08.00 hs. del 1° anótanse 31 mm de precipitación pluvial, cantidad record del mes caída en 24 hs. Aclara por la noche;los días siguientes gozan de buen tiempo. Una corriente de aire cálido y húmedo aúmenta rápidamente la temperatura, humedad y nubosidad, pero ya el 4 otro empuje de aire frío y seco llega hasta el Río de la Plata. Nuevamente el 5 gira el viento al sector N; el aire húmedo ocasiona nieblas densas que se observan el 7 temporariamente, mientras persisten durante el 9 y el 10.

En los primeros días de la segunda década aumenta la corriente del N en su fuerza y extensión. La presión, que registra el 11 su valor más alto del mes con 765.7 mm, desciende el 14 a su nivel mínimo con 754.5 mm. En la mañana de este mismo día atraviesa el Observatorio un frente frío y el cielo aclara rápidamente. En este aire frío y seco y por efecto de la radiación nocturna desciende la temperatura la mañana del 15 a su valor mínimo mensual de 0.5°C; también la tensión del vapor registra el valor más bajo del mes con 3.9 mm. Este mismo día se presenta una corriente del N que es desplazada el 18 por otra del S sin influenciar mayormente el buen estado del tiempo.

En una zona frontal que se aproxima el 20 aumenta la nubosidad, y el 21 y 22 llueve intermitentemente. En la noche dèl 23, en una masa de aire polar el cielo aclara rápidamente. A partir del 23 reina buen tiempo con temperaturas en leve ascenso el que se acentúa el 24 debido al cambio del viento hacia el N. Esta contribución de aire de origen tropical culmina el 27; la temperatura alcanza entonces su máxima mensual con 19.4°C; el cielo se cubre hasta el 30, en que vientos del S lo aclaran lentamente.

El mes se caracteriza por la normalidad de su valores medios. Sólo la temperatura acusa una desviación de 1.2°C superior a la normal.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	14	17	11	17	17	20	22	20	38	38	22	14	11	14	17
2	56	67	61	67	67	78	72	72	119	72	-18	52	70	80	111
3	72	67	64	72	61	56	56	61	56	46	64	64	70	64	64
4	35	28	52	56	59	59	61	56	28	17	46	75	64	46	49
5	159	153	130	134	149	149	130	180	187	149	168	172	130	142	67
6	80	75	72	49	42	35	52	35	111	176	80	134	115	126	149
7	67	32	28	59	83	67	56	52	67	75	80	64	64	78	78
8	106	91	93	106	101	96	83	76	126	170	195	217	188	146	146
9	52	25	14	28	28	59	70	70	64	115	56	35	25	25	17
10	17	52	52	49	61	64	70	72	42	20	20	28	34	34	34
11	78	80	67	72	75	64	-	-	78	56	72	28	6	42	35
12	72	17	28	22	20	28	46	-	-	-	-	-	-	-	-
13	28	22	28	17	17	22	17	28	20	25	17	8	6	8	8
14	11	35	28	25	22	17	35	42	67	75	83	115	111	83	75
15	153	161	149	134	134	119	115	111	119	75	214	122	83	52	49
16	111	80	111	138	138	119	78	119	115	80	90	75	72	70	75
17	52	64	20	49	67	75	78	80	32	49	52	56	52	67	64
18	50	50	42	34	24	21	31	63	66	76	93	93	121	141	93
19	80	$-\infty$	$\pm\infty$	6	24	18	91	106	111	91	121	116	192	141	165
20	76	116	153	80	76	106	76	28	68	76	58	61	73	56	28
21	32	28	28	28	25	22	22	22	28	25	25	25	28	22	32
22	35	11	17	22	42	32	20	17	35	49	49	42	49	46	38
23	80	86	80	93	98	88	80	91	126	148	163	175	160	165	163
24	165	190	165	155	141	143	153	158	170	192	210	197	197	192	195
25	53	66	56	-	-	-	58	98	48	98	188	195	188	170	146
26	78	80	91	106	96	103	131	138	150	131	121	96	101	98	126
27	61	59	67	72	75	72	70	97	134	149	149	134	126	126	176
28	42	38	42	52	56	72	-	-	-	-	-	-	-	-	56
29	11	35	49	56	119	6	72	28	17	35	28	3	28	22	- 8
30	20	17	11	11	14	20	17	20	20	20	3	14	42	72	78
31															
Prom.	80.6	78.2	74.7	80.6	82.3	78.2	76.5	85.2	100.5	101.7	108.2	110.8	104.3	101.3	101.0

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " $.10^{-4}$							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	-	-	-	-	-	-	-	-	1.17	1.28	2.45	0.91	1.13	0.99	2.12	1.14
2	-	-	-	-	-	-	-	-	0.95	1.10	2.05	0.86	1.01	0.95	1.96	1.06
3	-	-	-	-	-	-	-	-	1.10	0.94	2.04	1.17	1.25	1.58	2.83	0.79
4	-	-	-	-	-	-	-	-	1.15	0.91	2.06	1.26	0.82	0.78	1.60	1.05
5	-	-	-	-	-	-	-	-	0.66	0.56	1.22	1.18	0.35	0.33	0.68	1.06
6	-	-	-	-	-	-	-	-	0.90	0.84	1.74	1.07	0.61	0.62	1.23	0.98
7	-	-	-	-	-	-	-	-	2.35	5.34	7.69	0.44	1.62	1.41	3.03	1.15
8	-	-	-	-	-	-	-	-	0.41	0.46	0.87	0.89	0.59	0.55	1.14	1.07
9	-	-	-	-	-	-	-	-	-	-	-	-	0.89	0.95	1.84	0.94
10	-	-	-	-	-	-	-	-	0.54	0.45	0.99	1.20	0.92	0.78	1.70	1.18
11	-	-	-	-	2.27	3.07	5.34	0.73	0.19	0.17	0.36	1.12	0.31	0.42	0.73	0.74
12	-	-	-	-	-	-	-	-	0.68	0.99	1.67	0.69	0.89	0.59	1.48	1.51
13	-	-	-	-	-	-	-	-	0.34	0.56	0.90	0.61	1.18	0.96	2.14	1.23
14	-	-	-	-	9.16	9.26	18.42	0.99	1.40	1.34	2.74	1.04	1.31	1.30	2.61	1.01
15	2.30	2.72	5.02	0.86	4.76	4.76	9.52	1.00	0.29	0.34	0.63	0.85	0.51	0.67	1.18	0.76
16	-	-	-	-	9.54	9.33	18.87	1.02	1.09	1.21	2.30	0.90	1.16	1.13	2.29	1.03
17	-	-	-	-	-	-	-	-	1.02	1.07	2.09	0.95	1.63	1.87	3.50	0.87
18	-	-	-	-	-	-	-	-	0.21	0.18	0.39	1.17	0.52	0.51	1.03	1.02
19	-	-	-	-	-	-	-	-	0.13	0.14	0.27	0.93	0.34	0.23	0.57	1.48
20	-	-	-	-	-	-	-	-	0.90	2.29	3.19	0.39	0.62	0.83	1.45	0.75
21	-	-	-	-	-	-	-	-	-	-	-	-	0.22	0.46	0.68	0.48
22	-	-	-	-	-	-	-	-	0.83	0.86	1.69	0.96	1.36	1.53	2.89	0.89
23	-	-	-	-	-	-	-	-	1.01	0.93	1.94	1.09	0.88	0.82	1.70	1.07
24	-	-	-	-	-	-	-	-	0.77	0.89	1.66	0.86	0.73	0.69	1.42	1.06
25	-	-	-	-	-	-	-	-	0.54	0.50	1.04	1.08	1.06	1.08	2.14	0.98
26	-	-	-	-	-	-	-	-	1.36	1.23	2.59	1.10	1.07	0.95	2.02	1.13
27	-	-	-	-	-	-	-	-	0.87	0.86	1.73	1.01	1.11	1.06	2.17	1.05
28	-	-	-	-	-	-	-	-	1.02	0.77	1.79	1.32	0.89	0.88	1.77	1.01
29	-	-	-	-	-	-	-	-	0.21	0.16	0.37	1.31	0.90	0.63	1.53	1.43
30	-	-	-	-	-	-	-	-	1.20	1.20	2.40	1.00	1.04	0.89	1.93	1.17
31																
Prom.	2.30	2.72	5.02	0.86	6.43	6.61	13.04	0.97	0.84	0.98	1.82	0.86	0.90	0.88	1.78	1.02

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
17	11	17	35	35	46	38	38	49		130	- 5	135	1
83	126	78	97	97	119	97	78	78	78.3	264	-79	343	1
67	52	46	75	70	59	49	52	49	60.7	176	- 8	184	1
59	59	67	119	83	97	97	83	80	61.4	159	-20	179	1
122	138	145	161	72	61	42	61	52	127.2	256	-89	345	1
126	111	75	122	104	97	111	61	56	91.4	302	-45	347	1
70	64	64	61	119	126	141	126	68	74.5	239	- 3	242	1
170	165	103	98	108	93	46	59	59	118.4	296	-15	311	1
3	17	22	28	17	14	11	20	20		245	-72	317	2
31	17	20	28	35	49	49	61	72		172	-20	192	2
67	38	56	97	61	42	25	70	64		195	-83	278	2*
-	-	-	-	-	-	-	-	-		-	-	-	*
8	42	67	78	67	25	49	49	-25		298	-∞	-	2
67	78	42	49	75	42	49	49	49	55.2	159	-72	231	1
61	142	149	142	104	111	122	122	111	118.9	386	-42	428	1
75	52	25	80	56	70	90	90	115	88.5	237	-21	258	1
52	35	17	38	28	52	38	42	28	49.4	142	- 2	144	1
128	163	155	146	101	88	91	50	39	81.6	234	-63	297	1
86	128	160	168	188	173	123	103	50		∞	-∞	-	3*
21	-	-	28	48	39	42	-	-		304	-360	664	2*
49	-	-	-	11	11	14	17	17		∞	-∞	-	3*
52	28	38	46	52	59	61	61	61	40.1	160	-60	220	1
180	185	197	225	269	217	257	242	232	158.3	299	71	228	0
215	269	201	118	131	76	63	42	50	157.8	309	21	298	0
153	230	197	165	148	104	121	106	101		299	-114	413	1*
165	190	202	234	168	53	68	71	73	119.6	304	- 6	310	1
172	130	119	42	80	83	59	61	49	98.4	252	-45	297	1
52	52	83	97	35	72	70	70	75		∞	-∞	-	2*
-31	-31	14	-10	- 8	6	14	17	11		∞	-∞	-	2
-25	-23	-34	49	38	56	52	61	72		168	-89	257	2
109.6	116.9	101.4	109.0	101.0	88.4	87.1	79.4	73.5	92.9				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
22	20	17	1.63	1.20	662	861	1523	0.77	1.78	1.90
- 8	20	97	1.37	6.34	970	607	1577	1.60	1.47	0.63
72	67	67	4.56	6.32	507	970	1477	0.52	0.75	1.26
64	78	52	5.36	2.77	-	-	-	-	-	-
172	161	172	6.55	3.90	607	536	1143	1.13	1.92	2.66
72	134	83	7.77	3.40	700	559	1259	1.25	1.16	1.40
75	61	70	15.64	7.07	559	610	1169	0.92	-	2.13
207	252	175	7.31	6.65	809	408	1217	1.98	2.54	0.97
42	38	- 2	-	-0.12	306	1513	1819	0.20	-	3.40
20	17	39	0.56	2.21	1725	306	2031	5.64	3.10	1.32
67	17	64	0.20	1.56	226	320	546	0.71	0.36	2.52
-	-	-	-	-	645	813	1458	0.79	0.95	1.67
17	8	14	0.24	1.00	763	970	1733	0.79	2.32	2.11
83	111	67	10.14	5.83	1677	1016	2693	1.65	1.84	-
233	138	97	2.90	3.82	861	809	1670	1.06	2.96	2.54
97	90	70	6.90	5.34	958	607	1565	1.58	2.26	-
59	61	38	4.25	4.43	813	1400	2213	0.58	1.45	1.76
98	76	173	0.99	5.94	756	356	1112	2.12	2.72	-
136	111	86	1.00	1.63	306	972	1278	0.31	1.30	2.96
93	68	21	7.23	1.02	1731	356	2087	4.86	2.63	1.12
32	17	75	-	1.70	306	161	467	1.90	-	-
46	38	52	2.14	5.01	429	714	1143	0.60	1.43	1.40
170	178	188	11.51	10.65	1069	1245	2314	0.86	1.47	1.49
197	190	230	10.51	10.89	970	813	1783	1.19	1.26	0.74
180	225	173	7.80	12.34	507	536	1043	0.95	0.75	2.68
116	91	165	7.86	11.11	1079	662	1741	1.63	2.91	1.16
142	126	176	7.27	12.73	816	916	1732	0.89	1.82	0.44
-	-	49	-	2.89	1079	404	1483	2.67	0.38	1.44
17	3	-53	0.04	-2.70	155	809	964	0.19	-	3.32
6	11	-25	0.88	-1.61	1350	813	2163	1.66	2.15	-
90	86	84	5.10	4.60	805	726	1531	1.11	1.75	1.79

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	13.2	15.8	22.8	17.6	10.5	7.9	11.4	7.0	2.6	2.6	7.9	10.5	6.2
2	10.5	14.9	16.7	13.2	8.8	7.9	11.4	12.3	6.2	6.2	7.9	10.5	7.0
3	7.9	10.5	14.0	13.2	10.5	8.8	13.2	8.8	8.8	8.8	7.9	11.4	9.7
4	8.8	14.9	15.8	16.7	15.8	16.7	17.6	20.2	18.4	18.4	13.2	12.3	14.0
5	-	-	-	-	-	-	-	-	-	- 8.2	- 4.7	- 3.5	- 4.7
6	13.6	- 4.7	- 4.5	- 2.3	-12.8	- 3.5	1.1	2.3	-11.7	-12.9	-15.2	7.9	-12.9
7	2.3	2.3	2.3	2.8	- 5.8	- 9.4	- 1.2	- 2.3	- 3.5	-11.7	- 5.8	- 2.8	- 1.2
8	3.4	- 5.6	- 4.5	- 4.5	- 4.7	- 8.2	- 4.7	- 5.8	- 8.2	-10.5	- 5.8	- 4.7	- 1.2
9	- 2.3	3.4	7.9	4.5	- 1.2	- 2.3	- 3.5	- 1.2	-11.7	-14.0	- 3.5	- 2.3	- 5.8
10	2.3	6.8	7.9	4.5	- 7.0	- 5.8	- 1.2	9.0	- 2.3	- 7.0	- 1.2	- 4.7	- 2.3
11	2.3	4.5	9.0	2.3	- 2.3	- 3.5	1.1	- 4.7	- 7.0	- 5.8	- 5.8	- 4.7	- 4.7
12	1.1	4.5	2.3	4.5	- 8.1	-11.7	- 8.2	- 8.2	-14.0	-12.8	- 7.0	- 3.5	- 3.5
13	1.1	2.3	1.1	2.3	-10.5	- 9.4	- 6.8	- 6.8	-13.6	-12.9	- 7.0	- 4.7	- 2.3
14	- 2.3	3.4	2.3	1.1	- 5.8	- 9.4	- 4.7	- 7.0	-11.7	-12.8	- 7.0	- 2.3	- 3.5
15	- 5.8	- 4.7	- 2.3	- 2.3	- 9.4	-12.9	-10.5	- 8.2	-11.7	-14.0	-11.7	-10.5	-10.5
16	- 3.5	- 1.2	1.1	1.1	- 8.2	- 9.4	- 3.5	-10.5	-12.9	-14.0	- 8.2	- 3.5	- 4.7
17	-11.7	- 7.0	4.5	1.1	- 8.2	-11.7	- 1.1	1.1	- 7.0	-12.9	-10.5	- 9.4	- 9.4
18	- 1.2	1.1	1.1	- 2.3	- 4.7	- 4.7	- 5.8	- 3.5	- 9.4	- 5.8	- 5.8	- 9.4	- 9.4
19	- 8.2	- 2.3	- 1.2	- 2.3	-10.5	-16.4	-10.5	- 9.4	-10.5	-14.0	-10.5	- 5.8	- 5.8
20	- 2.3	1.1	1.1	- 3.5	- 3.5	-17.6	- 9.4	- 3.5	- 9.4	-18.7	-14.0	-12.9	-14.0
21	- 8.2	- 3.5	1.1	- 1.2	-10.5	-10.5	- 7.0	- 9.4	-12.9	-12.9	- 8.2	- 3.5	- 5.8
22	-12.8	-11.7	-11.7	- 9.4	-14.0	-21.1	-15.2	- 7.0	-12.9	-19.9	-11.7	-16.4	-11.7
23	- 8.2	- 7.0	- 7.0	- 5.8	-12.9	-12.9	-12.9	- 5.8	- 7.0	- 7.0	-14.0	- 8.2	-14.0
24	- 9.4	1.1	1.1	- 5.8	-10.5	-12.9	- 3.5	- 9.4	-18.7	-14.0	-10.5	- 5.8	- 8.2
25	- 4.7	- 2.3	- 1.2	- 2.3	- 4.7	- 8.2	- 8.2	- 8.2	-12.9	- 9.4	-10.5	- 5.8	- 8.2
26	2.3	7.9	3.4	3.4	- 1.2	- 5.8	- 4.7	- 2.3	-11.7	-14.0	- 5.8	- 2.3	- 3.5
27	5.6	4.5	5.6	4.5	- 4.7	- 5.8	1.1	- 7.0	- 5.8	- 3.5	- 2.3	- 2.3	1.1
28	3.4	6.8	5.6	6.8	1.1	1.1	3.4	4.5	- 5.8	- 9.4	3.5	2.3	- 1.2
29	1.1	3.4	5.6	11.5	1.1	- 2.3	3.4	3.4	2.3	- 5.8	- 9.4	-10.5	-18.7
30	9.9	12.4	13.6	7.9	2.3	- 2.3	- 1.2	2.3	- 2.3	-17.6	-11.7	-15.2	-12.9
31													
Prom	0.8	2.3	2.4	1.1	- 3.9	- 5.4	- 3.4	- 4.0	- 6.5	- 8.3	- 5.7	- 3.5	- 4.5
Var.	5.2	6.7	6.8	5.5	0.5	- 1.0	1.0	0.4	- 2.1	- 3.9	- 1.3	0.9	- 0.1

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 38.4	-41.5	-60.9	-48.9	-64.9	-85.4	-56.4	-43.0	-43.0	-59.0	-50.4	-36.8	-22.4
2	-82.5	-72.2	-76.6	-73.7	-84.0	-85.4	-84.0	-76.6	-66.3	-73.7	-94.3	-94.3	-86.9
3	-65.3	-67.8	-70.7	-85.4	-	-	-	-91.3	-78.1	-99.7	-102.2	-67.8	-33.6
4	- 9.6	-11.2	-16.0	-27.2	-35.2	-40.0	-46.0	-54.9	-67.8	-73.7	-60.9	- 9.6	9.4
5	-	-	-	-	-	-	-	-	-	- 5.7	- 2.8	- 5.7	- 7.1
6	5.7	9.9	7.1	7.1	- 9.9	-15.6	-12.8	- 2.8	- 8.5	1.4	- 7.1	- 2.8	- 2.8
7	8.5	9.9	7.1	5.7	- 1.4	-11.4	4.3	4.3	- 7.1	- 8.5	- 7.1	1.4	- 4.3
8	7.1	11.4	8.5	7.1	- 1.4	- 8.5	2.8	- 1.4	- 1.4	- 5.7	- 5.7	- 2.8	- 2.8
9	2.8	9.9	7.1	4.3	- 4.3	- 7.1	- 1.4	1.4	- 9.9	- 7.1	2.8	- 4.3	- 4.3
10	7.1	8.5	7.1	4.3	- 8.5	- 7.1	-11.4	-21.3	-24.1	-11.4	- 8.5	- 2.8	- 1.4
11	1.4	5.7	2.8	2.8	2.8	- 1.4	- 4.3	- 9.9	-15.6	-11.4	-12.4	-15.6	-11.4
12	2.8	7.1	2.8	- 1.4	- 8.5	-15.6	- 8.5	- 9.9	-14.2	-12.8	- 8.5	- 7.1	- 8.5
13	4.3	9.9	- 5.7	- 1.4	- 7.1	-14.2	-12.8	- 4.3	- 9.9	- 9.9	- 7.1	- 8.5	- 7.1
14	2.8	5.7	2.8	1.4	- 9.9	-14.2	- 9.9	- 5.7	-14.2	-17.0	- 7.1	- 9.9	- 7.1
15	5.7	5.7	2.8	1.4	- 9.9	-17.0	-19.9	- 7.1	-12.8	- 8.5	- 9.9	-14.2	- 5.7
16	4.3	5.7	4.3	1.4	-11.4	-17.0	- 9.9	-15.6	-17.0	-15.6	-11.4	- 8.5	-12.8
17	5.7	5.7	1.4	1.4	- 9.9	-15.6	-11.4	- 7.1	- 9.9	- 9.9	- 9.9	- 8.5	- 7.1
18	1.4	4.3	2.8	2.8	2.8	1.4	- 2.8	- 4.3	-12.8	- 8.5	- 9.9	-14.2	-11.4
19	- 2.8	2.8	1.4	- 1.4	- 9.9	-21.3	-15.6	- 7.1	-15.6	-17.0	-11.4	-12.8	-11.4
20	1.4	- 1.4	- 2.8	1.4	- 7.1	-12.8	-11.4	- 4.3	-11.4	-	-17.0	-	-
21	- 5.7	1.4	- 4.3	- 1.4	-18.5	-18.5	-17.0	-11.4	-21.3	-19.9	-17.0	-18.5	-12.8
22	- 1.4	2.8	- 1.4	- 1.4	-11.4	-18.5	-17.0	- 9.9	-14.2	-22.7	-12.9	- 9.9	-14.2
23	- 2.8	- 1.4	- 5.7	- 4.3	-15.6	-25.4	-19.9	- 9.9	-12.8	-11.4	-11.4	-15.6	-12.8
24	- 2.8	- 1.4	- 4.3	- 7.1	-19.9	-24.1	-19.9	- 7.1	-24.1	-30.5	-15.6	-14.2	-14.2
25	- 9.9	- 7.1	- 8.5	- 5.7	- 5.7	- 9.9	-14.2	-17.0	-17.0	-15.6	-18.5	-24.1	-15.6
26	- 9.9	- 4.3	- 2.8	- 2.8	-15.6	-19.9	-14.2	-12.8	-17.0	-18.5	-11.4	-11.4	-12.8
27	1.4	1.4	- 1.4	- 2.8	-15.6	-21.3	-18.5	-12.8	- 9.9	- 9.9	- 9.9	-14.2	-11.4
28	- 1.4	1.4	- 1.4	- 1.4	-11.4	-15.6	-15.6	- 8.5	-17.0	-15.6	- 9.9	-14.2	-11.4
29	- 4.3	- 4.3	- 5.7	- 5.7	-18.5	-22.7	-21.3	-14.2	-15.6	-11.4	-14.2	-14.2	-14.2
30	-12.8	- 4.3	- 7.1	- 7.1	-18.5	-28.0	-19.9	-17.0	-24.1	-26.7	-17.0	-15.6	-17.0
31													
Prom	- 7.3	- 3.7	- 1.5	- 8.1	-15.3	-21.2	-17.5	-16.6	-21.1	-21.2	-19.3	-15.9	-12.5
Var.	5.4	8.9	5.2	4.5	- 2.7	- 8.5	- 4.8	- 4.0	- 8.5	- 8.6	- 6.6	- 3.2	0.1

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
7.0	7.9	4.4	1.8	3.5	7.0	10.5	- 2.8	3.5	1.8	9.7	7.9	2
6.2	6.2	7.9	7.0	5.3	4.4	11.4	7.0	8.8	8.8	11.4	9.1	2
9.7	8.8	3.5	6.2	3.5	3.5	7.9	9.7	6.2	7.9	7.9	8.7	1
-	-	-	-	-	-	-	-	8.8	10.5	8.8	14.4	0
- 5.8	-10.5	-11.7	-14.0	- 9.4	- 8.2	- 4.7	- 5.8	-14.0	-14.0	- 9.4	- 8.6	2
- 5.8	-12.9	- 9.4	-14.0	-10.5	- 7.0	- 5.8	2.3	2.3	5.6	3.4	- 4.5	2
- 1.2	- 4.7	- 7.0	-10.5	- 9.4	- 7.0	- 4.7	2.3	3.4	1.1	2.3	- 2.9	1
- 3.5	- 5.8	-10.5	-16.4	-15.2	-21.1	-11.7	- 7.0	- 7.0	6.8	- 5.8	- 6.8	2
- 9.4	- 5.8	- 4.7	- 8.2	-11.7	- 9.4	- 4.7	- 3.5	- 3.5	- 1.2	- 4.7	- 4.1	1
- 4.7	-10.5	- 9.4	-14.0	- 8.2	- 9.4	- 7.0	1.1	1.1	2.2	4.5	- 2.3	2
-10.5	- 7.0	-10.5	-11.7	- 4.7	- 8.2	- 9.4	- 4.7	- 8.2	1.1	2.3	- 3.8	1
- 4.7	- 7.0	- 8.2	-11.7	- 9.4	- 4.7	- 5.8	- 3.5	- 7.0	- 1.2	- 2.3	- 5.4	1
- 3.5	- 8.2	- 3.5	- 9.4	-14.0	- 5.8	- 5.8	- 8.2	- 5.8	1.1	- 2.3	- 5.5	1
- 3.5	- 8.2	- 9.4	-15.2	-14.0	-12.8	-10.5	-12.9	-11.7	- 4.7	- 8.2	- 7.1	1
-10.5	-11.7	- 9.4	-12.9	-15.2	- 9.4	- 9.4	- 9.4	- 5.8	- 2.3	- 4.7	- 9.0	1
- 4.7	- 3.5	- 5.8	- 9.4	- 9.4	- 5.8	- 4.7	- 4.7	- 8.2	- 1.2	- 7.0	- 5.9	1
-10.5	- 5.8	-12.9	-15.2	- 9.4	- 8.2	-10.5	- 3.5	- 2.3	- 2.3	- 4.7	- 7.0	2
-11.7	-10.5	-12.9	-15.2	- 8.2	- 9.4	-10.5	- 9.4	-12.9	- 4.7	- 3.5	- 7.0	1
- 7.0	-10.5	- 8.2	-11.7	- 8.2	- 4.7	- 3.5	- 4.7	- 7.0	- 2.3	- 3.5	- 7.4	1
-10.5	-10.5	-11.7	-16.4	-15.2	-12.9	-10.5	- 7.0	- 5.8	- 2.3	- 4.7	- 8.9	2
-12.9	- 5.8	- 3.5	-12.9	-12.9	- 8.2	-15.2	-16.4	-17.6	-14.0	-15.2	- 9.5	2
- 9.4	-15.2	-15.2	-16.4	-14.0	-11.7	-12.9	-11.7	- 5.8	- 9.4	- 5.8	-12.6	2
-16.4	-15.2	-24.6	-36.2	-26.9	-26.9	-18.7	- 5.8	- 2.3	4.5	1.1	-12.1	2
-14.0	-18.7	-16.4	-17.6	-10.5	- 5.8	-10.5	-11.7	- 8.2	- 5.8	- 8.2	- 9.4	2
-10.5	- 4.7	- 7.0	-15.2	- 8.2	- 4.7	- 3.5	- 8.2	-14.0	3.4	4.5	- 6.4	2
- 3.5	- 2.3	- 7.0	- 9.4	- 7.0	2.3	2.3	- 1.2	1.1	4.5	3.4	- 2.1	2
- 1.2	- 3.5	- 1.2	- 7.0	- 8.2	- 3.5	- 1.2	- 8.2	- 5.8	2.3	1.1	- 1.9	2
1.1	- 2.3	- 1.2	- 8.2	- 7.0	- 1.2	- 3.5	- 8.2	- 1.2	2.3	2.3	- 0.2	1
-17.6	-24.6	-22.2	-24.6	-30.2	-28.1	-25.7	-12.9	-10.5	- 2.3	- 1.2	- 9.0	2
- 8.2	-16.4	-15.2	-19.9	-16.4	-16.4	-19.9	-11.7	-10.5	- 2.3	- 9.4	- 6.7	2
- 5.9	- 8.0	- 8.6	-10.1	- 9.1	- 8.7	- 6.8	- 3.9	- 3.2	- 0.1	- 1.8	4.4	
- 1.4	- 3.6	- 4.2	- 5.7	- 4.7	- 4.3	- 2.4	0.5	1.2	4.3	2.6		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-12.8	- 9.6	4.8	3.1	1.6	-72.2	-81.0	-51.9	-47.4	-48.9	-56.4	-42.6	2
-76.6	-81.0	-76.6	-64.3	-53.1	-44.3	-56.4	-61.9	-66.3	-64.9	-66.3	-73.4	1
-16.0	9.4	3.1	6.3	7.9	1.6	3.1	7.9	3.1	4.8	- 1.6	-34.9	2
-	-	-	-	-	-	-	-	-17.6	-12.8	-25.6	-31.2	2
- 2.8	- 8.5	- 7.1	- 9.9	-11.4	- 7.1	- 7.1	-	- 7.1	4.3	11.4	- 6.7	1
1.4	- 8.5	- 1.4	- 4.3	- 9.9	- 1.4	- 4.3	2.8	1.4	7.1	8.5	- 1.6	0
- 7.1	- 9.9	- 1.4	- 7.1	- 5.7	- 2.8	- 1.4	4.3	8.5	1.4	5.7	- 0.9	1
- 1.4	- 4.3	1.4	- 5.7	-11.4	- 8.5	2.8	1.4	1.4	4.3	5.7	- 0.3	1
- 2.8	- 5.7	1.4	- 5.7	-11.4	- 1.4	- 4.3	- 2.8	1.4	7.1	5.7	- 1.2	1
- 7.1	- 7.1	- 1.4	-14.2	- 7.1	-11.4	- 7.1	- 1.4	- 1.4	5.7	2.8	- 5.0	2
- 9.9	- 9.9	- 9.9	-14.2	- 8.5	- 9.9	- 9.9	-11.4	- 7.1	- 1.4	2.8	- 6.5	1
- 2.8	- 4.3	- 2.8	- 7.1	-11.4	- 4.3	- 5.7	- 4.3	- 1.4	2.8	4.3	- 5.0	0
- 4.3	- 8.5	2.8	- 9.9	-15.6	- 5.7	- 4.3	- 2.8	- 2.8	1.4	2.8	- 5.0	2
- 5.7	-11.4	- 4.3	-12.8	-14.2	-11.4	- 9.9	- 8.5	- 8.5	1.4	2.8	- 6.9	1
- 9.9	-12.8	- 9.9	-12.8	-15.6	- 9.9	- 8.5	- 9.9	- 1.4	1.4	4.3	- 7.3	1
- 7.1	-11.4	- 5.7	- 9.9	-11.4	- 7.1	-12.8	- 4.3	- 2.8	4.3	5.7	- 6.9	2
- 5.7	- 2.8	- 4.3	-11.4	-11.4	- 7.1	- 7.1	- 5.7	- 1.4	2.8	1.4	- 5.3	1
-12.8	-12.8	- 9.9	-15.6	-14.2	- 8.5	- 9.9	-11.4	- 9.9	- 1.4	- 1.4	- 6.5	1
- 8.5	- 5.7	- 4.3	-11.4	-11.4	- 9.9	-11.4	- 9.9	- 7.1	1.4	- 1.4	- 8.4	2
-	-19.9	-12.8	-18.5	-21.3	-19.9	-19.9	-14.2	- 7.1	1.4	1.4	- 9.8	2
- 8.5	- 9.9	- 8.5	-11.4	-18.5	-11.4	-15.6	-15.6	- 9.9	1.4	1.4	-11.3	1
-11.4	-14.2	- 8.5	-15.6	-19.9	-17.0	-18.5	-15.6	- 5.7	- 8.5	- 2.8	-11.2	1
-15.6	-15.6	-14.2	-12.8	-19.9	-14.2	-15.6	-15.6	- 9.9	- 4.3	- 4.3	-12.1	1
-12.8	-11.4	-15.6	-18.5	-17.0	-11.4	-14.2	- 7.1	- 7.1	- 4.3	- 7.1	-13.0	2
-17.0	-17.0	-15.6	-24.1	-19.9	-18.5	-14.2	-14.2	-15.6	- 7.1	- 5.7	-14.1	2
- 9.9	- 9.9	- 9.9	- 8.5	-19.9	- 8.5	- 8.5	-11.4	- 4.3	1.4	2.8	-10.0	1
- 9.9	- 9.9	- 8.5	-14.2	-18.5	-12.8	- 8.5	-17.0	- 8.5	- 2.8	- 1.4	- 9.9	1
-12.8	-12.8	- 8.5	-18.5	-18.5	-12.8	-14.2	-14.2	-11.4	- 4.3	- 2.8	-10.4	1
-14.2	-14.2	-12.8	-19.9	-22.7	-15.6	-19.9	-14.2	-14.2	- 5.7	- 7.1	-13.6	2
-17.0	-14.2	-15.6	-21.3	-24.1	-18.5	-17.0	-21.3	-12.8	- 9.9	- 7.1	-16.4	0
-11.1	-12.2	- 8.8	-13.5	-15.0	-13.2	-13.8	-11.4	- 9.1	- 4.1	- 4.0	12.6	
1.6	0.4	3.8	- 0.8	- 2.3	- 0.5	- 1.2	1.2	3.5	8.6	8.6		

83403

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	54.8	54.9	54.8	54.8	54.8	54.9	55.0	56.0	56.3	56.4	56.5	56.4	55.9	55.8	55.8
2	59.6	59.6	59.7	59.7	59.7	59.9	60.6	61.2	61.5	61.7	61.9	61.8	61.5	61.5	60.9
3	61.2	61.2	61.1	60.6	60.5	60.5	60.4	60.4	60.3	60.3	59.5	59.2	58.3	57.7	57.4
4	56.7	56.7	57.3	56.9	57.2	57.8	58.5	59.4	59.4	59.7	59.8	60.4	60.3	60.4	60.6
5	63.6	63.6	63.6	63.6	63.6	63.6	63.9	64.4	64.5	64.5	64.5	64.4	63.7	63.5	63.4
6	64.7	64.6	64.4	64.4	64.5	64.6	64.7	64.8	64.7	64.7	64.5	64.0	63.2	62.6	62.3
7	61.7	61.2	61.3	61.2	61.1	61.3	61.3	61.6	61.6	61.6	61.9	61.8	61.3	60.6	60.7
8	63.5	63.4	63.3	63.4	63.4	63.4	64.0	64.6	65.1	65.1	64.9	64.2	63.6	63.2	63.1
9	63.2	62.9	62.9	62.6	62.5	62.7	62.6	63.2	63.0	62.8	61.9	61.4	60.5	60.1	59.6
10	60.4	60.0	59.5	59.5	59.5	59.6	59.6	60.5	60.6	61.3	61.4	61.0	60.5	60.4	60.6
11	63.7	64.0	64.0	64.1	64.4	64.5	64.9	65.6	65.7	65.6	65.4	65.2	64.2	63.9	63.4
12	62.2	62.2	61.4	61.2	60.3	60.4	60.4	60.6	60.4	60.3	60.3	59.5	59.3	58.6	58.4
13	58.1	57.9	57.7	57.6	57.0	57.0	57.6	57.6	57.4	57.4	56.8	56.2	55.7	54.8	54.7
14	54.8	54.8	54.7	55.6	54.7	57.1	58.2	57.6	59.4	59.8	59.9	59.9	60.0	60.0	60.0
15	62.8	62.7	62.7	62.7	62.2	62.5	62.8	63.2	62.9	62.9	62.6	61.7	60.8	60.2	59.8
16	59.7	59.7	59.5	59.4	59.5	60.3	60.4	60.6	61.1	60.8	60.3	60.0	59.1	58.8	58.2
17	57.1	56.5	56.5	56.2	55.6	55.8	55.8	56.4	56.2	56.4	56.7	56.7	55.7	55.6	55.5
18	58.9	59.1	59.5	59.7	59.8	60.0	60.6	60.5	60.9	61.4	61.4	60.6	59.7	59.4	59.0
19	58.4	57.9	56.7	56.8	56.8	57.8	57.8	57.8	57.9	58.2	57.9	57.9	57.2	57.2	57.8
20	60.5	60.5	60.6	60.6	60.8	61.4	61.9	62.0	62.4	62.7	62.1	61.6	60.7	60.0	60.0
21	59.6	59.5	59.5	58.9	58.6	58.6	58.6	58.7	58.4	58.6	58.6	57.8	57.1	56.6	56.7
22	56.8	56.8	56.7	56.2	56.1	56.1	56.4	56.7	56.6	56.6	56.8	56.8	56.1	55.9	56.3
23	59.7	59.7	59.8	59.8	59.8	60.2	60.7	61.1	60.9	61.1	61.2	61.1	60.8	60.5	60.4
24	60.8	60.7	60.1	59.9	59.8	60.4	60.5	60.8	61.2	61.7	61.8	61.7	61.8	61.6	61.6
25	62.6	62.6	62.6	62.3	62.1	62.5	62.7	63.1	63.1	63.2	63.0	62.4	61.7	61.6	61.1
26	59.2	59.1	59.1	58.3	58.0	58.1	58.4	58.5	58.7	59.2	58.9	57.9	57.3	56.5	56.4
27	59.3	59.3	59.0	58.5	58.5	58.5	58.6	59.0	59.1	59.0	58.9	58.0	57.5	56.7	56.7
28	57.4	57.3	57.4	57.1	56.4	57.2	57.2	57.3	57.3	57.5	57.5	57.7	57.8	57.6	56.9
29	58.5	60.5	59.5	61.1	58.4	61.1	60.4	60.4	60.3	59.5	59.5	58.6	58.1	58.6	57.2
30	57.6	58.8	58.2	57.5	57.7	58.0	58.4	58.6	59.0	59.4	59.4	59.4	59.4	58.7	58.8
31															
Prom	59.9	59.9	59.8	59.7	59.4	59.9	60.1	60.4	60.5	60.6	60.5	60.2	59.6	59.3	59.1

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.9	11.9	11.6	11.7	11.7	11.7	11.7	11.4	11.3	11.3	11.3	11.4	11.5	11.5	11.5
2	6.6	4.7	4.4	4.0	3.9	3.9	3.7	3.4	6.8	8.3	10.4	12.3	12.3	13.0	13.5
3	8.4	7.7	7.3	7.2	7.1	7.2	7.2	8.0	9.7	12.0	14.6	14.5	14.7	14.6	14.0
4	10.7	10.6	10.3	9.8	8.9	8.9	9.0	9.7	10.4	10.8	12.2	14.4	15.2	15.4	15.6
5	5.5	4.8	3.8	2.5	1.4	1.3	0.8	2.8	6.4	9.2	11.1	12.9	14.2	15.4	13.5
6	2.4	2.5	3.0	4.4	4.5	3.7	4.1	5.2	9.1	12.3	14.1	15.3	16.5	17.4	17.5
7	8.7	8.6	8.2	7.7	7.1	7.2	7.7	9.0	9.9	12.4	14.4	15.5	16.7	17.6	16.8
8	7.4	6.8	7.0	7.1	7.2	7.0	7.0	6.7	9.7	11.8	14.0	15.6	16.5	16.1	16.2
9	10.0	10.5	11.1	11.5	11.6	11.7	11.7	10.2	10.3	10.4	10.6	11.6	12.1	12.2	12.2
10	11.3	11.3	11.3	11.3	11.3	11.3	11.1	11.2	11.6	12.1	12.4	13.6	14.0	14.5	14.7
11	9.2	9.0	9.1	8.8	7.9	6.1	4.7	3.8	7.5	10.6	13.9	15.9	16.6	17.4	17.0
12	8.6	8.7	8.5	8.7	9.0	9.1	9.2	10.4	11.1	11.5	12.4	13.3	14.3	15.4	16.0
13	13.6	13.2	13.6	13.8	13.8	13.8	13.9	14.9	15.0	15.2	16.2	16.3	17.2	17.4	17.2
14	14.2	14.3	14.4	14.4	14.5	14.2	13.5	11.7	11.7	11.9	12.5	13.2	13.6	13.8	13.6
15	3.2	2.4	1.6	1.5	0.8	0.5	0.5	0.8	4.6	8.6	10.4	11.5	11.8	11.8	11.7
16	4.1	4.1	4.2	4.2	4.0	3.7	3.4	4.4	5.4	6.5	8.9	11.3	12.6	13.5	13.4
17	7.7	8.0	8.7	8.7	8.8	8.3	8.0	8.0	9.7	12.0	13.8	14.9	16.2	16.5	16.7
18	12.5	12.5	12.5	12.2	11.1	10.6	10.1	9.7	9.7	11.3	13.2	14.3	15.5	15.7	15.4
19	10.7	10.8	11.1	11.5	11.6	11.5	10.9	10.2	11.0	13.2	14.6	15.8	17.0	17.6	17.7
20	6.1	5.1	5.2	5.3	2.9	2.7	2.8	4.4	7.0	8.7	9.7	11.4	13.1	13.3	13.2
21	12.6	12.6	12.6	12.6	12.6	12.8	12.8	13.6	13.9	14.2	14.4	15.4	15.7	16.0	15.9
22	14.1	14.0	14.0	14.0	14.0	13.8	13.8	13.0	12.9	12.9	12.9	13.0	13.0	13.0	12.8
23	7.9	7.2	6.4	6.1	5.8	5.2	4.5	4.6	5.9	8.6	10.6	12.3	13.4	14.2	13.9
24	4.6	5.5	5.7	5.8	5.8	5.7	5.3	5.4	8.2	11.2	12.9	14.5	15.6	16.4	16.3
25	6.0	6.2	6.2	5.3	5.2	4.4	4.5	6.8	11.5	14.6	15.7	16.7	17.8	17.8	17.7
26	11.6	11.1	10.6	10.5	10.0	10.0	10.0	9.8	9.9	12.7	14.8	15.8	16.7	17.3	17.3
27	11.3	10.9	10.6	10.6	10.8	10.7	10.6	10.8	12.3	14.3	16.5	17.5	18.1	19.2	19.4
28	12.7	12.7	12.8	12.8	12.8	12.4	11.9	11.1	11.8	12.7	13.4	13.6	13.3	13.1	12.6
29	8.4	8.6	8.7	8.7	8.9	9.0	9.1	9.2	9.4	9.6	10.3	10.7	10.9	11.0	10.7
30	7.8	7.7	7.8	7.6	6.8	5.9	5.9	5.8	5.9	6.4	7.3	8.0	9.6	11.5	11.5
31															
Prom	9.0	8.8	8.7	8.6	8.4	8.1	8.0	8.2	9.6	11 2	12.6	13.8	14.5	16.6	14.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
56.0	56.8	57.6	58.1	58.6	58.8	58.9	59.4	59.7	59.7	24	54.7	4-5	5.0	756.5 mm.	1008.6 mb
60.7	60.9	60.9	61.1	61.0	61.0	60.9	60.9	60.9	61.9	11	59.6	1,2	2.3	60.8	1014.4
57.1	56.9	56.8	57.0	57.1	56.8	56.7	56.8	56.9	61.2	1,2	56.7	22	4.5	58.8	1011.7
60.7	60.9	61.6	62.5	62.8	63.6	63.7	63.8	63.7	63.8	23	56.7	1,2	7.1	60.2	1013.6
63.4	63.5	63.4	63.5	64.0	64.0	64.1	64.4	64.8	64.8	24	63.4	15,16	1.4	63.9	1018.5
62.5	62.3	62.3	62.4	62.4	62.5	62.3	62.2	62.1	64.8	8	62.1	24	2.7	63.5	1018.0
61.0	61.6	61.8	62.3	62.8	62.8	62.7	62.6	63.5	63.5	24	60.6	14	2.9	61.7	1015.6
63.3	63.3	63.3	63.4	63.4	63.5	63.4	63.4	63.5	65.1	9-10	63.1	15	2.0	63.7	1018.2
59.8	59.9	60.0	60.2	60.3	60.5	60.5	60.5	60.5	63.5	0	59.6	15	3.9	61.5	1015.3
60.6	60.9	61.6	61.8	62.2	62.7	62.8	63.4	63.7	63.7	24	59.5	4,5	4.2	61.0	1014.6
63.3	63.2	63.1	63.1	63.0	63.0	63.0	62.9	62.4	65.7	9	62.4	24	3.3	64.0	1018.6
58.2	58.3	58.4	58.9	58.6	58.5	58.4	58.3	58.1	62.4	0	58.2	16	4.2	59.6	1012.8
54.7	54.6	54.6	54.8	54.8	54.7	54.6	55.2	54.9	58.1	0,1	54.5	17-18	3.6	56.1	1008.1
60.5	60.9	61.5	62.4	62.6	62.9	63.3	63.3	63.3	63.3	22,23,24	54.5	4-5	8.8	59.5	1012.6
59.5	59.6	60.1	60.1	60.1	60.0	59.6	59.7	59.8	63.3	0	59.5	16	3.8	61.3	1015.0
58.4	58.5	58.4	59.1	58.6	58.4	57.8	57.4	57.4	61.1	9	57.4	23-24	3.7	59.2	1012.1
55.7	56.5	56.8	57.4	57.4	57.5	57.8	58.1	58.8	58.8	24	55.4	14-15	3.4	56.6	1008.8
59.2	59.3	58.9	58.8	58.7	58.6	58.8	58.8	58.8	61.4	10,11	58.6	23-24	2.8	59.6	1012.8
58.0	58.8	59.1	59.8	59.8	60.0	60.5	60.5	60.6	60.6	24	56.6	3-4	4.0	58.4	1011.2
59.9	60.0	60.0	60.5	60.4	60.3	60.2	59.9	59.8	62.7	10	59.8	24	2.9	60.8	1014.4
56.6	56.6	57.0	57.4	57.6	57.4	57.4	56.7	56.7	59.8	0	56.5	15-16	3.3	57.9	1010.5
56.9	57.1	57.9	58.1	58.9	58.9	59.0	59.6	59.6	59.7	22-23	55.9	14	3.8	57.2	1009.6
60.7	60.9	60.9	61.1	61.1	61.1	61.0	61.0	61.0	61.1	19,20,21	59.6	0	1.5	60.6	1014.1
61.6	61.7	61.8	61.1	62.4	62.5	62.6	62.7	62.7	62.8	23-24	59.8	5	3.0	61.4	1015.2
60.9	60.5	60.4	60.1	59.9	59.9	59.9	59.4	59.6	63.2	10	59.4	23	3.8	61.6	1015.4
56.4	56.4	56.6	57.5	57.8	57.9	58.4	58.5	59.2	59.6	0	56.3	15-16	3.3	58.0	1010.6
56.6	56.6	56.7	56.8	57.2	57.5	57.5	57.6	57.5	59.3	1,2	56.6	16,17	2.7	57.9	1010.5
56.7	58.0	58.7	59.4	58.8	59.5	59.5	59.5	60.9	60.9	24	56.4	5	4.5	57.9	1010.5
57.7	58.5	58.2	57.7	58.4	58.4	58.5	58.0	57.5	61.3	6-7	56.9	15-16	4.4	58.9	1011.8
59.3	59.5	59.6	59.9	60.0	60.3	60.4	60.5	60.5	60.5	23,24	57.3	0-1	3.2	59.1	1012.1
59.2	59.4	59.6	59.9	60.0	60.1	60.1	60.2	60.3	61.9		58.2		3.7	59.9	1013.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.7	11.6	11.5	10.7	10.4	9.5	8.5	7.6	6.7	11.9	0-3	6.7	24	5.2	10.9
13.3	11.8	10.1	9.0	8.8	8.9	9.0	9.0	9.1	13.5	15	3.4	8	10.1	8.4
13.7	13.5	13.3	13.2	12.8	12.7	12.6	12.5	11.7	14.7	13	7.1	5	7.6	11.2
15.1	13.3	10.0	9.3	8.3	7.1	7.3	7.3	6.2	15.6	15	6.2	24	9.4	10.6
12.5	10.5	8.5	7.4	6.7	5.3	4.9	4.0	3.2	15.4	14	3.2	24	12.2	7.0
16.3	13.7	11.0	9.6	8.5	8.6	8.5	8.6	8.7	17.5	15	2.4	1	15.1	9.4
15.9	14.9	13.8	11.4	9.8	8.6	7.3	6.8	7.4	17.6	14	7.1	5	10.5	11.0
16.0	14.2	12.3	11.1	10.0	9.2	10.0	10.0	10.0	16.5	13	6.7	8	9.8	10.8
12.5	12.5	12.4	12.2	12.1	12.0	11.9	11.9	11.8	12.5	16,17	10.0	0,1	2.5	11.5
14.5	14.1	13.6	11.9	10.0	9.2	8.8	9.2	9.6	14.7	15	8.8	22	5.9	11.8
16.2	13.3	10.9	10.4	9.2	8.9	7.5	8.4	8.6	17.4	14	3.8	8	13.6	10.4
16.1	15.9	15.1	14.8	14.1	14.5	14.6	14.3	13.9	16.1	16	8.5	3	7.6	12.5
17.0	16.8	16.3	15.7	15.2	14.2	14.2	13.7	14.2	17.4	14	13.2	2	4.2	15.1
12.8	11.6	9.7	7.8	6.2	6.2	5.0	4.6	4.1	14.5	5	4.1	24	10.4	11.2
11.6	10.0	6.6	5.0	3.7	3.8	3.8	4.0	3.9	11.8	13,14	0.5	6,7	11.3	5.6
12.8	10.8	9.6	8.8	8.6	8.5	8.4	8.1	8.1	13.6	14-15	3.4	7	10.2	7.8
16.1	15.6	14.5	14.2	13.2	13.2	12.9	12.7	12.6	16.7	15	7.7	1	9.0	12.1
14.3	13.2	11.7	10.6	10.4	10.5	10.5	10.6	10.7	15.7	15	9.7	8,9	6.0	12.0
16.6	14.4	11.9	10.0	8.2	7.8	6.5	6.1	6.6	17.7	15	6.1	23	11.6	11.8
13.0	13.0	12.8	12.7	12.5	12.2	11.9	12.0	12.1	13.3	14	2.6	6-7	10.7	9.2
15.8	15.6	15.4	15.1	15.0	15.0	15.0	15.0	14.9	16.0	14	12.1	0	3.9	14.4
12.3	11.5	11.2	10.3	8.8	8.3	8.0	8.0	8.1	14.9	0	8.0	22,23	6.9	12.0
13.0	10.6	8.4	7.7	6.9	6.2	5.2	4.3	4.5	14.2	14	4.5	7	9.7	8.0
16.2	14.1	11.1	9.3	7.6	7.5	6.7	6.0	5.9	16.4	15	4.5	0	11.9	9.3
16.0	14.3	13.1	13.1	13.0	13.0	12.5	12.1	12.1	17.8	13,14	4.4	6	13.4	11.5
17.3	15.5	14.1	11.8	10.8	11.4	11.8	11.7	11.5	17.3	14,15,16	9.1	7-8	8.2	12.7
19.3	17.8	15.0	14.2	13.6	13.1	12.6	12.4	12.5	19.4	15	10.6	3,4,5	8.8	13.9
12.2	11.8	11.2	10.3	9.4	7.6	8.0	8.0	8.1	13.6	12	7.6	21	6.0	11.5
10.5	10.2	9.9	9.4	8.6	8.6	8.5	8.5	8.4	11.0	14	8.1	0	2.9	9.4
11.4	10.6	9.1	7.0	6.0	5.9	5.1	4.7	4.5	11.5	14,15	4.5	24	7.0	7.5
14.4	13.2	11.8	10.8	9.9	9.6	9.2	9.1	9.0	15.2		6.5		8.7	10.7

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	98	98	99	95	94	94	94	93	93	93	90	91	91	95	90
2	98	98	98	99	99	100	100	100	100	86	81	84	78	68	68
3	95	98	99	100	100	100	100	100	99	87	72	71	72	72	78
4	98	98	98	99	99	100	100	100	99	98	75	53	49	48	47
5	83	91	93	97	100	99	100	93	73	65	57	47	49	51	60
6	99	100	100	100	100	100	100	100	92	79	71	61	55	49	54
7	97	97	97	97	97	98	97	97	92	86	82	79	72	67	74
8	99	99	99	99	99	99	99	100	99	80	73	70	70	73	72
9	99	99	99	99	99	100	100	100	99	99	98	97	97	95	92
10	99	99	100	100	100	100	100	100	100	98	96	95	94	92	88
11	98	98	98	98	98	98	99	100	98	86	66	62	61	54	67
12	92	95	99	99	98	95	95	100	100	100	99	97	91	89	85
13	96	97	97	97	97	98	98	99	99	99	98	98	92	92	92
14	100	100	100	99	99	95	90	88	85	80	73	66	63	59	60
15	92	91	91	90	88	87	85	85	73	44	44	46	47	51	53
16	92	93	95	96	97	98	99	100	100	100	91	72	65	64	67
17	97	97	90	87	91	92	94	97	90	82	76	76	71	70	69
18	91	91	91	90	91	93	95	95	94	81	72	72	64	64	71
19	100	100	100	97	94	93	92	95	88	77	66	61	55	53	55
20	99	99	100	100	100	99	99	100	100	100	100	80	75	78	80
21	96	98	99	99	99	99	100	100	100	98	98	98	96	96	96
22	99	99	99	99	99	98	98	98	98	98	91	90	85	84	85
23	96	96	98	96	90	87	88	84	76	69	64	54	46	44	44
24	84	72	72	76	77	79	83	81	71	66	60	56	58	56	56
25	95	90	89	93	95	96	97	97	85	71	58	62	60	63	50
26	85	85	81	84	85	80	79	76	76	67	64	62	61	59	59
27	91	94	90	90	90	90	92	90	84	80	76	75	72	70	69
28	96	96	95	94	95	96	96	97	98	97	86	83	88	90	93
29	94	83	81	82	79	80	87	92	93	93	92	91	89	87	87
30	90	91	92	82	80	86	88	88	84	80	80	75	87	53	49
31															
Prom.	95	95	95	94	94	94	95	95	91	85	78	74	72	70	70

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.3	9.0	9.0	8.5	9.0	9.0	9.0	9.0
2	7.0	6.2	6.0	5.8	5.8	5.8	5.8	5.8	7.2	7.0	7.6	8.5	8.0	7.6	7.6
3	7.6	7.6	7.4	7.4	7.2	7.2	7.2	8.0	8.5	9.0	9.0	8.5	9.0	8.9	9.0
4	9.0	9.0	9.0	8.5	8.0	8.0	8.0	9.0	9.0	9.0	7.6	6.4	7.4	6.4	6.2
5	5.4	5.8	5.4	5.2	4.8	4.8	4.6	5.2	5.2	5.4	5.6	5.2	5.6	5.8	6.6
6	5.2	5.2	5.4	5.8	6.0	5.8	5.8	6.6	7.8	9.5	8.5	8.0	7.2	7.2	7.8
7	8.0	8.0	7.8	7.6	7.2	7.2	7.6	8.4	8.5	9.0	10.0	10.0	10.5	10.0	10.0
8	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.4	8.5	7.8	8.5	8.5	9.0	9.9	10.0
9	8.5	9.0	9.5	9.5	9.5	10.0	10.0	9.3	9.0	9.0	9.0	9.5	10.0	10.1	9.5
10	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.9	9.5	10.0	10.0	11.0	11.0	11.3	10.5
11	8.5	8.0	8.0	8.0	7.6	6.8	7.2	8.2	7.4	8.0	7.8	9.0	8.5	8.1	9.5
12	7.6	7.8	7.8	8.0	8.0	7.8	8.0	9.4	9.5	9.5	10.0	11.0	11.0	11.6	11.0
13	11.0	11.0	11.0	11.0	11.0	11.0	11.5	12.5	12.0	12.5	13.0	13.0	14.0	13.6	13.5
14	11.5	11.5	11.5	11.5	12.0	11.5	10.5	9.0	9.0	7.8	7.8	7.6	7.8	6.9	6.6
15	5.2	5.0	4.6	4.4	4.2	4.0	3.8	4.1	4.6	3.4	4.0	4.8	4.8	5.3	5.4
16	5.6	5.6	5.6	5.6	5.8	5.8	5.6	6.3	6.4	7.0	7.8	7.2	6.8	7.4	7.6
17	7.6	7.6	7.2	7.2	7.8	7.4	7.4	7.8	8.0	8.5	9.0	9.5	10.0	9.7	9.0
18	10.0	10.0	10.0	9.0	9.0	8.5	8.5	8.5	8.0	8.0	8.0	8.5	8.0	8.6	9.0
19	9.0	9.0	10.0	9.5	9.0	9.0	9.0	8.8	8.5	8.5	8.0	8.0	7.6	7.8	7.8
20	6.8	6.4	6.4	6.0	5.4	5.4	5.4	6.3	7.2	8.0	8.5	7.6	8.0	8.9	8.5
21	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.6	11.5	11.5	11.5	12.5	12.5	12.9	13.0
22	11.5	11.5	11.5	11.5	11.5	11.5	11.5	10.9	10.5	10.5	10.0	10.0	9.0	9.4	9.0
23	7.6	7.4	7.0	6.8	6.0	5.4	5.6	5.3	5.2	5.6	5.8	6.6	5.4	5.2	5.0
24	5.2	4.8	4.8	5.2	5.2	5.2	5.4	5.5	5.8	6.6	6.8	7.0	7.6	7.8	7.8
25	6.4	6.2	6.2	6.0	6.0	6.0	6.0	7.2	8.0	9.0	7.6	8.5	8.5	9.6	7.2
26	8.0	8.0	7.8	7.8	7.6	7.0	7.0	6.9	7.0	7.4	7.8	8.0	8.5	8.7	8.5
27	9.0	9.0	8.0	8.0	8.0	8.0	8.5	8.7	8.5	9.0	10.5	10.5	11.0	11.6	11.0
28	10.5	10.5	10.0	10.0	10.0	10.5	10.0	9.6	10.0	10.5	10.0	9.5	9.0	10.3	10.0
29	7.6	6.8	6.8	6.8	6.6	6.6	7.6	8.0	8.0	8.0	8.5	8.5	8.0	8.6	8.0
30	6.8	7.2	7.2	6.4	6.4	6.0	6.0	6.0	5.6	5.4	5.8	5.8	7.8	5.4	4.8
31															
Prom.	8.1	8.0	8.0	7.8	7.7	7.6	7.7	8.0	8.1	8.3	8.4	8.6	8.7	8.8	8.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
87	86	87	92	90	87	91	95	97	99	3	85	17-18	14	92
69	81	90	91	92	92	92	92	92	100	6-9	66	14-15	34	90
85	87	89	86	88	89	91	94	97	100	4-8	70	12-13	30	90
54	68	77	69	75	81	74	77	81	100	6-8	47	15	53	80
70	80	91	93	96	96	98	99	99	100	5,7	45	12-13	55	82
76	84	93	98	100	98	94	94	97	100	1-8	46	14-15	54	87
76	77	87	93	97	98	98	99	99	99	23,24	67	14	32	90
74	86	93	94	97	98	98	98	99	100	8	64	12-13	36	90
93	93	94	94	95	96	96	96	98	100	6,7	92	15	8	97
85	88	91	94	97	97	97	98	98	100	3-9	83	15-16	17	96
70	81	92	94	97	97	98	85	87	100	8	54	14	46	87
86	91	90	94	95	95	90	93	96	100	9,10	85	15	15	94
92	94	97	98	98	98	99	99	100	100	24	91	15-16	9	97
64	71	81	86	92	91	90	90	92	100	1,2,3	59	14	41	84
61	78	91	96	97	98	93	89	92	97	20	43	12-13	54	78
70	81	87	89	89	91	92	93	93	100	9,10	63	13-14	37	88
75	81	85	88	90	91	91	91	91	98	1-2	64	14-15	34	86
82	81	84	80	82	86	90	97	100	100	24	63	14-15	37	85
70	82	91	96	97	98	98	98	98	100	0,1,2,3	53	14	47	86
85	89	82	86	86	92	96	97	97	100	4,5,8-11	74	13-14	26	92
96	97	99	99	100	100	100	100	99	100	7-9,20-23	96	1	4	98
87	88	89	92	94	94	94	95	97	99	0-6	84	14	15	94
52	62	72	76	80	84	88	93	90	98	3	41	14-15	57	76
59	71	88	94	94	95	95	96	96	96	23,24	55	15-16	41	76
61	71	80	79	77	76	80	82	85	97	7,8	48	14-15	49	79
64	73	82	93	93	88	86	87	89	93	19,20	59	14,15	34	77
71	82	92	92	93	96	97	97	97	97	22,23,24	69	15	28	86
82	93	96	97	97	97	98	98	97	98	22,23	83	12	15	94
38	91	93	94	94	93	93	93	91	95	19-20	75	5-6	20	89
52	59	70	82	82	87	91	93	93	95	23-24	48	14-15	47	80
75	82	88	90	92	93	93	94	94	99		66		33	87

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	8.5	8.5	8.5	8.4	7.8	7.6	7.4	7.0	10.0	1	7.0	24	3.0	8.8
7.6	7.8	8.0	7.4	7.8	7.8	7.8	7.8	7.8	8.5	12	5.8	4-8	2.7	7.2
9.5	10.0	10.0	9.5	9.8	9.5	10.0	10.0	9.5	10.0	17,18,22,23	7.2	5-7	2.8	8.7
6.6	7.6	7.0	5.8	6.2	6.2	5.4	5.8	5.8	9.0	1-3,8-10	5.4	22	3.6	7.4
7.2	7.2	7.6	7.0	7.0	6.4	6.2	5.8	5.6	7.6	18	4.6	7	3.0	5.9
10.5	9.5	9.0	8.5	8.3	8.0	8.0	8.0	8.0	10.5	16	5.2	1,2	5.3	7.5
10.0	9.5	10.0	9.0	8.8	8.0	7.4	7.2	7.4	10.5	13	7.2	5,6,23	3.3	8.6
9.5	10.5	9.5	9.0	8.9	8.5	8.5	8.5	8.5	10.5	17	7.0	1	3.5	8.4
10.0	10.0	10.0	9.5	10.0	10.0	10.0	10.0	10.0	10.1	14	8.5	1	1.6	9.6
10.0	9.5	10.5	9.0	8.9	8.5	8.0	8.0	8.5	11.3	14	8.0	22,23	3.3	9.6
9.0	9.0	7.8	8.5	8.4	8.0	7.4	6.8	7.2	9.5	15	6.8	6,23	2.7	8.0
12.0	11.5	11.0	11.5	11.4	11.0	10.5	11.0	11.5	12.0	16	7.6	1	4.4	10.0
13.0	13.0	13.0	12.5	12.6	11.5	11.5	11.0	11.5	14.0	13	11.0	1-6,23	3.0	12.1
6.8	7.4	7.4	6.8	6.6	6.4	5.6	5.4	5.6	12.0	5	5.4	23	6.6	8.4
6.4	7.0	6.6	6.2	5.8	5.8	5.4	5.2	5.6	7.0	17	3.4	10	3.6	5.1
7.4	7.8	7.8	7.4	7.4	7.6	7.6	7.4	7.4	7.8	11,17,18	5.6	1-4,7	2.2	6.8
9.5	10.5	10.0	10.0	10.2	10.5	10.0	10.0	10.0	10.5	17,21	7.2	3,4	3.3	8.9
10.0	9.0	8.5	7.4	7.7	8.0	8.0	9.0	9.0	10.0	1-3,16	7.4	19	2.6	8.7
9.5	10.0	9.5	8.5	7.9	7.6	7.0	6.8	7.0	10.0	3,17	6.8	23	3.2	8.5
8.5	9.5	9.0	9.5	9.2	9.5	10.0	10.0	10.0	10.0	22-24	5.4	5-7	4.6	7.9
13.0	12.5	12.5	12.5	12.7	12.0	12.0	12.0	12.0	13.0	15,16	10.5	1-7	2.5	11.7
9.0	8.5	8.5	8.5	8.2	7.6	7.6	7.4	7.4	11.5	1-7	7.4	23,24	4.1	9.7
5.8	5.0	5.8	6.0	6.0	5.8	5.8	8.0	5.4	7.6	1	5.0	15,17	2.6	6.0
7.8	8.5	8.5	8.0	7.4	7.2	6.8	6.8	6.8	8.5	17,18	4.8	2,3	3.7	6.6
8.5	8.5	8.5	8.5	8.6	8.0	8.5	8.5	8.5	9.6	14	6.0	4-7	3.6	7.7
9.0	9.5	9.5	9.5	8.9	8.5	9.0	9.0	8.5	9.5	17-19	6.9	8	2.6	8.2
12.0	12.5	11.5	11.0	10.8	10.5	10.5	10.5	10.5	12.5	17	8.0	3-6	4.5	10.0
9.5	9.5	9.0	9.0	8.6	7.4	7.8	7.8	7.8	10.5	1,2,6,10	7.4	21	3.1	9.4
8.0	8.5	8.0	8.0	7.9	7.6	7.6	7.6	7.6	8.6	14	6.6	5,6	2.0	7.7
5.2	5.4	5.8	6.2	5.4	6.0	5.6	5.8	5.8	7.8	13	4.8	15	3.0	6.0
9.0	9.1	8.9	8.6	8.5	8.2	8.1	8.2	8.1	10.0		6.7		3.3	8.3

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
DÍAS	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SW	12	SW	12	SW	12	SW	16	SW	11	SW	12	SW	14	SW	8	SW	12	SW	12	SW	13	SW	13	SW	15	SW	12	SW	13
2	W	4	W	2	Calma	0	Calma	1	Calma	1	NW	2	NW	2	Calma	0	N	4	N	9	N	11	N	12	N	14	N	12	N	10
3	NE	10	NE	7	NE	5	NE	6	NE	6	NE	6	E	7	NE	5	E	7	E	8	E	15	NE	20	NE	19	NE	15	NE	17
4	NW	4	NW	5	W	5	W	5	W	3	W	4	W	3	Calma	1	W	10	SW	9	SW	10	SW	16	SW	16	SW	[illegible]	SW	11
5	SW	5	SW	6	SW	2	NW	3	Calma	1	SW	2	SW	2	Calma	0	Calma	1	Calma	1	SE	3	SE	4	SE	2	E	4	NE	10
6	NE	2	NE	5	NE	5	NE	3	N	3	N	5	NE	4	NE	5	NE	7	N	10	N	9	N	9	N	10	N	8	NE	7
7	NE	11	N	11	N	5	NE	8	NE	8	NE	12	NE	8	NE	8	NE	8	NE	7	NE	5	N	7	N	10	N	12	NW	10
8	Calma	0	Calma	1	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	Calma	0	Calma	1	E	2	E	2
9	E	3	E	3	E	5	Calma	1	E	5	N	3	NE	3	Calma	1	NW	7	NW	3	NW	7	NW	10	NW	9	NW	9	NW	9
10	NE	10	NE	8	NE	9	NE	9	NE	7	NE	6	NE	8	NE	5	N	6	NW	6	W	3	W	4	W	3	Calma	1	W	3
11	W	5	W	2	SW	5	SW	3	SW	3	Calma	1	S	3	Calma	1	Calma	1	E	2	NE	2	NE	4	NE	5	NE	9	NE	10
12	NE	10	NE	9	NE	8	NE	9	NE	13	NE	13	NE	13	NE	18	NE	29	NE	22	NE	18	N	17	N	14	N	14	N	6
13	NE	5	NE	8	NE	9	N	9	N	6	NE	5	NE	7	NE	6	NE	9	NE	11	NE	11	NE	12	N	11	NE	9	NE	6
14	S	3	S	4	SW	5	SW	8	SW	11	S	11	S	14	S	13	SE	16	SE	14	SE	15	SE	14	SE	13	S	11	S	10
15	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	SE	2	E	3	NE	4	NE	6	NE	6	NE	6
16	NE	11	NE	11	NE	10	NE	8	NE	7	NE	7	NE	5	NE	7	NE	14	NE	18	NE	16	N	16	N	19	N	18	NE	18
17	NE	14	NE	19	N	30	N	34	NE	24	NE	16	NE	16	NE	14	NE	18	N	18	N	16	N	12	N	14	N	14	N	12
18	S	3	S	2	S	2	S	5	S	6	S	7	S	8	S	4	SE	9	E	8	E	5	E	5	SE	6	E	7	E	11
19	SE	3	S	3	SE	6	SE	9	SE	8	S	10	S	6	S	4	SE	5	SE	4	SE	4	SE	6	E	5	E	6	SE	4
20	Calma	1	Calma	1	SE	3	Calma	0	Calma	1	Calma	1	Calma	0	NE	2	Calma	0	N	4	E	3	E	15	E	14	E	14	E	16
21	E	7	E	8	E	8	E	7	E	6	E	5	E	4	E	4	E	9	E	9	E	5	E	4	E	7	E	8	E	5
22	SE	2	Calma	1	Calma	1	Calma	0	S	2	Calma	1	S	2	S	2	S	3	S	2	S	2	S	2	S	4	SW	7	SW	9
23	W	6	W	6	W	6	W	6	W	6	W	7	SW	7	SW	9	SW	10	SW	8	W	6	W	6	W	7	W	10	W	11
24	NW	9	NW	9	NW	13	NW	15	NW	13	NW	15	NW	10	NW	7	NW	7	W	7	W	10	W	9	W	8	NW	6	NW	7
25	NW	6	NW	9	NW	7	W	4	Calma	1	Calma	1	SE	4	E	3	NE	8	NE	9	NE	9	NE	10	NE	11	NE	12	NE	12
26	NE	16	NE	18	NE	16	NE	20	NE	18	NE	18	NE	16	NE	18	NE	18	NE	18	N	22	N	24	N	24	N	22	N	20
27	NE	5	NE	5	NE	9	NE	11	NE	10	NE	10	NE	13	NE	10	N	16	N	12	N	12	NW	8	NW	9	NW	8	N	9
28	N	3	W	3	W	4	S	4	Calma	1	E	3	Calma	1	Calma	1	Calma	0	SW	2	SW	6	SW	7	SW	6	S	4	S	5
29	S	6	SE	6	SE	6	SE	5	SE	7	S	6	SE	5	SE	5	SE	5	SE	4	SE	6	SE	8	S	5	S	8	S	6
30		9	SW	9	SW	9	SW	10	SW	14	SW	13	SW	14	SW	13	SW	19	SW	14	SW	17	SW	14	SW	14	SW	13	SW	14
31																														
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		N		N		N		NE	
NUMERO DE HORAS	10		9		8		8		8		9		10		11		8		6		6		7		8		7		8	
PROM. HOR. DE LA VELOCIDAD		6		6		7		7		7		7		7		6		9		8		9		10		10		10		10

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SW	10	SW	9	SW	8	SW	7	SW	5	SW	5	W	5	N	4	W	6	SW	21	10	25	SW	13.49
NE	7	NE	4	NE	8	NE	6	NE	8	NE	7	NE	13	NE	12	NE	12	NE	11	7	15	NE	22.01
[illegible]	11	E	9	E	7	NE	8	NE	7	NE	8	NE	8	NE	7	N	5	NE	17	9	22	NE	11.06
SW	7	W	5	W	4	W	7	W	7	W	5	SW	7	SW	10	SW	6	W	11	7	23	SW	11.16
NE	11	NE	7	NE	5	NE	5	NE	2	NE	3	NE	2	N	3	N	2	NE	8	4	9	NE	15.22
NE	8	E	5	E	7	NE	7	NE	6	NE	14	NE	16	NE	15	NE	10	NE	15	8	19	NE	22.51
NW	8	NW	6	Calma	1	Calma	0	Calma	0	Calma	0	Calma	0	SW	2	SW	4	NE	9	6	16	N	13.42
E	4	E	2	Calma	0	Calma	0	E	3	E	2	E	2	E	5	E	4	Calma	15	1	7	E	14.41
NW	7	N	5	N	6	N	5	N	4	N	3	N	4	N	4	N	8	N	9	5	12	NW	12.27
NW	3	Calma	1	W	2	NW	2	NW	2	Calma	1	W	3	W	5	W	4	NE W	8	5	12	NE	2.52
[illegible]	9	E	7	E	6	E	8	NE	6	NE	6	NE	6	NE	12	NE	9	NE	11	5	10	NE	22.09
[illegible]	1	S	2	Calma	1	Calma	1	E	4	NE	5	NE	7	NE	6	NE	8	NE	15	10	29	NE	9.06
NE	6	NE	6	NE	3	NE	6	Calma	1	SE	2	SE	3	SE	3	S	3	NE	16	6	11	NE	10.50
[illegible]	10	S	5	S	6	S	2	S	2	S	3	S	2	SE	2	Calma	1	S	14	8	25	S	10.38
N	7	N	3	Calma	0	NE	2	NE	4	NE	4	NE	10	NE	10	NE	10	Calma NE	10	3	11	NE	21.59
NE	17	NE	13	NE	14	NE	14	NE	14	NE	16	NE	12	NE	14	NE	12	NE	21	13	25	N	12.33
NW	7	W	2	SW	2	S	3	SE	2	SE	2	SE	2	SE	3	SE	2	N	8	12	44	N	3.08
E	13	E	6	SE	4	SE	4	SE	5	E	5	SE	2	S	2	SE	3	S	9	5	20	S	5.45
S	3	S	2	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	SE	2	SE	2	SE	11	4	27	S	5.38
E	14	E	11	NE	11	NE	8	E	6	E	6	SE	3	SE	3	SE	4	E	9	6	26	E	13.32
[illegible]	6	SE	4	S	4	S	2	S	5	SE	2	Calma	1	SE	4	SE	2	E	16	5	10	E	2.07
SW	10	SW	6	SW	7	SW	7	SW	9	SW	9	SW	7	SW	9	SW	6	SW	11	4	17	SW	19.18
W	10	W	8	NW	7	NW	7	NW	8	NW	8	NW	7	NW	7	NW	6	W	13	7	21	W	15.07
NW	7	NW	5	NW	3	NW	4	NW	5	Calma	1	NW	4	W	3	NW	4	NW	18	8	18	NW	2.52
NE	13	NE	8	NE	9	NE	14	NE	17	NE	20	NE	16	NE	15	NE	16	NE	16	10	23	NE	14.39
N	18	NE	10	NE	8	Calma	1	NE	7	NE	10	NE	12	NE	12	NE	7	NE	17	16	31	N	11.27
NW	9	NW	5	N	4	N	6	Calma	1	W	2	Calma	0	Calma	1	SW	2	NE	11	7	13	NE	6.28
S	6	S	4	Calma	1	Calma	0	Calma	1	Calma	0	S	4	S	3	S	3	S Calma	8	3	11	SW	15.28
S	8	S	5	S	5	S	7	S	5	S	5	S	7	S	5	S	5	S	14	6	15	SE	11.08
SW	12	SW	6	SW	6	SW	4	SW	6	SW	6	SW	5	SW	7	SW	4	SW	23	10	27	SW	8.36
NE		NE-E		NE		NE		NE		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
8		6		7		9		9		10		10		9		8		NE	191	7	DIRECCIÓN	DÍA	HORA
	9		6		5		5		5		5		6		6		6				N	17	de 3.15 a 3.20

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1											21	231	3	15				246
2	7	72	11	77									2	6	2	4	4	161
3	1	5	17	165	6	53												223
4											10	104	9	58	2	9	1	172
5	2	5	8	45	1	4	3	9			5	17			1	3	4	86
6	7	54	15	114	2	12												180
7	5	45	9	75							2	6			3	24	5	151
8					9	26											15	29
9	9	42	1	3	4	16									8	61	2	124
10	1	6	8	62									8	27	4	13	3	111
11			11	78	4	23			1	3	3	11	2	7			3	125
12	4	51	15	188	1	4			1	2							3	248
13	3	26	16	119			3	8	1	3							1	157
14							6	74	14	96	3	24					1	195
15	2	10	10	62	1	3	1	2									10	78
16	3	53	21	258														311
17	8	150	7	121			5	11	1	3	1	2	1	2	1	7		296
18					8	57	7	33	9	39								129
19					2	11	11	53	6	28							5	92
20	1	4	3	21	9	99	4	13									7	137
21					16	102	4	12	3	11							1	126
22							1	2	8	19	11	86					4	110
23											4	34	13	95	7	50		179
24													5	37	18	143	1	181
25			16	200	1	3	1	4					1	4	3	22	2	235
26	6	130	17	242													1	373
27	3	19	11	113							1	2	1	2	5	39	3	177
28	1	3			1	3			8	33	4	21	2	7			8	72
29							10	57	14	83								140
30									1	9	23	243						252
31																		
SUMAS	63	675	196	1943	65	416	56	278	67	329	88	781	47	260	54	375	84	5100
% PREVAL POR VELOCIDAD	13.2		38.1		8.2		5.4		6.4		15.3		5.1		7.4		0.8	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		10		6		5		5		9		6		7		0	172

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	10	2	2	4	2	3	3	3
1 - 2	1	9	2	1	3	3	4	3	4
2 - 3	2	8	2	3	1	5	3	2	4
3 - 4	2	8	1	2	2	4	3	2	6
4 - 5	2	8	2	2	2	4	2	1	7
5 - 6	2	9	2	0	4	3	2	2	6
6 - 7	0	10	2	2	5	4	1	2	4
7 - 8	0	11	2	1	4	3	0	1	8
8 - 9	3	8	2	4	1	3	1	2	6
9 - 10	5	6	4	4	1	5	1	2	2
10 - 11	5	6	5	4	1	4	3	1	1
11 - 12	7	5	3	4	1	4	3	2	1
12 - 13	8	4	3	3	2	4	3	2	1
13 - 14	7	5	6	0	3	4	1	3	1
14 - 15	5	8	4	1	3	4	2	3	0
15 - 16	2	8	4	0	4	4	1	6	1
16 - 17	2	6	5	1	5	3	3	3	1
17 - 18	2	7	3	1	3	4	2	2	6
18 - 19	2	9	1	1	4	3	1	3	6
19 - 20	1	9	3	2	3	3	1	3	5
20 - 21	1	10	3	3	2	3	2	1	5
21 - 22	1	10	1	4	3	3	2	2	4
22 - 23	2	9	1	6	3	4	3	1	1
23 - 24	3	8	1	5	3	5	2	2	1
SUMAS	66	191	65	56	67	88	49	54	84
% de frec. por dirección	9.2	26.5	9.0	7.8	9.3	12.2	6.8	7.5	11.7

NUBES, VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Frs	8	Frs	8	Frs	8	Sc	8	Ac	7	99	96	99
2	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	3	9	9
3	Cs	5	Cu 4 Ci 2	6	Cu 1 Cs 6	7	Ac	6	Sc	8	3	8	9
4	Niebla	9	Cu	3	Claro	0	Claro	0	Claro	0	2	9	9
5	Claro	0	Ci	2	Ci	3	Ci	6	Claro	0	4	5	8
6	Claro	0	Claro	0	Ci	1	Ci	1	Claro	0	3	9	6
7	St 2 Ci 6	8	Ac 1 Sc 5	6	Cu 6 Ci 1	7	Sc	8	Claro	0	8	8	9
8	Ci	7	Claro	0	Cu 4 Ci 2	6	Ci	8	Claro	0	3	6	5
9	Niebla	9	Niebla	9	St	8	St	8	St	8	1	3	7
10	Niebla	9	Niebla	9	Sc	7	Sc	8	N	0	1	7	1
11	Claro	0	Claro	0	Claro	0	Claro	0	N	0	2	6	7
12	St	8	St	8	Sc	8	Sc	7	Sc	4	3	9	7
13	St	8	St	8	St	8	Sc	8	St	2	2	8	7
14	Cu 1 Ac 2 Ci 3	6	Ci	2	Ci	2	Sc	1	Claro	0	9	9	8
15	Claro	0	Claro	0	Ci	2	Claro	0	Claro	0	8	8	9
16	Niebla	9	Frs 3 Cs 5	8	Cu 1 Ci 6	7	Ci	2	Claro	0	1	9	9
17	Cs	3	Sc	6	Sc	6	Sc	8	Sc	7	7	9	9
18	St	4	Cu	1	Claro	0	Claro	0	Cs	8	6	6	7
19	Sc	8	Ac	2	Claro	0	Sc	4	Claro	0	7	7	9
20	Sc	7	Sc	7	Sc	6	Sc	7	Sc 2 Ac 1	3	1	7	9
21	Niebla	9	St	8	St	8	St	8	Ns	8	1	4	4
22	St	8	Sc	8	As	8	Sc 3 As 5	8	As	8	3	9	8
23	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
24	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
25	Claro	0	Claro	0	Claro	0	Ci	8	Cs	8	2	8	9
26	Cc	2	Ci	3	Ci	1	Claro	0	Claro	0	9	9	8
27	Claro	0	Claro	0	Cu.	2	Ac 1 Ci 1	2	Sc	6	7	8	9
28	Ac	8	As	8	Sc 4 As 4	8	St	8	Ac	1	1	7	7
29	As	8	As	8	St	8	St	8	St	8	5	7	8
30	Ci	3	Sc	8	Cu 2 Ac 1	3	Cu	1	Sc	1	9	9	9
31													
Prom.		5		4		4		4		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	5	Z.
	10				8	0	5	Am.
	12				8	0	4	Am.
	14				8	0	3	Am., Ne.
	15				8	0	4	Am.
2	9	26.8	11.4	1.25	0	5	4	Ne.
	10	31.6	13.4	1.48	0	5	5	
	12	36.3	18.0	1.49	7	3	5	
	14	32.5	16.5	1.30	0	5	5	
	15	29.0	12.4	1.35	0	5	5	
3	9	16.2	10.5	0.46	7	1	5	
	10	31.4	15.8	1.27	7	2	5	
	12	30.0	14.3	1.27	7	3	5	
	14	28.0	16.7	0.92	7	2	5	
	15	21.0	14.5	0.53	5	2	5	
4	9				8	0	2	Am., N.
	10				8	0	3	Am., Ne.
	12	38.1	19.4	1.52	0	5	5	
	14	36.6	19.3	1.41	0	5	5	
	15	34.0	18.0	1.30	0	5	5	
5	9	28.2	10.6	1.43	2	5	5	
	10	32.7	14.0	1.52	2	5	5	
	12	36.5	17.8	1.52	1	5	5	
	14	32.7	17.6	1.23	3	5	5	
	15	27.7	15.2	1.02	8	4	4	Ne.
6	9	28.9	12.6	1.33	0	5	5	
	10	33.9	16.0	1.46	0	5	5	
	12	37.8	18.2	1.59	0	5	5	
	14	38.0	20.4	1.43	1	5	5	
	15	34.4	19.3	1.23	2	5	5	
7	9	15.8	11.0	0.39	7	2	5	
	10	21.6	14.0	0.62	7	1	5	
	12	19.3	13.1	0.50	7	2	5	
	14	34.5	21.2	1.08	7	3	5	
	15	19.0	16.2	0.23	8	0	5	
8	9	28.3	14.4	1.13	8	4	1	N.
	10	34.0	17.9	1.31	5	4	1	Ne.
	12	28.3	18.7	0.78	6	1	4	B.
	14	25.1	16.8	0.67	6	3	4	B.
	15	29.7	18.6	0.90	8	4	3	B.
9	9				8	0	1	N., Am.
	10	14.9	11.8	0.25	8	0	2	N.
	12	17.8	12.0	0.47	8	0	2	N.
	14	15.7	13.1	0.21	8	0	2	Ne.
	15	14.1	12.6	0.12	8	0	3	Ne.
10	9				8	0	1	Am.
	10				8	0	2	Am.
	12	14.1	12.0	0.17	8	0	1	N.
	14	20.8	15.8	0.41	7	0	4	Ne.
	15	18.5	15.6	0.24	8	0	5	
11	9	28.0	13.2	1.20	0	5	3	Ne.
	10	34.2	15.7	1.50	0	5	4	Ne.
	12	36.4	18.1	1.49	0	5	3	N.
	14	31.4	20.2	0.91	0	5	4	Ne.
	15	33.9	18.7	1.24	0	5	5	
12	9	13.5	11.9	0.13	8	0	3	N.
	10	14.3	12.6	0.14	8	0	3	N.
	12	18.1	14.7	0.28	8	0	3	N.
	14	19.6	16.1	0.28	8	0	5	
	15	21.4	17.4	0.32	8	0	4	
13	9	18.1	16.1	0.16	8	0	2	N.
	10	19.0	16.3	0.22	8	0	2	N.
	12				8	0	2	N., Am.
	14	20.5	17.9	0.21	8	0	4	B.
	15	18.6	17.6	0.08	8	0	5	
14	9	25.2	14.2	0.88	6	2	5	
	10	34.0	17.0	1.38	4	3	5	
	12	36.0	18.4	1.43	2	5	5	
	14	33.3	17.6	1.28	2	5	5	
	15	31.1	16.4	1.20	1	5	5	
15	9	25.5	9.4	1.31	0	5	3	Ne.
	10	30.4	12.7	1.44	0	5	4	Ne.
	12	35.8	16.6	1.56	0	5	4	Ne.
	14	33.2	15.4	1.45	2	5	4	B.
	15	30.5	14.5	1.30	1	5	4	B.
16	9	10.6	7.4	0.26	8	0	1	N.
	10	13.8	8.8	0.41	8	0	4	Ne.
	12	33.3	16.0	1.41	7	4	5	
	14	30.5	16.4	1.15	7	4	5	
	15	32.0	16.1	1.29	4	5	5	
17	9	24.7	12.8	0.97	4	3	5	
	10	35.7	18.0	1.44	2	5	5	
	12	28.1	17.0	0.90	7	2	5	
	14	24.0	18.0	0.49	6	0	5	
	15	27.0	18.5	0.69	6	3	5	
18	9	12.0	10.4	0.13	8	0	3	Ne.
	10	30.9	15.6	1.24	1	4	2	N.
	12	35.2	18.5	1.36	1	4	2	Ne.
	14	33.9	18.9	1.22	0	5	2	B.
	15	30.0	17.1	1.05	1	4	3	B.
19	9	26.0	14.1	0.97	2	4	4	B.
	10	31.0	16.5	1.18	1	5	3	B.
	12	35.0	19.5	1.26	0	5	4	B.
	14	33.6	18.6	1.22	0	5	4	B.
	15	30.0	18.7	0.92	5	4	4	B.
20	9	10.8	8.8	0.16	8	0	2	N.
	10	11.9	9.6	0.19	8	0	2	N.
	12	24.3	14.7	0.78	7	1	4	B.
	14	23.7	14.6	0.74	6	3	5	
	15	17.9	14.0	0.32	8	0	5	
21	9				8	0	1	Am.
	10				8	0	1	Am.
	12	19.1	14.8	0.35	8	0	3	Ne.
	14				8	0	3	Am.
	15				8	0	2	Z.
22	9				8	0	3	Z., Ne.
	10				8	0	4	Am., Ne.
	12	19.1	14.8	0.35	8	0	5	
	14	17.0	13.9	0.25	8	0	5	
	15	13.3	12.1	0.10	8	0	5	
23	9	27.0	10.4	1.35	0	5	5	
	10	31.7	13.2	1.50	0	5	5	
	12	36.5	17.3	1.56	0	5	5	
	14	35.0	17.6	1.41	0	5	5	
	15	30.9	16.4	1.18	0	5	5	
24	9	29.5	12.9	1.35	0	5	5	
	10	34.6	16.2	1.50	0	5	5	
	12	37.2	18.7	1.50	0	5	5	
	14	36.4	19.5	1.37	0	5	5	
	15	34.1	18.6	1.26	0	5	5	
25	9	23.5	14.0	0.77	0	5	3	Ne
	10	36.1	18.3	1.45	0	5	4	B.
	12	38.5	21.0	1.42	0	5	5	
	14	37.9	20.7	1.40	0	5	5	
	15	31.5	19.2	1.00	3	4	5	
26	9	29.0	14.1	1.21	2	5	5	
	10	35.1	17.2	1.46	3	5	5	
	12	38.2	20.4	1.45	2	5	5	
	14	36.9	20.7	1.32	1	5	5	
	15	35.1	18.5	1.35	0	5	5	
27	9	30.7	16.1	1.19	0	5	5	
	10	35.0	18.5	1.34	0	5	5	
	12	34.3	20.4	1.13	2	3	5	
	14	38.1	22.0	1.31	2	5	5	B.
	15	35.5	21.5	1.14	1	5	5	
28	9	15.6	13.1	0.20	8	0	2	N.
	10	19.3	15.2	0.33	8	0	3	Ne.
	12	25.0	16.7	0.67	8	0	4	B.
	14	15.4	13.3	0.17	8	0	5	
	15	15.9	13.2	0.22	8	0	4	
29	9	10.0	9.4	0.05	8	0	4	Ne.
	10	12.1	10.3	0.15	8	0	4	Ne.
	12	13.5	11.2	0.19	8	0	4	Ne.
	14	11.5	11.1	0.03	8	0	5	
	15				8	0	5	Am.
30	9	12.0	7.3	0.38	7	1	5	
	10	11.0	8.0	0.24	8	0	5	
	12	13.2	9.3	0.32	8	0	5	
	14	27.2	15.1	0.98	3	3	5	
	15	24.6	14.0	0.86	3	3	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1										0.3					0.3	9.9	03
2				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			7.8	9.9	79
3				0.2	0.5	1.0	1.0	1.0	1.0	0.9	0.1				5.7	9.9	58
4						0.5	0.5	1.0	1.0	1.0	1.0	0.6			6.1	9.9	62
5			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.8	9.9	89
6				0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			7.5	9.9	76
7				0.5	0.4	0.3	0.3	0.9	0.8	0.1					3.3	9.8	34
8				0.9	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.2			7.9	9.8	81
9															0.0	9.8	00
10															0.0	9.8	00
11			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.4	9.8	86
12															0.0	9.8	00
13															0.0	9.8	00
14			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.3	9.8	85
15				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	9.8	86
16				0.2		0.3	1.0	1.0	1.0	1.0	1.0	0.2			5.7	9.8	58
17				0.5	1.0	1.0	0.8	1.0	0.7	0.9					5.9	9.8	60
18				0.2	0.4	1.0	0.7	1.0	1.0	1.0	0.8	0.1			6.2	9.8	63
19				0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.1			6.6	9.8	67
20							0.5	1.0	1.0	0.4	0.1				3.0	9.8	31
21															0.2	9.8	00
22															0.0	9.8	00
23			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.8	9.8	90
24			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.8	9.8	90
25				1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7				7.7	9.8	79
26			0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	9.8	86
27			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.3	9.8	85
28							0.3	0.3							0.6	9.8	06
29															0.0	9.8	00
30				0.9	0.2	0.1	0.1	0.9	1.0	0.9	1.0	0.5			5.6	9.8	57
31																	
Medias			0.0	0.4	0.5	0.6	0.6	0.7	0.7	0.6	0.5	0.2			4.8	9.8	50

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	13.7	13.8	13.8	13.3	13.4	13.3	12.5	12.4	12.4	13.2	13.1	13.0	15.8	15.8	15.8
2	11.1	14.0	12.8	11.4	12.6	12.6	11.5	11.6	11.8	12.6	12.5	12.5	15.7	15.6	15.5
3	10.9	13.8	13.8	11.1	12.5	13.0	11.1	11.2	11.7	12.3	12.0	12.3	15.4	15.3	15.2
4	12.6	14.6	13.0	12.0	13.2	13.0	11.6	11.7	12.0	12.4	12.4	12.6	15.2	15.3	15.3
5	9.8	13.0	12.0	10.5	11.7	11.9	11.0	10.9	11.2	12.3	12.0	12.0	15.4	15.2	15.0
6	9.3	13.2	12.1	9.8	11.4	11.8	10.2	10.2	10.8	11.5	11.2	11.3	14.8	14.7	14.5
7	10.7	13.9	13.2	10.7	12.2	12.7	10.3	10.8	11.4	11.4	11.4	11.6	14.5	14.5	14.5
8	11.0	13.8	13.0	11.0	12.5	12.6	10.7	10.9	11.4	11.7	11.6	11.7	14.6	14.6	14.5
9	12.6	13.8	13.8	12.3	12.8	13.0	11.3	11.4	11.6	12.0	11.8	12.0	14.7	14.6	14.7
10	13.4	14.5	14.1	12.7	13.4	13.5	11.6	11.9	12.3	12.2	12.3	12.4	14.8	14.9	14.9
11	11.8	14.4	13.3	11.9	12.9	13.0	11.5	11.6	12.0	12.2	12.2	12.4	14.9	15.0	14.9
12	11.9	13.4	14.1	11.7	12.5	13.2	11.2	11.2	11.6	12.1	11.9	12.0	14.9	14.8	14.7
13	13.8	15.4	15.4	13.1	14.0	14.3	11.9	12.1	12.4	12.3	12.4	12.6	14.9	14.9	15.0
14	14.8	15.5	13.5	14.0	14.3	13.6	12.6	12.8	12.7	13.0	13.1	13.0	14.2	15.4	15.4
15	9.8	12.3	11.1	10.6	11.4	11.4	11.1	10.6	10.8	12.3	11.8	11.7	15.2	15.0	14.6
16	9.4	12.2	11.5	9.7	10.9	11.2	10.0	10.0	10.2	11.3	11.0	11.2	14.5	14.3	14.2
17	10.8	13.6	13.7	10.6	11.9	12.6	10.2	10.4	11.0	11.3	11.0	11.3	14.2	14.1	14.1
18	12.8	14.5	13.2	12.3	13.0	12.9	11.2	11.4	11.6	11.6	11.8	12.0	14.2	14.4	14.4
19	13.0	14.8	13.4	12.5	13.3	13.2	11.5	11.6	11.8	12.1	12.0	12.1	14.6	14.5	14.6
20	10.4	12.8	13.0	10.8	11.7	12.3	10.9	10.8	11.2	13.8	13.6	11.7	14.7	14.6	14.5
21	13.1	14.5	14.7	12.6	13.3	14.0	11.2	11.7	14.2	11.7	12.0	12.2	14.4	14.5	14.6
22	14.6	14.8	14.0	13.6	13.9	13.5	12.3	12.3	12.4	12.4	12.6	12.6	14.7	14.9	15.6
23	11.1	13.3	12.0	11.4	12.1	12.0	11.3	11.1	11.2	12.2	12.0	11.8	14.8	14.7	14.6
24	10.1	13.1	12.2	10.4	11.6	11.9	10.3	10.5	10.8	11.4	11.3	11.4	14.4	14.4	14.2
25	9.8	13.2	12.8	10.1	11.6	12.1	10.1	10.2	11.8	11.1	11.1	11.2	14.2	14.1	14.0
26	11.3	13.8	12.8	11.1	12.0	12.4	10.5	10.6	11.1	11.3	11.2	11.4	14.0	14.0	14.0
27	12.0	14.1	14.3	11.5	12.9	13.4	10.8	11.0	11.6	11.4	11.4	11.7	14.1	14.1	14.1
28	13.5	14.6	13.7	12.9	13.5	13.2	11.7	11.8	11.9	12.0	12.1	12.2	14.4	14.5	14.5
29	12.4	12.6	12.5	12.0	12.1	12.1	11.3	11.2	11.2	12.0	11.8	11.8	14.5	14.5	14.4
30	10.8	12.0	11.2	10.9	11.3	11.1	10.6	10.5	10.5	11.4	11.3	11.2	14.2	14.2	14.0
31															
Prom.	11.7	13.8	13.1	11.6	12.5	12.7	11.1	11.2	11.6	12.0	11.9	12.0	14.7	14.7	14.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1	27.4	31.0	28.8	30.4	2	0.1	0.2	0.2	0.5	M.16	-	-	-			9393
2	0.0	0.4	0.0	0.0	2	0.1	0.4	0.3	1.0							9368
3					2	0.3	0.6	0.4	1.1							9381
4					2	0.1	0.8	0.7	1.8							9376
5					2	0.3	0.7	0.6	1.3							9378
6					1	0.0	0.7	0.5	1.3	M.17	21.6	21.0	23.6			9381
7					1	0.1	0.5	0.4	1.0							9388
8					1	0.1	0.5	0.3	0.9							9389
9					1	0.1	0.0	0.0	0.1							9396
10					1	0.1	0.0	0.1	0.1							9399
11					1	0.0	0.6	0.4	1.2	M.18	22.3	21.7	25.6			9303
12					1	0.2	0.1	0.2	0.4							9413
13					1	0.1	0.0	0.2	0.3							9415
14	0.0	0.0	0.0	0.0	1	0.1	0.7	0.6	1.5							9411
15					1	0.2	0.7	0.4	1.2							9425
16					1	0.1	0.5	0.6	1.5	M.19	22.1	20.7	24.3			9431
17					1	0.4	0.6	0.4	1.3							9435
18					1	0.3	0.5	0.4	1.1							9443
19					1	0.2	0.6	0.5	1.1							9456
20					0	0.0	0.3	0.4	0.8							9455
21	0.0	0.3	0.0	0.0	2	0.1	0.1	0.0	0.2							9466
22	17.7	16.3	15.5	14.3	2	0.1	0.1	0.2	0.6							9453
23	0.0	0.0	0.0	0.0	1	0.3	0.8	0.8	2.2	M.20	23.7	21.8	23.8	23.8	18.6	9453
24					1	0.6	0.9	0.7	1.6							9454
25					1	0.0	1.5	0.2	2.8							9440
26					1	1.1	1.1	0.6	1.9	M.21	22.7	21.8	23.0			9454
27					1	0.2	0.7	0.5	1.3							9456
28					1	0.1	0.2	0.1	0.6							9466
29					1	0.3	0.1	0.2	0.6							9466
30	0.0	0.0	0.0	0.0	1	0.3	0.5	0.5	1.2							9474
31																
Prom.	45.1	48.0	44.3	44.7	-	0.2	0.5	0.4	1.1	-	-	-	-	-	-	9421

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
15.1	15.1	15.1	17.1	17.1	17.1	19.5	19.8	10.6	Cn. m. t. y n., Ne. t.
15.0	15.0	14.8	16.8	16.7	16.7	19.5	19.8	- 0.6	Ca. m. t. y n., N. m., r. n.
14.6	14.6	14.6	16.3	16.6	16.5	19.4	19.8	0.2	Cn. m. t. y n.
14.5	14.6	14.6	16.6	16.6	16.6	19.4	19.8	3.4	Ca. m. t. y n., Cn. m., N. m., r. m. y n.
14.6	14.6	14.4	16.2	16.3	16.2	19.3	19.8	- 2.7	Ca. m. t. y n., Ne. m. y t., r. n., h. m.
14.2	14.2	14.0	15.6	15.7	16.0	19.1	19.8	- 2.4	Ca. m. t. y n., h. m., N. m., r.Ne. n.
14.0	14.0	14.0	16.0	16.0	16.0	19.1	19.8	1.7	Cn. m. y t., Ca. n., B. m., r. n.
13.9	13.9	13.7	15.8	15.8	15.7	19.0	19.8	0.5	Cn. m. y t., Ca. n., N. m., B. t., r.Ne. n.
14.0	13.9	13.9	15.8	15.8	15.8	19.0	19.6	3.6	Cn. m. t. y n., N. m., Ne. t., r. n.
14.0	14.1	14.1	15.8	15.8	15.8	18.9	19.7	10.6	Cn. m. y t., Ca. n., N. m. y n., Ne. t., r. n.
14.1	14.2	14.1	15.7	15.7	15.7	18.9	19.6	0.5	Ca. m. t. y n., N. m., Ne. t., r. n.
14.1	14.1	14.1	15.6	15.7	15.7	18.7	19.6	1.4	Cn. m. t. y n., r. m. y n., B.Ne. n.
14.1	14.1	14.2	15.7	15.7	15.8	18.6	19.6	7.1	Cn. m. y t., Ca. n., N. m., B. t., r.Ne. n.
14.3	14.4	14.3	15.7	15.7	15.6	18.6	19.5	9.9	Cn. m., Ca. t. y n., r. m. y n.
14.6	14.4	14.1	15.4	15.5	15.4	18.6	19.6	- 5.3	Ca. m. t. y n., h. m., B. t., r.Ne. n.
14.0	13.8	13.6	15.2	15.2	15.2	18.5	19.5	-	Cn. m. y t., Ca. n., N. m., r. n.
13.5	13.5	13.4	15.3	15.4	15.3	18.5	19.5	4.4	Ca. m., Cn. t. y n., r. m.
13.5	13.5	13.7	15.3	15.3	15.3	18.4	19.4	7.9	Cn. m. y n., Ca. t., Ne. m., r. m. y n,B.t.y n.
13.8	13.9	13.8	15.3	15.3	15.3	18.3	19.4	5.4	Cn. m., Ca. t. y n., r. m. y n., B. t.
13.9	13.9	13.8	15.0	15.1	15.0	18.3	19.4	- 1.2	Cn. m. y t., Ca. n., N. m.
13.7	13.6	13.6	15.2	15.4	15.4	18.1	19.3	7.3	Cn. m. t. y n., N. m., Ne. t. y n., LL. n.
13.9	13.9	13.8	15.2	15.2	15.1	18.0	19.4	-	Cn. m. t. y n., Ne. m., Z. m.
13.9	13.9	13.8	15.0	15.1	15.1	18.0	19.2	0.7	Ca. m. t. y n., r. m. t. y n.
13.7	13.6	13.1	14.9	15.0	15.0	18.0	19.1	- 0.5	Ca. m. t. y n., r. m. t. y n.
13.3	13.3	13.2	14.8	14.9	14.8	17.9	19.1	- 0.5	Ca. m. y t., Cn. n., r. m., Jl. n.
13.2	13.2	13.1	14.9	14.8	14.7	17.9	19.1	5.5	Ca. m. t. y n., r. m. y n., B. n.
13.2	13.2	13.3	14.7	14.8	14.8	17.8	19.1	4.0	Ca. m. y t., Cn. n., r. m. t. y n., B. t.
13.5	13.5	13.6	14.9	14.9	14.8	17.8	19.0	7.5	Cn. m. y t., Ca. n., N. m., r. m. t. y n.
13.6	13.6	13.6	14.7	14.7	14.7	17.7	19.0	3.1	Cn. m. t. y n., Ne. m., r. m.
13.5	13.4	13.4	14.5	14.6	14.7	17.7	19.0	2.1	Ca. m. t. y n., r. m. t. y n.
14.0	14.0	13.9	15.5	15.6	15.5	18.6	19.5	3.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	61.2	65.1	8	9-10	54.7	1	4-5	10.3	15.0	6.2	17.6	7	14	2.4	6	1	4.7	9.9	48
2ª	59.5	65.7	11	9	54.5	13,14	17-18,4-5	10.8	15.4	6.0	17.7	19	15	0.5	15	6,7	5.2	9.8	54
3ª	59.0	63.2	25	10	56.3	26	15-16	11.0	15.2	7.3	19.4	27	15	4.4	25	6	4.8	9.8	49
MES	59.9	65.7	11	9	54.5	13,14	17-18,4-5	10.7	15.2	6.5	19.4	27	15	0.5	15	6,7	4.8	9.8	50

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	89	100	Varios	45	5	8.2	11.3	4.6	NE	8	24	3	20	3	11-12	25	SW	1	13.49	31.4	31.0	1	-	-	-
2ª	88	100	Varios	43	15	8.4	14.0	3.4	NE	10	48	17	34	17	3-4	44	N	17	3.08	-	-	-	-	-	-
3ª	85	100	21	41	23	8.3	13.0	4.8	NE	13	36	26	24	26	11-12, 12-13	31	N	26	11.27	16.6	16.3	22	6.0	21	17-18
MES	87	100		41	23	8.3	14.0	3.4	NE	10	48	17	34	17	3-4	44	N	17	3.08	48.0	31.0	1	6.0	21	17-18

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	3	6	6	-	-	-	-	1	-	-	-	-	-	-	-	-
2ª	7	5	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
3ª	8	2	3	2	-	-	-	1	1	-	-	-	-	-	-	-	-
MES	21	10	14	11	1	-	-	1	2	-	-	-	-	-	-	-	-

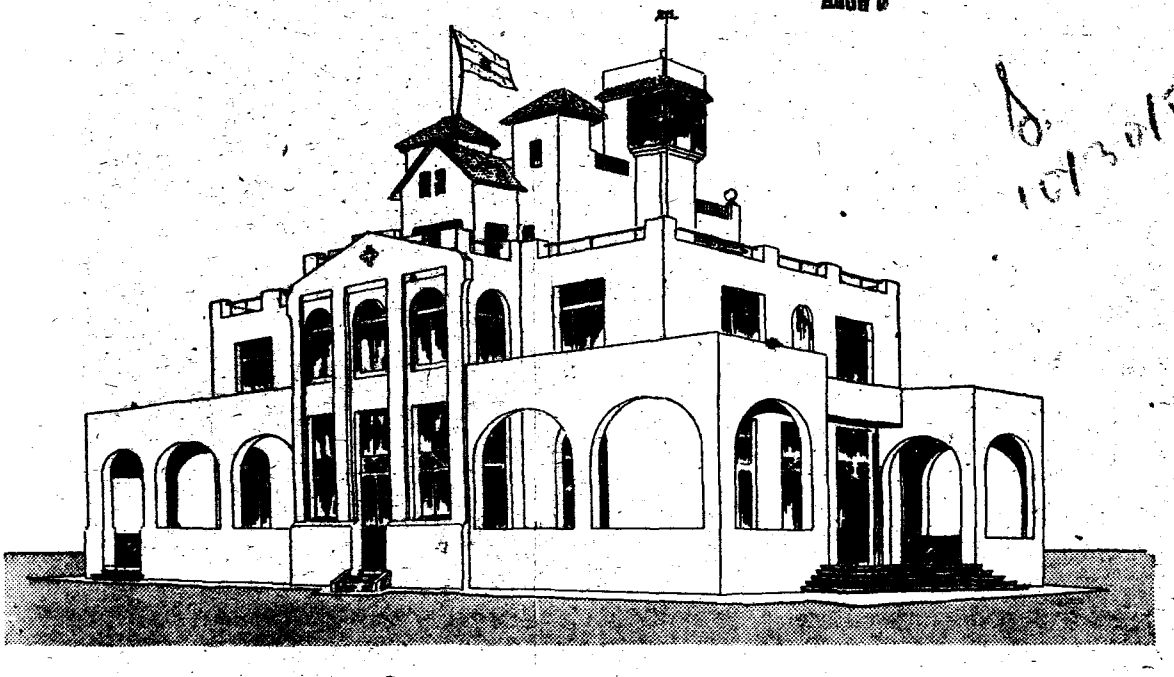
DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	7	2	-	-	-	-	-	-	-	-	-	4	6	-	-	-
2ª	9	1	-	-	-	-	-	-	-	-	-	4	6	-	-	-
3ª	7	-	-	-	-	-	1	-	-	-	-	3	7	-	-	-
MES	23	3	-	-	-	-	1	-	-	-	-	11	19	-	-	-

c.2

OBSERVATORIO DE FISICA COSMICA
DE
SAN MIGUEL (R. ARGENTINA)

Lat. S. 34° 33'; Long. W. de G. 58° 44'; Alt. 27.4 m.

AMERICAN GEOPHYSICAL UNION
REC'D ANSW'D OCT 18 1951



BOLETIN MENSUAL

VOLUMEN V

AÑO 1950

JULIO - AGOSTO - SETIEMBRE

Dirección: OBSERVATORIO - San Miguel (F.C.N.G.S.M.) - ARGENTINA

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V JULIO 1950 Nº. 7

RESUMEN MENSUAL

El mes se inicia bueno y frío; con aire de origen polar el 1º por la mañana la temperatura de la superficie terrestre marca -6.2ºC. Estas condiciones se mantienen los primeros cuatro días. Aeromasas del norte aumentan el 5 y el 6 la nubosidad y temperatura; en la noche del 7 un empuje de aire frío y seco hace descender nuevamente la temperatura; la tensión del vapor registra el mismo día su valor mínimo mensual con 3.6 mm. Con el pasaje de dicho frente anótase la única lluvia en la primera mitad del mes. Pronto se restablece el buen tiempo el que se mantiene casi hasta el 15. A raíz de un nuevo frente frío la columna térmica acusa el 10 su valor mínimo mensual con -1.1ºC.

Vientos del N provocan el día 12 temperaturas superiores a la normal. En los días subsiguientes con un continuo aflujo de aire cálido y húmedo llega el 16 hasta 24.1ºC, valor excepcionalmente alto para esta época del año. Al mismo tiempo registran la presión y tensión del vapor sus extremas mensuales con 750.4 mm y 15.0 mm respectivamente. El día 16 por la noche una corriente de aire más fresco desplaza por corto tiempo el aire tropical ambiente; la temperatura permanece estacionaria, superior a la normal con buen tiempo. El nuevo avance de aire tropical desde el N se hace notar el 19 formándose una extensa zona lluviosa. En el límite entre éste y el aire polar marítimo llueve hasta el 21 por la noche con breves interrupciones, registrándose un total de 60.0 mm.

A consecuencia de un empuje de aire frío reina el 23 y 24 tiempo bueno y seco. Con vientos leves del sector N aumenta la nubosidad y temperatura, lloviznando en los días 25 y 26. Con la llegada de masas de aire frío se restablece el estado de tiempo típicamente invernal; el 31 la temperatura máxima del día alcanza sólo a 8.0ºC. Este día se registra también la presión más alta del mes con 767.8 mm.

El frecuente cambio del tiempo equilibra los promedios mensuales, no observándose desviaciones mayores respecto a la normal; sólo las lluvias sobrepasan en 40.0 mm su término medio.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	70	67	72	72	70	67	72	70	121	126	128	116	131	136	136
2	24	36	39	48	42	31	14	6	21	48	68	80	131	141	146
3	61	58	34	18	34	39	10	7	34	56	91	113	138	106	116
4	56	50	36	31	36	24	14	21	71	106	118	128	141	131	148
5	93	58	66	-11	42	80	- 6	24	7	80	153	160	148	133	160
6	93	88	93	48	98	91	123	103	78	59	76	14	-52	-167	-132
7	97	83	83	83	78	78	83	80	143	163	163	148	150	143	136
8	212	185	197	146	160	185	200	160	234	222	143	175	205	239	190
9	141	118	128	78	68	80	21	80	24	71	93	111	106	116	116
10	116	118	121	133	190	190	286	129	129	185	153	170	141	136	131
11	143	133	121	141	138	121	14	116	31	131	128	136	103	126	175
12	28	4	14	14	- 6	10	18	24	76	126	146	155	155	155	133
13	67	61	61	71	77	93	73	52	61	83	83	77	89	91	95
14	35	17	12	16	21	28	26	21	37	32	30	19	9	7	9
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	43	50	46	43	39	39	41	28	35	50	41	46	59	56	87
18	17	10	7	17	14	10	17	57	63	93	83	30	69	57	65
19	69	46	52	65	±∞	30	17	14	9	±∞	±∞	7	14	-	-
20	101	93	59	59	50	43	14	43	35	34	48	67	85	89	89
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	32	37	50	77	73	57	43	65	69	63	111	111	103	77	97
23	10	10	7	7	9	9	12	28	48	59	75	91	93	97	102
24	91	81	78	85	90	69	74	19	121	173	197	181	149	177	179
25	9	10	14	21	10	9	3	10	30	2	14	14	17	17	39
26	39	44	50	46	46	50	54	61	81	93	103	97	83	65	77
27	-	-	-	-	-	-	67	81	67	73	44	61	-	-	-
28	67	63	63	73	67	61	65	65	83	107	111	113	109	97	93
29	89	65	81	56	48	65	48	41	46	56	82	127	156	147	96
30	74	69	70	56	48	50	32	43	75	87	87	72	70	65	69
31	63	71	65	96	92	65	59	72	34	65	41	74	75	82	87
Prom.	89.4	81.6	81.9	80.9	82.9	82.3	69.7	69.9	74.4	107.3	107.9	115.6	115.5	115.4	116.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	6.00	7.36	13.36	0.82	10.87	10.79	21.66	1.01	0.72	0.89	1.61	0.81	1.18	1.24	2.42	0.95
2	4.11	3.86	7.97	1.06	7.12	9.13	16.25	0.78	0.57	0.48	1.05	1.19	1.05	1.12	2.17	0.94
3	3.65	4.21	7.86	0.87	8.38	8.59	16.97	0.97	0.49	0.52	1.01	0.94	1.08	1.03	2.11	1.04
4	10.74	11.21	21.95	0.96	9.68	7.94	17.62	1.20	1.12	1.17	2.29	0.96	0.91	0.82	1.73	1.11
5	7.20	7.85	15.05	0.91	7.97	8.14	16.11	0.98	0.74	0.78	1.52	0.95	1.17	1.09	2.26	1.07
6	8.06	12.88	20.94	0.63	9.13	12.15	21.28	0.75	0.19	0.14	0.33	1.36	0.73	0.60	1.33	1.22
7	7.68	8.73	16.41	0.88	9.96	10.78	20.74	0.92	0.82	0.83	1.65	0.99	1.08	1.25	2.33	0.86
8	4.83	4.38	9.21	1.10	3.90	3.86	7.76	1.02	0.60	0.56	1.16	1.07	0.58	0.32	0.90	1.81
9	7.43	7.61	15.04	0.98	8.39	9.29	17.68	0.92	0.65	0.81	1.16	0.80	0.94	0.93	1.87	1.01
10	5.85	6.29	12.14	0.93	4.43	9.30	13.73	0.48	0.67	0.65	1.32	1.03	0.65	0.79	1.44	0.82
11	8.91	8.17	17.08	1.09	4.17	5.41	9.58	0.76	0.93	0.94	1.87	0.99	0.68	0.82	1.50	0.83
12	2.72	3.18	5.90	0.84	5.92	6.01	11.93	0.99	0.38	0.42	0.80	0.90	0.84	0.86	1.70	0.98
13	7.06	6.74	13.80	1.04	9.78	8.60	18.38	1.13	0.84	0.88	1.72	0.95	1.18	1.03	2.21	1.14
14	7.22	8.67	15.89	0.83	4.56	4.41	8.97	1.03	0.87	1.01	1.88	0.86	0.48	0.47	0.95	1.02
15	6.76	8.07	14.83	0.83	4.19	8.90	13.09	0.47	0.86	0.92	1.78	0.93	0.45	0.88	1.33	0.51
16	6.40	7.29	13.69	0.88	6.63	8.33	14.96	0.79	0.86	0.83	1.69	1.04	0.84	0.79	1.63	1.06
17	6.82	7.58	14.40	0.89	4.75	5.44	10.19	0.88	0.77	0.85	1.62	0.90	0.59	0.79	1.38	0.75
18	0.88	1.10	1.98	0.80	2.18	2.83	5.01	0.78	0.07	0.15	0.22	0.47	0.28	0.29	0.57	0.97
19	-	-	-	-	-	-	-	-	0.57	0.41	0.98	1.39	1.41	0.90	2.31	1.47
20	9.86	10.10	19.96	0.97	1.27	2.11	3.38	0.45	1.33	1.36	2.69	0.98	0.22	0.21	0.43	1.05
21	-	-	-	-	9.42	10.01	19.43	0.93	-	-	-	-	1.04	1.01	2.05	1.03
22	3.64	8.78	12.42	0.41	6.74	6.62	13.36	1.01	0.45	0.71	1.16	0.63	0.94	0.82	1.76	1.15
23	7.26	5.59	12.85	1.30	6.40	7.25	13.65	0.88	0.80	0.68	1.48	1.18	0.74	0.82	1.56	0.90
24	4.32	4.25	8.57	1.02	7.37	7.86	15.23	0.93	0.52	0.47	0.99	1.11	0.84	1.05	1.89	0.80
25	6.71	8.27	14.98	0.81	9.37	7.58	16.95	1.22	0.73	0.82	1.55	0.89	0.92	0.95	1.87	0.97
26	5.98	5.62	11.60	1.07	10.74	10.33	21.07	1.04	0.66	0.64	1.30	1.03	1.54	1.26	2.80	1.22
27	3.85	3.77	7.62	1.02	5.84	5.40	11.24	1.10	0.30	0.25	0.55	1.20	0.80	0.81	1.61	0.99
28	5.47	5.18	10.65	1.06	7.02	5.58	12.60	1.26	0.71	0.69	1.40	1.03	1.01	0.87	1.88	1.16
29	1.75	2.01	3.76	0.85	6.94	7.10	14.04	0.98	0.24	0.23	0.47	1.04	0.92	1.01	1.93	0.91
30	6.96	7.91	14.87	0.88	7.78	9.68	17.46	0.81	0.87	0.93	1.80	0.94	1.09	1.15	2.24	0.95
31	3.62	3.38	7.00	1.07	8.87	8.88	17.75	0.99	0.28	0.38	0.66	0.74	0.82	0.92	1.74	0.89
Prom.	5.92	6.56	12.48	0.90	6.99	7.61	14.60	0.92	0.65	0.68	1.33	0.96	0.87	0.87	1.74	1.00

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
146	180	116	48	28	34	28	28	21	86.8	200	10	190	0
165	170	133	103	66	73	48	31	34		205	-11	216	1
133	83	34	24	42	18	39	39	66		210	-38	248	2
148	148	178	158	155	131	126	123	146	101.0	215	4	211	0
195	200	237	76	101	106	103	103	103		279	-160	439	2
88	-49	39	38	46	35	35	80	90		160	-∞	-	2
148	108	173	197	289	299	244	225	217	150.4	321	20	301	0
252	∞	254	183	173	136	131	123	131		∞	76	-	3*
136	148	143	150	131	131	123	121	116	106.2	234	-181	415	1
155	165	197	205	148	148	160	165	175	160.2	478	101	377	0
234	122	52	53	91	121	123	123	118	116.4	284	-76	360	1
225	249	284	244	188	130	140	134	136		314	-52	366	2
107	107	149	115	113	91	65	50	54	82.7	197	32	165	0
21	35	28	23	24	17	9	10	12		59	-14	63	2
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
97	89	169	∞	∞	73	111	24	30		∞	- 8	-	3*
∞	169	∞	∞	113	35	54	73	67		∞	-48	-	3*
-	-	-	-	35	16	10	24	26		∞	-∞	-	3*
50	50	105	52	71	16	21	-	-		193	-58	251	2*
-	48	67	17	28	52	57	43	26		121	- 8	129	1*
67	87	35	28	23	30	28	21	17		161	-32	193	2
123	137	143	145	161	137	149	126	105		∞	00	-	0
165	174	∞	34	32	30	43	35	10		∞	-223	-	3*
44	65	56	43	41	48	56	54	50		119	-30	149	2
89	-	-	155	-	-	-	-	-		∞	32	-	0*
113	133	117	35	57	81	83	77	73		215	-70	285	1*
103	113	135	123	109	127	137	89	89	94.2	213	39	174	0
73	122	145	136	95	79	82	81	78	87.2	188	- 2	190	1
74	83	108	149	153	74	95	108	106	79.9	177	17	160	0
87	94	99	81	98	92	79	69	68	75.3	116	10	106	0
128.3	126.4	135.9	128.6	128.2	120.6	114.7	107.4	108.0	103.7				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
128	113	146	6.06	11.78	710	916	1626	0.78	1.38	-
71	63	165	2.20	11.94	591	507	1098	1.17	2.43	2.33
98	103	128	3.47	9.00	1016	861	1877	1.18	0.57	0.23
118	123	146	9.39	8.42	591	507	1098	1.17	2.08	2.33
155	160	207	8.11	15.59	607	687	1294	0.88	1.92	0.81
53	24	96	0.26	4.26	809	507	1316	1.60	2.80	2.33
163	150	150	8.25	11.65	1270	1186	2456	1.07	0.77	0.69
138	165	267	6.38	8.01	970	813	1783	1.19	1.26	0.98
91	106	136	5.16	8.48	914	1618	2532	0.56	0.86	1.77
150	185	160	8.14	7.68	970	1220	2190	0.80	0.75	0.64
128	128	239	7.98	11.95	710	1129	1839	0.63	0.54	0.72
155	168	212	4.48	12.01	645	612	1257	1.05	1.92	0.98
83	73	113	4.18	8.32	658	1132	1790	0.58	-	2.36
24	19	32	1.19	1.01	861	555	1416	1.55	2.13	-
	-	-	-	-	457	1020	1477	0.44	1.72	3.42
-	-	-	-	-	375	662	1037	0.56	2.70	2.38
37	46	99	2.48	4.55	914	702	1616	1.30	-	-
79	14	∞	0.10	-	109	306	415	0.36	-	1.30
∞	∞	∞	-	-	1322	1509	2831	0.88	3.87	2.04
54	67	34	6.01	0.49	1675	813	2488	2.06	1.17	0.49
-	-	35	-	2.39	1016	1832	2848	0.55	1.35	2.02
123	125	50	4.83	2.93	1616	865	2481	1.87	3.36	3.18
81	91	124	4.49	6.45	1069	1350	2419	0.79	0.56	0.62
217	187	169	6.17	10.64	700	662	1362	1.06	-	0.29
16	9	50	0.46	3.12	563	216	779	2.61	1.40	-
97	103	85	4.46	7.93	1079	964	2043	1.12	0.38	0.81
52	105	123	1.92	6.60	356	375	731	0.95	-	2.17
119	121	103	5.65	6.45	700	662	1362	1.06	0.89	0.42
102	135	78	2.12	5.02	631	484	1115	1.30	2.62	-
85	81	75	4.86	5.60	970	457	1427	2.12	1.91	-
54	72	87	1.58	5.05	151	320	471	0.47	-	3.81
99	101	123	4.46	7.31	807	821	1628	0.98	1.65	1.56

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 4.7	- 3.5	- 2.3	- 2.3	- 7.0	-11.7	- 5.8	- 5.8	-16.4	-18.7	-12.9	- 8.2	- 9.4
2	- 9.4	- 2.3	- 1.1	- 2.3	- 7.0	- 7.0	- 5.8	- 5.8	-10.5	- 9.4	- 7.0	- 9.4	- 5.8
3	- 5.8	- 1.2	1.1	- 1.2	- 8.2	- 9.4	- 9.4	- 8.2	-12.9	-11.7	- 9.4	- 1.2	- 5.8
4	6.8	- 1.2	2.3	2.3	- 3.5	- 5.8	-	-	-	-	- 7.5	- 7.5	- 6.1
5	1.9	3.8	3.8	1.9	- 6.1	- 6.1	- 4.5	- 1.5	- 6.1	- 7.1	- 6.1	1.5	- 4.5
6	3.8	1.9	1.9	1.9	- 9.0	-10.5	- 7.5	- 3.0	- 6.1	- 7.5	- 9.0	- 3.0	1.9
7	- 5.6	- 4.4	- 4.4	- 5.9	- 8.4	- 6.7	- 5.6	- 5.0	-12.0	-15.0	- 9.0	- 7.5	- 7.5
8	- 6.1	- 4.5	- 4.5	- 3.0	- 9.0	-12.0	- 7.5	- 6.1	-12.0	-13.5	- 4.5	- 3.0	- 3.0
9	- 3.0	11.6	- 4.5	- 1.5	- 3.0	- 3.0	- 4.5	- 4.5	- 6.1	- 4.5	- 1.5	- 1.5	- 6.1
10	- 5.6	5.0	3.3	4.4	- 3.9	- 7.2	-22.5	-16.5	-16.5	-12.0	-13.5	-10.5	-13.5
11	- 7.5	- 6.1	- 6.1	- 4.5	-10.5	-18.0	-12.0	-10.5	-12.0	-10.5	-13.5	-13.5	-16.5
12	17.3	- 7.5	- 1.5	- 1.5	- 7.5	- 9.0	- 1.5	- 1.5	- 3.0	-12.0	-15.0	-10.5	-10.5
13	- 1.5	1.9	9.6	3.8	- 6.1	- 7.5	- 6.1	- 1.5	-10.5	-13.5	-10.5	- 4.5	- 7.5
14	- 3.0	1.9	- 1.5	1.9	1.9	- 6.1	- 4.5	1.9	- 3.0	- 1.5	- 4.5	- 3.0	- 4.5
15	9.6	11.6	15.4	7.7	1.9	- 3.0	1.9	5.8	1.9	-10.6	- 5.6	- 5.6	- 2.8
16	1.9	9.6	13.5	13.5	7.7	3.8	7.7	3.8	1.9	- 1.5	- 3.0	- 3.0	1.9
17	3.8	7.7	5.8	9.6	1.9	- 1.5	- 1.5	- 1.5	- 3.0	- 6.1	- 1.5	1.9	1.9
18	1.9	5.8	13.5	9.6	- 3.0	- 4.5	- 4.5	- 3.0	- 7.5	- 9.0	- 3.0	- 1.5	- 1.5
19	3.8	5.8	9.6	9.6	- 3.0	- 4.5	3.8	3.8	- 4.5	- 6.1	3.8	1.9	5.8
20	- 4.5	- 4.5	1.9	3.8	- 6.1	- 9.0	- 4.5	- 7.5	-10.5	- 9.0	- 6.1	- 1.5	- 4.5
21	-21.0	-13.5	-10.5	-10.5	-16.5	-22.5	-21.0	-22.5	-34.5	-42.0	-37.6	-42.0	-
22	-36.0	-31.5	-24.0	-25.5	-33.0	-31.5	-21.0	-22.5	-31.5	-37.0	-21.0	-13.5	-18.0
23	-13.5	- 9.0	- 6.1	- 7.5	-15.0	-13.5	-10.5	-13.5	-16.5	-15.0	-12.0	-13.5	-10.5
24	-18.0	- 4.5	-13.5	- 9.0	-12.0	-21.0	-10.5	-19.5	-18.0	-19.5	-18.0	-12.0	-12.0
25	- 4.5	15.4	19.2	17.3	9.6	3.8	5.8	7.7	- 3.0	- 3.0	- 4.5	- 4.5	- 4.5
26	3.8	5.8	5.8	1.9	- 6.1	- 9.0	- 4.5	- 4.5	- 6.1	- 7.5	- 4.5	- 7.5	- 7.5
27	- 1.5	1.9	1.9	1.9	-10.5	- 9.0	- 9.0	- 7.5	-12.0	- 7.5	- 1.5	3.8	1.9
28	7.7	11.6	13.5	15.4	1.9	- 1.5	- 1.5	- 4.5	- 9.0	- 9.0	- 3.0	- 4.5	- 1.5
29	1.9	3.8	3.8	9.6	1.9	- 6.1	- 4.5	- 3.0	-10.5	-10.5	- 4.5	1.9	- 4.5
30	- 4.5	5.8	11.6	7.7	7.7	5.8	7.7	- 1.5	-10.5	- 6.1	- 7.5	- 3.0	- 6.1
31	- 3.0	5.8	5.8	5.8	- 1.5	- 3.0	1.9	1.9	- 3.0	- 7.5	- 4.5	- 7.5	- 3.0
Prom	- 3.0	0.7	2.0	1.8	- 5.2	- 7.9	- 5.4	- 5.2	-10.1	-11.5	- 8.3	- 6.2	- 5.4
Var.	3.4	5.7	4.4	4.6	1.2	- 1.5	1.0	1.2	- 3.7	- 5.1	- 1.9	0.2	1.0

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 7.1	- 4.3	- 5.7	- 8.5	-19.9	-22.7	-25.4	-19.9	-25.4	-31.8	-19.9	-17.0	-17.0
2	-14.2	- 8.5	- 8.5	- 7.1	- 8.5	- 9.9	- 9.9	-11.4	-15.6	-18.5	-17.0	-21.3	-15.6
3	- 7.1	- 2.8	- 4.3	- 5.7	-18.5	-19.9	-14.2	- 9.9	-18.5	-18.5	-11.4	-14.2	-14.2
4	- 5.7	- 4.3	- 5.7	- 4.3	-15.6	-21.3	-	-	-	-	-12.2	-12.2	-12.2
5	- 2.7	- 1.4	- 6.8	- 5.4	-17.7	-21.8	-13.6	-12.2	-13.6	- 9.5	-12.2	-15.0	-13.6
6	- 4.1	- 2.7	- 5.4	- 5.4	-15.0	-19.1	-21.8	-17.7	-15.0	-12.2	-12.2	-16.3	-15.0
7	- 5.4	- 4.1	- 5.4	- 9.5	-24.5	-25.9	-19.1	-20.4	-25.9	-25.9	-17.7	-17.7	-19.1
8	- 9.5	- 6.8	-10.9	-10.9	-19.1	-27.2	-25.9	-17.7	-23.1	-28.6	-19.1	-15.0	-15.0
9	- 8.2	- 5.4	- 2.7	- 4.1	- 6.8	- 9.5	-10.9	-16.3	-17.7	-19.1	-16.3	-20.4	-17.7
10	- 9.5	- 4.1	- 5.4	- 6.8	-16.3	-17.7	-19.1	-16.3	-16.3	-15.0	-16.3	-19.1	-16.3
11	- 5.4	- 5.4	- 6.8	- 6.8	-21.8	-25.9	-21.8	-16.3	-16.3	-16.3	-17.7	-20.4	-16.3
12	- 8.2	- 5.4	- 6.8	- 9.5	-23.1	-27.2	-21.8	-16.3	-21.8	-23.1	-20.4	-16.3	-16.3
13	- 4.1	- 4.1	- 8.2	- 6.8	-16.3	-21.8	-19.1	-13.6	-19.1	-19.1	-17.7	-20.4	-16.3
14	- 4.1	- 2.7	- 5.4	- 6.8	-16.3	-19.1	-19.1	-13.6	-17.7	-13.6	-16.3	-15.0	-16.3
15	- 6.8	- 4.1	- 6.8	- 5.4	-16.3	-20.4	-17.7	-	-	-	-	-	-
16	-12.2	- 5.4	- 6.8	- 6.8	- 6.8	- 9.5	- 9.5	-10.9	-12.2	-16.3	-15.0	-17.7	-16.3
17	- 8.2	- 4.1	- 5.4	- 5.4	-16.3	-23.1	-20.4	-15.0	-17.7	-19.1	-16.3	-17.7	-16.3
18	- 9.5	- 8.2	-12.2	- 9.5	-20.4	-25.9	-23.1	-17.7	-20.4	-23.1	-16.3	-19.1	-19.1
19	- 5.4	- 6.8	- 9.5	- 9.5	-21.8	-21.8	-17.7	-19.1	-23.1	-19.1	-16.3	-16.3	-19.1
20	-10.9	- 6.8	-15.0	- 9.5	-21.8	-28.6	-20.4	-17.7	-20.4	-17.7	-19.1	-19.1	-20.4
21	- 9.5	- 8.2	-10.9	-10.9	-20.4	-31.3	-23.1	-23.1	-21.8	-27.2	-23.1	-27.2	-28.6
22	-15.0	-12.2	-15.0	-13.6	-20.4	-28.6	-20.4	-17.7	-23.1	-28.6	-17.7	-20.4	-19.1
23	- 9.5	- 1.4	- 4.1	- 2.7	- 2.7	- 5.4	-10.9	-12.2	-13.6	-12.2	-12.2	-16.3	- 8.2
24	- 8.2	4.1	1.4	1.4	-12.2	-16.3	-12.2	- 8.2	-12.2	-17.7	- 9.5	- 8.2	- 9.5
25	- 1.4	- 2.7	- 4.1	- 2.7	-17.7	-16.3	-12.2	- 9.5	-17.7	-17.7	-10.9	-10.9	-13.6
26	1.4	2.7	- 2.7	- 1.4	-13.6	-15.0	-15.0	-10.9	-13.6	- 6.8	- 8.2	- 8.2	- 8.2
27	- 1.4	- 1.4	- 5.4	- 5.4	-16.3	-20.4	-16.3	- 9.5	-16.3	-16.3	- 9.5	-12.2	-10.9
28	- 4.1	- 1.4	- 2.7	- 4.1	- 9.5	-19.1	-13.6	- 8.2	-12.2	-15.0	- 9.5	-12.2	-10.9
29	- 1.4	1.4	- 4.1	- 4.1	-16.3	-17.7	-16.3	-12.2	-17.7	-17.7	- 9.5	- 9.5	-12.2
30	- 9.5	- 5.4	- 6.8	- 5.4	- 6.8	-10.9	-12.2	-13.6	-19.1	-17.7	-13.6	-10.9	-10.9
31	- 8.2	- 2.7	- 4.1	- 5.4	-17.7	-19.1	-16.3	-13.6	-17.7	-19.1	- 9.5	-12.2	-12.2
Prom	- 6.9	- 4.0	- 6.5	- 6.4	-16.0	-19.9	-17.3	-14.5	-18.1	-18.7	-14.8	-15.9	-15.2
Var.	6.2	9.1	6.6	6.7	2.9	6.8	4.2	1.4	0.5	5.6	1.7	2.8	2.1

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-10.5	-15.2	-19.9	-22.2	-21.1	-18.7	- 9.4	- 9.4	-11.7	-10.5	-11.7	-11.2	1
- 8.2	-11.7	-16.4	-15.2	-14.0	- 7.0	- 8.2	- 7.0	- 9.4	- 4.7	- 1.2	- 7.7	2
- 5.8	- 5.8	-15.2	-22.2	-23.4	-21.1	-18.7	-21.1	- 4.7	2.3	2.3	- 9.0	2
- 9.0	-13.5	-16.5	- 9.0	- 9.0	-10.5	-15.0	- 9.0	-10.5	5.8	1.9	- 5.7	1
- 7.5	- 6.1	- 6.1	-10.5	-12.0	- 7.5	- 6.1	- 6.1	- 9.0	5.8	- 3.0	- 4.0	0
7.6	3.3	3.3	4.4	3.0	3.8	7.2	- 4.4	- 5.0	- 3.9	- 5.0	- 1.2	0
- 7.5	-12.0	-10.5	-16.5	-19.5	-12.0	- 9.0	- 9.0	- 3.0	1.9	- 3.0	- 8.2	0
- 7.5	-15.0	-10.5	-18.0	-12.0	-10.5	- 9.0	- 6.1	- 6.1	- 1.5	- 1.5	- 7.8	1
-12.0	-16.5	-18.5	-10.5	- 9.6	- 9.6	- 5.6	- 8.4	- 3.9	- 4.4	- 5.0	- 5.7	1
-12.0	-16.5	-16.5	-24.0	-25.5	-27.0	-25.5	-22.5	-12.0	- 6.1	- 6.1	-12.6	0
-16.5	-16.5	-21.0	-22.5	-24.0	-18.0	-22.5	-24.0	-16.5	23.1	-25.5	-13.5	1
- 6.1	- 9.0	- 7.5	-10.5	-12.0	-12.0	-15.0	-16.5	-10.5	1.9	- 6.1	- 7.0	1
- 3.0	- 6.1	-15.0	-19.5	-12.0	- 7.5	- 7.5	- 6.1	1.9	5.8	3.8	- 4.9	1
- 3.0	- 3.0	- 4.5	- 7.5	- 7.5	- 6.1	- 3.0	- 3.0	1.9	7.7	9.6	- 1.8	0
- 3.9	1.9	- 4.5	- 9.0	- 9.0	- 9.0	- 7.5	- 6.1	- 1.5	1.9	1.9	- 0.7	2
3.8	3.8	- 3.0	- 1.5	- 3.0	- 1.5	- 3.0	- 1.5	- 1.5	7.7	5.8	2.7	1
1.9	- 3.0	- 4.5	- 3.0	- 1.5	- 1.5	1.9	- 4.5	- 1.5	5.8	1.9	0.4	0
- 1.5	- 9.0	-12.0	- 6.1	- 1.5	- 3.0	- 3.0	1.9	1.9	9.6	5.8	- 1.0	2
1.9	- 1.5	- 4.5	- 6.1	- 7.5	- 7.5	- 9.0	- 6.1	1.9	3.8	- 1.5	- 0.3	1
- 3.0	-10.5	-13.5	-15.0	-10.5	- 7.5	- 7.5	- 4.5	- 3.0	-10.5	-18.0	- 6.9	0
-	-	-	-	-	-	-39.1	-37.6	-37.6	-37.6	-39.1	-28.5	2
-19.5	-22.5	-24.0	-28.5	-21.0	-22.5	-22.5	-18.0	-13.5	-12.0	-10.5	-23.4	1
-15.0	-18.0	-19.5	-22.5	-21.0	-16.5	-15.0	-15.0	-19.5	- 7.5	-12.0	-14.1	2
-13.5	-13.5	-13.5	-24.0	-25.5	-24.0	-19.5	-19.5	-12.0	- 3.0	- 1.5	-14.9	2
- 7.7	- 7.7	- 4.5	- 7.5	- 9.0	- 6.1	- 3.0	- 4.5	1.9	1.9	1.9	0.4	2
- 4.5	- 4.5	- 7.5	-12.0	-13.5	- 6.1	- 6.1	- 6.1	- 6.1	1.9	1.9	- 4.3	1
- 6.1	- 6.1	- 1.5	- 6.1	- 6.1	- 7.5	- 3.0	- 7.5	3.8	1.9	- 1.5	- 3.6	0
- 3.0	- 6.1	- 1.5	- 7.5	- 7.5	- 7.5	- 6.1	- 1.5	3.8	- 1.5	1.9	- 0.9	1
7.7	- 3.0	- 9.0	-10.5	- 7.5	- 6.1	- 7.5	3.8	3.8	1.9	1.9	- 1.9	1
- 4.5	- 7.5	- 6.1	- 7.5	- 7.5	- 7.5	- 6.1	1.9	- 7.5	1.9	- 4.5	- 2.0	1
-10.5	-13.5	-10.5	-15.0	-16.5	-12.0	- 6.1	- 7.5	- 3.0	1.9	1.9	- 4.3	1
- 5.9	- 8.8	-10.5	-12.8	-12.2	-10.3	-10.0	- 9.2	- 6.1	- 0.3	- 3.7	- 6.4	
0.5	- 2.4	- 4.1	- 6.4	- 5.8	- 3.9	- 3.6	- 2.8	0.3	6.1	2.7		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-18.5	-17.0	-18.5	-19.9	-21.3	-18.5	-15.6	-15.6	-12.8	- 7.1	- 7.1	-16.5	1
-19.9	-17.0	-15.6	-17.0	-22.7	-21.3	-22.7	-14.2	-18.5	- 5.7	- 4.3	-14.4	2
- 9.9	-17.0	-17.0	-15.6	-17.0	-12.8	-15.6	- 9.9	- 8.5	- 5.7	- 4.3	-12.2	2
-15.0	-12.2	-13.6	-16.3	-17.7	-12.2	-13.6	-10.9	- 8.2	- 4.1	- 2.7	-11.0	2
- 9.5	-15.0	-10.9	-13.6	-17.7	-15.0	-15.0	- 9.5	- 8.2	- 5.4	- 4.1	-11.2	1
-15.0	-15.0	-12.2	-16.3	-17.7	-13.6	-16.3	-17.7	-12.2	- 5.4	- 5.4	-12.9	0
-19.1	-16.3	-17.7	-20.4	-23.1	-20.4	-20.4	-19.1	-13.6	- 6.8	- 5.4	-16.8	0
-17.7	-19.1	-12.2	-25.9	-23.1	-16.3	-13.6	- 9.5	- 9.5	- 4.1	- 5.4	-16.0	2
-16.3	-17.7	-20.4	-20.4	-21.8	-23.1	-17.7	-15.0	-17.7	- 6.8	- 6.8	-14.1	1
-17.7	-17.7	-13.6	-16.3	-19.1	-16.3	-17.7	-12.2	- 6.8	- 5.4	- 5.4	-13.6	1
-16.3	4.1	1.4	- 2.7	- 5.4	- 6.8	- 1.4	- 2.7	1.4	2.7	5.4	- 9.1	1
-12.2	-10.9	- 9.5	-10.9	-17.7	-13.6	-16.3	-13.6	-12.2	- 5.4	- 4.1	-14.3	1
-15.0	-12.2	-19.1	-20.4	-19.1	-16.3	-15.0	-15.0	-13.6	- 6.8	- 5.4	-14.4	0
-15.0	-10.9	-10.9	-12.2	-13.6	-10.9	-13.6	-13.6	- 9.5	- 6.8	- 4.1	-12.0	1
-	1.4	- 4.1	- 6.8	- 6.8	- 4.1	- 4.1	- 1.4	- 1.4	1.4	- 2.7	- 6.2	2
-17.7	-13.6	-15.0	-16.3	-17.7	-13.6	-17.7	-16.3	-17.7	- 6.8	- 8.2	-12.8	2
-19.1	-16.3	-13.6	-17.7	-17.7	-15.0	-16.3	-16.3	-10.9	- 8.2	- 6.8	-14.2	1
-17.7	-21.8	-24.5	-23.1	-19.1	-19.1	-20.4	-17.7	-15.0	- 8.2	- 6.8	-17.4	2
-16.3	-16.3	-20.4	-19.1	-20.4	-16.3	-17.7	-16.3	-15.0	-10.9	- 8.2	-15.9	0
-19.1	-21.8	-20.4	-23.1	-25.9	-21.8	-20.4	-19.1	-13.6	- 8.2	- 9.5	-17.9	1
-24.5	-31.3	-27.2	-32.7	-31.3	-27.2	-28.6	-25.9	-16.3	-19.1	-13.6	-22.6	1
-17.7	-16.3	-16.3	-21.8	-17.7	-12.2	-15.0	- 6.8	- 6.8	- 4.1	- 5.4	-16.3	2
-12.2	-17.7	-10.9	-12.2	-16.3	-10.9	- 9.5	- 8.2	-12.2	- 2.7	- 2.7	- 9.4	2
- 8.2	- 5.4	- 4.1	-10.9	-10.9	- 9.5	- 6.8	- 4.1	- 5.4	- 2.7	- 1.4	- 7.4	1
-10.9	-10.9	-12.2	-12.2	-17.7	-16.3	-13.6	- 8.2	- 5.4	2.7	1.4	-10.0	1
- 9.5	-10.9	- 9.5	-12.2	-15.0	- 9.5	-13.6	-10.9	- 6.8	- 2.7	- 1.4	- 8.4	0
-12.2	- 9.5	-13.6	-16.3	-16.3	-15.0	-10.9	-12.2	- 8.2	- 4.1	- 1.4	-10.8	1
- 6.8	- 9.5	- 6.8	- 9.5	-15.0	-13.6	-10.9	- 6.8	- 4.1	- 1.4	- 1.4	- 8.7	1
- 9.5	- 8.2	- 8.2	-15.0	-19.1	-13.6	-10.9	- 8.2	- 8.2	- 4.1	- 6.8	-10.4	2
-15.0	-15.0	-10.9	-16.3	-19.1	-19.1	-16.3	-10.9	-12.2	- 2.7	- 1.4	-11.7	2
-15.0	-20.4	-17.7	-15.0	-17.7	-21.8	-16.3	-15.0	1.4	- 1.4	- 4.1	-12.5	2
-15.0	-14.1	-13.7	-16.4	-18.1	-15.3	-15.0	-12.3	- 9.9	- 5.0	- 4.5	-13.1	
- 1.9	- 1.0	- 0.6	- 3.3	- 5.0	- 2.2	- 1.9	0.8	3.2	8.1	8.6		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	59.9	59.7	59.7	59.6	59.6	59.5	59.5	59.6	59.7	60.1	59.7	59.5	59.3	58.8	58.7
2	59.7	59.7	59.8	59.8	59.8	60.5	60.8	61.2	61.4	61.6	61.7	61.9	60.6	60.0	60.0
3	61.5	61.5	61.4	61.4	61.2	61.3	61.2	61.4	61.3	61.3	61.2	60.5	59.9	59.6	59.4
4	60.0	60.0	59.7	59.6	59.5	60.1	60.5	60.6	60.6	60.6	60.6	60.4	59.8	59.7	59.6
5	61.6	61.6	61.4	61.3	61.2	61.2	61.3	61.4	61.4	61.4	61.3	60.4	59.7	59.2	58.9
6	56.7	56.2	56.0	56.1	54.7	54.6	54.6	54.6	53.7	53.6	53.4	52.8	52.4	51.6	51.2
7	56.2	56.9	57.1	57.3	58.1	58.8	59.8	60.6	61.2	61.7	62.0	61.9	61.5	61.4	61.4
8	62.5	62.4	62.2	61.7	61.6	61.4	61.4	61.7	62.0	61.9	61.3	60.5	59.3	58.9	58.3
9	55.6	55.5	56.2	56.3	56.5	57.0	57.2	58.2	59.2	60.1	60.6	61.0	61.5	61.9	62.7
10	67.0	66.9	66.9	66.8	66.5	66.4	66.3	66.4	66.1	66.8	66.6	66.0	65.2	64.5	64.4
11	65.3	65.3	65.3	65.2	65.3	65.2	65.3	65.6	65.4	65.4	65.2	64.6	64.2	63.5	63.2
12	64.6	64.3	64.2	64.1	64.1	64.2	64.5	64.8	65.1	65.1	65.0	64.4	64.2	63.5	63.4
13	63.5	63.4	63.2	63.2	63.2	63.7	64.1	64.2	64.0	64.0	63.9	63.2	62.1	61.7	61.2
14	60.4	60.3	60.3	60.3	60.3	60.4	60.8	61.2	61.2	61.2	61.4	61.2	60.3	60.0	59.6
15	59.6	59.5	59.4	59.2	59.2	59.2	59.3	59.4	59.3	59.4	59.4	58.6	57.7	57.0	56.7
16	57.1	57.1	56.9	56.5	55.8	55.9	55.9	55.7	55.7	55.3	54.9	54.1	53.6	53.0	52.8
17	61.5	61.8	61.8	62.1	62.3	63.2	63.6	64.6	64.6	64.5	64.4	64.1	63.0	62.5	62.1
18	62.4	62.3	62.0	61.5	61.6	61.7	62.2	62.7	62.5	62.5	62.2	61.6	61.2	60.5	60.2
19	61.5	61.2	61.1	60.9	60.6	60.1	60.1	59.9	59.6	59.2	58.2	57.5	57.1	55.9	56.6
20	59.1	59.2	59.5	59.9	60.6	60.9	61.1	62.0	61.9	62.4	62.1	61.5	60.0	59.3	59.3
21	58.7	58.6	57.5	56.4	55.8	56.5	56.3	56.5	55.8	55.6	56.8	56.5	55.9	54.3	52.9
22	56.6	56.2	55.7	56.2	56.3	56.6	56.7	56.6	56.6	56.3	55.7	55.8	55.3	54.9	54.8
23	58.8	58.9	59.4	59.7	59.9	60.6	61.4	62.0	62.9	63.0	63.0	63.1	63.1	63.0	63.1
24	66.0	66.1	66.1	65.9	65.8	66.1	66.2	66.8	67.1	66.8	66.2	65.3	64.2	63.1	62.9
25	58.2	57.8	58.2	58.2	57.6	57.8	58.1	58.9	59.1	59.4	59.5	59.6	59.2	59.4	59.7
26	63.6	63.5	63.5	63.8	64.1	64.3	65.2	66.4	66.4	67.0	67.0	66.8	66.3	65.7	65.3
27	63.4	62.6	62.1	61.4	61.2	61.1	61.1	61.1	61.0	61.1	61.0	60.7	60.5	59.8	59.6
28	63.7	63.8	63.9	64.2	64.7	65.2	65.7	65.8	65.9	66.4	66.3	65.7	65.3	65.2	65.1
29	66.0	65.2	65.1	64.2	64.2	64.3	64.3	64.8	64.9	65.0	64.5	64.0	63.5	63.0	63.0
30	65.4	65.4	65.3	65.2	65.1	65.4	65.7	66.8	66.3	66.7	67.0	67.0	66.8	66.9	66.3
31	67.8	67.0	66.8	66.1	65.8	65.9	65.9	66.3	66.0	66.1	66.1	65.7	65.1	64.5	64.4
Prom	61.4	61.3	61.2	61.1	61.0	61.3	61.5	61.9	61.9	62.0	61.9	61.5	60.9	60.4	60.2

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	3.4	2.5	1.8	0.8	0.4	0.3	- 0.1	0.6	2.7	7.0	8.8	9.7	10.6	11.5	11.4
2	4.8	4.9	5.0	5.1	3.6	3.4	2.7	2.8	6.0	9.9	11.9	13.6	14.8	15.1	15.5
3	6.5	6.4	5.8	5.8	5.6	4.9	4.9	5.0	6.0	9.9	12.0	13.1	13.2	13.3	13.3
4	7.0	6.9	6.4	6.2	6.4	6.6	6.6	7.2	10.7	13.5	14.8	16.5	18.2	18.1	17.9
5	3.6	3.7	3.6	3.7	3.8	2.8	3.1	4.0	6.4	11.2	13.4	16.4	18.3	18.9	18.9
6	9.5	8.9	8.8	9.0	9.1	9.2	9.5	10.2	10.5	10.5	10.5	10.4	10.4	10.4	10.4
7	8.9	8.2	7.5	6.4	5.5	4.8	3.9	3.8	4.8	6.6	7.6	8.4	9.1	11.2	9.0
8	0.9	1.0	1.1	1.1	1.2	1.4	1.5	3.6	7.5	10.2	12.2	13.4	14.4	14.7	14.4
9	8.2	8.2	8.2	8.1	8.3	8.4	8.5	8.5	8.9	10.0	11.0	11.2	12.0	12.0	11.9
10	1.5	0.9	-0.6	-0.9	-0.7	-0.7	-0.6	0.4	3.6	7.3	9.2	10.7	12.3	13.4	13.3
11	5.7	5.5	4.9	3.1	2.5	2.1	2.2	2.4	6.4	9.5	11.5	14.3	15.7	17.1	17.1
12	7.5	6.6	5.9	5.8	5.9	5.8	5.1	5.7	8.2	11.2	13.3	15.3	16.4	17.2	17.0
13	6.9	6.2	6.0	6.1	6.1	4.2	4.3	6.6	9.4	12.3	15.0	16.7	18.3	18.4	18.7
14	8.6	8.7	8.9	9.0	9.1	9.1	9.2	10.2	12.2	15.2	17.5	19.4	20.5	21.5	21.5
15	15.6	15.6	15.5	15.5	15.2	14.6	14.6	14.5	15.0	16.8	19.8	21.5	21.8	22.6	22.5
16	18.6	18.1	17.7	17.7	17.8	17.2	16.7	16.8	18.5	19.9	22.0	22.5	23.3	23.6	23.5
17	9.0	7.9	6.9	6.1	6.6	6.2	5.3	4.7	7.2	10.2	12.2	14.0	15.0	15.5	15.9
18	6.8	5.1	5.2	5.3	5.3	5.4	5.4	6.7	9.8	13.2	14.4	14.6	15.5	15.7	15.5
19	9.5	10.4	11.2	11.3	11.8	12.2	12.5	13.0	13.3	13.3	13.5	14.5	15.2	15.2	14.6
20	13.2	13.0	11.9	11.3	11.6	11.6	11.3	9.8	10.0	10.1	10.8	13.6	14.3	15.4	15.5
21	10.6	10.7	10.0	10.0	10.1	10.2	10.3	9.4	9.4	9.5	9.9	9.5	9.6	9.6	9.8
22	9.0	8.5	7.9	7.7	6.9	6.7	6.5	5.9	6.0	6.3	8.4	9.6	11.2	12.1	11.8
23	8.7	7.8	6.9	6.8	6.4	5.9	5.3	6.4	8.1	9.7	11.3	12.4	13.4	14.4	14.2
24	2.6	2.7	1.6	1.2	1.2	0.6	0.7	1.6	5.9	9.4	12.3	14.3	15.0	15.1	14.8
25	8.9	8.8	8.2	8.3	9.1	10.0	10.4	10.8	10.5	10.4	10.9	11.6	12.0	12.3	12.1
26	5.0	5.0	5.0	5.1	4.3	3.6	2.4	2.8	5.3	8.4	10.4	12.2	12.3	13.2	13.1
27	3.5	3.0	3.0	3.1	3.1	3.1	3.2	4.8	5.3	6.2	7.0	8.0	8.3	9.0	10.2
28	3.6	3.8	3.6	2.8	2.3	2.0	1.5	2.3	4.4	7.5	9.5	10.5	11.0	12.0	11.7
29	2.9	2.9	3.0	3.2	3.4	3.7	3.8	5.5	8.1	9.1	11.0	11.2	11.6	12.0	12.0
30	4.4	4.4	4.4	4.5	4.4	3.7	3.7	3.8	6.6	8.3	9.9	11.0	11.8	11.9	11.5
31	1.0	1.2	1.1	0.8	1.2	1.6	2.3	3.0	3.3	5.1	6.4	6.8	7.6	8.0	7.9
Prom	7.0	6.7	6.3	6.1	6.0	5.8	5.7	6.2	8.1	10.2	11.6	13.1	14.0	14.5	14.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
58.8	58.6	58.8	59.4	59.4	59.5	59.6	59.7	59.7	60.5	0	58.6	17	1.9	759.4 mm.	1012.5 mb.
60.0	60.4	60.7	61.0	61.0	61.5	61.5	61.6	61.6	61.9	12	59.7	0,1,2	2.2	60.7	1014.2
59.3	59.1	59.2	59.3	59.4	59.5	59.5	59.5	59.8	61.6	0	59.1	17	2.5	60.4	1013.8
59.7	60.0	60.5	61.1	61.2	61.3	61.4	61.5	61.6	61.6	24	59.5	5	2.1	60.4	1013.8
58.7	58.7	58.8	58.9	58.8	58.1	58.0	57.3	57.2	61.6	0,1,2	57.2	24	4.4	59.9	1013.2
50.4	52.0	52.6	52.8	52.8	52.0	52.4	54.0	55.1	57.2	0	50.4	16	6.8	53.6	1004.8
61.5	61.6	61.8	61.2	62.3	62.4	62.4	62.4	62.5	62.5	24	55.1	0	7.4	60.6	1014.1
58.0	58.0	58.2	58.3	57.8	57.4	57.0	56.4	56.0	62.5	0,1	56.0	24	6.5	59.8	1013.0
63.6	64.4	65.3	65.5	66.2	66.4	66.9	67.0	67.2	67.2	24	55.5	2	11.7	61.3	1015.0
64.3	64.3	64.4	64.7	64.8	65.2	65.2	65.3	65.2	67.2	0	64.3	16,17	2.9	65.7	1020.9
63.2	63.3	63.8	64.0	64.1	64.1	64.2	64.7	64.7	65.6	8	63.2	15	2.4	64.6	1019.4
63.4	63.3	63.3	63.9	63.8	63.9	63.9	63.9	63.5	65.1	9,10	63.3	17,18	1.8	64.1	1018.8
61.2	61.1	61.2	61.4	61.3	61.0	61.0	60.9	61.0	64.2	9	60.9	23	3.3	62.4	1016.5
59.9	59.8	59.6	59.7	59.9	59.6	59.5	59.6	59.6	61.4	11	59.5	22	1.9	60.2	1013.6
56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.9	57.2	59.6	0,1	56.6	16,17	3.0	58.1	1010.8
53.0	53.3	54.6	55.7	56.6	57.7	58.8	59.8	60.9	60.9	24	52.8	15	8.1	55.9	1007.8
61.8	61.8	61.5	61.6	61.4	61.7	62.2	62.2	62.4	64.6	8,9	60.9	0	3.7	62.6	1016.8
60.3	60.5	60.9	61.2	61.2	61.4	61.4	61.4	61.5	62.7	8	60.2	15	2.5	61.5	1015.3
56.3	56.5	56.8	57.1	57.1	57.5	57.8	58.1	58.9	61.7	0-1	55.5	13-14	6.2	58.6	1011.4
59.4	59.4	59.3	59.7	59.8	59.6	59.6	60.8	60.8	62.4	10	58.7	0-1	3.7	60.3	1013.7
54.2	55.7	55.8	56.7	56.6	56.1	56.0	56.3	56.5	60.8	0	52.8	14-15	8.0	56.2	1008.2
54.8	54.8	54.9	56.0	57.5	57.7	57.8	57.8	58.7	58.7	24	54.7	16-17	4.0	56.3	1008.4
63.2	63.2	64.1	64.8	65.0	65.0	65.4	65.9	66.0	66.0	24	58.7	0	7.3	62.7	1016.9
62.1	62.0	62.0	61.2	61.0	60.3	60.1	59.4	58.6	66.8	8,10	58.6	24	8.2	63.8	1018.4
59.7	59.8	60.1	60.6	61.0	61.7	62.3	62.8	63.5	63.5	24	57.6	5	5.9	59.7	1012.9
65.1	65.0	64.7	64.6	64.3	64.2	64.1	63.7	63.4	67.0	10,11	63.4	24	3.6	64.9	1019.8
59.6	59.7	59.8	60.7	61.2	61.8	62.3	62.7	63.1	63.4	0,1	59.6	15,16	3.8	61.2	1014.9
65.1	65.2	65.3	65.6	65.8	65.9	66.1	66.0	66.0	66.1	22	63.1	0	3.0	65.3	1020.4
63.0	63.4	63.9	64.2	64.4	64.9	64.9	65.0	65.5	66.0	0,1	62.9	15-16	3.1	64.4	1019.2
66.3	66.8	67.0	67.5	67.4	67.6	67.6	67.3	67.8	67.8	24	65.1	5	2.7	66.5	1022.0
64.3	64.2	64.2	64.3	64.9	64.9	64.9	65.6	65.8	67.8	0,1	64.2	17,18	3.6	65.5	1020.6
60.2	60.4	60.6	60.9	61.1	61.2	61.3	61.5	61.6	63.4		59.0		4.4	61.2	1014.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.1	8.6	6.4	6.0	5.1	4.9	4.9	4.7	4.7	11.5	14	-0.4	7-8	11.9	5.3
15.1	13.1	10.9	8.7	7.6	7.0	6.6	6.6	6.5	15.5	15	2.7	7	12.8	8.4
13.0	12.1	10.7	9.6	8.7	8.2	8.1	8.1	8.2	13.7	15-16	4.7	7-8	9.0	8.8
17.5	14.5	11.4	8.3	6.6	5.3	5.3	4.2	4.0	18.2	13	4.0	24	14.2	10.0
18.4	16.9	12.8	11.4	10.0	9.3	9.0	9.2	9.3	18.9	15	2.8	6	16.1	9.9
10.3	10.2	10.2	10.2	10.1	10.1	10.1	10.1	9.4	10.6	11-12	8.8	3	1.8	9.9
9.1	7.2	5.2	4.3	2.8	2.5	1.8	1.6	0.8	11.2	14	0.8	24	10.4	5.9
13.3	11.0	9.1	8.7	8.1	7.7	8.1	8.1	8.1	14.7	14	0.8	0	13.9	7.5
11.1	9.8	7.5	5.9	5.2	4.5	3.9	3.0	2.1	12.0	14	2.1	24	9.9	8.2
13.1	11.0	8.6	7.4	6.8	6.4	6.0	5.4	5.5	13.4	14	-1.1	7-8	14.5	5.8
16.7	13.9	11.2	10.2	9.4	9.3	8.5	8.4	8.4	17.1	14,15	1.9	7-8	15.2	9.0
16.2	13.5	10.9	8.8	8.4	7.7	7.3	7.2	7.6	17.2	14-15	5.1	7	12.1	9.8
18.1	15.8	12.5	10.6	9.8	9.9	10.0	9.7	9.4	18.7	15	4.2	6	14.5	10.9
19.2	17.1	16.3	16.1	15.7	15.7	15.7	15.7	15.7	21.5	14-15	8.6	1	12.9	14.5
21.7	20.7	20.4	19.6	19.4	19.3	18.7	18.6	18.7	22.6	14	14.4	8-9	8.2	18.2
22.9	21.9	18.9	16.6	16.2	14.7	12.7	11.8	9.9	24.1	14-15	9.9	24	14.2	18.3
16.0	13.9	10.2	8.5	7.6	8.0	8.0	7.6	7.2	16.0	16	4.7	8	11.3	9.6
15.4	13.4	11.5	10.0	9.0	8.4	8.4	8.5	9.0	15.8	13-14	5.1	2	10.7	9.9
14.3	13.2	13.2	13.2	13.2	13.4	13.6	13.6	13.5	15.2	13-14	9.0	0	6.2	13.0
14.5	13.3	12.1	11.7	11.2	11.1	11.4	11.1	10.5	15.5	15	9.8	8	5.7	12.1
9.7	9.7	9.7	9.6	9.6	9.6	9.3	9.0	9.0	10.7	2	9.0	23,24	1.7	9.7
11.5	11.2	10.8	10.4	10.0	9.7	9.4	9.0	9.0	12.1	14	5.9	8	6.2	9.0
14.0	12.7	9.6	7.4	6.2	6.0	5.1	3.7	2.6	14.4	14	2.6	24	11.8	8.5
14.1	11.6	10.2	9.2	9.0	9.0	9.1	9.0	8.9	15.1	14	0.6	6	14.5	7.9
12.0	11.1	8.8	7.8	6.8	6.7	6.8	5.9	5.4	12.3	14	5.4	24	6.9	9.4
13.0	10.9	7.5	5.4	3.9	3.8	3.9	3.9	3.9	13.2	14	2.3	7-8	10.9	6.8
10.9	10.4	8.2	6.7	5.8	4.7	4.0	3.4	3.5	10.9	16	3.0	2,3	7.9	5.8
11.2	10.2	7.7	5.8	4.3	3.5	2.7	2.7	2.8	12.0	14	1.4	7-8	10.6	5.8
11.5	10.6	9.1	7.9	7.4	7.2	6.3	5.3	4.4	12.0	14,15	2.8	0	9.2	7.2
11.2	10.1	6.8	5.0	3.0	2.1	2.1	1.6	1.0	11.9	14	1.0	24	10.9	6.2
7.6	7.3	6.6	5.8	5.3	5.2	4.9	4.7	5.8	8.0	14	0.8	4	7.2	4.6
14.0	12.5	10.5	9.2	8.4	8.1	7.8	7.5	7.2	14.7		4.3		10.4	9.2

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	97	98	98	99	100	100	100	100	88	77	63	56	52	50	49
2	84	84	84	84	90	92	93	91	82	68	63	58	57	57	56
3	91	94	95	94	95	96	97	97	85	72	66	61	68	68	68
4	95	95	96	97	96	96	96	94	75	64	58	47	45	46	48
5	97	99	100	100	100	100	100	100	99	75	67	53	51	47	47
6	98	99	100	98	98	94	94	93	94	94	97	98	97	97	97
7	76	77	79	83	84	87	88	83	73	61	53	49	41	41	42
8	91	91	92	92	93	92	100	97	78	65	56	52	49	46	49
9	75	77	83	83	81	84	78	81	71	65	62	59	44	36	41
10	80	85	94	97	89	87	91	81	67	55	49	48	46	46	47
11	82	86	88	96	97	97	97	96	81	65	60	55	53	52	53
12	89	96	100	99	95	92	97	91	79	63	60	55	44	41	43
13	88	93	95	98	98	97	99	97	79	68	60	55	50	50	48
14	95	97	98	98	98	98	99	97	87	80	71	64	61	57	57
15	85	87	90	91	93	94	94	93	88	81	71	66	62	63	64
16	83	84	86	86	82	85	89	85	76	70	64	63	62	62	63
17	87	91	89	70	64	67	71	72	62	54	53	50	42	44	46
18	96	97	98	99	100	97	97	97	82	67	60	58	52	50	49
19	84	81	88	91	93	94	95	98	96	97	97	94	93	96	98
20	98	98	99	99	99	99	99	100	99	99	84	76	74	71	71
21	93	85	90	87	90	86	94	95	94	96	96	96	97	97	95
22	98	98	99	99	99	100	100	100	100	100	91	86	79	76	79
23	100	100	100	100	100	100	100	79	72	63	60	55	55	47	48
24	97	94	95	96	97	98	98	96	77	67	54	42	42	43	46
25	75	79	83	85	80	78	78	80	94	92	91	81	79	74	75
26	71	65	59	62	70	72	80	75	67	57	47	41	38	37	37
27	78	79	82	87	87	85	86	81	80	79	76	78	81	84	74
28	77	78	84	89	92	93	93	82	73	69	64	61	58	57	58
29	100	100	100	100	100	100	100	97	80	74	52	53	42	47	52
30	93	91	90	90	92	96	97	93	79	67	58	51	48	46	46
31	97	84	92	96	98	97	92	89	88	82	79	77	77	72	60
Prom.	89	89	91	92	92	92	93	91	82	74	67	62	59	58	58

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	5.6	5.2	5.0	4.6	4.4	4.4	4.2	4.8	4.8	5.8	6.4	5.6	5.0	5.1	4.8
2	5.2	5.2	5.2	5.4	5.2	5.4	5.4	5.1	5.8	6.0	6.4	6.6	7.2	7.3	7.4
3	6.6	6.6	6.4	6.4	6.2	6.2	6.2	6.3	5.6	6.6	7.0	7.0	7.6	7.8	7.6
4	6.8	6.8	7.0	6.8	7.0	7.0	7.0	7.2	7.0	7.2	8.8	6.6	6.6	7.2	7.2
5	5.6	5.8	5.6	5.8	5.8	5.4	5.4	6.1	7.0	7.2	7.4	7.2	8.0	7.7	7.6
6	8.5	8.0	8.0	8.0	8.0	8.0	8.0	8.6	8.5	8.5	9.0	9.0	9.0	9.2	9.0
7	6.6	6.2	6.0	5.8	5.4	5.6	5.2	5.0	4.6	4.4	4.0	3.8	3.6	4.1	3.6
8	4.2	4.4	4.6	4.6	4.6	4.6	5.0	5.7	6.0	5.8	6.0	5.6	5.8	5.7	5.8
9	5.8	6.2	6.6	6.6	6.6	6.8	6.4	6.7	6.0	5.6	6.0	5.6	4.4	3.8	4.4
10	3.8	4.0	4.0	4.2	3.8	3.8	4.0	3.7	3.8	4.0	4.0	4.4	5.0	5.4	5.4
11	5.6	5.8	5.6	5.4	5.2	5.2	5.2	5.3	5.8	5.4	5.8	6.4	7.0	7.5	7.6
12	6.8	7.0	6.8	6.6	6.4	6.4	6.4	6.5	6.2	6.2	6.4	6.4	6.4	6.0	6.0
13	6.4	6.4	6.4	6.8	6.8	6.0	6.0	7.1	6.8	7.2	7.2	7.4	7.4	7.9	7.6
14	7.6	8.0	8.0	8.0	8.0	8.0	8.0	9.0	9.0	9.5	10.5	10.5	11.0	10.9	11.0
15	10.5	10.5	11.5	11.5	11.5	11.5	11.5	11.4	11.0	11.5	12.5	12.5	12.0	12.9	12.5
16	13.0	12.5	13.0	13.0	12.5	12.0	12.0	11.9	12.0	11.5	12.0	12.5	13.0	13.5	13.5
17	7.4	7.2	6.4	4.6	4.4	4.6	4.8	4.7	4.6	4.8	5.4	5.6	5.4	5.7	6.4
18	7.2	6.4	6.4	6.4	6.4	6.4	6.4	7.1	7.4	7.6	7.0	7.0	6.8	6.6	6.2
19	7.2	7.6	8.5	9.0	9.5	9.5	10.0	10.9	11.0	11.0	11.0	11.0	11.5	12.3	12.0
20	11.0	10.5	10.0	9.5	9.5	9.5	9.5	9.0	8.5	9.0	7.8	8.5	8.5	9.2	9.5
21	8.5	7.8	7.8	7.6	8.0	8.0	8.5	8.3	8.0	8.5	8.5	8.5	8.5	8.7	8.0
22	8.0	8.0	7.6	7.6	7.2	7.0	7.0	7.0	6.8	7.0	7.6	7.8	7.6	8.0	7.8
23	8.0	7.6	7.2	7.2	7.0	6.8	6.4	5.7	5.8	5.6	5.6	5.2	6.0	5.8	5.6
24	5.2	5.0	4.6	4.8	4.8	4.6	4.6	5.0	5.2	5.8	5.6	5.2	5.4	5.5	6.0
25	6.0	6.4	6.6	6.6	6.6	7.0	7.2	7.7	8.5	8.5	9.0	8.0	8.0	7.9	7.6
26	4.6	4.0	3.6	4.0	4.2	4.2	4.2	4.3	4.4	4.6	4.4	4.4	4.0	4.3	4.2
27	4.4	4.4	4.6	5.0	5.0	4.6	5.0	5.2	5.0	5.4	5.8	6.2	6.6	7.2	6.6
28	4.6	4.6	4.8	4.8	5.0	4.8	4.6	4.5	4.4	5.2	5.4	5.8	5.6	6.0	5.8
29	5.4	5.4	5.4	5.6	5.6	5.8	5.8	6.5	6.6	7.0	5.2	5.2	4.2	4.8	5.4
30	5.8	5.8	5.4	5.4	5.8	5.8	5.8	5.6	5.6	5.4	5.2	5.0	4.8	4.9	4.8
31	4.8	4.0	4.4	4.6	4.8	5.0	5.0	5.1	5.0	5.4	5.4	5.6	6.2	5.8	4.8
Prom.	6.7	6.6	6.5	6.5	6.5	6.4	6.5	6.8	6.7	6.9	7.0	7.0	7.0	7.2	7.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
49	62	77	78	81	81	83	84	87	100	5-8	47	14-15	53	80
62	75	81	91	94	96	98	98	98	98	22,23,24	56	13-14	42	81
77	82	88	89	89	92	91	91	90	97	7,8	61	12	36	85
53	70	85	90	94	96	98	96	97	98	22	44	13-14	44	80
54	67	84	91	92	96	97	97	98	100	3-8	46	14-15	54	84
97	97	97	97	97	97	86	82	75	100	3	75	24	25	95
47	62	74	77	83	80	84	90	90	90	23,24	38	13-14	62	71
55	72	79	82	86	85	81	79	79	100	7	45	13-14	55	77
45	51	60	60	63	67	68	73	77	84	6	35	13-14	49	66
52	68	77	82	86	86	87	88	83	97	4	46	13,14	51	74
57	67	79	87	86	83	83	83	87	97	5,6,7	50	14-15	47	78
48	52	68	76	81	81	85	88	83	100	3	40	13-14	60	75
52	63	79	82	86	85	88	92	94	99	7	46	14-15	53	79
72	81	83	81	83	82	81	81	84	99	7	56	14-15	43	83
68	71	72	75	77	79	83	80	80	94	6,7	61	13,14	33	79
68	76	83	87	87	67	63	68	80	89	18-19	61	21-22	28	76
50	55	68	73	83	81	87	93	95	95	24	42	13	53	69
46	56	52	68	78	86	89	91	89	100	5	45	15-16	55	77
99	98	98	98	98	98	98	98	98	99	16	78	1-2	21	95
83	88	91	89	93	89	74	87	96	100	8	68	14-15	32	90
93	91	97	98	95	95	94	98	96	98	19,23	83	2-3	15	94
79	84	90	93	92	89	95	97	99	100	6-10	76	14	24	92
53	63	77	84	85	85	91	95	97	100	1-7	46	14-15	54	80
52	70	80	79	78	76	74	76	75	98	6,7	36	12-13	62	75
70	66	76	79	77	80	77	73	72	94	9	65	17-18	29	79
41	59	74	84	87	82	73	74	79	88	19-20	35	13-14	53	64
72	72	87	92	94	99	100	100	100	100	22,23,24	68	15-16	32	85
60	67	81	89	93	97	98	100	100	100	0,23,24	56	14-15	44	80
58	61	73	76	80	83	88	92	93	100	0-7	42	13	58	79
50	56	73	83	93	94	93	95	98	98	24	46	14,15	52	78
57	65	74	80	81	75	80	79	79	98	0,5	57	16	41	81
62	70	79	84	86	86	86	88	89	97		53		44	80

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
4.6	5.2	5.6	5.4	5.3	5.2	5.2	5.2	5.6	6.4	11	4.2	7	2.2	5.1
7.8	8.0	7.8	7.8	7.4	7.2	7.0	7.0	7.0	8.0	17	5.2	1,2,3,5	2.8	6.5
8.5	8.5	8.0	7.8	8.1	7.4	7.4	7.4	7.0	8.5	16,17	5.6	9	2.9	7.1
7.8	8.0	8.0	7.0	6.9	6.4	6.4	6.0	5.8	8.8	11	5.8	24	3.0	7.0
8.0	9.5	9.0	9.0	8.4	8.5	8.0	8.5	8.5	9.5	17	5.4	6,7	4.1	7.3
9.0	9.0	9.0	9.0	9.6	9.0	8.0	7.6	6.4	9.6	20	6.4	24	3.2	8.5
4.0	4.6	4.8	4.8	4.7	4.2	4.2	4.4	4.2	6.6	1	3.6	13,15	3.0	4.7
6.0	7.0	6.6	6.8	6.9	6.4	6.6	6.2	6.2	7.0	17	4.2	0,1	2.8	5.7
4.2	4.6	4.4	4.0	4.2	4.2	4.0	4.0	4.0	6.8	6	3.8	14	3.0	5.2
5.8	6.6	6.4	6.2	6.4	6.2	6.0	5.8	5.4	6.6	17	3.7	8	2.9	4.9
8.0	7.8	7.6	8.0	7.6	7.2	6.8	6.8	7.2	8.0	16,19	5.2	5,6,7	2.8	6.5
6.4	6.0	6.4	6.4	6.6	6.4	6.6	6.6	6.4	7.2	24	6.0	14,15,17	1.2	6.4
8.0	8.0	8.0	7.8	7.9	7.4	7.8	8.0	8.0	8.0	16,17,18,23,24	6.0	6,7	2.0	7.3
12.0	12.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.0	16,17	7.6	1	4.4	9.9
13.0	13.0	13.0	12.0	13.0	12.5	13.0	12.0	12.0	13.0	16-18,20,22	10.5	1,2	2.5	12.0
14.0	15.0	13.5	13.0	12.0	8.0	6.8	6.8	7.0	15.0	17	6.8	22,23	8.2	11.8
6.4	6.2	6.2	6.0	6.5	6.6	7.0	7.2	7.0	7.4	1	4.4	5	3.0	5.9
6.2	6.6	5.2	6.2	6.7	7.2	7.2	7.6	7.4	7.6	10,23	5.2	18	2.4	6.7
11.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.3	14	7.4	24	4.9	10.5
10.0	9.5	9.5	9.0	9.2	8.5	7.2	8.5	9.0	11.0	0,1	7.2	22	3.8	9.2
8.0	8.0	8.5	8.5	8.4	8.0	8.0	8.0	8.0	9.0	0	7.6	4	1.4	8.2
7.8	7.6	8.0	8.5	8.4	7.8	8.0	7.8	8.0	8.5	19	6.8	9	1.7	7.7
6.2	6.8	6.8	6.2	6.0	5.8	5.6	5.4	5.0	8.0	0,1	5.0	24	3.0	6.2
6.2	6.8	7.2	6.6	6.7	6.6	6.2	6.6	6.2	7.2	18	4.6	3,6,7	2.6	5.7
7.0	6.6	6.4	6.0	5.7	5.6	5.6	5.0	4.8	9.0	11	4.8	24	4.2	6.8
4.6	5.6	5.6	5.4	5.2	4.8	4.2	4.2	4.6	5.6	17,18	3.6	3	2.0	4.5
7.0	6.8	7.0	6.8	6.4	6.2	5.8	5.6	5.6	7.2	14	4.4	1,2	2.8	5.8
5.6	6.2	6.4	6.0	5.8	5.6	5.4	5.4	5.4	6.4	18	4.4	9	2.0	5.3
5.8	5.8	6.2	6.0	6.8	6.2	6.2	6.0	5.8	7.0	10	4.2	13	2.8	5.8
4.6	5.2	5.2	5.2	5.3	4.8	4.8	4.8	4.8	5.8	0-2,5-7	4.6	16	1.2	5.2
4.4	4.6	5.2	5.2	5.4	4.8	5.2	4.8	5.2	6.2	13	4.0	2	2.2	5.0
7.4	7.6	7.5	7.4	7.4	7.0	6.8	6.8	6.8	8.4		5.4		3.0	6.9

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS / DÍAS	0 – 1		1 – 2		2 – 3		3 – 4		4 – 5		5 – 6		6 – 7		7 – 8		8 – 9		9 – 10		10 – 11		11 – 12		12 – 13		13 – 14		14 – 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SW	4	SW	4	SW	5	SW	3	W	2	W	5	W	2	W	4	W	8	NW	7	NW	12	NW	15	NW	15	NW	15	NW	15
2	NW	15	NW	15	NW	11	NW	12	NW	9	NW	8	NW	6	NW	6	NW	10	NW	11	NW	12	NW	16	NW	16	NW	18	NW	18
3	N	12	N	10	N	10	N	11	N	10	N	7	N	7	N	5	N	9	N	12	NW	14	NW	14	NW	13	NW	9	NW	[illegible]
4	NW	6	NW	6	NW	7	NW	8	NW	10	NW	8	W	9	W	6	W	8	W	8	W	7	W	8	W	6	SW	8	W	[illegible]
5	Calma	0	Calma	1	Calma	1	N	2	N	2	Calma	1	N	3	Calma	0	N	4	N	5	N	6	N	4	N	5	N	4	N	[illegible]
6	NE	14	NE	7	NE	6	N	9	NE	9	NE	9	E	7	SE	3	S	5	S	4	S	3	S	6	S	4	S	7	S	[illegible]
7	SW	19	SW	17	SW	16	SW	12	SW	12	SW	9	SW	6	W	8	W	10	SW	8	SW	9	SW	11	W	11	W	13	W	[illegible]
8	NW	6	NW	8	NW	7	NW	8	NW	9	NW	9	NW	9	N	11	N	13	NW	17	NW	21	NW	22	NW	22	NW	22	NW	[illegible]
9	N	20	N	20	N	17	NW	12	NW	14	NW	16	NW	20	NW	17	W	20	SW	22	SW	24	SW	22	SW	23	SW	20	SW	[illegible]
10	W	4	W	5	SW	2	W	2	W	7	W	3	NW	3	NW	3	NW	9	NW	14	NW	22	NW	22	NW	18	NW	20	NW	[illegible]
11	NW	14	NW	14	NW	7	NW	5	NW	4	NW	4	NW	4	N	3	N	5	NW	9	NW	11	NW	14	NW	13	NW	18	NW	[illegible]
12	N	8	N	7	N	7	N	10	N	11	N	8	N	7	N	8	N	11	N	12	N	10	N	12	N	14	N	16	N	[illegible]
13	N	12	N	9	N	8	N	4	N	4	NE	2	NE	4	NE	9	N	13	N	11	N	12	N	13	N	16	N	18	N	[illegible]
14	NE	10	NE	12	NE	12	NE	11	NE	12	NE	10	NE	10	NE	10	N	10	N	11	N	14	N	12	N	11	N	12	NE	[illegible]
15	NE	13	NE	14	NE	18	N	22	N	20	N	20	N	14	N	14	N	18	N	20	N	18	N	20	N	23	N	19	N	[illegible]
16	N	21	N	16	N	17	NE	16	NE	16	NE	14	NE	14	NE	17	N	21	N	22	NW	24	NW	24	NW	22	NW	22	NW	[illegible]
17	W	4	W	5	W	[illegible]	W	5	SW	7	SW	7	S	4	S	6	SW	7	S	2	W	3	SW	4	Calma	1	SW	2	W	[illegible]
18	NE	2	Calma	0	Calma	1	Calma	1	SE	3	S	4	S	2	SE	3	SE	7	SE	6	SE	5	E	14	E	16	E	15	E	[illegible]
19	E	6	E	11	E	7	E	6	E	5	E	11	E	10	E	14	E	12	E	16	E	18	E	14	E	7	E	12	S	[illegible]
20	W	2	SW	5	SW	6	SW	7	SW	10	SW	16	SW	9	SW	8	S	10	S	6	Calma	1	SE	3	SE	5	SE	4	SE	[illegible]
21	E	12	SE	8	E	11	E	14	SE	10	SE	8	SE	11	SE	14	SE	18	E	16	S	10	S	12	S	12	S	13	SE	[illegible]
22	S	6	S	7	S	4	S	3	SW	4	S	2	Calma	1	Calma	0	N	5	N	6	NW	7	NW	12	NW	9	NW	9	N	[illegible]
23	NW	6	NW	7	W	10	W	6	W	4	W	4	W	3	SW	7	SW	11	SW	11	SW	12	SW	11	SW	10	SW	10	SW	[illegible]
24	W	4	W	8	W	4	W	4	Calma	1	N	5	N	3	N	3	N	7	NW	9	NW	13	NW	16	NW	21	N	19	N	[illegible]
25	N	20	N	18	N	10	N	6	N	13	NW	12	NW	14	NW	10	NW	7	NW	10	NW	9	W	9	NW	6	NW	7	W	[illegible]
26	W	7	W	7	W	6	W	11	SW	9	SW	9	W	4	W	6	W	5	W	5	SW	6	SW	5	SW	6	SW	7	W	[illegible]
27	N	7	N	5	NE	5	NE	8	NE	7	NE	3	NE	7	NE	11	NE	13	NE	10	NE	7	NE	6	N	9	N	7	NW	[illegible]
28	SW	10	SW	8	SW	6	S	2	SW	5	SW	3	S	3	S	4	S	5	S	5	SE	5	SE	5	SE	7	S	4	S	[illegible]
29	Calma	1	SE	2	SE	2	SE	4	SE	3	SE	3	SE	4	SE	4	E	9	E	14	SE	11	SE	12	SE	10	SE	9	SE	[illegible]
30	S	3	S	4	S	3	S	4	S	3	S	4	S	4	S	4	S	8	S	7	S	9	S	10	S	9	S	9	S	[illegible]
31	Calma	1	S	2	S	2	S	2	Calma	1	S	3	Calma	1	S	3	S	3	S	3	S	2	S	3	S	4	S	6	S	[illegible]
DIRECCION PREVALENTE	N		N		N		N		N SW		NE NW SW		NW		N		N		N		NW		NW		NW		NW		NW	
NUMERO DE HORAS	7		7		6		7		6		5		7		6		11		8		10		9		10		9		8	
PROM. HOR. DE LA VELOCIDAD		9		8		8		7		8		7		7		7		10		10		11		12		12		12		[illegible]

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NW	16	NW	9	NW	9	NW	10	NW	13	NW	14	NW	13	NW	14	NW	13	NW	15	9	23	NW	11.37
NW	12	NW	9	NW	4	N	5	N	5	N	5	N	6	N	7	N	7	NW	18	10	22	NW	12.50
NW	9	NW	7	NW	4	N	5	N	8	N	7	NW	6	NW	5	NW	8	N	13	9	18	NW	12.18
N	4	W	3	Calma	1	Calma	1	Calma	0	Calma	1	Calma	1	Calma	0	Calma	0	W	10	5	10	NW	4.53
N	7	N	3	NE	3	N	5	N	5	NE	5	NE	6	NE	8	NE	8	N	14	4	9	NE	23.58
S	2	SW	8	SW	5	SW	6	SW	8	SW	9	SW	16	SW	23	SW	20	SW S	8	8	35	SW	23.16
W	9	W	7	NW	6	NW	5	NW	5	NW	6	NW	5	NW	6	NW	4	SW	10	9	32	SW	0.25
N	21	N	16	N	16	N	14	N	16	N	16	N	19	N	21	N	22	NW	13	15	28	NW	14.35
SW	16	SW	10	SW	4	SW	7	SW	8	SW	6	SW	6	SW	5	W	7	SW	14	15	40	SW	12.33
NW	16	NW	12	NW	9	NW	9	NW	11	NW	11	NW	13	NW	12	NW	14	NW	18	11	32	NW	11.10
NW	14	NW	12	NW	7	NW	9	NW	11	NW	11	NW	12	NW	11	NW	9	NW	22	10	20	NW	14.52
N	12	N	8	N	6	N	6	N	7	N	9	N	9	N	9	N	15	N	24	10	18	N	12.44
N	11	N	6	NE	4	NE	5	NE	8	NE	13	NE	12	NE	11	NE	13	N	14	10	19	NW	13.03
E	9	E	9	NE	9	NE	10	NE	11	NE	11	NE	15	NE	14	NE	15	NE	16	11	19	NE	23.37
NE	16	NE	15	NE	18	NE	18	NE	18	NE	16	NE	15	NE	18	N	20	NE N	12	18	25	N	12.29
NW	16	NW	12	W	14	W	14	W	12	SW	16	SW	20	SW	8	SW	3	NW	7	17	33	NW	10.31
Calma	1	Calma	1	Calma	1	E	5	NE	5	NE	5	NE	2	NE	3	NE	2	W	6	4	11	SW	4.30
SE	5	SE	3	SE	4	E	3	E	2	SE	4	SE	5	SE	6	SE	6	SE	12	5	16	E	13.25
SE	9	SE	11	SE	8	SE	8	SE	4	E	4	N	2	W	2	W	5	E	15	9	26	E	10.13
E	8	E	8	E	3	E	5	SE	2	SE	6	E	9	S	7	S	7	SW	7	6	29	SW	5.20
S	13	S	12	S	9	S	10	S	12	S	10	S	12	S	5	S	8	S	13	12	27	E	9.08
NW	6	N	4	N	6	N	6	NW	4	NW	3	N	2	N	6	NW	6	NW N	8	5	15	NW	11.28
SW	10	W	6	W	5	W	5	W	5	W	9	W	7	W	3	W	6	W	13	8	20	SW	12.09
N	14	N	14	N	11	N	11	N	13	N	18	N	18	N	14	N	14	N	15	11	24	NW	12.28
W	7	W	6	W	2	W	4	SW	5	W	5	SW	8	SW	2	W	8	NW W	8	8	20	N	1.01
NW	5	NW	3	Calma	0	Calma	0	NE	2	NE	2	NE	6	NE	6	NE	10	W	9	6	19	SW	3.42
NW	10	NW	6	N	5	N	4	N	5	NW	4	NW	5	NW	5	W	7	NE	10	7	11	NE	10.05
S	2	S	2	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	S	9	3	16	SW	0.59
S	8	S	8	S	7	S	6	S	9	S	7	S	5	S	3	S	3	SE	12	6	18	SE	11.02
S	7	SE	3	Calma	1	Calma	0	Calma	0	Calma	0	SE	2	Calma	0	Calma	0	S	16	4	14	SE	11.53
S	5	S	2	S	2	Calma	0	Calma	0	S	3	S	2	SW	3	SW	5	S	17	2	7	S	14.39
NW		NW		NW		N		N		NW		NE N NW		NE NW		NW		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
9		8		6		8		7		6		6		6		6		NW	152	9	DIRECCIÓN	DÍA	HORA
	10		8		6		6		7		8		8		8		8				SW	9	de 10.25 a 10.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DI. IIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1											4	16	5	21	15	190		227
2	6	35													18	206		241
3	13	113													11	97		210
4											1	8	10	65	6	46	7	123
5	14	60	5	30													5	93
6	1	9	5	45	1	7	1	3	8	36	8	95						195
7											10	119	7	69	7	37		225
8	11	185													13	185		370
9	3	57									14	194	2	27	5	79		357
10											1	2	5	21	18	238		261
11	2	8													22	231		239
12	24	238																238
13	14	149	10	81														230
14	6	70	16	180	2	18												268
15	12	223	12	199														422
16	5	97	5	77							4	47	3	40	7	140		401
17			5	17	1	5			3	12	5	27	6	21			4	86
18			1	2	6	60	12	57	2	6							3	127
19	1	2			15	153	5	40	1	7			2	7				209
20					5	33	6	23	4	30	7	61	1	2			1	150
21					4	53	7	87	13	138								278
22	8	41							5	22	1	4			8	56	2	124
23											9	94	13	73	2	13		180
24	15	186											4	20	4	59	1	266
25	5	67									3	15	8	49	8	75		206
26			5	26							6	42	9	57	2	8	2	133
27	7	42	10	80									1	7	6	37		166
28							3	17	9	32	5	32					7	82
29					2	23	12	70	9	56							1	150
30							2	5	16	97							6	103
31									17	51	2	8					5	62
SUMAS	147	1582	74	737	36	352	48	302	87	487	80	764	76	479	152	1697	44	6422
% PREVAL. POR VELOCIDAD	24.6		11.5		5.5		4.7		7.6		11.8		7.4		26.4		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		10		10		6		6		10		6		11		0	208

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	7	4	2	0	2	3	5	5	3
1 - 2	7	3	1	2	3	4	4	5	2
2 - 3	6	4	2	1	3	5	4	4	2
3 - 4	7	3	2	1	4	3	5	5	1
4 - 5	6	4	1	3	1	6	3	5	2
5 - 6	4	5	1	2	4	5	4	5	1
6 - 7	5	4	2	2	4	2	3	7	2
7 - 8	6	4	1	4	4	2	4	4	2
8 - 9	11	1	2	2	5	2	5	3	0
9 - 10	8	1	3	1	6	3	2	7	0
10 - 11	5	1	1	3	4	4	2	10	1
11 - 12	5	1	2	3	4	5	2	9	0
12 - 13	6	0	2	3	4	3	2	10	1
13 - 14	7	0	3	1	5	5	1	9	0
14 - 15	6	1	1	3	5	2	5	8	0
15 - 16	5	1	2	2	6	2	3	9	1
16 - 17	6	1	2	3	4	2	4	8	1
17 - 18	5	4	1	2	3	2	3	6	5
18 - 19	8	3	3	1	2	2	3	4	5
19 - 20	7	5	1	2	2	3	2	5	4
20 - 21	5	6	1	2	3	3	2	6	3
21 - 22	6	6	1	2	3	4	1	6	2
22 - 23	5	6	0	1	3	5	2	6	3
23 - 24	5	5	0	1	3	3	5	6	3
SUMAS	148	73	37	47	87	80	76	152	44
% de frec. por dirección	19.9	9.8	5.0	6.3	11.7	10.8	10.2	20.4	5.9

NUBES. VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	98	99	99
2	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	8	9
3	Ci Cc	2	Ci	4	Cs	7	Ci	7	Claro	0	7	9	9
4	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	9	9
5	Claro	0	Claro	0	As	1	Ac	4	Ac	1	1	9	9
6	Sc	8	St	8	Ns	8	Ns	8	St	8	6	6	8
7	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
8	Cc	1	Claro	0	Claro	0	Ci	4	Ci	2	4	9	9
9	St	7	Cu	2	Claro	0	Claro	0	Claro	0	8	9	9
10	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	9	9
11	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	6	8	8
12	Claro	0	Claro	0	Ci	2	Ci	1	Claro	0	7	8	9
13	Ci	1	Cu	1	Claro	0	Claro	0	Claro	0	7	9	9
14	Claro	0	Cs	2	Ci	8	Cs	8	Ci	5	6	8	9
15	Cs	8	Cs	8	Ac	8	Ac 1 Cs 7	8	Ac	5	7	7	7
16	Cu	3	Ac	2	Ac	6	Cu	4	Claro	0	7	7	9
17	Ci	2	Ci	1	Ci	1	Claro	0	Claro	0	8	9	8
18	Ac	4	Ac	3	Ac	1	Ac	2	Claro	0	3	7	8
19	St	8	St	8	Frs	8	Ns	8	St	8	4	4	6
20	N	9	Cu	1	Sc	5	Ac	4	Sc	7	2	8	8
21	Frs	8	Ns	8	Frs	8	St	8	Sc	8	6	5	8
22	N	9	St	8	St 5 Ci 2	7	Sc	8	St	8	1	7	8
23	Ac	4	Ac	1	Claro	0	Claro	0	Claro	0	9	9	9
24	Cs	8	Cs	6	Ci	5	Cs	7	Cs	8	6	9	9
25	Frs	8	Ac	8	Sc	8	Sc	8	St	2	7	8	9
26	Ci	2	Ci	1	Ci	1	Ci	4	Ci	3	8	9	8
27	Sc	8	Sc	8	Sc	7	Ac	4	Cs	6	7	8	8
28	Ci	1	Ci	1	Cu	2	Cu 3 Ci 1	4	Ci	6	7	9	8
29	St	8	Ac	6	Ac	7	Ac	7	Ci	6	8	6	8
30	Ci	1	Claro	0	Cu	1	Claro	0	Claro	0	9	9	9
31	Sc	8	Sc	8	Sc	8	Sc	8	Sc	8	7	9	9
Prom.		4		3		4		4		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	24.0	7.5	1.34	0	5	4	Ne.
	10	30.8	11.9	1.54	0	5	5	
	12	35.4	15.9	1.58	0	5	5	
	14	33.3	15.3	1.46	0	5	5	
	15	30.5	14.5	1.30	0	5	5	
2	9	25.8	10.4	1.25	0	5	5	
	10	31.6	14.4	1.40	0	5	5	
	12	35.7	17.2	1.50	0	5	5	
	14	35.6	18.6	1.38	0	5	5	
	15	33.2	18.0	1.27	0	5	5	
3	9	18.1	8.6	0.77	3	5	5	
	10	30.2	14.0	1.32	3	5	5	
	12	37.4	18.4	1.54	6	4	5	
	14	22.5	14.6	0.64	7	1	5	
	15	30.4	17.0	1.09	6	3	5	
4	9	30.2	14.5	1.28	0	5	5	
	10	36.0	17.6	1.50	0	5	5	
	12	38.0	21.2	1.36	0	5	5	
	14	39.0	21.5	1.42	0	5	5	
	15	36.2	20.4	1.28	0	5	5	
5	9	27.6	11.6	1.30	0	5	2	N.
	10	33.5	15.6	1.46	0	5	3	Ne.
	12	39.1	20.9	1.48	0	5	4	B.
	14	38.9	21.9	1.38	1	5	5	
	15	28.9	19.0	0.80	4	3	5	
6	9	11.0	10.4	0.05	8	0	5	
	10				8	0	4	Am.
	12				8	0	4	Z.
	14				8	0	2	LL.
	15				8	0	4	LL.
7	9	25.5	9.3	1.32	0	5	5	
	10	30.1	11.8	1.49	0	5	5	
	12	34.9	15.7	1.56	0	5	5	
	14	32.7	14.9	1.45	0	5	5	
	15	30.5	13.6	1.37	0	5	5	
8	9	26.2	11.0	1.24	2	5	4	Ne.
	10	31.5	14.3	1.40	0	5	5	
	12	36.0	17.6	1.50	0	9	5	
	14	35.4	18.5	1.37	0	5	5	
	15	32.8	17.0	1.28	2	4	5	
9	9	30.5	14.0	1.34	1	5	4	B.
	10	34.0	15.5	1.50	1	5	5	
	12	36.0	16.9	1.55	2	5	5	
	14	35.1	16.2	1.54	0	5	5	
	15	31.2	14.8	1.33	0	5	5	
10	9	25.0	8.8	1.32	0	5	5	
	10	30.2	12.4	1.45	0	5	5	
	12	33.2	15.9	1.41	0	5	5	
	14	34.4	17.0	1.41	0	5	5	
	15	31.0	16.2	1.20	0	5	5	
11	9	25.6	10.4	1.24	0	5	4	Ne.
	10	31.2	13.9	1.41	0	5	5	
	12	37.5	19.2	1.49	0	5	5	
	14	37.6	20.6	1.38	0	5	4	B.
	15	34.0	19.8	1.15	0	5	4	B.
12	9	29.0	12.8	1.32	0	5	4	Ne.
	10	34.1	16.0	1.47	0	5	4	B.
	12	38.6	20.0	1.51	0	5	5	
	14	38.1	20.8	1.41	2	5	5	
	15	35.4	19.5	1.29	1	5	5	
13	9	28.9	13.4	1.26	1	5	4	B.
	10	34.4	16.6	1.45	1	5	5	
	12	39.0	21.0	1.46	1	5	5	
	14	39.0	22.0	1.38	0	5	5	
	15	37.2	20.5	1.36	0	5	5	
14	9	30.5	15.9	1.19	0	5	5	
	10	35.5	18.7	1.36	0	5	5	
	12	40.9	23.5	1.41	0	5	5	
	14	41.1	24.5	1.35	8	5	4	B.
	15	37.2	23.0	1.15	8	5	4	B.
15	9	23.0	17.0	0.49	8	1	4	Ne.
	10	30.8	20.5	0.84	8	1	4	Ne.
	12	38.5	25.5	1.06	8	1	4	B.
	14	30.0	23.9	0.50	8	0	5	
	15	30.6	23.9	0.54	8	1	5	
16	9	36.1	22.3	1.12	4	3	5	
	10	30.9	22.0	0.72	6	3	5	
	12	33.6	24.4	0.75	6	0	5	
	14	36.6	26.0	0.86	6	3	4	
	15	32.7	25.0	0.63	6	3	4	B.
17	9	28.0	13.0	1.22	3	5	5	
	10	33.2	15.0	1.48	2	5	5	
	12	38.5	20.4	1.47	1	5	5	
	14	37.7	19.2	1.50	1	5	5	
	15	35.5	18.5	1.38	1	5	5	
18	9	27.6	13.5	1.15	2	5	4	Ne.
	10	34.0	17.5	1.34	4	5	4	Ne.
	12	35.6	18.0	1.43	3	4	3	Ne.
	14	34.6	19.0	1.27	1	5	4	B.
	15	32.0	18.1	1.13	1	5	3	B.
19	9				8	0	2	Ne., Z.
	10				8	0	3	Ne., Z.
	12				8	0	4	Am.
	14				8	0	4	LL.
	15				8	0	3	N., LL.
20	9	13.2	10.5	0.22	8	0	3	N.
	10	27.4	14.2	1.07	7	2	4	N.
	12	33.6	17.4	1.32	6	3	5	N.
	14	31.2	18.0	1.07	5	3	5	N.
	15	26.2	16.0	0.83	5	2	3	Z.
21	9				8	0	3	LL.
	10				8	0	2	LL.
	12				8	0	2	LL.
	14				8	0	3	LL.
	15				8	0	3	Am.
22	9				8	0	2	N.
	10				8	0	3	N.
	12				8	0	3	N., Am.
	14	26.6	15.2	0.93	7	3	3	Ne.
	15	21.8	13.0	0.72	7	1	4	B.
23	9	26.7	11.0	1.28	5	2	5	
	10	34.8	15.0	1.61	2	5	5	
	12	37.2	17.5	1.60	0	5	5	
	14	37.0	18.4	1.51	0	5	5	
	15	34.3	17.1	1.40	0	5	5	
24	9	27.0	10.5	1.34	7	4	5	
	10	25.6	12.5	1.06	6	2	5	
	12	34.2	18.9	1.24	5	4	5	
	14	36.5	19.0	1.42	5	5	5	
	15	28.3	15.0	1.08	6	2	5	
25	9				8	0	4	LL.
	10				8	0	5	Am.
	12				8	0	5	Am.
	14	16.5	13.0	0.28	8	0	5	
	15	17.0	12.5	0.36	8	0	5	
26	9	25.2	9.8	1.25	1	5	4	B.
	10	33.6	14.0	1.59	2	5	5	
	12	36.2	17.0	1.56	0	5	5	
	14	35.7	17.2	1.50	1	5	5	
	15	33.4	16.0	1.41	4	4	5	
27	9	6.9	6.1	0.06	8	0	4	
	10				8	0	4	Am.
	12				8	0	4	Am.
	14				7	0	4	Am.
	15				8	0	4	Am.
28	9	27.4	9.6	1.41	1	5	5	
	10	32.1	12.9	1.56	1	5	5	
	12	35.4	15.4	1.63	2	5	5	
	14	36.0	16.4	1.59	2	5	5	
	15	26.0	13.0	1.06	3	3	5	
29	9	16.3	10.0	0.51	7	0	5	
	10	20.0	11.3	0.71	7	0	4	
	12	-	-	-	-	-	-	s/R.
	14	21.0	13.6	0.60	7	0	4	
	15	18.2	11.9	0.51	8	0	5	
30	9	27.6	10.9	1.36	1	5	5	
	10	31.6	13.2	1.50	0	5	5	
	12	35.4	16.2	1.56	0	5	5	
	14	33.9	15.8	1.47	1	5	5	
	15	31.4	14.9	1.34	0	5	5	
31	9	8.1	5.1	0.24	8	0	4	
	10	10.9	6.6	0.35	8	0	5	
	12				8	0	5	Am.
	14	15.5	9.5	0.49	8	0	5	
	15	13.2	8.3	0.40	8	0	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.3	9.8	85
2			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.8	9.8	90
3				1.0	0.8	1.0	0.9	0.9	0.7	0.5	0.1	0.1			6.0	9.8	61
4			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.6	9.8	88
5				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	9.8	86
6															0.0	9.8	00
7			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.8	9.9	89
8				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.2	9.9	83
9				0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5			7.5	9.9	76
10			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.8	9.9	89
11				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.2	9.9	83
12			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.8	9.9	89
13			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.8	9.5	89
14			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6				7.7	9.9	78
15					0.2	0.8	0.8	0.7	0.3	0.2					3.0	9.9	30
16				0.9	0.9	1.0	1.0	0.9	1.0	1.0	0.9				7.6	9.9	77
17			0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.4	10.0	84
18			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.6	10.0	86
19															0.0	10.0	00
20					0.2	0.7	1.0	1.0	1.0	0.8	0.6				5.3	10.0	53
21															0.0	10.0	00
22						0.4	0.6	0.5	0.8	0.7	0.4	0.2			3.6	10.1	36
23			0.3	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.6	10.1	85
24			0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5				7.4	10.1	73
25										0.1	0.4				0.5	10.1	05
26			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			9.0	10.2	88
27										0.3	0.5	0.1			0.9	10.2	09
28			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4			8.6	10.2	84
29					0.3	0.4	0.9	0.5	0.4		0.6	0.3			3.4	10.2	33
30			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.8	10.3	85
31															0.0	10.3	00
Medias			0.1	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.3			6.2	10.0	62

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	8.4	11.0	10.4	8.9	9.9	10.1	9.2	9.2	9.3	10.4	10.2	10.2	13.7	13.5	13.3
2	8.4	11.5	11.0	8.6	10.0	10.5	8.6	8.8	9.4	9.8	9.7	9.9	13.1	13.0	12.9
3	9.1	11.6	11.2	9.1	10.2	10.6	9.0	9.0	9.4	10.0	9.7	9.9	12.9	12.8	12.8
4	9.5	12.6	11.6	9.4	10.8	11.2	9.1	9.2	9.8	10.0	9.8	10.2	12.9	12.8	12.8
5	9.1	12.7	12.0	9.2	10.7	11.3	9.0	9.3	10.0	10.2	10.1	10.2	12.9	13.0	12.9
6	10.7	11.2	11.3	10.3	10.7	10.9	9.6	9.4	9.6	10.2	10.1	10.2	13.0	12.9	12.9
7	8.5	11.2	10.0	9.7	10.2	10.0	9.4	9.2	9.2	10.2	10.0	9.9	12.9	12.8	12.6
8	7.7	10.8	10.2	8.0	9.3	9.7	8.2	8.2	8.6	9.4	9.2	9.2	12.5	12.4	12.2
9	9.8	11.2	10.2	9.3	10.2	10.1	8.6	8.8	9.0	9.2	9.4	9.3	12.2	12.3	12.2
10	7.3	10.1	9.7	7.7	8.7	9.2	8.0	7.9	8.3	9.2	9.0	9.0	12.2	12.2	12.0
11	7.8	11.0	10.5	8.0	9.3	10.0	8.0	8.0	8.4	8.9	8.7	9.0	11.9	11.8	11.7
12	8.7	12.1	10.7	8.6	10.1	10.4	8.2	8.6	9.1	9.0	9.2	9.4	11.8	12.0	11.9
13	8.8	12.2	11.3	8.7	10.2	10.7	8.5	8.5	9.0	9.3	9.0	9.2	12.1	12.0	11.9
14	10.2	13.7	13.5	9.8	11.4	12.2	9.0	9.3	10.1	9.6	9.6	10.0	12.2	12.2	12.3
15	13.0	15.7	15.6	12.1	13.5	14.1	10.5	13.0	11.8	10.6	10.9	11.3	12.7	13.0	13.2
16	15.0	17.1	16.4	13.9	14.9	15.2	12.1	12.4	13.0	11.8	12.0	12.4	13.6	13.9	14.1
17	12.0	14.2	12.8	12.3	12.9	12.8	11.9	11.5	11.7	12.3	12.0	12.0	14.3	14.3	14.1
18	9.2	13.4	12.4	11.1	12.2	12.2	10.9	10.8	11.0	11.7	11.4	11.4	14.1	14.0	13.8
19	12.2	13.9	13.4	11.7	12.6	12.6	10.6	11.0	11.2	11.2	11.3	11.5	13.8	13.8	13.5
20	13.2	14.6	14.1	12.5	13.2	13.4	11.3	11.4	11.7	11.6	11.6	11.2	13.8	13.9	13.9
21	12.3	11.8	11.9	11.7	11.1	11.3	11.1	10.7	10.5	11.6	11.3	11.2	14.1	13.9	13.8
22	11.2	12.8	12.7	10.7	11.4	11.8	10.2	10.1	10.5	11.0	10.8	10.8	13.6	13.5	13.4
23	10.4	12.6	11.8	10.4	11.2	11.6	10.0	10.0	10.2	10.8	10.6	10.6	13.4	13.4	13.2
24	8.6	11.7	11.2	8.9	10.2	10.6	9.2	9.0	9.4	10.3	10.0	10.0	13.3	13.0	12.8
25	10.4	11.8	11.0	10.1	10.8	10.7	9.3	9.4	9.4	10.0	10.0	10.0	12.9	12.8	12.6
26	8.4	11.3	10.3	8.6	9.9	10.1	8.7	8.7	9.2	9.7	9.5	9.6	12.6	12.4	12.4
27	8.2	9.2	9.5	8.3	8.7	9.1	8.2	8.0	8.2	9.3	8.9	9.0	12.3	12.1	12.0
28	6.4	10.4	9.6	7.6	8.9	9.3	7.7	7.6	8.1	8.6	8.4	8.6	11.8	11.7	11.5
29	8.2	10.9	10.0	8.0	9.5	9.6	7.7	8.1	8.4	8.6	8.6	8.8	11.6	11.7	11.6
30	8.1	10.8	9.6	8.0	9.3	9.5	7.7	8.0	8.5	8.7	8.7	9.0	11.6	11.7	11.6
31	7.8	9.2	9.1	7.8	8.4	8.6	7.6	7.6	7.7	8.7	8.3	8.2	11.7	11.4	11.3
Prom.	9.6	12.1	11.4	9.6	10.7	11.0	9.3	9.4	9.7	10.1	9.9	10.0	12.8	12.8	12.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.2	0.9	0.8	2.2	M.22	-	-	-	-		9477
2					0	0.5	1.1	0.6	1.9							9482
3					0	0.2	0.8	0.4	1.4							9489
4					0	0.2	0.9	0.7	1.7							9496
5					0	0.1	0.8	0.6	1.6							9499
6					2	0.2	0.1	0.1	0.9	M.23	-	-	-	-		9505
7	8.9	9.4	8.7	8.7	2	0.7	0.9	0.7	1.9							9503
8					1	0.3	1.4	1.2	3.6							9511
9					1	1.0	1.1	1.0	2.5							9511
10					1	0.4	2.6	0.2	3.0							9524
11					1	0.2	1.4	0.8	2.7	M.24	22.8	22.0	22.6	24.0		9528
12					0	0.5	1.1	0.9	2.4							9533
13					0	0.4	0.9	0.8	1.9							9537
14					0	0.2	0.7	0.8	2.3							9545
15					0	0.8	0.9	0.9	2.9							9555
16					0	1.1	1.5	0.9	3.2	M.25	20.0	19.1	22.7			9551
17					0	0.8	1.0	0.7	1.8							9565
18					0	0.1	1.0	0.8	2.2							9571
19					2	0.4	0.1	0.0	0.2							9577
20	11.4	12.0	11.9	11.1	2	0.1	0.4	0.3	1.2							9553
21	16.2	16.5	16.1	16.0	2	0.5	0.1	0.2	0.3	M.26	-	-	-	-		9565
22	30.5	31.5	29.8	29.0	2	0.0	0.3	0.4	0.8							9308
23					2	0.1	1.1	0.7	1.9							9311
24					2	0.1	1.6	1.1	3.9							9351
25	0.0	0.0	0.0	0.0	2	1.2	0.3	0.5	1.6							9356
26	1.5	1.9	1.4	1.1	1	0.8	1.0	0.7	2.1	N. 1	23.1	23.3	23.8			9366
27					1	0.4	0.4	0.4	1.0							9365
28					1	0.2	0.6	0.4	1.2							9369
29					1	0.2	1.0	0.6	1.9							9377
30					1	0.3	0.9	0.6	1.6							9378
31					1	0.1	0.3	0.4	1.1							9385
Prom.	68.5	71.3	67.9	65.9	-	0.4	0.9	0.6	1.9	-	-	-	-	-	-	9472

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
13.0	13.0	12.8	14.3	14.6	14.6	17.6	18.9	- 6.2	Ca. m. t. y n., h.Ne. m., r. n.
12.6	12.5	12.3	15.0	15.2	15.2	17.6	18.9	- 2.5	Ca. m. t. y n., h.Ne. m., r. n.
12.4	12.3	12.1	15.1	15.2	15.1	17.5	18.8	- 1.2	Ca. m. y n., Cn. t., r. m. y n., h. m.
12.2	12.1	12.1	15.1	15.1	15.0	17.5	18.8	0.0	Ca. m. t. y n., r. m. y n.
12.1	12.3	12.1	14.8	14.8	14.8	17.5	18.8	- 2.1	Ca. m. t. y n., N. m., r. n., h. m.
12.2	12.2	12.2	14.9	14.8	14.8	17.4	18.8	1.5	Cn. m. t. y n., r. m., LL. m. y t.
12.2	12.1	11.9	14.7	14.8	14.7	17.4	18.8	- 0.8	Ca. m. t. y n., r. n., h. m.
12.0	11.8	11.6	13.4	13.6	13.5	17.3	18.6	- 3.6	Ca. m. t. y n., h.Ne. m., Ne.r. n.
11.5	11.6	11.6	13.5	13.5	13.5	17.1	18.6	4.1	Cn. m., Ca. t. y n., B. m., r. n.
11.5	11.5	11.5	13.2	13.7	13.5	17.0	18.6	-	Ca. m. t. y n., h. m., r. n.
11.2	11.2	11.1	13.2	13.2	13.3	17.0	18.5	- 2.0	Ca. m. t. y n., h.Ne. m., B. t. y n., r. n.
11.2	11.3	11.3	13.1	13.2	13.2	17.0	18.5	- 2.1	Ca. m. t. y n., h. m., r. n., Ne. m.
11.4	11.4	11.2	13.0	13.1	13.1	16.9	18.5	- 3.6	Ca. m. t. y n., h.Ns. m., r. n.
11.4	11.4	11.5	13.1	13.1	13.1	16.7	18.5	1.9	Ca. m., Cn. t. y n., B. t., r. m. y n.
11.7	12.0	12.2	13.2	13.2	13.2	16.6	18.5	10.6	Cn. m. t. y n., Ne.r. m.
13.5	13.6	13.5	13.2	13.2	13.2	16.6	18.4	12.0	Ca. m. y n., Cn. t., r. m. y n., B. t.
13.2	13.2	13.0	13.3	13.4	13.5	16.6	18.4	- 1.4	Ca. m. t. y n., r. m. y n., Ne. n., h. m.
13.1	13.0	13.0	13.3	13.5	13.5	16.5	18.3	- 0.2	Cn. m.,Ca. t.y n.,r. m.y n.,N. m.,B. t,Ne. n.
12.9	13.0	13.0	13.6	13.6	13.6	16.5	18.4	2.9	Cn. m. t. y n., N.r.Z. m., LL. t.
12.8	13.0	12.9	13.7	13.8	13.7	16.4	18.2	8.3	Cn. m. t. y n., N. m., B.Z. t., Ne. n.
13.0	13.0	12.9	13.6	13.7	13.8	16.2	18.0	6.1	Cn. m. t. y n., LL. m. y t.,Ne.m.y t,Ru.m,Z.t.
12.6	12.7	12.5	13.7	13.8	13.8	16.0	17.9	4.4	Cn. m. t. y n., N. m., Ne. t., r. n.
12.5	12.5	12.4	13.8	13.8	13.7	16.0	17.8	- 1.2	Cn. m., Ca. t. y n., r. m. y n., h. m.
12.4	12.3	12.1	13.6	13.7	13.7	16.0	17.8	- 6.2	Ca. m. t. y n., h. m., Dl.Jl. n.
12.0	12.0	12.0	13.6	13.7	13.6	16.1	17.9	2.9	Cn. m. y t., Ca. n., Z. m., r. n.
11.9	11.9	11.7	13.5	13.6	13.5	16.0	17.9	- 4.7	Ca. m. t. y n., Ne. m., r. m. y n., n. m.
11.6	11.5	11.3	13.4	13.4	13.3	16.1	17.8	- 2.9	Cn. m. t. y n,r. m. y n,Dl.Jl. n,CH.t,h. m.
11.7	11.1	10.9	13.2	13.3	13.3	16.1	17.8	- 4.4	Ca. m. y t.,Cn. n.,h. m,Jl. n,Ne.r. n.
11.0	11.1	11.0	13.2	13.2	13.1	16.0	17.8	- 1.2	Cn. m. t. y n., Ne. m. y t., r.Jl. t.
10.9	11.1	11.0	13.0	13.0	13.0	16.0	17.8	- 1.5	Ca. m. t. y n., r. m. y n.
11.0	10.9	10.8	12.8	12.9	12.9	16.0	17.8	- 3.6	Cn. m. t. y n., r. m.
12.1	12.1	12.0	13.7	13.7	13.7	16.7	16.7	0.1	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	60.2	67.2	9,10	24,0	50.4	6	16	8.0	14.0	2.5	18.9	5	15	- 1.1	10	7-8	7.3	9.8	75
2ª	60.8	65.6	11	8	52.8	16	15	12.5	18.4	7.3	24.1	16	14-15	1.9	11	7-8	6.6	9.9	67
3ª	62.4	67.8	30,31	24;0,1	52.8	21	14-15	7.4	12.0	3.2	15.1	24	14	0.6	24	6	4.6	10.2	45
MES	61.2	67.8	30,31	24;0,1	50.4	6	16	9.2	14.7	4.3	24.1	16	14-15	- 1.1	10	7-8	6.2	10.0	62

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	79	100	varios	35	9	6.2	9.6	3.6	NW	12	36	6, 8,9	25	8	14-15	40	SW	9	12.33	9.4	9.4	7	2.5	6	15-16
2ª	80	100	varios	40	12	8.6	15.0	4.4	N	12	36	15, 16	24	16	10-11 11-12	33	NW	16	10.31	12.0	12.0	20	5.0	19	18-19
3ª	81	100	varios	35	26	6.0	9.0	3.6	S	6	24	varios	21	24	12-13	27	E	21	9.08	49.9	31.5	22	8.5	21	11-12
MES	80	100	varios	35	9,26	6.9	15.0	3.6	NW	11	36	varios	25	8	14-15	40	SW	9	12.33	71.3	31.5	22	8.5	21	11-12

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	9	1	3	1	-	-	-	1	-	-	-	-	-	-	2	-	-
2ª	5	5	5	5	-	-	-	1	2	-	-	-	-	-	2	-	-
3ª	7	-	5	1	-	-	-	1	2	-	1	-	-	-	1	1	-
MES	21	6	13	7	-	-	-	3	4	-	1	-	-	-	5	1	-

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	10	4	-	-	-	-	-	-	-	-	-	9	1	2	-	-
2ª	8	3	-	-	-	-	-	-	-	-	-	6	4	-	-	-
3ª	9	2	-	-	-	-	2	-	4	-	-	3	8	-	-	-
MES	27	9	-	-	-	-	2	-	4	-	-	18	13	2	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V AGOSTO 1950 Nº. 8

RESUMEN MENSUAL

Los primeros días del mes se encuentran bajo la influencia del aire muy frío que llegara al finalizar Julio. Las mínimas diarias oscilan en el punto de congelación; el día 4 por la mañana se registra el valor más bajo con -1.4°C. La presión acusa al mismo tiempo valores muy altos; el 2 se registra la máxima mensual con 775.8 mm. El cambio del viento al N y su intensificación terminan con este período de frío intenso restableciéndose los valores normales hasta el fin de la década.

Desde el día 11 hasta el 14 el tiempo revista carácter primaveral con cielo claro y temperaturas algunos grados superiores al promedio normal. El día 15 se acentúa en forma notable la corriente del N; las ráfagas máximas, acompañadas por lluvias durante la noche alcanzan 48 km/h. Antes del pasaje de un frente frío la presión desciende el 16 por la mañana al nivel mínimo de 746.0 mm. Un constante aflujo de aire fresco y seco de origen polar restablece el tiempo invernal, el que dura hasta el fin de la segunda década. La tensión del vapor registra en este ambiente su valor mínimo mensual con 3.2 mm.

El principio de la última década se caracteriza por un nuevo e intenso aporte de aire tropical, con un marcado ascenso de la temperatura y formación de nieblas matinales. Temperatura y humedad marcan el 22 valores excepcionalmente altos (29.4°C y 18.5 mm). A este período de tiempo caluroso y húmedo pone fin un empuje de aire fresco que atraviesa el Observatorio el 24 por la tarde. En los días siguientes reina buen tiempo aunque con cielo intermitentemente nublado. El 28 gira el viento al NE con lo que la nubosidad y temperatura aumentan en forma considerable. El 29 una masa de aire polar marítimo desplaza al de origen tropical produciéndose lluvias. Con la llegada luego de una intensa corriente polar y vientos del SE, prodúcese un marcado descenso de la temperatura. Los dos últimos días del mes se destacan por un continuo y en parte intenso aflujo de aire desde el SE con tiempo lluvioso. El 31 es también el único día del mes completamente nublado.

El intenso y frecuente aporte de aire tropical hace que el promedio de la temperatura exceda en 1.0°C la normal; la presión es a su vez en 1.0 mm inferior a su término medio; la precipitación mensual registra sin embargo valores muy por debajo de los corrientes.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	52	43	44	41	21	-	-	-	48	75	75	69	54	59	52
2	43	30	48	73	56	43	17	16	41	121	119	95	85	91	93
3	65	66	65	39	43	69	85	89	89	133	108	107	86	90	100
4	28	34	-	-	12	14	19	-	- 7	-	19	17	19	21	39
5	30	30	30	30	35	35	35	54	71	83	73	69	67	54	46
6	43	-	-	-	-	-	-	32	35	30	30	24	32	41	48
7	17	17	23	26	39	37	32	23	37	28	39	30	37	30	34
8	10	10	9	26	14	-	-	-	35	32	35	32	37	30	34
9	39	43	32	14	39	30	37	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	54	64	10	50	52	54
11	12	12	-	-	-	-	-	14	30	54	66	69	56	66	73
12	56	56	48	41	41	-	-	-	-	-	-	-	-	69	68
13	30	28	7	12	10	19	39	54	54	66	65	56	62	61	54
14	65	62	59	59	54	50	46	52	69	75	79	90	94	117	95
15	98	90	86	85	78	83	83	107	116	89	56	62	26	26	14
16	-	-	-	-	-	-	-	-	52	66	65	59	61	59	34
17	59	61	65	59	66	86	96	111	116	69	96	-16	-50	5	48
18	145	135	106	56	59	87	87	59	72	73	74	59	30	41	50
19	52	59	83	79	68	81	107	112	100	107	89	78	98	99	83
20	66	59	56	43	50	46	46	72	104	119	127	132	132	145	143
21	-	-	-	23	30	23	28	70	-	28	41	48	46	46	46
22	39	34	56	54	54	83	83	73	28	23	5	5	5	10	12
23	23	14	10	12	14	14	14	10	19	21	17	19	30	30	32
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	41	41	41	50	61	46	54	68	74	78	74	78	78	75	83
26	54	30	37	54	17	19	17	62	69	100	103	104	100	98	102
27	-	-	-	-	-	-	-	-	-	-	28	62	79	79	75
28	-	-	-	-	-	-	-	-	50	50	5	14	10	46	59
29	32	39	59	73	-	-	-	-	-	86	75	66	65	73	78
30	50	54	52	48	52	59	62	56	52	64	70	106	106	111	96
31															
Prom.	59.7	59.6	56.4	48.0	49.8	59.1	67.8	72.8	77.4	83.1	80.8	69.7	63.4	72.6	72.8

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	10.01	10.35	20.36	0.97	9.55	12.73	22.28	0.74	0.94	0.94	1.88	1.00	1.03	1.34	2.37	0.77
2	9.31	9.35	18.66	0.99	5.85	6.25	12.10	0.94	1.01	1.16	2.17	0.87	0.60	0.55	1.15	1.09
3	4.85	4.92	9.77	1.00	9.58	6.80	16.38	1.40	0.51	0.48	0.99	1.06	0.92	0.97	1.89	0.95
4	9.31	10.49	19.80	0.88	7.69	8.23	15.92	0.94	0.93	1.16	2.09	0.80	0.82	0.75	1.57	1.09
5	10.32	11.64	21.96	0.88	8.08	10.70	18.78	0.75	1.35	2.41	3.76	0.56	1.30	1.12	2.42	1.16
6	7.54	9.49	17.03	0.81	5.80	5.71	11.51	1.01	0.88	1.07	1.95	0.82	0.72	0.75	1.47	0.96
7	3.93	3.74	7.67	1.07	7.40	7.14	14.54	1.04	0.54	0.57	1.11	0.95	0.82	0.88	1.70	0.93
8	8.28	6.95	15.23	1.20	8.60	9.50	18.10	0.91	0.94	0.89	1.83	1.06	1.18	1.24	2.42	0.95
9	7.36	8.86	16.22	0.83	6.24	6.83	13.07	0.92	0.90	0.92	1.82	0.98	0.98	1.00	1.98	0.98
10	1.98	1.15	3.13	1.73	1.76	1.74	3.50	1.04	0.17	0.17	0.34	1.00	0.32	0.17	0.49	1.88
11	5.04	5.48	10.52	0.92	6.00	6.83	12.83	0.89	0.65	0.54	1.19	1.20	0.78	0.84	1.62	0.93
12	6.18	6.66	12.84	0.93	8.53	8.82	17.35	0.97	0.80	0.79	1.59	1.01	1.15	2.12	3.27	0.54
13	4.55	5.34	9.89	0.86	5.94	6.28	12.22	0.94	0.69	0.74	1.43	0.93	0.77	0.71	1.48	1.08
14	3.95	4.34	8.29	0.90	4.32	4.38	8.70	0.98	0.54	0.55	1.09	0.98	0.58	0.60	1.18	0.97
15	5.84	5.84	11.68	1.00	5.16	5.58	10.74	0.92	0.73	0.62	1.35	1.18	0.69	0.70	1.39	0.98
16	6.46	7.47	13.93	0.87	5.77	5.02	10.79	1.15	0.72	0.85	1.57	0.85	0.65	0.60	1.25	1.08
17	6.55	6.76	13.31	0.98	12.60	12.60	25.20	1.00	0.89	0.96	1.85	0.93	1.62	1.64	3.26	0.99
18	8.49	8.06	16.55	1.06	7.68	7.76	15.44	0.99	0.94	0.91	1.85	1.03	0.43	0.45	0.88	0.96
19	6.98	5.54	12.52	1.24	5.63	5.63	11.26	1.00	0.90	0.79	1.69	1.14	0.70	0.71	1.41	0.99
20	2.41	3.25	5.66	0.73	2.13	2.50	4.63	0.85	0.34	0.35	0.69	0.97	0.24	0.27	0.51	0.89
21	3.18	2.88	6.06	1.13	3.89	3.96	7.85	0.98	0.43	0.37	0.80	1.16	0.62	0.52	1.14	1.19
22	6.26	8.47	14.73	0.73	2.99	4.48	7.47	0.67	0.71	0.70	1.41	1.01	0.43	0.52	0.95	0.83
23	4.12	4.72	8.84	0.86	3.25	1.68	4.93	2.00	0.52	0.47	0.99	1.11	0.62	0.64	1.26	0.97
24	4.78	5.85	10.63	0.82	6.70	7.66	14.36	0.87	0.58	0.53	1.11	1.09	0.74	1.36	2.10	0.54
25	6.59	6.86	13.45	0.96	6.33	6.21	12.54	1.02	0.95	0.86	1.81	1.10	0.97	0.85	1.82	1.14
26	4.02	3.54	7.56	1.13	3.72	3.86	7.58	0.96	0.59	0.47	1.06	1.26	0.62	0.41	1.03	1.51
27	3.82	4.79	8.61	0.80	5.18	5.10	10.28	1.02	0.49	0.49	0.98	1.00	0.64	0.61	1.25	1.05
28	6.69	6.98	13.67	0.96	9.48	10.70	20.18	0.89	0.82	0.80	1.62	1.02	1.09	1.34	2.43	0.81
29	7.14	9.42	16.56	0.76	5.86	4.72	10.58	1.24	1.00	1.32	2.32	0.76	0.77	0.63	1.40	1.22
30	2.41	3.87	6.28	0.62	3.64	4.11	7.75	0.89	0.45	0.44	0.89	1.02	0.46	0.44	0.90	1.04
31	-	-	-	-	-	-	-	-	2.60	3.77	6.37	0.69	0.30	0.67	0.97	0.45
Prom.	5.94	6.44	12.38	0.92	6.18	6.45	12.63	0.96	0.79	0.87	1.66	0.91	0.76	0.82	1.58	0.93

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
71	81	95	103	103	81	75	63	57		117	00	117	0*
95	73	111	99	-	-	30	37	52		153	3	150	0*
92	104	90	64	41	37	28	46	52	74.5	172	-23	195	1
61	73	66	21	34	23	28	37	37		104	-54	158	2*
54	54	109	123	79	89	77	59	57	60.1	273	24	149	0
57	61	30	-	-	-	-	-	-		87	-41	128	1*
52	54	68	-	93	50	37	21	14		114	-61	175	2*
56	73	73	73	52	46	44	41	43		87	00	87	0*
-	-	-	39	65	59	39	32	14		115	-46	161	1*
75	96	90	28	52	56	-	-	- 3		116	-76	192	1*
83	85	91	86	86	23	- 3	14	26		143	-59	202	2*
77	92	85	86	85	74	48	39	19		116	- 3	119	1*
66	74	83	78	66	91	100	78	72	55.2	129	-17	146	1
91	89	91	120	115	128	118	83	69	82.1	157	21	136	0
12	50	28	$-\infty$	$\pm\infty$	$\pm\infty$	-	-	-		∞	$-\infty$	-	3*
37	73	94	72	78	72	69	70	96		182	-293	475	3*
65	96	122	140	148	96	96	108	141	78.4	181	-152	333	1
62	72	74	75	70	65	64	59	62	72.3	158	00	158	0
99	124	136	127	137	119	94	82	81	95.6	182	12	170	0
153	-	-	-	-	-	-	-	-		169	00	169	0*
46	107	98	92	89	73	56	26	41		126	-16	142	2*
12	7	54	50	46	30	17	10	19		124	-21	145	2
30	54	41	19	10	14	19	23	19		104	-13	117	2
-	-	-	43	37	37	41	46	46		78	-87	165	2*
86	79	91	96	99	90	70	46	62	69.2	158	-16	174	1
89	87	89	102	83	69	98	26	21		124	-37	161	2
46	32	-	-	-	-	-	-	-		98	-17	115	*
50	59	48	65	66	62	48	50	52		102	-117	219	2*
78	77	74	74	73	73	62	62	54		114	-134	248	1*
95	96	107	114	122	107	92	95	85	81.3	139	23	116	0
-	-	-	-	-	-	81	78	52		∞	$-\infty$	-	3*
78.9	87.6	100.3	104.1	97.4	91.3	82.1	72.9	75.7	74.3				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
73	69	75	4.32	5.92	1079	1014	2093	1.06	0.38	0.18
129	95	95	6.87	3.64	865	1025	1890	0.84	1.39	-
104	104	79	3.43	4.98	861	662	1523	1.30	1.91	-
14	14	61	0.98	3.19	1016	754	1770	1.35	0.97	1.10
69	73	56	9.15	4.52	1079	1224	2303	0.88	1.53	2.10
35	24	57	1.56	2.79	914	916	1830	1.00	1.06	-
39	26	52	0.96	2.95	813	970	1783	0.84	0.74	1.70
34	24	61	1.46	4.92	589	964	1553	0.61	3.50	1.02
-	-	-	-	-	763	1025	1788	0.74	1.30	1.00
66	26	81	0.29	1.32	159	195	354	0.82	2.51	-
69	69	86	2.74	4.64	607	754	1361	0.80	1.27	0.82
-	-	83	-	9.05	1295	507	1802	2.56	2.85	-
66	66	72	3.15	3.55	968	1079	2047	0.90	0.83	0.58
81	89	91	3.23	3.58	702	710	1412	0.99	-	-
61	68	- 3	3.06	0.14	763	916	1679	0.83	0.79	-
62	56	43	2.93	1.79	1079	1067	2146	1.01	1.34	0.79
118	28	69	1.73	7.50	509	754	1263	0.68	0.40	1.10
74	65	66	4.01	1.94	1079	1067	2146	1.01	0.19	0.56
81	77	106	4.34	4.98	509	861	1370	0.59	0.40	1.91
127	133	155	3.06	2.64	270	408	678	0.66	-	-
41	46	52	1.23	1.98	733	540	1273	1.36	3.60	1.52
-	5	10	0.24	0.32	1295	301	1596	4.30	3.02	-
14	12	46	0.40	1.93	607	754	1361	0.80	2.88	3.26
-	-	-	-	-	918	964	1882	0.95	2.68	2.04
75	81	86	4.89	5.22	974	865	1839	1.13	1.03	0.95
98	104	79	3.67	2.71	595	301	896	1.98	1.73	2.55
37	56	17	1.83	0.71	964	972	1936	0.99	-	0.26
7	19	61	1.03	4.94	811	914	1725	0.89	1.78	1.94
73	73	78	5.64	3.64	103	700	803	0.15	-	2.93
78	106	96	3.14	2.88	649	555	1204	1.17	1.28	-
-	-	-	-	-	306	1060	1366	0.29	3.87	2.42
66	60	68	2.94	3.51	770	800	1570	0.96	1.68	1.46

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 1.5	- 1.5	- 1.5	1.9	- 4.5	- 6.1	- 1.5	1.9	- 3.0	- 9.0	- 7.5	-10.5	-10.5
2	- 9.0	- 7.5	- 6.1	- 6.1	-	-	-16.5	-18.0	-19.5	-19.5	-24.0	-13.5	-18.0
3	- 7.5	- 6.1	- 7.5	- 7.5	-13.5	-16.5	-12.0	-10.5	-16.5	-21.0	-19.5	-21.0	-16.5
4	- 6.1	- 4.5	- 4.5	- 1.5	- 9.0	-13.5	- 9.0	- 7.5	- 9.0	- 9.0	- 7.5	- 6.1	-10.5
5	1.9	7.7	9.6	7.7	1.9	1.9	1.9	- 3.0	- 7.5	- 6.1	- 6.1	- 4.5	- 6.1
6	1.9	1.9	1.9	1.9	- 4.5	- 6.1	- 7.5	- 9.0	-16.5	-18.0	- 6.1	- 7.5	- 4.5
7	1.9	7.7	7.7	1.9	1.9	- 7.5	1.9	- 1.5	- 1.5	- 1.5	3.8	1.9	3.8
8	17.3	-10.5	- 9.0	5.8	5.8	1.9	7.7	3.8	1.9	- 7.5	- 1.5	3.8	1.9
9	21.2	7.7	5.8	11.6	3.8	- 4.5	- 1.5	1.9	- 3.0	- 4.5	- 3.0	3.8	7.7
10	9.6	7.7	5.8	11.6	5.8	1.9	3.8	7.7	1.9	9.6	- 6.1	- 7.5	5.8
11	3.8	9.6	17.3	17.3	7.7	- 1.5	3.8	11.6	3.8	- 4.5	- 7.5	1.9	- 4.5
12	5.8	3.8	5.8	9.6	3.8	1.9	3.8	-	- 7.5	- 7.5	1.9	7.7	3.8
13	13.5	15.0	15.0	19.2	15.4	9.6	7.7	11.6	5.8	5.8	3.8	5.8	1.9
14	7.7	9.6	9.6	11.6	5.8	- 4.5	3.8	-	-	5.8	- 1.5	3.8	1.9
15	21.2	3.8	9.6	7.7	1.9	- 1.5	3.8	- 1.5	- 1.5	1.9	7.7	5.8	7.7
16	- 9.0	- 6.1	- 9.0	- 7.5	- 9.0	- 9.0	- 4.5	- 9.0	- 7.5	- 9.0	- 7.5	- 4.5	- 4.5
17	- 3.0	- 1.5	1.9	- 4.5	- 9.0	- 9.0	- 6.1	-10.5	-12.0	-12.0	- 9.0	- 7.5	- 1.5
18	1.9	3.8	3.8	5.8	1.9	1.9	1.9	- 3.0	- 7.5	-10.5	- 6.1	- 1.5	- 1.5
19	- 3.0	1.9	1.9	7.7	9.6	1.9	15.4	-22.5	-36.0	-30.0	-12.0	-16.5	-16.5
20	- 1.5	- 1.5	15.4	25.0	40.4	30.8	25.0	15.4	23.1	-	-	11.6	1.9
21	7.7	13.5	5.8	3.8	3.8	1.9	3.8	- 3.0	- 6.1	- 7.5	- 1.5	3.8	7.7
22	11.6	13.5	13.5	9.6	1.9	3.8	1.9	1.9	-	1.9	3.8	11.6	7.7
23	15.4	15.4	17.3	15.4	3.8	1.9	3.8	1.9	- 3.0	- 6.1	5.8	3.8	7.7
24	15.4	21.2	21.2	21.2	11.6	7.7	1.9	1.9	1.9	- 1.5	9.6	15.4	13.5
25	15.4	13.5	17.3	15.4	9.6	3.8	1.9	1.9	1.9	- 1.5	5.8	7.7	7.7
26	11.6	13.5	15.4	17.3	7.7	1.9	5.8	1.9	- 3.0	- 6.1	3.8	3.8	1.9
27	3.8	13.5	15.4	15.4	11.6	7.7	9.6	1.9	1.9	1.9	3.8	- 4.5	- 3.0
28	7.7	19.2	17.3	17.3	7.7	3.8	15.4	7.7	1.9	- 3.0	3.8	1.9	9.6
29	17.3	13.5	21.2	23.1	9.6	9.6	7.7	3.8	- 1.5	1.9	- 3.0	5.8	11.6
30	23.1	11.6	15.4	13.5	5.8	1.9	1.9	1.9	- 1.5	1.9	3.8	3.8	1.9
31	9.6	11.6	17.3	11.6	7.7	3.8	1.9	3.8	- 6.1	- 3.0	5.8	3.8	1.9
Prom	6.6	6.5	8.1	9.1	4.6	0.7	2.5	- 0.6	- 4.3	- 5.6	- 2.1	0.1	0.3
Var.	6.6	6.5	8.1	9.1	4.6	0.7	2.5	- 0.6	- 4.3	- 5.6	- 2.1	0.1	0.3

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 1.4	1.4	- 5.4	- 4.1	-15.0	-19.1	-15.0	-13.6	-10.9	-16.3	-12.2	-13.6	-15.0
2	- 4.1	- 2.7	- 5.4	- 4.1	-	-	-16.3	-10.9	-10.9	-10.9	-12.2	-16.3	-15.0
3	- 6.8	- 5.4	- 5.4	- 6.8	-13.6	-19.1	-19.1	-12.2	-16.3	-19.1	-12.2	-15.0	-16.3
4	- 2.7	- 1.4	- 6.8	- 5.4	-19.1	-21.8	-19.1	-13.6	-10.9	-15.0	-13.6	-16.3	-15.0
5	- 6.8	1.4	- 9.5	- 6.8	- 9.5	-10.9	-10.9	-15.0	-20.4	-20.4	-19.1	-19.1	- 9.5
6	- 4.1	- 2.7	- 5.4	- 2.7	-17.7	-19.1	-15.0	-12.2	-23.1	-25.9	- 8.2	-10.9	-12.2
7	- 6.8	- 1.4	- 2.7	- 2.7	- 8.2	-17.7	- 9.5	-13.6	-13.6	-15.0	-13.6	-15.0	-12.2
8	- 5.4	1.4	- 4.1	- 4.1	-17.7	-25.9	-19.1	-17.7	-19.1	-28.6	-12.2	-10.9	-10.9
9	1.4	2.7	- 1.4	- 4.1	-12.2	-19.1	-17.7	-10.9	-15.0	-12.2	-10.9	- 9.5	-10.9
10	- 5.4	- 2.7	- 4.1	- 5.4	-12.2	-19.1	-17.7	- 9.5	-10.9	- 8.2	-12.2	-13.6	-15.0
11	- 5.4	- 2.7	- 5.4	- 5.4	-13.6	-20.4	-19.1	-12.2	- 9.5	-12.2	-12.2	-15.0	-16.3
12	- 1.4	- 1.4	- 4.1	- 4.1	-13.6	-23.1	-21.8	-	-23.1	-17.7	- 8.2	-10.9	- 9.5
13	- 8.2	- 4.1	- 4.1	- 5.4	- 5.4	- 6.8	- 6.8	-10.9	-15.0	-17.7	-20.4	-16.3	-15.0
14	- 4.1	1.4	- 1.4	- 5.4	-16.3	-20.4	-17.7	-	-	-16.3	- 8.2	-16.3	-15.0
15	- 6.8	- 1.4	- 4.1	- 6.8	-15.0	-24.5	-16.3	-15.0	-15.0	-12.2	- 9.5	-13.6	-12.2
16	- 8.2	- 5.4	- 6.8	- 8.2	-17.7	-23.1	-20.4	-16.3	-15.0	-17.7	-13.6	-12.2	-16.3
17	- 6.8	- 6.8	- 9.5	- 8.2	-17.7	-17.7	-19.1	-17.7	-20.4	-23.1	-16.3	-24.5	-24.5
18	- 6.8	- 2.7	- 8.2	- 6.8	-15.0	-20.4	-16.3	-15.0	-16.3	-20.4	-15.0	-17.7	-19.1
19	- 5.4	- 6.8	- 8.2	- 9.5	-20.4	-24.5	-20.4	-15.0	-20.4	-23.1	-15.0	-16.3	-16.3
20	- 8.2	- 5.4	- 8.2	- 9.5	-12.2	-15.0	-13.6	-17.7	-19.1	-	-	-23.1	-21.8
21	-10.9	- 6.8	- 9.5	- 8.2	-19.1	-24.5	-20.4	-16.3	-17.7	-17.7	-13.6	-15.0	-19.1
22	- 2.7	- 2.7	- 5.4	- 6.8	-16.3	-17.7	-21.8	-17.7	-	-17.7	-20.4	-17.7	-21.8
23	- 6.8	- 5.4	- 4.1	- 5.4	-13.6	-21.8	-19.1	- 9.5	-16.3	-17.7	-12.2	-12.2	-10.9
24	- 5.4	- 2.7	- 4.1	- 5.4	-10.9	-19.1	-17.7	-17.7	-15.0	-17.7	-13.6	-13.6	-12.2
25	- 5.4	- 6.8	- 9.5	- 9.5	-17.7	-25.9	-24.5	-17.7	-16.3	-15.0	-17.7	-17.7	-20.4
26	- 6.8	- 5.4	- 8.2	-13.6	-21.8	-24.5	-21.8	-20.4	-35.4	-29.9	-17.7	-19.1	-20.4
27	- 9.5	- 8.2	- 8.2	- 8.2	-13.6	-16.3	-17.7	-24.5	-21.8	-24.5	-21.8	-23.1	-17.7
28	-13.6	- 5.4	- 8.2	- 9.5	-21.8	-23.1	-20.4	-17.7	-16.3	-20.4	-15.0	-13.6	-19.1
29	- 4.1	- 2.7	- 6.8	- 9.5	-21.8	-21.8	-17.7	-13.6	-17.7	-19.1	-13.6	-15.0	-19.1
30	- 6.8	- 5.4	- 5.4	- 8.2	-20.4	-25.9	-23.1	-16.3	-19.1	-16.3	-15.0	-17.7	-16.3
31	- 6.8	- 5.4	- 6.8	- 9.5	-19.1	-24.5	-23.1	-13.6	-17.7	-19.1	-19.1	-16.3	-17.7
Prom	- 5.9	- 3.3	- 6.0	- 6.8	-15.1	-19.8	-18.0	-15.0	-17.2	-18.2	-14.2	-15.7	-15.9
Var.	7.4	10.0	7.3	6.5	- 1.8	- 6.5	- 4.7	- 1.7	- 3.9	- 4.9	- 0.9	- 2.4	- 2.6

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-16.5	-15.0	-21.0	-25.5	-18.0	-16.5	-18.0	-16.5	-22.5	- 9.0	- 9.0	-10.0	2
-15.0	-24.0	-34.5	-31.5	-19.5	-21.0	-10.5	-12.0	- 6.1	- 6.1	-15.0	-16.0	2
-15.0	-15.0	-13.5	-19.5	-18.0	-13.5	- 7.5	- 9.0	- 6.1	3.8	- 7.5	-12.4	1
- 4.5	- 9.0	- 7.5	- 9.0	- 9.0	-10.5	- 4.5	- 9.0	- 6.1	1.9	- 4.5	- 7.0	0
- 9.0	- 7.5	-10.5	-15.0	-15.0	-10.5	-10.5	- 7.5	- 7.5	7.7	- 4.5	- 3.8	1
- 7.5	- 9.0	-15.0	-19.5	-13.5	-12.0	-12.0	- 6.1	- 7.5	- 3.0	1.9	- 7.3	1
-10.5	- 7.5	-12.0	-16.5	-16.5	-25.5	-42.0	-10.5	-12.0	11.6	15.4	- 4.4	2
- 3.0	1.9	- 7.5	- 9.0	- 6.1	- 7.5	1.9	1.9	13.5	9.6	3.8	0.9	2
- 6.1	- 3.0	1.9	- 6.1	- 6.1	- 3.0	- 7.5	13.5	5.8	13.5	11.6	2.6	1
1.9	- 7.5	- 6.1	- 1.5	- 6.1	- 6.1	1.9	1.9	5.8	19.2	5.8	2.8	2
1.9	- 3.0	- 3.0	1.9	- 3.0	- 4.5	- 9.0	- 4.5	3.8	7.7	11.6	2.4	0
9.6	3.8	1.9	- 6.1	1.9	1.9	7.7	7.7	11.6	9.6	11.6	4.1	0
3.8	- 1.5	- 3.0	- 6.1	- 1.5	- 1.5	- 1.5	3.8	- 1.5	5.8	9.6	5.7	1
1.9	1.9	1.9	- 1.5	- 4.5	3.8	- 1.5	- 1.5	3.8	1.9	5.8	2.9	1
5.8	3.8	- 6.1	- 6.1	3.8	3.8	3.8	11.6	7.7	- 3.0	- 9.0	3.4	1
- 6.1	- 9.0	-19.5	-22.5	-15.0	-13.5	-10.5	-10.5	- 7.5	- 6.1	- 4.5	- 9.2	0
- 4.5	- 9.0	-12.0	-13.5	- 9.0	- 9.0	- 7.5	- 1.5	- 6.1	5.8	3.8	- 6.1	1
- 9.0	-15.0	-13.5	-24.0	-19.5	-16.5	-19.5	-21.0	-13.5	- 1.5	- 1.5	- 6.8	1
- 4.5	1.9	- 3.0	-44.9	-75.1	-28.5	-22.5	- 7.5	7.7	- 9.0	34.6	-10.4	2
5.8	1.9	1.9	- 4.5	- 3.0	- 6.1	1.9	3.8	1.9	11.6	11.6	9.6	1
5.8	- 6.1	3.8	- 1.5	- 1.5	1.9	1.9	1.9	1.9	7.7	7.7	2.4	1
7.7	1.9	- 4.5	- 6.1	1.9	1.9	3.8	1.9	3.8	9.6	13.5	5.1	1
1.9	- 1.5	1.9	5.8	7.7	1.9	7.7	11.6	13.5	13.5	11.6	6.6	0
11.6	7.7	5.8	1.9	3.8	- 3.0	3.8	5.8	-	5.8	7.7	8.3	0
3.8	- 3.0	- 1.5	- 1.5	1.9	- 3.0	-	-	1.9	7.7	5.8	5.1	0
- 4.5	1.9	- 3.0	- 9.0	- 6.1	- 3.0	1.9	1.9	3.8	7.7	3.8	2.9	1
- 4.5	3.8	- 1.5	- 3.0	- 3.0	- 1.5	1.9	- 1.5	- 1.5	7.7	7.7	3.5	1
11.6	5.8	1.9	- 3.0	1.9	1.9	- 1.5	1.9	7.7	15.4	11.6	6.9	1
13.5	1.9	1.9	- 6.1	1.9	3.8	5.8	11.6	7.7	3.8	7.7	7.2	2
1.9	3.8	- 7.5	- 4.5	3.8	1.9	1.9	3.8	5.8	13.5	7.7	4.9	1
1.9	3.8	7.7	7.7	5.8	5.8	9.6	7.7	7.7	13.5	9.6	6.3	0
- 0.9	- 3.2	- 5.6	- 9.7	- 7.6	- 6.0	- 4.4	- 0.9	0.6	5.7	5.4	0.0	
- 0.9	- 3.2	- 5.6	- 9.7	- 7.6	- 6.0	- 4.4	- 0.9	0.6	5.7	5.4		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-10.9	-17.7	- 9.5	-16.3	-19.1	-16.3	-16.3	-13.6	- 6.8	- 2.7	- 4.1	-11.4	1
-16.3	-13.6	-20.4	-24.5	-17.7	-15.0	-16.3	-12.2	-12.2	- 6.8	- 4.1	-12.2	2
-17.7	-19.1	-12.2	-17.7	-19.1	-17.7	-13.6	-12.2	- 9.5	- 4.1	- 2.7	-13.0	1
-16.3	-15.0	-12.2	-15.0	-13.6	-15.0	-10.9	-15.0	- 9.5	- 2.7	- 4.1	-12.1	1
-17.7	-13.6	-16.3	-16.3	-17.7	-17.7	-17.7	- 8.2	- 8.2	- 4.1	- 2.7	-12.4	2
-12.2	- 8.2	-20.4	-24.5	-17.7	-17.7	-17.7	-12.2	- 8.2	- 4.1	- 2.7	-12.7	2
- 8.2	-10.9	- 9.5	- 9.5	-10.9	- 9.5	- 6.8	- 8.2	- 6.8	- 6.8	- 5.4	- 9.4	1
-12.2	- 8.2	-13.6	-15.0	-13.6	- 9.5	-12.2	- 9.5	- 9.5	- 4.1	- 4.1	-11.9	2
-16.3	-12.2	- 9.5	- 9.5	-10.9	-10.9	- 9.5	-10.9	- 8.2	- 1.4	- 2.7	- 9.2	2
-12.2	-17.7	- 8.2	-19.1	-16.3	-16.3	-10.9	-13.6	- 9.5	- 5.4	- 4.1	-11.2	1
-12.2	-15.0	-12.2	-10.9	-16.3	-13.6	-15.0	- 9.5	- 8.2	- 4.1	- 4.1	-11.3	1
- 9.5	-10.9	- 6.8	-16.3	-15.0	-15.0	- 8.2	- 9.5	- 5.4	- 1.4	- 1.4	-10.3	2
-13.6	-15.0	-16.3	-19.1	-16.3	-20.4	-16.3	-10.9	-17.7	- 2.7	- 1.4	-11.9	2
- 9.5	-16.3	- 9.5	-13.6	-16.3	-13.6	-10.9	-13.6	- 6.8	- 4.1	- 5.4	-10.8	1
-12.2	-10.9	-17.7	-17.7	-16.3	- 9.5	- 6.8	- 8.2	- 2.7	-10.9	-10.9	-11.5	0
-16.3	-21.8	-23.1	-23.1	-19.1	-17.7	-21.8	-16.3	-10.9	- 6.8	- 6.8	-15.2	0
-24.5	-23.1	-21.8	-17.7	-16.3	-17.7	-19.1	-19.1	-16.3	- 6.8	-10.9	-16.9	1
-21.8	-17.7	-13.6	-17.7	-19.1	-15.0	-17.7	-12.2	-12.2	- 6.8	- 6.8	-14.2	0
-15.0	-19.1	-15.0	-17.7	-16.3	-16.3	-16.3	-13.6	- 9.5	- 5.4	- 9.5	-14.8	0
-21.8	-20.4	-15.0	-23.1	-23.1	-24.5	-19.1	-15.0	-15.0	- 6.8	- 8.2	-15.7	1
-15.0	-19.1	-16.3	-17.7	-20.4	-15.0	-19.1	-15.0	-13.6	- 6.8	- 6.8	-15.2	1
-17.7	-19.1	-20.4	-19.1	-17.7	-15.0	-16.3	-16.3	-15.0	- 6.8	- 8.2	-14.8	1
- 9.5	- 9.5	-10.9	- 9.5	-10.9	-15.0	-12.2	- 8.2	- 6.8	- 2.7	- 4.1	-10.6	1
-12.2	-12.2	-10.9	-13.6	-15.0	-15.0	-15.0	-15.0	-	- 4.1	- 5.4	-11.9	0
-17.7	-19.1	-16.3	-17.7	-16.3	-19.1	-	-	-15.0	- 8.2	- 6.8	-15.5	1
-25.9	-16.3	-20.4	-21.8	-21.8	-21.8	-16.3	-17.7	-12.2	- 9.5	- 9.5	-18.3	2
-21.8	-17.7	-23.1	-25.9	-20.4	-24.5	-23.1	-21.8	-20.4	- 8.2	- 5.4	-17.8	2
-17.7	-17.7	-15.0	-19.1	-19.1	-19.1	-20.4	-15.0	-15.0	- 6.8	- 8.2	-15.7	1
-17.7	-21.8	-19.1	-19.1	-19.1	-17.7	- 9.5	-19.1	- 9.5	- 6.8	- 5.4	-14.5	1
-19.1	-16.3	-20.4	-17.7	-16.3	-17.7	-17.7	-19.1	-13.6	- 8.2	-10.9	-15.5	1
-19.1	-21.8	-13.6	-19.1	-19.1	-16.3	-17.7	-16.3	-15.0	- 9.5	- 5.4	-15.5	1
-15.8	-16.0	-15.1	-17.6	-17.0	-16.3	-15.0	-13.6	-11.0	- 5.7	- 5.7	-13.3	
- 2.5	- 2.7	- 1.8	- 4.3	- 3.7	- 3.0	- 1.7	- 0.3	2.3	7.6	7.6		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	65.8	65.8	65.2	65.6	65.8	66.3	66.9	67.9	68.3	68.9	69.0	69.0	69.0	69.0	69.2
2	73.7	73.8	74.1	74.6	74.7	74.8	75.2	75.7	75.7	75.7	75.7	75.5	74.9	74.8	74.8
3	74.9	74.9	75.0	74.6	74.3	74.4	74.4	75.2	74.6	74.2	73.7	72.4	71.0	69.8	69.5
4	68.8	68.1	67.4	67.0	67.0	67.0	67.3	67.9	67.9	67.9	67.8	67.1	66.4	65.9	65.6
5	66.1	66.0	65.9	65.8	65.5	65.9	66.0	66.5	66.1	66.2	66.1	66.0	65.3	64.6	64.4
6	63.8	63.3	63.2	62.9	62.4	62.4	62.5	62.7	62.3	62.3	62.2	61.7	61.2	60.8	60.3
7	62.7	62.8	62.9	62.8	63.0	63.1	63.9	64.1	64.2	64.4	64.3	64.0	63.3	63.0	62.2
8	60.5	60.4	60.4	60.3	60.2	60.1	60.2	60.4	59.8	59.7	59.6	59.2	58.7	58.0	57.8
9	58.8	58.7	58.7	58.7	58.8	59.3	59.5	59.7	60.0	60.4	60.5	60.3	60.0	59.8	59.3
10	58.6	58.5	58.2	58.1	58.1	58.1	58.1	58.2	58.1	57.9	57.6	56.7	55.6	54.7	54.4
11	55.7	55.5	55.4	55.5	55.8	55.9	56.0	57.0	57.2	57.4	57.3	57.1	56.5	56.2	56.4
12	57.6	57.5	57.3	57.2	57.1	57.0	57.5	58.7	58.3	57.7	57.5	57.1	56.3	55.7	54.6
13	54.2	54.0	54.1	54.7	54.9	55.8	56.3	57.1	57.7	57.6	58.2	58.2	57.7	57.5	57.5
14	61.2	61.4	61.2	61.1	61.0	61.2	61.3	61.8	62.2	62.3	62.5	62.4	61.9	61.6	61.7
15	62.5	62.4	62.2	61.9	61.9	62.1	61.9	61.8	61.4	61.1	60.3	59.3	58.2	56.5	55.4
16	50.4	49.6	48.8	47.7	46.7	46.2	48.0	49.7	49.4	51.0	51.9	51.3	52.2	52.4	52.9
17	56.8	57.0	56.9	56.8	56.6	56.6	56.2	56.3	55.9	55.7	54.9	53.7	52.8	52.5	51.6
18	53.0	52.8	53.0	53.2	54.7	56.0	56.9	58.0	58.6	59.1	59.5	59.5	59.3	58.8	58.8
19	62.4	62.4	62.4	62.3	62.1	62.1	62.4	63.2	63.1	62.9	62.6	62.0	61.0	60.7	60.5
20	60.1	60.1	60.2	60.0	60.0	59.3	59.2	59.8	60.2	60.2	59.9	59.1	58.3	57.6	57.4
21	58.3	57.8	58.2	58.1	58.0	58.8	59.0	59.2	59.4	59.5	59.3	58.6	58.0	57.5	57.3
22	58.7	58.5	58.5	58.3	58.3	58.5	58.5	58.5	58.5	58.4	58.0	57.5	56.5	55.7	55.4
23	55.8	55.7	55.8	55.6	55.6	55.7	55.8	55.8	55.6	55.5	55.1	54.3	54.0	52.8	52.7
24	54.0	53.8	53.0	53.0	53.1	53.6	53.8	54.1	54.1	53.7	53.0	52.9	53.1	53.6	54.0
25	60.0	60.5	60.5	60.6	60.9	61.5	61.9	62.6	62.5	62.5	62.5	62.3	62.0	61.6	61.3
26	63.0	62.9	62.9	62.8	62.6	62.7	63.0	63.6	63.6	63.6	63.3	63.3	63.0	62.8	62.9
27	67.4	67.4	67.4	63.7	67.2	67.4	67.7	67.8	67.7	67.5	67.3	66.9	65.9	64.9	64.1
28	62.6	61.9	60.9	60.4	60.2	59.8	59.5	59.2	58.9	58.5	57.6	56.7	55.7	54.7	54.0
29	51.3	51.3	50.5	51.0	51.0	51.7	52.2	53.0	53.2	53.4	53.6	53.6	53.1	53.2	53.5
30	61.5	61.8	61.6	61.1	61.6	61.8	62.1	62.7	63.2	63.4	64.4	64.2	63.7	63.2	62.7
31	62.8	62.6	62.4	61.1	61.1	61.8	61.4	61.3	62.4	61.8	63.0	61.1	60.2	59.3	58.2
Prom	60.7	60.6	60.4	60.2	60.3	60.5	60.8	61.3	61.3	61.3	61.2	60.7	60.2	59.6	59.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	4.8	4.7	4.8	3.1	2.1	1.9	1.1	2.0	4.1	6.2	8.2	9.1	9.3	9.4	9.3
2	0.6	0.5	0.2	0.3	0.7	0.8	1.1	2.3	3.4	5.4	5.9	5.9	6.0	6.2	5.9
3	2.5	0.6	0.2	0.8	1.0	1.2	1.4	3.0	3.8	5.4	6.9	8.1	9.5	9.6	9.9
4	- 0.5	- 1.1	- 0.2	1.6	1.6	1.6	1.7	1.8	4.1	6.2	9.0	10.6	11.5	12.3	12.3
5	- 0.1	0.1	0.3	0.4	- 0.4	- 1.0	- 1.1	0.6	4.3	8.1	11.1	12.2	13.3	13.6	13.5
6	3.9	3.9	3.9	4.0	4.0	3.8	4.0	5.5	8.2	10.4	12.6	13.3	13.5	13.4	14.3
7	7.0	5.6	4.7	3.9	3.8	3.7	3.1	3.9	10.1	12.5	14.1	15.5	16.6	17.2	17.3
8	7.4	7.2	6.3	5.9	5.9	9.1	9.1	8.6	10.5	13.5	15.6	17.4	18.4	19.4	19.1
9	7.3	6.3	5.5	5.7	5.4	5.4	5.1	6.5	10.3	14.1	16.8	18.5	19.5	20.4	20.4
10	5.1	4.3	3.3	2.8	2.8	2.8	2.1	6.1	10.5	4.7	17.0	18.3	19.5	20.4	20.0
11	7.1	6.0	6.1	5.8	5.7	5.5	5.2	6.6	8.7	11.5	15.4	17.9	19.5	20.1	20.5
12	7.0	7.1	6.5	5.8	5.7	5.8	6.0	7.9	10.7	13.9	17.6	19.2	20.5	21.1	20.8
13	11.0	10.3	9.8	10.4	10.5	10.6	10.1	10.0	13.4	15.6	16.9	17.4	17.5	17.4	17.2
14	3.6	4.4	5.0	5.1	5.2	4.3	3.0	5.7	10.9	13.7	15.9	17.1	18.6	19.2	18.7
15	9.4	9.4	8.9	8.7	8.8	8.9	9.2	11.8	13.9	16.1	18.0	19.7	20.9	21.1	21.1
16	15.6	14.9	14.8	14.7	14.7	14.8	13.7	10.9	10.9	12.8	14.5	15.2	16.2	16.6	16.5
17	5.8	5.9	6.0	6.3	6.4	6.5	6.2	7.7	10.9	12.9	14.3	15.8	16.8	17.9	18.3
18	6.9	6.2	6.2	5.4	5.6	6.0	6.2	8.4	9.0	9.8	10.1	12.6	13.3	14.0	13.5
19	2.6	1.8	1.8	1.3	1.4	1.7	2.6	5.8	8.6	10.5	11.8	13.6	14.9	15.2	14.8
20	7.8	7.7	7.2	7.4	7.2	7.6	7.7	9.1	11.9	13.1	14.2	15.5	16.8	17.3	17.6
21	11.6	11.7	11.7	10.2	10.2	9.2	8.1	10.0	11.8	15.0	16.5	18.3	19.9	21.0	21.6
22	12.3	12.3	12.4	12.4	13.1	13.1	13.2	14.6	16.7	19.9	24.0	27.0	28.5	29.4	29.4
23	21.4	21.4	20.5	19.6	19.5	19.6	19.6	20.2	20.9	22.8	25.3	27.1	27.9	28.9	28.9
24	20.9	20.1	20.6	20.3	19.8	19.7	18.8	19.0	20.5	21.7	23.5	24.4	19.7	16.5	16.3
25	8.4	7.7	7.3	6.2	6.1	6.1	6.0	7.8	11.1	13.0	13.9	15.3	16.0	17.3	17.3
26	6.6	5.8	5.9	5.1	4.4	3.5	3.6	9.0	12.5	15.4	16.8	18.7	19.7	20.0	20.4
27	8.4	7.5	6.6	6.1	5.7	5.1	5.1	7.1	11.2	13.4	13.9	14.7	15.7	16.0	15.7
28	10.6	10.6	10.4	9.8	10.6	10.6	10.7	12.4	13.0	14.9	15.3	16.4	17.1	18.2	18.0
29	14.3	13.1	13.3	13.1	13.3	13.8	14.0	14.0	15.1	16.3	17.2	18.5	21.0	21.5	21.6
30	8.4	7.9	7.7	6.8	5.9	5.0	5.1	6.3	6.9	8.0	8.5	10.0	10.8	11.9	11.7
31	8.7	8.8	8.9	9.5	9.7	10.0	10.1	10.6	10.7	10.9	11.0	11.6	12.2	12.3	12.7
Prom	7.9	7.5	7.3	7.4	7.0	7.0	6.8	8.2	10.6	12.8	14.6	16.0	16.8	17.2	17.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
69.4	70.0	70.5	71.2	71.9	72.7	72.8	73.6	73.7	73.7	24	65.2	3	8.5	769.1 mm.	1025.4 mb.
74.7	74.7	74.8	75.1	75.2	75.6	75.6	75.7	75.1	75.8	11-12	73.7	0,1	2.1	75.0	1033.3
68.9	68.9	68.9	69.0	69.0	68.9	68.9	68.9	69.0	75.1	0	68.8	22-23	6.3	71.8	1029.0
65.4	65.4	65.6	65.8	65.9	66.0	66.1	66.4	66.3	69.0	0	65.4	16,17	3.6	66.8	1022.4
64.3	64.3	64.3	64.2	64.2	64.2	64.2	64.2	64.1	66.5	8	64.3	16,17,18	2.2	65.2	1020.2
60.4	60.6	60.4	61.1	61.3	61.3	61.7	62.2	62.4	64.1	0	60.3	15	3.8	61.9	1015.8
62.1	62.0	61.8	61.5	61.4	61.4	61.4	61.1	60.8	64.4	10	60.8	24	3.6	62.7	1016.9
57.7	57.7	57.7	57.9	58.2	58.5	58.6	58.7	58.8	60.8	0	57.7	16,17,18	3.1	59.1	1012.1
58.9	58.7	58.5	58.3	58.2	58.8	58.9	58.9	58.8	60.5	11	58.2	20	2.3	59.2	1012.1
54.6	54.7	55.1	55.7	55.8	55.9	55.8	55.5	55.5	58.8	0	54.4	15	4.4	56.6	1008.8
56.5	56.8	57.0	57.3	57.7	57.8	57.8	57.7	57.7	57.8	21,22	55.4	3	2.4	56.7	1008.9
54.5	54.4	54.4	54.2	54.2	54.3	54.3	53.8	53.9	58.7	8	53.8	23	4.9	56.0	1008.0
57.6	58.4	58.5	58.7	59.4	59.6	60.6	60.8	60.8	60.8	23,24	53.8	2-3	7.0	57.5	1010.0
52.3	62.4	62.5	62.6	62.9	63.0	63.3	63.3	62.6	63.3	22,23	60.8	0	2.5	62.1	1016.1
54.3	54.2	54.3	53.8	53.4	52.6	51.6	52.4	51.4	52.6	0	51.4	24	11.2	57.8	1010.4
52.9	53.1	53.5	54.6	54.9	55.1	55.3	56.0	56.7	56.7	0	46.0	5-6	10.7	51.7	1002.2
51.1	51.1	51.6	51.7	52.6	53.0	53.1	53.3	53.0	57.0	2	50.9	16-17	6.1	54.2	1005.6
59.3	59.4	60.2	60.5	61.4	61.7	62.3	62.5	62.3	62.5	23	52.8	2	9.7	58.4	1011..
60.1	60.0	60.1	60.1	60.8	60.5	60.1	60.0	60.1	63.2	9	59.9	23-24	3.3	61.4	1015.2
57.2	57.3	57.2	57.7	57.8	58.3	58.3	58.1	58.3	60.4	9-10	57.2	14-15	3.2	58.8	1011.7
57.4	58.0	58.2	58.4	58.6	59.0	57.2	58.7	58.7	59.5	10	57.3	15	2.2	58.4	1011.2
55.0	55.1	55.3	55.5	55.6	55.7	55.7	55.8	55.8	58.7	0,1	55.0	16	3.7	57.0	1009.3
52.7	52.9	53.4	53.8	54.0	54.1	54.1	54.1	54.1	55.9	0-1	52.7	15,16	3.2	54.5	1006.0
54.1	55.4	56.1	57.0	57.4	58.0	58.5	59.0	59.7	59.7	24	52.9	12	6.8	54.9	1006.5
61.5	62.1	62.3	62.3	62.5	62.5	62.5	62.6	62.8	62.8	24	59.7	0	3.1	61.8	1015.7
63.1	63.3	63.8	64.5	64.8	65.6	66.5	67.0	67.4	67.4	24	62.6	4	4.8	63.8	1018.4
63.9	63.8	63.8	63.8	63.9	63.8	63.7	63.5	63.1	67.8	8	63.1	24	4.7	65.6	1020.8
53.7	53.1	52.5	52.3	52.1	51.7	51.4	51.3	51.3	63.1	0	51.3	23,24	11.8	56.2	1008.2
54.0	54.7	55.4	56.5	57.0	58.0	59.0	59.4	60.7	60.7	24	50.5	3	10.2	54.2	1005.6
62.6	63.0	63.5	63.6	63.6	63.7	63.1	62.8	62.8	64.4	11	60.7	0	3.7	62.8	1017.0
59.2	59.3	59.1	58.6	58.8	58.9	58.5	58.1	56.9	63.0	10-11	56.9	24	6.1	60.3	1013.7
59.4	59.5	59.7	59.9	60.1	60.3	60.4	60.5	60.5	63.1		57.9		5.2	60.4	1013.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.2	8.4	6.9	5.8	3.9	2.8	2.4	1.4	1.1	9.5	15-16	1.1	7,24	8.4	5.1
5.6	5.3	4.8	4.5	4.2	3.9	3.3	3.3	3.4	6.2	14	0.2	3	6.0	3.5
9.1	8.0	5.8	4.4	2.9	2.4	1.4	0.4	-0.4	9.9	15	-0.4	24	10.3	4.1
12.0	10.8	7.6	6.4	4.8	4.2	2.9	1.7	1.2	12.3	14-15	-1.4	2-3	13.7	5.2
13.3	11.6	8.4	6.9	5.4	4.6	4.4	3.8	3.7	13.6	14	-1.1	7	14.7	5.7
14.3	12.4	11.8	11.4	10.4	10.4	9.4	7.5	7.5	14.3	15-16	3.5	5-6	10.8	8.9
17.1	15.5	11.7	9.5	7.3	7.3	7.1	7.2	7.3	17.3	15	3.0	7-8	14.3	9.5
18.6	16.5	14.1	12.1	11.2	9.8	8.9	8.2	7.2	19.4	14	5.9	4-5	13.5	11.7
19.9	17.5	14.1	11.6	9.4	8.7	7.9	5.9	5.1	20.4	14-15	4.3	7-8	16.1	11.1
17.4	15.3	13.5	11.1	9.5	8.4	8.8	7.6	8.0	20.4	14	2.1	7	18.3	10.4
20.0	17.7	13.9	11.0	10.0	8.8	8.0	7.9	7.5	20.5	14-15	5.2	7	15.3	11.1
20.4	18.2	14.9	13.3	12.1	12.2	11.7	11.1	11.0	21.1	14	5.6	3-4	15.5	12.5
16.2	15.0	12.6	9.5	7.5	6.4	5.6	4.5	3.8	17.5	13	3.8	24	13.7	11.6
17.4	15.7	12.9	11.6	11.3	11.4	10.7	9.7	9.9	19.2	14	3.0	7	16.2	10.9
20.2	18.7	17.8	17.4	15.7	15.6	15.6	15.1	16.0	21.2	14-15	8.7	4	12.5	14.9
15.8	14.5	12.3	11.0	9.8	8.4	8.1	6.4	6.4	16.6	14	6.4	23,24	10.2	12.9
17.5	15.1	13.5	11.4	10.1	9.1	7.7	6.9	6.8	18.3	15	5.8	1	12.5	10.6
13.0	11.6	9.2	7.3	5.2	4.4	4.2	3.1	3.1	14.0	14	3.1	23,24	10.9	8.1
14.4	12.7	10.8	9.7	9.2	8.8	9.0	8.5	7.8	15.2	14	1.2	4-5	14.0	8.3
17.1	16.1	13.9	12.6	11.9	9.9	11.2	11.3	11.5	17.6	15	7.2	3,5	10.4	11.8
21.3	19.6	17.2	15.2	14.0	13.2	12.8	12.3	12.3	21.6	15	8.1	7	13.5	14.4
29.1	26.9	24.7	23.7	22.8	22.1	21.4	21.3	21.4	29.4	14,15	12.3	0,1,2	17.1	20.5
28.0	26.2	24.6	22.8	21.9	21.9	21.9	21.9	21.8	28.9	14,15	19.5	5	9.4	23.1
16.3	15.9	14.6	14.0	12.0	10.7	10.7	10.1	8.8	24.4	12	8.8	24	15.6	17.3
17.0	15.9	12.6	11.1	8.9	8.3	8.2	7.8	7.5	17.3	14,15	6.0	7	11.3	10.7
19.2	17.3	14.5	12.2	10.6	10.9	10.6	10.0	9.4	20.4	15	3.5	6	16.9	11.8
15.4	15.0	12.7	11.5	11.1	11.2	11.2	11.2	10.7	16.0	14	5.1	6,7	10.9	10.9
17.9	17.2	15.9	15.4	15.0	15.0	15.0	14.3	14.4	18.2	14	9.8	4	8.4	14.1
21.5	20.4	18.2	15.9	14.7	13.4	10.9	9.7	9.0	21.6	15	9.0	24	12.6	15.6
11.7	11.0	10.4	10.0	9.7	9.4	9.2	8.8	8.6	11.7	15,16	5.0	6	6.7	8.7
13.0	12.8	12.7	12.3	12.2	12.2	12.3	12.4	12.7	13.0	16	8.6	0	4.4	11.3
16.7	15.3	13.2	11.7	10.5	9.9	9.4	8.8	8.5	17.6		5.2		12.4	11.2

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	80	82	82	82	87	92	96	92	79	69	61	57	54	48	44
2	92	93	95	95	93	91	91	89	81	71	65	65	61	65	61
3	90	100	100	96	87	86	85	80	75	65	58	51	48	49	48
4	100	100	100	100	100	100	100	100	100	95	76	60	54	52	51
5	99	100	92	92	94	95	99	88	73	67	46	38	35	34	33
6	88	92	92	92	92	91	89	84	76	68	62	62	64	66	64
7	89	95	99	98	97	94	97	93	75	62	56	53	51	49	42
8	88	88	89	91	93	89	92	83	77	69	60	53	51	53	51
9	93	96	100	99	99	99	100	100	77	65	56	51	43	45	45
10	100	100	100	100	100	100	100	100	74	62	56	56	49	46	46
11	96	97	98	98	98	98	97	97	85	72	60	52	42	44	43
12	88	88	90	88	90	95	96	89	80	67	57	47	37	34	26
13	89	93	93	93	91	85	88	86	61	46	37	32	32	30	32
14	91	63	69	66	69	84	92	81	57	46	38	34	33	30	38
15	83	84	86	90	87	87	82	71	54	42	46	51	43	44	43
16	69	74	76	80	76	82	97	83	80	71	62	56	49	38	38
17	83	80	82	74	75	73	77	73	55	45	45	35	33	30	28
18	86	96	97	98	87	77	78	62	57	50	46	36	33	28	30
19	100	100	100	100	100	100	100	91	73	62	53	46	40	39	53
20	90	92	96	95	99	90	89	81	71	65	58	52	50	50	50
21	95	95	94	95	96	97	98	98	98	86	80	71	67	67	63
22	97	97	98	98	99	99	100	100	99	91	73	63	58	56	60
23	88	90	93	94	93	93	92	87	81	73	66	58	54	54	56
24	88	89	85	85	89	89	93	92	84	78	69	66	77	87	91
25	98	98	98	99	99	99	100	89	69	57	54	51	45	43	44
26	98	98	98	98	98	98	98	98	73	60	53	46	45	39	41
27	81	87	90	91	94	95	94	83	73	65	40	55	51	50	54
28	80	80	84	88	77	73	72	63	60	55	53	52	56	57	60
29	92	93	95	95	94	94	95	95	90	82	79	63	48	51	49
30	85	87	90	90	91	95	90	88	85	78	73	67	63	60	60
31	94	96	98	95	94	81	81	90	93	95	96	95	90	90	86
Prom.	90	91	92	92	92	91	92	87	76	67	59	54	50	49	49

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	5.0	5.2	5.2	4.6	4.6	4.8	4.8	4.8	4.6	4.6	5.0	5.0	4.6	4.3	3.6
2	4.0	4.0	4.2	4.0	4.6	4.4	4.6	4.9	4.8	4.8	4.2	4.2	4.4	4.6	4.2
3	4.8	4.2	4.2	4.6	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.2	4.2	4.4	4.2
4	4.2	4.0	4.2	5.0	5.0	5.0	5.0	5.3	5.8	6.4	6.6	5.4	5.2	5.5	5.6
5	4.4	4.4	4.4	4.2	4.0	3.8	4.0	4.2	4.4	5.4	4.6	4.0	3.6	4.0	3.6
6	5.2	5.6	5.6	5.6	5.6	5.4	5.2	5.7	6.2	6.2	6.8	7.0	7.2	7.6	7.6
7	6.4	6.2	6.2	5.8	5.8	5.4	5.4	5.6	6.6	6.6	6.8	6.8	7.4	7.1	6.2
8	6.6	6.6	6.2	6.4	6.4	7.4	7.8	7.0	7.2	7.8	7.6	7.6	8.0	8.9	8.5
9	7.0	7.0	6.6	6.6	6.4	6.4	6.4	7.7	7.2	7.4	8.0	8.0	7.2	8.0	7.6
10	6.4	6.0	5.6	5.4	5.4	5.4	5.2	7.0	6.8	7.8	8.0	9.0	8.0	8.3	8.0
11	7.2	6.8	6.8	6.6	6.6	6.6	6.4	7.1	6.8	7.2	7.4	7.8	7.2	7.8	7.6
12	6.4	6.4	6.2	6.0	6.0	6.2	6.8	7.1	7.4	7.8	8.5	7.8	6.8	6.4	5.0
13	8.5	8.5	8.0	8.5	8.5	7.8	8.0	8.0	7.2	6.2	5.4	4.8	4.8	5.7	4.8
14	5.4	3.8	4.4	4.4	4.4	5.4	5.2	5.6	5.6	5.4	5.0	4.6	5.2	5.0	6.0
15	7.2	7.2	7.4	7.2	7.4	7.4	7.2	7.4	6.2	5.8	7.2	9.0	7.8	8.3	7.8
16	8.5	9.0	9.5	9.5	9.5	10.0	11.0	8.0	7.4	7.8	7.6	7.4	6.4	5.4	5.2
17	5.6	5.4	5.4	5.2	5.2	5.2	5.4	5.8	5.0	4.6	5.2	4.4	4.6	4.6	4.4
18	6.4	6.8	6.8	6.4	5.8	5.4	5.4	5.3	4.8	4.2	4.4	4.0	3.6	3.4	3.2
19	5.2	5.0	5.0	4.8	4.8	5.0	5.2	6.3	6.0	5.8	5.4	5.4	4.6	5.1	6.6
20	6.8	7.2	7.2	7.0	6.6	6.8	6.8	7.0	7.4	7.0	6.8	6.8	6.8	7.4	7.0
21	9.0	9.5	9.5	8.5	9.0	8.5	7.8	9.0	10.0	11.0	10.5	11.0	11.5	12.4	12.0
22	10.0	10.0	10.0	10.0	10.5	10.5	10.5	12.4	13.5	15.5	16.0	15.0	16.5	17.0	17.5
23	16.5	16.5	16.5	15.5	15.5	15.5	15.5	15.3	15.0	15.0	16.0	15.0	14.5	16.0	17.0
24	16.0	15.0	14.5	14.5	15.0	15.0	15.0	15.0	14.5	15.0	14.5	15.0	13.0	12.2	12.5
25	7.8	7.6	7.4	6.8	6.8	6.8	6.8	7.0	6.6	6.4	6.2	6.8	5.8	6.3	6.2
26	7.0	6.6	6.6	6.4	6.0	5.6	5.6	8.3	7.8	7.4	7.4	7.6	7.2	6.6	7.6
27	6.8	6.8	6.4	6.4	6.2	6.0	6.0	6.3	7.0	7.0	4.4	6.4	7.0	6.8	7.0
28	7.4	7.4	7.4	7.8	7.4	6.8	6.8	6.8	6.4	6.6	6.8	7.2	8.0	8.8	8.5
29	11.0	10.0	11.0	10.5	10.5	10.5	11.0	11.3	11.0	11.0	11.0	9.5	8.5	9.7	9.0
30	6.8	6.8	6.8	6.4	6.4	6.0	5.8	6.3	6.0	6.2	6.0	6.2	6.0	6.2	5.8
31	7.6	8.0	8.0	8.5	8.0	7.6	7.6	8.6	8.5	9.0	9.5	9.0	9.0	9.7	9.5
Prom.	7.3	7.2	7.2	7.1	7.0	7.0	7.0	7.4	7.4	7.5	7.5	7.5	7.2	7.5	7.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
47	53	55	60	70	78	79	86	87	97	7-8	42	15-16	55	72
66	67	67	74	80	82	90	90	83	95	3,4	58	14-15	37	79
53	60	73	79	86	91	96	98	100	100	24	48	13,15	52	77
51	58	73	79	84	85	91	93	96	100	1-9	50	14-15	50	83
34	40	61	67	72	75	76	81	82	100	2	32	14-15	68	70
67	70	78	79	82	85	85	91	92	93	5-6	62	11-12	31	80
45	53	66	71	80	81	82	90	88	99	3	40	15-16	59	75
56	66	74	77	77	83	87	87	92	93	5	50	13-14	43	76
51	62	80	89	95	97	98	98	98	100	7,8	43	13	57	81
67	75	76	79	79	87	88	96	96	100	1-8	45	13-14	55	80
45	60	77	83	84	91	93	90	89	98	3-6	42	14-15	56	79
34	45	52	59	65	75	82	86	87	97	7-8	26	15	71	69
29	32	44	67	72	77	79	82	85	96	2-3	26	13-14	70	65
37	42	52	49	52	58	69	76	76	92	0-1	30	14	62	58
45	48	51	55	73	73	72	69	64	90	4	41	14-15	49	64
38	44	52	60	64	71	64	76	80	98	6-7	34	14-15	64	66
31	49	54	63	73	76	82	86	81	88	23-24	23	15-16	65	62
33	42	56	68	84	91	94	99	98	100	4-5	26	13-14	74	68
51	57	63	68	76	82	82	84	90	100	1-7	38	13-14	62	75
55	61	75	84	88	93	90	91	95	100	4-5	47	12-13	53	78
66	71	80	86	89	90	95	96	97	98	7,8,9	62	15-16	36	86
61	68	74	78	81	87	89	90	90	100	7,8	56	14	44	84
60	68	75	83	79	79	79	78	81	94	4	53	12-13	41	77
85	82	82	87	93	95	93	93	96	95	21	65	11-12	30	86
50	63	74	79	89	92	94	96	96	100	7	43	14	57	78
46	56	68	76	82	70	72	73	72	100	5-6	39	14	61	73
56	61	71	80	87	91	88	83	82	95	6	40	11	55	75
64	68	75	77	82	86	86	91	92	92	0	52	12	40	72
51	58	60	63	63	72	81	82	81	95	3,4,8,9	47	13-14	48	76
62	68	70	71	74	77	80	82	89	95	6	60	14,15	35	78
83	89	87	92	90	87	86	83	84	98	3	83	16,23	15	90
52	59	74	74	78	82	84	87	88	97		45		52	75

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
4.0	4.2	3.8	3.8	4.3	4.2	4.2	4.4	4.2	5.2	2,3	3.6	15	1.6	4.5
4.6	4.8	4.2	4.4	5.0	4.8	5.0	5.0	5.0	5.0	20,22-24	4.0	1,2,4	1.0	4.5
4.4	4.6	5.0	4.8	4.9	5.0	4.8	4.6	4.2	5.0	18,21	4.2	varios	0.8	4.4
5.4	5.4	5.6	5.4	5.4	5.0	5.2	4.8	4.8	6.6	11	4.0	2	2.6	5.2
3.6	3.8	5.0	5.0	4.8	4.6	4.8	4.8	4.8	5.4	10	3.6	13,15,16	1.8	4.3
8.0	7.2	7.8	7.8	7.7	7.8	7.2	7.2	7.2	8.0	16	5.2	1,7	2.8	6.7
6.2	6.8	6.8	6.4	6.2	6.2	6.2	6.6	6.6	7.4	13	5.4	6,7	2.0	6.3
9.0	9.0	8.5	8.0	7.7	7.4	7.4	7.0	7.0	9.0	16,17	6.2	3	2.8	7.5
9.0	9.0	9.0	8.5	8.3	8.0	7.6	6.8	6.4	9.0	16-18	6.4	5,6,7,24	2.6	7.5
10.0	9.0	8.5	7.6	6.9	7.2	7.4	7.4	7.8	10.0	16	5.2	7	4.8	7.2
7.4	8.5	9.0	8.0	7.8	7.8	7.4	6.8	6.8	9.0	18	6.4	7	2.6	7.3
5.8	6.6	6.6	6.4	6.8	7.6	8.0	8.5	8.5	8.5	11,23,24	5.0	15	3.5	6.9
3.8	4.0	4.6	6.0	5.6	5.4	5.2	5.2	4.8	8.5	1,2,4,5	3.8	16	4.7	6.2
5.6	5.6	5.8	4.8	5.2	5.6	6.4	6.8	7.0	7.0	24	3.8	2	3.2	5.3
7.4	7.6	7.8	7.8	9.6	9.5	9.5	8.5	8.5	9.6	20	5.8	10	3.8	7.8
5.0	5.2	5.6	5.6	5.8	5.8	5.0	5.4	5.4	11.0	7	5.2	15,17	5.8	7.1
4.8	6.0	6.0	6.2	6.8	6.6	6.4	6.4	6.0	6.8	20	4.4	12,15	2.4	5.5
3.6	4.2	5.0	5.0	5.6	5.8	5.6	5.4	5.4	6.8	2,3	3.2	15	3.6	5.1
6.4	6.2	6.0	6.0	6.6	6.8	7.0	6.8	6.8	7.0	22	4.8	4,5	2.2	5.8
7.6	8.5	8.5	8.5	9.1	8.5	8.5	9.0	9.0	9.1	20	6.6	5	2.5	7.6
12.5	13.0	11.0	11.0	10.6	10.0	10.0	10.0	10.0	13.0	17	7.8	7	5.2	10.3
18.5	17.5	16.5	18.0	16.7	17.0	16.5	16.5	16.5	18.5	16	10.0	1-4	8.5	14.5
16.0	14.5	16.5	17.0	15.4	15.0	15.0	15.0	16.0	17.0	15,19	14.5	13,17	2.5	15.6
11.0	11.0	10.0	10.0	9.7	8.5	8.5	8.5	8.0	16.0	1	8.0	24	8.0	12.6
6.8	8.0	7.8	7.6	7.6	7.6	7.4	7.6	7.4	7.8	1,18	5.8	13	2.0	7.0
7.8	8.5	8.0	8.0	7.8	6.6	6.8	6.6	6.4	8.5	17	5.6	6,7	2.9	7.1
7.4	7.8	7.8	7.8	8.6	9.0	8.5	8.0	7.8	9.0	21	4.4	11	4.6	7.0
9.5	10.0	9.5	10.0	10.5	11.0	11.0	11.0	11.0	11.0	21-24	6.4	9	4.6	8.5
10.0	10.0	9.0	8.0	7.9	8.0	7.8	7.4	7.0	11.3	8	7.0	24	4.3	9.6
6.4	6.6	6.2	6.6	6.6	6.8	6.6	6.8	7.2	7.2	24	5.8	7,15	1.4	6.4
9.0	9.5	9.5	9.5	9.6	9.0	9.0	8.5	9.0	9.7	14	7.6	1,6,7	2.1	8.8
7.6	7.8	7.8	7.7	7.8	7.7	7.6	7.5	7.5	9.1		5.8		3.3	7.4

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SW	5	W	7	SW	6	SW	7	SW	11	SW	10	SW	7	SW	10	SW	15	SW	15	SW	12	S	16	S	17	S	15	S	16
2	SW	4	SW	7	SW	7	SW	4	SW	4	SW	4	S	4	S	4	S	8	S	7	SE	6	SE	5	S	3	S	2	Calma	1
3	Calma	1	Calma	1	SW	2	SW	2	W	3	Calma	1	W	2	Calma	1	S	4	S	2	NW	2	N	7	N	11	N	10	N	10
4	Calma	1	NE	2	NE	5	N	7	NE	6	N	3	N	5	NW	3	N	6	NW	12	NW	18	NW	22	NW	20	NW	19	NW	22
5	W	3	W	3	W	5	SW	4	SW	3	SW	3	SW	2	Calma	1	W	2	Calma	1	NW	5	NW	10	NW	11	W	14	W	12
6	N	9	N	10	N	7	N	9	N	9	NW	12	NW	12	NW	14	NW	13	NW	18	NW	25	NW	24	NW	24	NW	22	NW	18
7	SW	1	S	2	Calma	0	SE	3	SE	2	SE	3	SE	3	Calma	1	NE	6	NE	12	NE	12	NE	8	N	7	NW	7	NW	8
8	NW	10	NW	10	NW	10	NW	10	NW	10	NW	10	NW	11	NW	9	NW	16	NW	20	NW	24	NW	28	NW	22	NW	20	NW	18
9	NW	9	NW	4	NW	6	NW	7	NW	9	NW	6	NW	5	NW	3	NW	7	NW	6	NW	5	N	5	N	7	N	6	N	4
10	E	2	E	2	E	2	E	4	E	4	E	4	SE	3	SE	4	SE	4	E	4	E	4	SE	4	S	4	S	5	E	6
11	Calma	0	NW	2	S	5	S	7	S	8	S	8	S	8	S	7	S	6	S	3	S	4	S	7	S	4	S	5	S	3
12	NW	4	NW	5	NW	2	N	5	N	7	N	8	N	7	NW	6	N	10	N	10	N	14	N	15	N	16	NW	21	NW	20
13	NW	12	NW	9	NW	11	W	11	SW	6	SW	5	S	3	S	2	S	5	S	4	SE	8	SE	8	SE	9	S	8	S	9
14	SW	5	SW	7	SW	6	SW	8	SW	6	SW	3	Calma	1	Calma	0	S	4	S	3	SE	2	SE	4	S	5	S	6	E	10
15	NE	10	NE	7	NE	9	NE	7	NE	10	NE	10	NE	12	NE	9	NE	17	NE	22	NE	22	NE	20	NE	24	NE	22	NE	24
16	NE	22	NE	22	NE	22	NE	19	N	13	N	16	W	22	S	14	S	12	SW	17	SW	20	SW	22	SW	18	SW	19	SW	22
17	NW	7	NW	9	NW	8	NW	10	NW	8	NW	8	NW	4	NW	6	N	14	N	14	N	16	N	22	N	20	N	26	N	14
18	NE	3	NE	4	Calma	1	Calma	0	S	7	S	7	SW	6	SW	12	SW	14	SW	15	SW	16	SW	15	S	15	SW	16	SW	14
19	Calma	0	Calma	0	Calma	1	Calma	1	E	2	E	2	NE	4	N	4	N	12	N	15	N	17	N	21	N	17	N	14	NE	12
20	NE	13	NE	13	E	7	E	10	E	4	E	6	E	10	E	6	E	7	E	5	E	7	E	8	E	9	E	10	E	9
21	NE	6	N	9	N	7	N	2	N	2	Calma	1	N	3	N	3	NE	2	Calma	1	S	2	W	2	N	5	N	7	N	5
22	N	7	N	5	N	6	NW	2	NW	6	NW	5	NW	2	Calma	1	N	8	N	9	N	13	N	13	N	16	N	14	N	16
23	N	11	N	16	N	17	N	16	N	20	N	15	N	18	N	18	N	20	N	20	N	18	N	18	N	17	N	22	N	17
24	N	19	N	18	N	20	N	22	N	22	N	20	N	10	N	9	N	22	N	21	N	26	NW	28	NW	28	W	26	W	16
25	SW	6	SW	8	SW	3	SW	3	SW	6	SW	5	Calma	1	S	3	S	7	S	8	S	9	S	6	S	4	S	5	S	3
26	Calma	0	Calma	1	NW	2	W	2	Calma	0	Calma	0	W	2	Calma	1	N	2	N	5	N	5	N	6	N	2	NW	6	W	3
27	SE	7	SE	5	SE	3	SE	6	SE	4	SE	5	SE	5	SE	6	SE	8	E	16	NE	16	NE	13	NE	11	E	12	E	13
28	NE	8	NE	12	NE	11	NE	8	NE	11	NE	10	NE	8	NE	12	NE	17	NE	19	NE	18	NE	24	NE	20	N	14	N	15
29	NE	2	Calma	0	S	4	SE	2	S	5	S	3	E	3	S	2	S	5	S	8	S	8	S	11	S	10	S	6	S	6
30	S	5	S	4	S	5	S	7	S	3	S	4	SE	7	SE	9	SE	9	SE	7	SE	8	SE	8	SE	9	SE	10	SE	9
31	SE	9	SE	7	SE	6	E	12	E	9	E	11	SE	10	E	8	SE	10	SE	6	SE	7	SE	10	SE	7	SE	9	SE	11
DIRECCIÓN PREVALENTE	NE		NE NW		NW		N SW		N SW		SW		N SE NW		S NW Calma		N S		N S		N		N		N		N S		N	
NUMERO DE HORAS	7		6		6		6		6		6		5		6		8		7		7		8		10		8		7	
PROM. HOR. DE LA VELOCIDAD		6		7		7		7		7		7		6		6		9		10		12		13		13		13		12

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
S	12	S	8	S	6	S	5	S	3	S	3	S	2	S	3	S	3	S	13	9	29	S	11.41
Calma	0	Calma	1	Calma	1	Calma	1	Calma	1	Calma	0	Calma	1	SW	2	SW	3	SW Calma	8	3	9	SE	9.59
N	14	N	10	NW	7	NW	4	NW	4	Calma	1	Calma	0	Calma	1	Calma	0	Calma	8	4	18	W	12.04
NW	19	NW	14	NW	9	NW	10	NW	6	W	8	W	5	W	4	W	2	NW	12	10	30	NW	11.54
NW	9	NW	8	NW	3	N	3	N	4	N	6	N	4	N	5	N	6	W Calma NW N	6	5	17	NW	13.34
NW	15	NW	10	NW	11	NW	12	NW	7	NW	9	NW	8	NW	5	W	8	NW	18	13	33	NW	10.15
W	8	NW	4	NW	5	NW	5	NW	6	NW	7	NW	7	NW	9	NW	9	NW	10	6	13	NE	10.05
NW	16	NW	12	NW	10	NW	10	NW	13	NW	8	NW	7	NW	10	NW	10	NW	24	14	33	NW	12.03
N	5	NE	7	Calma	1	E	3	E	4	E	3	E	2	E	2	E	2	NW	12	5	7	N	13.13
E	7	E	2	E	3	E	3	Calma	1	SE	3	SE	3	SE	2	NE	4	E	13	4	7	NE	15.56
SE	2	Calma	0	Calma	1	Calma	1	N	3	N	4	NW	4	NW	4	NW	5	S	13	4	9	SW	5.12
NW	15	NW	9	N	7	N	10	N	9	N	12	N	17	N	17	N	18	N	16	11	29	NW	14.30
S	6	S	6	S	4	Calma	0	Calma	1	Calma	1	SW	5	SW	4	Calma	1	S	9	6	17	SE	11.52
E	10	E	7	E	5	E	8	E	8	E	11	E	9	NE	10	NE	10	E	8	6	21	NE	15.30
NE	18	NE	26	NE	30	NE	28	NE	28	NE	24	NE	22	NE	16	NE	18	NE	24	18	50	NE	18.48
SW	16	SW	13	SW	12	W	9	W	7	W	4	SW	6	W	4	NW	7	SW	10	15	60	S	6.56
N	11	NE	9	NE	8	NE	7	NE	3	S	6	SE	2	E	3	NE	4	NW N	8	10	46	N	12.22
SW	12	SW	9	W	4	W	2	Calma	1	Calma	0	W	2	Calma	1	Calma	0	SW	10	7	41	SW	13.28
NE	16	NE	15	NE	12	NE	13	NE	13	NE	15	NE	18	NE	19	NE	13	NE	11	11	39	N	11.24
E	11	NE	9	NE	8	NE	8	NE	5	E	3	NE	10	NE	12	NE	7	E	15	8	28	NE	0.44
N	7	N	6	N	2	N	3	N	6	N	5	N	4	N	6	N	10	N	18	4	18	N	2.22
N	8	N	12	NE	11	NE	8	NE	9	NE	9	NE	9	N	13	N	11	N	14	9	30	N	12.12
N	15	N	14	N	8	N	6	N	8	N	13	N	17	N	20	N	20	N	24	16	41	NW	12.28
W	12	W	11	W	9	W	7	W	5	W	5	SW	4	SW	5	SW	4	N	11	15	52	NW	12.26
S	3	Calma	1	Calma	1	NE	3	Calma	1	NE	3	NE	2	Calma	1	Calma	1	S	9	4	26	S	10.12
SW	6	S	2	Calma	0	Calma	0	Calma	0	S	8	SE	9	SE	11	SE	10	Calma	8	3	30	SE	21.56
NE	11	E	8	E	4	E	6	E	6	E	7	E	9	NE	8	NE	8	SE E	9	8	32	NE	10.24
N	11	N	9	N	10	NE	8	NE	9	NE	6	NE	7	NE	5	NE	2	NE	19	11	38	NE	11.22
S	4	SW	5	SW	6	SW	9	SW	11	S	9	S	9	S	7	S	7	S	16	6	37	S	11.48
SE	11	SE	8	SE	7	SE	6	SE	6	SE	9	SE	11	SE	10	SE	10	SE	18	8	34	SE	7.13
SE	16	SE	14	SE	11	SE	13	SE	13	SE	13	SE	12	E	16	E	21	SE	18	11	45	E	23.21
N		NW		NW		NE		NE Calma		NE N		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
7		6		6		7		6		5		6		6		8		N	139	8	DIRECCIÓN	DÍA	HORA
	10		9		7		7		7		6		7		8		8				NE	15	de 17.55 a 18.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº. DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1									13	109	10	98	1	7				214
2							2	11	6	28	8	35					8	80
3	6	62							2	6	2	4	2	5	4	17	8	100
4	4	21	3	13									4	19	12	174	1	228
5	6	28									4	12	6	39	6	46	2	127
6	5	44											1	8	18	259		311
7	1	7	4	38			4	11	1	2	1	3	1	8	10	67	2	137
8															24	324		324
9	5	27			6	16									12	74	1	118
10			1	4	13	47	7	23	2	9							1	84
11	2	7					1	2		13	75				4	15	4	101
12	16	182													8	82		264
13							3	25	9	47	4	20	1	11	3	32	4	138
14			2	20	8	68	2	6	4	18	6	35					2	148
15			24	435														435
16	2	29	4	85					2	26	10	165	5	46	1	7		358
17	8	137	5	31	1	3	1	2	1	6					8	60		239
18			2	7					3	29	10	129	3	8			6	176
19	7	106	11	152	2	4											4	258
20			9	85	15	112												197
21	18	92	2	8					1	2			1	2			2	106
22	14	151	5	46											4	15	1	213
23	24	384																384
24	11	209									3	13	8	91	2	56		369
25			3	8					9	48	6	31					6	93
26	5	20					3	30	2	10	1	6	3	7	2	8	8	83
27			6	67	9	81	9	49										197
28	5	59	19	215														274
29			1	2	1	3	1	2	16	104	4	31					1	142
30							18	154	6	28								182
31					6	77	18	184										261
SUMAS	139	1559	101	1216	61	411	69	499	90	547	69	582	36	251	118	1236	61	6341
% PREVAL POR VELOCIDAD	24.6		19.2		6.5		7.9		8.6		9.2		4.0		19.5		0.6	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		12		7		7		6		8		7		10		1	204

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	7	1	2	1	5	1	5	5
1 - 2	5	6	1	2	2	3	2	6	4
2 - 3	5	4	2	2	3	5	1	6	3
3 - 4	6	3	3	3	2	6	2	4	2
4 - 5	6	3	4	2	4	6	1	4	1
5 - 6	5	2	4	2	4	6	0	5	3
6 - 7	5	3	2	5	3	3	3	5	2
7 - 8	4	2	2	3	6	2	0	6	6
8 - 9	8	4	1	4	8	2	1	3	0
9 - 10	7	3	3	2	7	3	0	4	2
10 - 11	7	4	2	5	4	3	0	6	0
11 - 12	8	4	1	6	4	2	1	5	0
12 - 13	10	3	1	3	8	1	0	5	0
13 - 14	8	1	2	2	8	2	2	6	0
14 - 15	7	2	4	2	5	2	3	5	1
15 - 16	7	3	3	3	4	3	2	5	1
16 - 17	5	5	3	2	3	3	1	6	3
17 - 18	4	5	3	2	2	2	2	6	5
18 - 19	4	7	4	2	1	1	3	5	4
19 - 20	5	6	3	2	1	1	2	5	6
20 - 21	5	5	4	3	4	0	3	3	4
21 - 22	4	6	3	5	2	3	2	4	2
22 - 23	5	6	3	3	2	3	2	4	3
23 - 24	5	8	2	2	2	2	2	4	4
SUMAS	139	102	61	69	90	69	36	117	61
% de frec. por dirección	18.7	13.7	8.2	9.3	12.1	9.3	4.8	15.7	8.2

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Cu	1	Sc	5	Cu	4	Claro	0	99	99	99
2	Sc	7	Sc	8	Sc	8	St	8	Sc	8	9	7	8
3	Sc	8	Sc	8	Sc	4	Cu	6	Cu	3	7	8	8
4	N	9	Cu	4	Cu	3	Cu	3	Claro	0	1	8	9
5	Sc 2 Ci 1	3	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
6	Ci	1	Ac 1 Ci 1	2	Ac	4	Ci 6 Cc 1	7	Cs	8	8	8	8
7	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	4	8	9
8	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	8	9
9	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	3	8	8
10	Claro	0	Claro	0	Ci	4	Ac	3	Claro	0	1	7	7
11	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	6	8	5
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	5	8	8
13	Ac	4	Ac 5 Ci 2	7	Ci	6	Sc	5	Ac	1	7	9	9
14	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	6	9
15	Claro	0	Claro	0	Claro	0	Claro	0		8	7	8	7
16	Sc 1 As 5	6	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
17	Claro	0	Claro	0	Claro	0	Ac	5	Claro	0	2	3	8
18	Cs	8	Cs	3	Ci		Ci	7	Cs	8	8	9	9
19	Ac 3 As 5	8	Ci Cs	8	Ci Cs	6	Ci	3	Ci	8	7	8	8
20	Ci	8	Cs	8	Claro	0	Claro	0	Ci	6	8	6	7
21	N	9	Cs	7	Ci	8	Cs	3	Cs	8	0	5	5
22	N	9	Claro	0	Claro	0	Claro	0	Claro	0	0	5	7
23	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	4	5	6
24	Ac	1	Claro	0	St	8	Frs	8	Ac	2	4	6	9
25	Claro	0	Claro	0	Claro	0	Ac	3	Ac	5	8	9	7
26	Ci	6	Ci	3	Cs	8	Cs	8	Cs	5	4	8	8
27	Claro	0	Claro	0	Claro	0	Ci	2	Cs	4	5	9	9
28	As As	8	As	8	Cs	8	As	8	St 4 Cs 4	8	8	7	9
29	Sc	7	Sc 7 Cs 1	8	Cs	8	Cs	8	Cs	4	5	8	9
30	Sc	8	Sc	7	Sc	5	Cu	3	Sc	8	8	6	8
31	Ns	8	Ns	8	Frs	8	Frs	8	St	8	5	5	7
Prom.		4		3		3		3		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	26.1	9.0	1.39	0	5	5	
	10	30.5	11.6	1.54	0	5	5	
	12	34.5	19.3	1.24	6	3	5	
	14	33.3	14.3	1.54	5	5	5	
	15	34.0	14.6	1.58	3	5	5	
2	9	26.5	8.8	1.44	3	5	5	
	10	34.6	11.5	1.88	4	3	5	
	12	12.0	7.0	0.41	8	0	5	
	14	10.7	7.1	0.29	8	0	4	
	15	8.6	6.1	0.20	8	0	4	
3	9	12.5	6.3	0.50	8	0	4	
	10	17.8	8.7	0.74	8	0	5	
	12	23.1	10.9	0.99	7	0	5	
	14	33.3	13.7	1.59	4	5	5	
	15	31.2	13.5	1.44	4	3	5	
4	9				8	0	2	N.
	10	30.0	11.5	1.50	0	5	4	
	12	35.4	16.1	1.57	4	3	5	
	14	32.8	16.0	1.36	3	5	5	
	15	31.4	15.4	1.30	0	5	5	
5	9	20.3	7.9	1.01	3	5	4	Ne.
	10	32.6	13.1	1.58	1	5	5	
	12	33.4	16.5	1.37	0	5	5	
	14	36.0	17.5	1.50	0	5	5	
	15	30.0	15.0	1.22	0	5	5	
6	9	30.0	13.0	1.38	1	5	5	
	10	37.0	17.2	1.61	3	3	5	
	12	38.2	17.9	1.65	3	5	5	
	14	24.7	16.0	0.71	4	3	5	
	15	37.1	18.2	1.54	7	2	5	
7	9	31.0	14.1	1.37	0	5	3	Ne.
	10	36.0	17.3	1.52	0	5	4	Ne.
	12	39.2	20.1	1.55	0	5	5	
	14	38.6	21.0	1.43	0	5	5	
	15	36.5	20.3	1.32	0	5	5	
8	9	32.0	15.0	1.38	0	5	3	Ne.
	10	37.2	18.7	1.50	0	5	4	Ne.
	12	40.2	22.1	1.47	0	5	5	
	14	40.1	23.1	1.38	0	5	5	
	15	37.9	22.0	1.29	0	5	5	
9	9	33.4	15.8	1.43	0	5	4	Ne.
	10	38.6	19.5	1.55	0	5	4	Ne.
	12	42.5	23.5	1.54	0	5	5	
	14	41.4	23.9	1.42	0	5	5	
	15	39.8	23.2	1.35	0	5	5	
10	9	31.2	15.7	1.26	0	5	2	N.
	10	37.2	19.1	1.47	0	5	4	N.
	12	37.7	21.9	1.28	0	4	2	N.
	14	43.0	23.1	1.62	0	5	5	
	15	34.0	21.5	1.02	2	5	5	
11	9	32.2	14.9	1.41	0	5	4	Ne.
	10	36.0	16.5	1.58	0	5	4	Ne.
	12	42.9	23.0	1.62	0	5	5	
	14	42.4	23.5	1.54	0	5	5	
	15	40.0	22.6	1.41	0	5	5	
12	9	32.0	14.8	1.40	0	5	3	Ne.
	10	37.1	18.5	1.51	0	5	3	Ne.
	12	42.5	23.8	1.52	0	5	4	
	14	42.0	24.6	1.41	0	5	4	B.
	15	40.0	23.3	1.36	0	5	5	
13	9	22.8	14.7	0.66	7	1	4	
	10	34.5	19.5	1.22	7	5	4	
	12	42.0	22.2	1.61	4	5	5	
	14	46.2	21.7	-	6	5	5	
	15	37.7	20.7	1.38	2	5	5	
14	9	33.0	15.7	1.41	0	5	4	Ne.
	10	37.5	18.3	1.56	0	5	4	Ne.
	12	40.6	21.5	1.55	1	5	5	
	14	39.0	22.3	1.36	0	5	3	B.
	15	33.6	19.9	1.10	0	5	4	B.
15	9	35.0	18.0	1.38	0	5	5	
	10	38.0	20.5	1.42	0	5	5	
	12	43.5	24.5	1.54	0	5	5	
	14	42.2	25.0	1.40	0	5	5	
	15	-	-	-	-	-	-	s/R.
16	9	25.3	13.9	0.93	3	4	5	
	10	37.0	18.0	1.54	2	5	5	
	12	39.5	20.5	1.54	1	5	5	
	14	39.2	21.0	1.48	0	5	5	
	15	36.7	19.3	1.41	0	5	5	
17	9	26.1	14.0	0.98	0	4	2	N.
	10	31.8	16.7	1.23	0	4	2	N.
	12	38.0	20.5	1.42	0	4	2	N.
	14	37.7	21.3	1.33	0	5	3	N.
	15	34.4	20.8	1.10	0	4	3	N.
18	9	29.0	13.0	1.30	7	4	5	
	10	16.6	10.6	0.49	8	0	5	
	12	38.2	17.9	1.65	1	5	5	
	14	38.6	18.6	1.63	3	5	5	
	15	33.5	15.8	1.44	6	4	5	
19	9	16.9	9.8	0.58	8	0	5	
	10	20.7	12.1	0.70	8	0	5	
	12	36.5	17.5	1.54	8	4	5	
	14	38.0	19.4	1.51	6	5	5	
	15	35.1	17.8	1.41	3	5	5	
20	9	28.3	14.7	1.10	8	2	5	
	10	31.1	17.0	1.15	8	1	4	B.
	12	38.0	20.0	1.46	7	4	4	B.
	14	38.1	20.9	1.40	0	5	3	B.
	15	36.2	20.5	1.28	0	5	4	B.
21	9	25.7	15.2	0.85	2	5	2	Ne.
	10	33.6	20.6	1.06	6	3	3	Ne.
	12	43.9	24.3	1.59	8	4	4	Ne.
	14	41.2	24.7	1.33	8	4	4	Ne.
	15	40.1	24.5	1.27	6	4	4	Ne.
22	9	35.5	21.8	1.11	0	4	3	N.
	10	41.8	26.0	1.28	0	5	3	Ne.
	12	47.1	31.4	1.28	0	4	3	Ne.
	14	46.1	32.5	1.10	0	5	4	Ne.
	15	43.0	31.1	0.97	0	5	3	Ne.
23	9	34.5	24.0	0.85	0	4	3	N.
	10	40.1	26.6	1.10	0	4	3	N.
	12	45.5	31.0	1.18	0	4	3	N.
	14	44.2	31.5	1.03	0	5	4	Ne.
	15	41.5	30.7	0.88	0	5	4	Ne.
24	9	33.5	23.4	0.82	0	2	3	N.
	10	38.1	25.5	1.02	0	2	3	N.
	12	35.0	26.7	0.67	7	0	3	N.
	14	21.5	17.6	0.32	8	0	4	Ne.
	15				8	0	4	Am.
25	9	33.8	15.8	1.46	0	5	5	
	10	38.0	18.3	1.60	0	5	5	
	12	41.2	20.8	1.66	0	5	5	
	14	40.4	21.0	1.58	0	5	5	
	15	38.0	20.5	1.42	1	5	5	
26	9	34.6	16.8	1.45	7	5	4	Ne.
	10	40.0	21.1	1.54	7	5	4	Ne.
	12	41.5	23.0	1.50	7	5	5	
	14	41.9	24.0	1.46	8	4	5	
	15	36.9	22.2	1.44	8	4	5	
27	9	30.0	14.5	1.26	0	5	3	Ne.
	10	36.7	17.7	1.54	0	5	5	
	12	39.3	19.5	1.61	0	5	5	
	14	28.5	20.0	0.69	0	5	5	
	15	36.5	29.5	0.57	0	5	5	
28	9	19.0	14.5	0.36	8	0	5	
	10	29.0	17.8	0.91	8	0	5	
	12	33.0	20.0	1.06	8	1	5	
	14	31.7	20.9	0.88	8	2	5	
	15	24.5	18.9	0.46	8	0	5	
29	9	35.0	20.1	1.21	8	2	5	
	10	25.1	18.0	0.58	8	1	5	
	12	29.6	20.5	0.74	7	1	5	
	14	36.6	24.6	0.98	8	2	4	
	15	39.4	24.5	1.21	8	4	5	
30	9	10.5	8.0	0.20	8	0	5	
	10	14.5	9.6	0.40	8	0	5	
	12	31.0	14.7	1.33	6	2	3	Ne.
	14	30.0	15.0	1.22	5	3	4	Ne.
	15	32.0	16.0	1.30	3	3	4	Ne.
31	9				8	0	3	Ne., LL.
	10				8	0	3	Ne., Z.
	12				8	0	3	Ne., Z.
	14				8	0	3	Z.
	15				8	0	4	Am.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	10.3	84
2				0.1	1.0	1.0	0.2								2.3	10.3	22
3						0.1	0.9	1.0	1.0	1.0	0.9	0.3			5.2	10.4	50
4			0.2		0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7			7.5	10.4	72
5			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.5	10.4	91
6			0.8	1.0	0.9	0.9	1.0	0.9	0.3	1.0	0.8				7.6	10.4	73
7			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.2	10.5	88
8			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.4	10.5	90
9			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.3	10.5	89
10			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4			9.1	10.6	86
11			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.4	10.6	89
12			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.7	10.6	92
13				0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.6			7.9	10.7	74
14			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.2	10.7	86
15			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			9.1	10.7	85
16					0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6			7.5	10.8	69
17					0.9	0.9	1.0	1.0	1.0	1.0	0.4				6.2	10.8	57
18			0.4	0.9	0.7	0.4	1.0	1.0	1.0	1.0	0.9	0.2			7.5	10.8	69
19				0.2		0.7	1.0	1.0	1.0	1.0	1.0	0.8			6.7	10.8	62
20			0.4	1.0	0.9	0.5	0.9	1.0	1.0	1.0	1.0	0.6			8.3	10.9	76
21					1.0	0.4	0.8	0.9	1.0	1.0	1.0	0.3			6.4	10.9	59
22				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			7.8	10.9	72
23				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.1	11.0	74
24				0.6	1.0	1.0	1.0	0.8	0.1						4.5	11.0	41
25			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.6	11.0	87
26			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1			8.8	11.1	79
27			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.4	11.1	85
28							0.1	0.2							0.3	11.1	03
29					0.2		0.2	0.8	0.9	1.0	1.0	0.9			5.0	11.2	45
30							0.9	0.9	1.0	1.0	1.0	0.1			4.9	11.2	44
31															0.0	11.3	00
Medias			0.3	0.6	0.8	0.8	0.9	0.9	0.8	0.9	0.8	0.4			7.2	10.8	68

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	7.4	9.7	8.8	7.5	8.6	8.6	7.4	7.4	7.6	8.2	8.1	8.2	11.3	11.2	11.1
2	7.0	8.6	8.6	7.0	8.1	8.1	6.9	7.1	7.3	8.0	7.9	8.0	11.0	11.0	11.0
3	7.4	10.0	8.8	7.3	8.4	8.4	6.9	7.0	7.4	7.8	7.8	7.9	10.9	10.8	10.7
4	6.8	9.8	9.0	6.8	8.2	8.5	6.8	6.8	7.2	7.8	7.6	7.7	10.9	10.8	10.6
5	6.2	10.1	9.1	6.5	8.2	8.6	6.6	6.9	7.5	7.6	7.6	7.8	10.7	10.7	10.6
6	7.3	10.6	10.6	7.1	8.9	9.5	7.0	7.2	8.0	7.8	7.8	8.0	10.8	10.8	10.7
7	7.9	12.0	10.8	7.9	9.7	10.2	7.5	7.9	8.8	8.2	8.3	8.6	10.9	11.0	11.1
8	8.7	12.6	12.0	8.5	10.3	11.0	8.1	8.4	9.2	8.8	8.8	9.2	11.3	11.4	11.4
9	8.8	13.5	12.4	8.9	11.1	11.5	8.4	8.9	9.8	9.1	9.2	9.8	11.6	11.7	11.7
10	8.8	13.2	12.2	9.0	11.1	11.5	8.8	9.1	9.8	9.4	9.4	9.8	11.9	12.0	12.0
11	9.8	13.8	13.0	9.7	11.6	12.2	9.2	9.2	10.1	9.8	9.6	9.8	12.2	12.1	12.0
12	9.4	13.8	12.4	9.6	11.6	11.8	9.2	9.3	10.1	9.9	9.8	10.0	12.4	12.4	12.3
13	11.0	14.1	12.6	10.6	12.2	12.1	9.7	10.1	11.6	10.1	10.3	10.6	12.5	12.6	12.7
14	9.4	13.4	12.2	9.6	11.6	11.7	9.3	9.6	10.4	10.2	10.0	10.4	12.7	12.7	12.7
15	10.5	14.2	14.0	10.3	12.2	12.7	9.7	10.0	10.5	11.3	10.2	10.6	12.8	12.5	12.8
16	11.7	15.0	13.2	12.1	13.1	12.8	10.8	11.1	11.4	11.0	11.1	11.4	13.1	13.3	13.3
17	10.5	13.5	12.7	10.5	11.8	12.0	10.3	10.3	10.6	11.0	10.8	10.8	13.3	13.3	13.2
18	10.4	12.8	11.4	10.2	11.3	11.3	9.8	9.8	10.2	10.5	10.3	10.4	13.1	13.0	12.9
19	9.2	12.2	11.8	9.2	10.6	11.0	9.1	9.0	9.5	10.0	9.6	9.8	12.9	12.6	12.3
20	9.9	13.4	13.1	9.6	11.5	12.1	9.1	9.3	10.0	9.8	9.8	10.0	12.7	12.5	12.5
21	11.5	15.4	14.6	11.0	12.9	13.7	10.0	10.5	11.5	10.5	10.6	11.1	12.8	13.0	13.1
22	13.0	18.3	18.1	12.4	15.1	16.2	11.0	12.0	13.2	11.2	11.6	12.3	13.4	13.6	13.9
23	16.9	20.0	19.0	15.6	17.2	17.5	15.4	14.1	14.8	12.8	13.4	13.9	14.4	14.7	14.9
24	17.5	19.6	17.0	16.5	17.5	16.5	14.5	14.8	14.8	14.1	14.3	14.4	15.4	15.6	15.5
25	13.3	16.5	15.1	13.5	14.9	14.8	13.1	12.9	13.3	13.7	13.2	13.3	15.7	15.5	15.3
26	12.0	16.8	14.2	12.3	14.5	14.7	12.1	13.4	13.2	12.9	12.8	13.1	15.3	15.3	15.1
27	12.1	15.4	14.4	12.3	14.0	13.9	12.1	12.1	12.6	12.8	12.4	12.8	15.2	15.1	15.0
28	12.8	15.1	15.0	12.6	13.7	14.1	11.9	12.1	12.5	12.5	12.5	12.6	15.0	15.0	14.9
29	14.1	17.1	16.0	13.5	15.0	15.2	12.2	12.7	13.4	12.7	12.8	13.1	14.9	15.0	15.1
30	12.4	14.1	13.4	12.6	13.2	13.1	12.1	11.9	12.0	12.8	12.5	12.4	15.1	15.0	14.9
31	12.6	12.8	13.4	12.3	12.5	12.6	11.5	11.7	11.7	12.2	12.1	12.6	14.7	14.7	14.6
Prom.	10.5	13.8	12.8	10.4	12.0	12.2	9.9	10.1	10.7	10.5	10.4	10.7	12.9	12.9	12.9

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.4	1.0	0.9	2.2	N. 2	24.2	20.6	23.4	24.1	19.2	9387
2					0	0.3	0.5	0.4	1.2							9403
3					0	0.3	0.9	0.9	1.9							9405
4					0	0.1	1.0	1.3	2.5							9408
5					0	0.2	2.3	0.2	3.1	N. 3	22.4	22.0	22.6			9410
6					0	0.6	1.9	1.2	3.5							9415
7					0	0.4	1.5	1.2	3.3							9418
8					0	0.6	2.2	1.6	4.3							9422
9					0	0.5	1.4	0.9	2.4							9423
10					0	0.1	0.9	0.8	2.0	N. 4	20.3	19.7	24.3			9436
11					0	0.3	0.9	0.8	1.9							9441
12					0	0.2	1.6	1.9	4.1							9445
13					0	0.6	1.6	1.2	3.4							9460
14					0	0.6	1.4	0.2	2.9							9466
15					0	1.3	2.9	3.1	7.5	N. 5	17.6	18.3	23.8			9461
16	7.4	8.0	-	5.7	1	1.5	2.3	1.6	4.8							9477
17					0	0.9	2.4	1.7	4.7							9482
18					0	0.6	1.5	1.0	2.8							9490
19					0	0.3	1.6	1.5	3.8							9498
20					0	0.7	1.2	0.9	2.3	N. 6	18.0	18.8	24.6			9500
21					0	0.2	0.5	0.7	1.3							9515
22					0	0.1	1.3	1.4	3.5							9521
23					0	0.8	2.0	1.3	4.6							9522
24					0	1.3	1.3	0.4	1.8							9533
25	0.0	0.0	0.0	0.0	0	0.1	1.2	1.7	3.0	N. 7	20.0	24.9	18.4			9538
26					0	0.1	0.3	0.9	1.9							9544
27					0	0.7	1.3	0.9	3.2							9553
28					0	1.0	2.1	0.9	3.3							9565
29	5.5	6.0	5.3	5.3	1	0.3	0.9	1.2	2.7							9566
30					1	0.6	0.5	0.9	1.9	N. 8	19.2	17.2	20.1			9576
31	0.0	0.0	0.0	0.0	2	0.5	0.1	0.3	0.5							9577
Prom.	12.9	14.0	-	11.0	-	0.5	1.4	1.1	3.0	-	-	-	-	-	-	9479

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
10.7	10.6	10.5	12.5	12.6	12.5	16.0	17.8	- 2.9	Ca. m. y n., Cn. t., r. m., h. m.
10.5	10.4	10.3	12.3	12.3	12.3	15.9	17.7	- 5.2	Cn. m. t. y n., r. m., h. m.
10.2	10.3	10.2	12.1	12.1	12.3	15.8	17.6	- 4.5	Cn. m. y t., Ca. n., r. n., h. m.
10.3	10.3	10.2	12.0	12.1	12.1	15.8	17.6	- 5.9	Cn. m., Ca. t. y n., h. m., N. m., r. n.
10.1	10.2	10.0	11.8	12.0	11.8	15.7	17.6	- 7.6	Ca. m. t. y n., h. m., Ne. m., r. n.
10.3	10.2	10.1	11.7	11.6	11.9	15.8	17.5	- 2.2	Ca. m. y t., Cn. n., h. m., r. m.
10.3	10.4	10.2	11.6	11.8	11.8	15.7	17.5	- 3.1	Ca. m. t. y n., h.N. m., r. n.
10.5	10.5	10.5	11.8	11.8	11.8	15.5	17.5	- 0.2	Ca. m. t. y n., Ne. m., r. n.
10.7	10.4	10.4	11.8	11.9	12.0	15.5	17.5	- 3.8	Ca. m. t. y n., h. m., Ns. m., r. n.
11.1	11.2	11.2	11.8	12.0	12.0	15.5	17.5	- 3.0	Ca. m. y n., Cn. t., h.Ns. m., r. n.
11.3	11.4	11.3	12.0	12.1	12.1	15.3	17.5	0.5	Ca. m. t. y n., Ne.r. m. y n.
11.5	11.5	11.5	12.0	12.1	12.2	15.1	17.4	- 1.6	Ca. m. t. y n.,Ne.m.y n,B.t,r.n,h. m.
11.7	11.8	11.8	12.3	12.3	12.3	15.2	17.4	3.6	Ca. n., Cn. m. y t.
11.9	12.0	12.0	12.2	12.3	12.3	15.2	17.4	- 3.5	Ca. m. t. y n., Ne.r. m., B. t., h. m.
12.2	12.1	12.0	12.3	12.3	12.4	15.3	17.4	- 0.1	Ca. m. y t., Cn. n., LL.R. n.
12.1	12.4	12.4	12.5	12.5	12.5	15.1	17.3	9.8	Cn. m. y n., Ca. t.
12.5	12.5	12.4	12.4	12.6	12.5	15.2	17.3	- 0.6	Ca. m. t. y n., N. m. y t., r. n.
12.4	12.4	12.3	12.5	12.6	12.6	15.1	17.2	1.6	Ca. t., Cn. m. y n., r. m., Js. t. Jl. n.
12.2	12.1	12.0	12.5	12.6	12.7	15.0	17.1	- 2.6	Cn. m. t. y n., r. m. y n., Jl. n.
12.0	12.0	12.0	12.6	12.7	12.7	15.0	17.1	10.4	Ca. t.,Cn.m. y n, Ne.r.m.y n,B.t,Jl. n.
12.2	12.3	12.3	12.7	12.7	12.7	15.0	17.1	-	Cn. m. t. y n., N. m., Ne. t. y n., r.Dl.Jl.n.
12.5	12.6	12.8	12.8	12.8	12.8	15.0	17.0	6.9	Cn. m., Ca. t. y n., N. m., Ne. t., r. n.
13.3	13.6	13.6	12.8	12.8	12.8	15.0	17.0	16.6	Ca. m. t. y n., N. m., Ne. t. y n., r. n.
14.1	14.2	14.3	13.0	13.0	13.1	15.0	17.0	14.3	Ca. m. y n.,Cn. t.,r. m.,N. m,Ne. t.,LL. t.
14.1	14.5	14.3	13.3	13.3	13.4	15.0	17.0	0.3	Ca. m. y t., Cn. n., r. m. y n.,Ne. n.
14.3	14.4	14.1	13.5	13.6	13.6	15.0	16.9	- 1.4	Cn. m. t. y n., N. m., r.Jl. n.
14.3	14.3	14.1	13.6	13.6	13.6	15.0	16.9	- 0.6	Ca. m. y t., Cn. n., r. m. y n.,Ne. m.Jl. n.
14.2	14.2	14.1	13.7	13.9	13.8	15.0	16.9	5.3	Cn. m. t. y n.
14.1	14.2	14.2	13.9	13.7	13.8	15.0	16.9	9.0	Cn. m. t. y n., Ne. m., LL. m.
14.2	14.2	14.1	13.9	13.9	13.9	15.0	16.9	0.2	Cn. m. t. y n., r. m., Ne. t.
14.1	14.1	13.9	13.9	13.9	13.9	15.0	16.9	8.5	Cn. m. t. y n., LL. m., Ne. m., Z. t.
12.1	12.2	12.1	12.6	12.6	12.7	15.3	17.3	1.3	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm mb	mm. mb			mm mb			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	64.7	75.8	2	11-12	54.4	10	15	7.5	14.3	1.7	20.4	9,10	14-15,14	- 1.4	4	2-3	7.8	10.4	74
2ª	57.5	63.3	14	22,23	46.0	16	5-6	11.3	18.1	5.0	21.2	15	14-15	1.2	19	4-5	8.2	10.7	76
3ª	59.0	67.8	27	8	50.5	29	3	14.4	20.2	8.7	29.4	22	14,15	3.5	26	6	5.9	11.1	54
MES	60.4	75.8	2	11-12	46.0	16	5-6	11.2	17.6	5.2	29.4	22	14,15	- 1.4	4	2-3	7.2	10.8	68

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora						
	%	%		%		mm mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h.			Km/h.				mm.	mm.		mm.		
1ª	77	100	varios	32	5	5.8	10.0	3.6	NW	11	36	6,8	28	8	11-12	33	NW	6,8	10.15 12.03	-	-	-	-	-	-
2ª	68	100	varios	23	17	6.5	11.0	3.2	NE	14	48	15	30	15	17-18	60	S	16	6.56	8.0	8.0	16	1.2	15	20-21
3ª	80	100	varios	39	26	9.8	18.5	4.4	N	12	36	varios	28	24	11-12 12-13	52	NW	24	12.26	6.0	6.0	29	3.0	29	4-5
MES	75	100	varios	23	17	7.4	10.0	3.2	N	11	48	15	30	15	17-18	60	S	16	6.56	14.0	8.0	16	3.0	29	4-5

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	7	-	2	2	2	-	-	-	-	-	-	-	-	-	2	-	-
2ª	5	1	4	2	-	-	-	1	-	-	-	-	-	-	5	-	1
3ª	5	-	9	5	-	-	-	3	1	-	-	-	-	-	1	-	-
MES	17	1	15	9	2	-	-	4	1	-	-	-	-	-	8	-	1

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	10	3	-	-	-	-	-	-	-	-	-	2	8	3	-	-
2ª	6	-	-	-	-	-	-	1	3	-	-	7	3	-	-	-
3ª	8	-	-	-	-	-	1	-	3	-	-	4	6	-	2	-
MES	24	3	-	-	-	-	1	1	6	-	-	13	17	3	2	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V SEPTIEMBRE 1950 Nº. 9

RESUMEN MENSUAL

La típica sudestada que se formara en la noche del 31 del mes anterior se mantiene hasta la tarde del día 2 con cielo nublado y lluvias intermitentes. En la noche del 3 el cielo se aclara por completo. Siguen días con tiempo bueno y cielo nublado. El 7 desmejora rápidamente; por la tarde empieza a llover continuando durante todo el día 8. En los dos últimos días de la década el cielo está despejado y las condiciones generales son normales para el principio de la primavera.

Antes de la llegada de una intensa corriente de aire polar, el día 11 desciende la presión a su nivel mínimo mensual con 746.5 mm. La afluencia de aire frío se mantiene durante el día 12; el 13 cambia el viento hacia el N provocando un marcado ascenso de la temperatura en los días siguientes de modo que el 15 la temperatura y tensión del vapor alcanzan sus máximos mensuales en un aire casi tropical con 27.1°C y 18.0 mm. Con marcado descenso de la columna térmica (17.0°C en 15 horas) se hace presente por la tarde de este mismo día una corriente de aire polar que llega desde el SE, iniciando una sudestada que se prolonga hasta el 19 con cielo prácticamente cubierto y lluvias intermitentes. El día 20 por la mañana se mantiene el cielo nublado mientras que una nueva y potente corriente de aire polar alcanza el Río de la Plata.

El continuo aflujo de aire frío durante el día 21 y 22 hace subir durante este último día la presión a 775.2 mm; regístranse entonces los valores mínimos de la temperatura y tensión del vapor con 0.3°C y 3.8 mm respectivamente. La temperatura de la superficie baja hasta los -3.9°C. En este aire frío (las temperaturas son de cinco a ocho grados inferiores al término medio), se forma sobre el Observatorio una extensa zona lluviosa que nubla el cielo provocando ligeras lluvias durante el 23 y 24. El 25 aclara, pero sólo el 26 con el cambio del viento al N alcanza la temperatura los valores normales de fin de Setiembre.

Los promedios mensuales reflejan casi exactamente los valores corrientes del mes. La humedad, lluvia y heliofanía arrojan pequeñas desviaciones negativas.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	17	12	23	30	62	85	94	-	-	-	-	-	-	±∞	±∞
2	14	14	14	12	7	5	14	21	37	54	52	50	52	56	56
3	43	41	43	46	43	48	46	69	75	75	77	73	70	69	66
4	48	39	48	59	56	65	75	78	69	73	72	54	52	54	61
5	59	65	64	46	28	19	50	79	68	69	70	59	56	66	61
6	75	78	56	75	73	70	72	70	72	83	50	68	59	73	81
7	111	98	86	28	23	75	66	62	46	26	39	19	-∞	±∞	61
8	59	50	78	75	72	54	64	50	46	82	59	-∞	-∞	±∞	±∞
9	23	30	54	52	54	52	68	73	81	85	77	74	68	68	64
10	62	68	72	72	79	69	70	73	72	74	68	56	41	64	52
11	21	32	32	- 3	23	2	43	21	19	30	14	54	32	17	5
12	50	56	65	59	65	56	65	85	81	75	28	54	56	62	65
13	96	87	81	66	90	90	87	118	119	119	89	77	78	86	103
14	74	50	54	65	50	56	69	78	69	72	64	59	82	82	83
15	46	37	34	39	41	72	28	62	56	34	-48	32	-23	39	59
16	21	5	12	-	-	-	-	-	-	-	-	-	-	-	-
17	43	32	23	32	37	30	34	41	41	28	28	46	30	17	21
18	83	108	98	72	-19	73	95	87	54	61	-	-	-	87	87
19	50	41	12	43	48	34	-∞	±∞	±∞	±∞	±∞	±∞	-	89	73
20	62	46	46	54	56	46	54	59	65	75	72	61	66	62	69
21	46	48	48	56	59	52	70	77	85	87	81	83	77	75	70
22	59	59	54	59	59	52	64	82	96	96	85	81	74	65	69
23	-	-	-	-	32	21	-108	-82	111	115	75	-∞	±∞	±∞	62
24	7	-99	±∞	-48	14	54	61	74	50	56	41	54	75	52	61
25	78	77	81	87	81	100	122	119	103	129	118	111	89	87	72
26	37	-19	-11	-14	14	50	69	70	23	28	41	43	56	66	73
27	75	72	69	69	64	65	73	70	61	62	52	50	66	68	61
28	61	52	66	83	92	86	98	78	54	77	98	74	64	61	81
29	24	30	70	66	65	75	86	102	111	115	104	70	89	89	124
30	95	99	100	92	85	75	83	104	126	96	94	83	62	48	86
31															
Prom.	54.2	52.1	52.9	57.9	57.1	56.7	67.5	78.9	79.5	84.0	73.9	67.5	67.7	70.2	71.7

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	-	-	-	-	-	-	-	-	0.41	0.83	1.24	0.49	0.07	0.17	0.24	0.41
2	12.16	14.81	26.97	0.82	5.61	9.47	15.08	0.59	1.30	1.36	2.66	0.96	0.63	0.85	1.48	0.74
3	4.48	5.24	9.72	0.85	5.26	7.92	13.18	0.66	0.65	0.70	1.35	0.93	2.14	1.17	3.31	1.83
4	4.30	4.36	8.66	0.98	4.75	5.28	10.03	0.90	0.48	0.58	1.06	0.83	0.64	0.65	1.29	0.98
5	6.79	7.95	14.74	0.85	8.16	9.69	17.85	0.85	0.91	1.03	1.94	0.88	1.06	1.38	2.44	0.77
6	3.38	4.56	7.94	0.74	1.54	1.00	2.54	1.54	0.43	0.54	0.97	0.80	0.17	0.15	0.32	1.13
7	3.79	3.72	7.51	1.02	1.76	2.36	4.12	0.77	0.43	0.41	0.84	1.05	0.77	0.30	1.07	2.57
8	4.54	6.17	10.71	0.74	8.52	6.70	15.22	1.27	0.47	0.90	1.37	0.52	0.99	1.13	2.12	0.88
9	5.94	6.67	12.61	0.90	9.81	9.34	19.15	1.06	0.77	0.67	1.44	1.15	1.00	0.99	1.99	1.01
10	7.59	7.12	14.71	1.07	5.55	4.71	10.26	1.18	0.91	0.89	1.80	1.02	0.74	0.62	1.36	1.19
11	-	-	-	-	9.96	11.02	20.98	0.90	1.05	1.00	2.05	1.05	0.99	1.22	2.21	0.81
12	8.48	9.25	17.73	0.93	5.89	3.66	9.55	1.64	0.96	0.96	1.92	1.00	0.66	0.94	1.60	0.70
13	6.81	8.06	14.87	0.84	8.08	7.66	15.74	1.05	0.90	1.05	1.95	0.86	0.88	0.84	1.72	1.05
14	7.92	8.20	16.12	0.96	4.83	5.23	10.06	0.93	1.05	1.14	2.19	0.92	0.62	0.64	1.26	0.97
15	8.62	4.86	13.48	1.75	3.12	4.03	7.15	0.79	0.70	0.50	1.20	1.40	0.50	0.44	0.94	1.14
16	4.48	6.23	10.71	0.72	4.62	9.67	14.29	0.49	0.68	0.78	1.46	0.87	1.10	1.24	2.34	0.89
17	2.72	1.61	4.33	1.71	3.17	3.57	6.74	0.89	0.34	0.30	0.64	1.13	0.39	0.41	0.80	0.95
18	2.01	2.35	4.36	0.87	2.16	1.75	3.91	1.26	0.23	0.21	0.44	1.10	0.17	0.09	0.26	1.89
19	-	-	-	-	9.90	11.18	21.08	0.88	-	-	-	-	0.88	0.83	1.71	1.06
20	11.14	12.29	23.43	0.91	13.36	13.52	26.88	0.98	1.15	1.39	2.54	0.83	1.19	1.45	2.64	0.82
21	6.26	7.20	13.46	0.87	8.60	9.50	18.10	0.91	0.83	0.97	1.80	0.86	1.18	1.24	2.42	0.95
22	4.98	6.29	11.27	0.78	10.41	10.50	20.91	0.99	0.33	0.93	1.26	0.35	1.32	1.54	2.86	0.86
23	6.18	5.52	11.70	1.12	3.45	3.92	7.37	0.88	0.77	0.82	1.59	0.94	0.44	0.49	0.93	0.90
24	14.59	14.19	28.78	1.03	13.58	15.89	29.47	0.85	1.46	1.36	2.82	1.07	1.40	1.41	2.81	0.99
25	10.17	9.43	19.60	1.09	11.07	11.07	22.14	1.00	0.73	1.08	1.81	0.68	1.48	1.58	3.06	0.94
26	3.77	4.04	7.81	0.94	5.53	5.53	11.06	1.00	0.20	0.42	0.62	0.48	0.14	0.06	0.20	2.33
27	8.40	8.40	16.80	1.00	4.15	4.15	8.30	1.00	1.08	1.03	2.11	1.05	0.41	0.56	0.97	0.73
28	7.07	7.07	14.14	1.00	3.58	3.41	6.99	1.02	0.63	0.71	1.34	0.89	0.39	0.42	0.81	0.93
29	3.62	4.05	7.67	0.91	2.23	6.46	8.69	0.35	0.50	0.61	1.11	0.82	0.31	0.30	0.61	1.03
30	1.96	1.96	3.92	1.00	1.96	3.42	5.38	0.56	0.24	0.19	0.43	1.26	0.28	0.42	0.70	0.67
31																
Prom.	6.38	6.72	13.10	0.95	6.23	6.95	13.18	0.90	0.71	0.81	1.52	0.88	0.77	0.78	1.55	0.99

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
±∞	±∞	±∞	±∞	±∞	34	34	41	21		∞	-∞	-	3*
68	74	75	73	59	56	54	41	39	41.5	86	- 9	95	1
65	66	85	86	86	72	66	64	50	63.5	137	-13	150	1
69	94	99	95	73	78	78	69	74	68.0	127	- 8	135	1
66	65	65	78	75	83	73	70	73	62.8	124	-13	137	1
-	-	-	-	107	72	100	116	147		164	-13	177	1*
62	68	-∞	48	-48	30	±∞	±∞	±∞		∞	-∞	-	3*
±∞	65	65	87	132	75	-	-	-		∞	-∞	-.	3*
65	72	65	64	64	59	65	69	65	63.0	128	-351	479	1
54	56	137	98	46	99	50	41	41	67.2	197	-19	216	1
19	28	50	62	50	46	46	39	39		68	-32	100	2
65	65	65	70	74	100	132	119	124	72.3	188	- 5	193	1
78	78	86	79	70	89	75	82	81	87.7	176	-17	193	1
81	89	89	96	86	81	73	62	52	71.5	156	- 9	165	1
56	52	48	41	28	21	14	19	26		∞	-323	-	2
-	-	-	46	54	56	56	54	50		-	-	-	2*
32	28	46	28	- 2	17	21	23	10		82	-34	116	2
78	39	68	64	56	34	17	30	50		169	-229	398	2*
59	37	23	30	41	32	41	50	52		∞	-∞	-	3*
72	32	62	68	69	64	62	62	59	60.1	91	-59	150	1
74	79	83	81	82	79	75	78	77	71.8	99	23	76	0
72	75	70	62	54	48	46	28	21	63.8	107	-10	97	0
65	86	65	70	68	50	37	46	43		∞	-∞	-	3*
65	54	-37	46	39	41	34	39	17		∞	-∞	-	3*
72	81	83	83	83	74	70	68	68	89.0	174	32	142	0
77	81	85	83	83	82	85	85	89		197	-299	496	2
61	87	104	119	109	93	91	77	62	74.2	122	12	110	0
91	124	104	87	-	-	56	48	10		116	9	125	1*
135	166	176	132	79	87	79	81	96	93.8	205	- 3	208	1
108	132	68	48	30	37	-	17	34		158	- 9	167	1*
73.1	78.6	89.6	85.6	73.9	77.5	72.6	67.4	65.5	69.8				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
-	-	-	-	-	-	-	-	-	-	-
41	54	75	4.79	3.70	809	681	1490	1.19	3.16	0.68
75	74	65	3.33	7.17	702	865	1567	0.81	1.17	1.13
70	39	96	1.38	4.13	612	702	1314	0.87	0.03	1.47
73	56	65	3.62	5.29	811	1016	1827	0.80	0.51	1.56
61	69	-	2.09	-	358	431	789	0.83	0.04	0.46
50	61	73	1.71	2.60	536	509	1045	1.05	0.74	1.15
32	21	68	0.96	4.80	203	379	582	0.54	-	1.09
74	75	72	3.35	4.78	1186	714	1900	1.66	1.55	1.11
62	61	64	3.66	2.90	714	754	1468	0.95	1.12	2.44
26	48	30	3.28	2.21	1079	1016	2095	1.06	0.19	0.97
19	54	66	3.46	3.52	1067	1025	2092	1.04	0.73	0.40
79	64	78	4.16	4.47	970	813	1783	1.19	1.70	-
59	46	87	3.94	3.65	607	536	1143	1.13	1.60	-
-28	54	41	2.16	1.28	484	356	840	1.36	2.54	2.23
-	-	-	-	-	555	809	1364	0.69	-	1.97
14	54	37	1.15	0.99	-	-	-	-	-	-
-	-	26	-	0.22	203	1178	1381	0.17	1.00	-
-	-	37	-	2.11	-	-	-	-	-	-
70	62	7	5.25	0.62	-	-	-	-	1.09	2.03
79	83	79	4.98	6.37	1132	1171	2303	0.97	0.54	1.52
81	82	75	3.44	7.15	710	700	1410	1.01	2.48	0.96
87	-13	73	-0.69	2.26	1025	509	1534	2.01	1.82	0.37
48	26	41	2.44	3.84	815	970	1785	0.84	-	0.63
115	114	81	6.88	8.26	970	861	1831	1.13	0.21	0.91
41	39	81	0.81	0.54	306	809	1115	0.37	0.66	2.55
46	50	91	3.52	2.94	970	914	1884	1.06	0.21	1.07
95	74	122	3.30	3.29	-	-	-	-	-	-
98	81	172	3.00	3.50	536	964	1500	0.56	3.42	2.25
96	89	132	1.28	3.08	358	161	519	2.25	2.76	3.81
60	58	72	3.42	3.54	709	754	1462	0.94	1.27	1.43

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 1.2	- 2.3	- 1.2	- 1.2	- 2.3	3.6	6.0	2.4	3.6	- 3.5	2.4	6.0	4.8
2	- 2.4	- 1.2	- 1.2	- 2.3	- 3.5	1.2	4.8	4.8	3.6	- 1.2	- 1.2	2.4	4.8
3	- 1.2	- 1.2	- 2.3	- 2.3	1.2	3.6	1.2	- 7.0	- 3.5	- 3.5	4.8	- 9.3	-11.6
4	- 1.2	1.2	1.2	1.2	2.4	- 1.2	- 2.3	- 5.8	- 4.6	1.2	- 7.0	- 4.6	- 5.8
5	3.6	1.2	2.4	3.6	6.0	2.4	3.6	- 9.3	- 5.8	- 7.0	- 4.6	1.2	- 2.3
6	3.6	6.0	4.8	1.2	- 1.2	- 1.2	7.2	- 3.5	- 2.3	2.4	1.2	1.2	4.8
7	1.2	- 1.2	2.4	2.4	- 3.5	- 2.3	- 7.0	- 3.5	- 4.6	- 3.5	- 7.0	3.6	2.4
8	- 2.3	- 2.3	- 1.2	- 2.3	2.4	1.2	1.2	- 4.6	-	-	- 1.2	- 1.2	3.6
9	9.6	4.8	4.8	2.4	2.4	4.8	3.6	1.2	- 2.3	- 5.8	4.8	4.8	7.2
10	4.8	7.2	9.6	4.8	3.6	4.8	7.2	4.8	3.6	2.4	2.4	3.6	3.6
11	- 1.2	4.8	1.2	4.8	6.0	3.6	4.8	2.4	1.2	2.4	1.2	1.2	1.2
12	1.2	1.2	2.4	2.4	3.6	4.8	2.4	1.2	- 3.5	- 5.8	- 2.3	1.2	2.4
13	2.4	3.6	4.8	6.0	4.8	2.4	2.4	1.2	1.2	2.4	3.6	- 1.2	1.2
14	1.2	2.4	3.6	4.8	1.2	1.2	2.4	7.2	7.2	3.6	- 1.2	- 1.2	- 2.3
15	- 2.3	- 3.5	- 2.3	- 1.2	- 3.5	1.2	- 4.6	- 9.3	-12.8	- 9.3	- 7.0	- 2.3	- 5.8
16	- 1.2	- 2.3	1.2	1.2	- 2.3	- 2.3	2.4	- 3.5	-15.1	-13.9	2.4	- 7.0	-12.8
17	- 8.1	- 3.5	- 1.2	- 1.2	- 3.5	2.4	2.4	- 2.3	- 3.5	- 2.3	- 1.2	- 8.1	-15.1
18	-	-	-	-	-	-	- 5.8	-11.6	- 7.0	- 5.8	- 2.3	- 1.2	- 1.2
19	- 2.4	- 1.2	- 1.2	1.2	- 2.3	- 2.3	- 7.0	-12.8	-11.6	- 5.8	2.4	-	-
20	1.2	- 3.5	1.2	3.6	2.4	2.4	2.4	- 2.3	2.4	2.4	- 8.1	1.2	1.2
21	- 1.2	- 2.3	1.2	1.2	- 1.2	- 1.2	- 3.5	- 7.0	- 4.6	- 2.3	1.2	3.6	2.4
22	1.2	2.4	1.2	1.2	- 2.3	- 2.3	- 9.3	- 8.1	- 1.2	1.2	1.2	2.4	2.4
23	- 2.3	3.6	8.4	12.0	12.0	8.4	2.4	1.2	- 1.2	1.2	4.8	12.0	1.2
24	2.4	4.8	15.6	16.8	7.2	4.8	3.6	- 2.3	- 1.2	3.6	1.2	- 1.2	1.2
25	4.8	12.0	10.8	13.2	6.0	- 3.5	- 3.5	- 9.3	- 7.0	- 5.8	- 2.3	1.2	- 2.3
26	-	-	-	-	-	-	-	-	- 3.5	1.2	1.2	1.2	- 3.5
27	- 1.2	- 1.2	- 1.2	- 1.2	- 4.6	- 2.3	- 2.3	- 3.5	2.4	3.6	- 1.2	- 3.5	- 1.2
28	- 5.8	- 4.6	- 2.3	- 2.3	- 3.5	- 3.5	- 8.1	-	-	-	-	2.4	2.4
29	- 1.2	- 1.2	1.2	1.2	- 1.2	- 1.2	- 4.6	- 3.5	- 4.6	- 4.6	1.2	2.4	2.4
30	- 1.2	- 1.2	1.2	2.4	1.2	1.2	3.6	- 1.2	1.2	1.2	1.2	2.4	3.6
31													
Prom	0.3	0.8	2.3	2.6	1.0	1.1	0.2	- 3.0	- 2.6	- 1.8	- 0.3	0.5	- 0.4
Var.	0.8	0.3	3.4	3.6	2.1	2.2	1.3	- 1.9	- 1.5	- 0.7	0.8	1.6	0.7

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	4.8	7.1	3.6	2.4	- 8.3	-13.1	- 3.6	6.0	3.6	- 3.6	9.5	7.1	7.1
2	4.8	6.0	3.6	2.4	- 9.5	- 9.5	- 3.6	- 2.4	- 1.2	- 9.5	- 7.1	- 6.0	- 8.3
3	1.2	3.6	2.4	2.4	1.2	- 4.8	- 7.1	-13.1	-13.1	-11.9	-11.9	-13.1	- 6.0
4	2.4	4.8	3.6	3.6	- 8.3	-11.9	-10.7	- 1.2	- 6.0	- 3.0	- 7.1	-11.9	- 9.5
5	8.3	9.5	3.6	1.2	-10.7	-10.7	- 6.0	1.2	- 8.3	-13.1	- 9.5	- 9.5	- 7.1
6	1.2	2.4	1.2	1.2	- 7.1	-14.3	- 4.8	- 4.8	- 6.0	- 3.6	- 8.3	- 8.3	- 8.3
7	2.4	2.4	1.2	- 2.4	-15.5	-19.0	-11.9	- 4.8	-11.9	-14.3	- 6.0	- 7.1	- 4.8
8	34.5	36.8	29.8	30.9	17.8	11.9	17.8	19.0	-	-	-	-	-
9	16.7	11.9	6.0	2.4	- 6.0	-	-	- 6.0	-11.9	-15.5	- 7.1	- 6.0	-11.9
10	2.4	1.2	- 2.4	1.2	- 3.6	- 4.8	- 6.0	- 8.3	-14.3	-10.7	-11.9	- 9.5	- 7.1
11	7.1	3.6	1.2	- 1.2	-13.1	-16.7	-11.9	- 4.8	-17.8	-11.9	- 7.1	- 7.1	- 6.0
12	1.2	2.4	1.2	- 1.2	-10.7	-13.1	- 8.3	- 4.8	- 8.3	- 9.5	- 8.3	- 7.1	- 6.0
13	1.2	1.2	- 1.2	- 2.4	- 9.5	-14.3	-13.1	- 8.3	-10.7	-11.9	- 7.1	- 6.0	- 6.0
14	- 2.4	- 1.2	- 2.4	- 3.6	- 9.5	-15.5	-11.9	7.1	- 9.5	3.6	- 2.4	- 3.6	- 6.0
15	2.4	3.6	1.2	1.2	- 6.0	- 6.0	- 8.3	- 4.8	- 7.1	- 4.8	- 6.0	- 6.0	- 7.1
16	1.2	1.2	1.2	- 1.2	- 7.1	-14.3	-10.7	- 8.3	- 7.1	- 6.0	- 7.1	- 4.8	- 9.5
17	- 2.4	1.2	- 1.2	- 1.2	- 4.8	- 4.8	- 4.8	- 6.0	9.5	- 9.5	-13.1	- 9.5	- 9.5
18	-	-	-	-	-	-	-	-	-	-	-	-	- 6.0
19	2.4	4.8	2.4	1.2	- 7.1	-13.1	-14.3	- 9.5	- 8.3	- 8.3	1.2	-	-
20	1.2	2.4	1.2	- 1.2	- 8.3	-14.3	- 7.1	- 7.1	- 6.0	- 7.1	- 7.1	- 8.3	- 8.3
21	1.2	1.2	1.2	- 3.6	-13.1	- 7.1	-11.9	- 7.1	- 3.6	- 4.8	- 6.0	- 7.1	- 6.0
22	1.2	1.2	1.2	- 1.2	-11.9	-11.9	- 9.5	- 6.0	- 6.0	- 4.8	- 6.0	- 7.1	- 8.3
23	1.2	2.4	1.2	1.2	- 2.4	- 8.4	- 3.6	3.6	3.6	1.2	- 3.6	- 8.3	- 7.1
24	- 2.4	1.2	1.2	2.4	- 1.2	- 2.4	- 1.2	- 6.0	- 6.0	- 4.8	- 9.5	-14.3	- 6.0
25	2.4	6.0	3.6	4.8	4.8	- 9.5	- 7.1	- 4.8	-13.1	-11.9	- 7.1	- 7.1	- 6.0
26	-	-	-	-	-	-	-	-	-10.7	-11.9	- 6.0	- 7.1	- 8.3
27	1.2	2.4	1.2	- 1.2	-13.1	-14.3	- 8.3	- 4.8	- 6.0	- 8.3	- 6.0	-10.7	- 8.3
28	- 1.2	1.2	- 1.2	- 2.4	- 7.1	-13.1	-10.7	-	-	-	-	- 9.5	- 4.8
29	1.2	1.2	1.2	- 2.4	-10.7	-11.9	-11.9	- 7.1	- 9.5	- 9.5	- 4.8	- 7.1	- 6.0
30	1.2	1.2	- 1.2	- 1.2	- 9.5	-10.7	- 6.0	- 3.6	- 6.0	- 4.8	- 8.3	- 6.0	- 9.5
31													
Prom	3.6	4.4	2.3	1.1	- 6.8	-10.3	- 7.3	- 3.6	- 7.8	- 7.8	- 6.4	- 7.4	- 6.8
Var.	8.0	8.8	6.7	5.5	2.4	- 6.9	- 2.9	0.8	- 3.4	- 3.4	- 2.0	- 3.0	- 2.4

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
7.2	3.6	2.4	- 2.3	2.4	4.8	6.0	1.2	- 2.3	1.2	- 4.6	1.5	1
4.8	1.2	- 7.0	-10.4	- 8.1	- 8.1	- 7.0	- 2.3	- 1.2	- 1.2	- 4.6	- 1.5	0
3.6	-11.6	-16.8	- 5.8	1.2	- 8.1	-15.1	2.4	1.2	6.0	12.0	- 2.6	2
- 2.3	-10.8	- 1.2	- 8.1	- 4.6	-10.4	- 7.0	1.2	2.4	- 1.2	1.2	- 2.8	2
4.8	- 2.3	- 4.6	- 7.0	- 4.6	- 8.1	- 2.3	- 5.8	2.4	4.8	- 1.2	- 1.2	2
- 3.5	- 2.3	- 5.8	- 8.1	- 4.6	- 2.3	- 7.0	2.4	1.2	1.2	1.2	- 0.1	1
1.2	- 1.2	- 4.6	- 9.3	- 3.5	4.8	7.2	4.8	4.3	2.4	8.4	- 0.2	1
-	2.4	14.4	4.8	1.2	- 4.6	7.2	-	-	-	10.8	1.6	2
1.2	2.4	2.4	- 5.8	1.2	- 1.2	2.4	4.8	3.6	1.2	2.4	2.4	2
7.2	2.4	2.4	1.2	2.4	1.2	1.2	4.8	2.4	- 1.2	- 8.4	3.2	1
- 1.2	- 1.2	- 1.2	- 2.3	- 1.2	- 1.2	- 1.2	- 3.5	- 5.8	1.2	1.2	0.8	0
2.4	1.2	1.2	- 3.5	1.2	- 3.5	- 2.3	- 2.3	2.4	2.4	1.2	0.5	1
- 2.3	- 4.6	- 4.6	- 7.0	1.2	2.4	- 1.2	1.2	1.2	1.2	- 1.2	0.9	1
- 7.0	- 9.3	-10.4	- 7.0	- 5.8	- 7.0	- 5.8	- 4.6	- 3.5	- 2.4	- 3.5	- 1.5	1
- 4.6	- 4.6	- 5.8	- 5.8	- 1.2	- 1.2	- 3.5	- 3.5	- 4.6	- 3.5	- 2.3	- 4.3	0
- 8.1	- 2.3	- 5.8	-10.2	-10.4	- 8.1	- 7.0	- 3.5	- 2.3	- 1.2	- 5.8	- 5.2	2
-12.8	-10.4	-16.2	-10.4	-10.4	- 5.8	-13.9	- 9.3	-11.6	9.6	2.4	- 5.6	1
- 7.0	- 9.3	- 7.0	-10.4	- 7.0	- 4.6	- 3.5	- 7.0	- 2.3	1.2	- 2.3	- 5.2	1
4.8	- 3.5	- 4.6	- 5.8	- 9.3	-16.2	- 5.8	-10.4	6.0	4.8	1.2	- 3.7	2
- 2.3	1.2	-12.8	-12.8	- 2.3	- 2.3	- 1.2	- 4.6	- 2.3	1.2	2.4	- 1.2	1
1.2	- 3.5	- 3.5	- 5.8	- 4.6	- 4.6	- 3.5	- 3.5	- 1.2	1.2	- 1.2	- 1.8	0
- 1.2	1.2	- 4.6	- 8.1	- 8.1	- 7.0	- 3.5	- 3.5	- 2.3	1.2	- 1.2	- 2.0	1
1.2	1.2	1.2	- 9.3	- 9.3	-12.8	- 8.1	3.6	4.8	4.8	4.8	1.9	2
- 8.1	- 3.5	- 5.8	-12.8	-11.6	- 4.6	-10.4	8.4	- 1.2	1.2	7.2	0.6	2
3.6	- 3.5	- 2.3	- 8.1	- 8.1	- 2.3	- 3.5	2.4	-	-	-	- 0.4	2
- 4.6	- 4.6	-17.4	- 8.1	- 2.3	2.4	- 1.2	- 1.2	- 3.5	2.4	2.4	- 2.4	1
- 1.2	- 8.1	- 5.8	- 7.0	1.2	- 1.2	1.2	- 3.5	- 2.3	1.2	- 2.3	- 1.9	0
- 2.3	- 1.2	- 2.3	- 4.6	- 4.6	- 2.3	- 2.3	1.2	1.2	2.4	1.2	- 1.9	1
- 2.3	- 2.3	- 3.5	- 8.1	- 5.8	- 3.5	- 2.3	- 3.5	- 3.5	- 1.2	- 1.2	- 2.1	1
3.6	- 1.2	-15.1	-17.4	- 8.1	- 4.6	- 4.6	- 7.0	- 8.1	- 8.1	- 1.2	- 2.3	2
- 0.8	- 2.8	- 4.7	- 7.4	- 4.1	- 4.0	- 3.3	- 1.4	- 0.9	1.2	0.7	- 1.1	
0.3	- 1.7	- 3.6	- 6.3	- 3.0	- 2.9	- 2.2	- 0.3	0.2	2.3	1.8		

LÍNEAS LARGAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
4.8	6.0	2.4	2.4	3.6	3.6	1.2	2.4	3.6	4.8	3.6	2.5	1
- 6.0	- 6.0	- 9.5	-11.9	- 9.5	-13.1	-14.3	- 2.4	1.2	4.8	1.2	- 4.4	1
-10.7	- 4.8	- 9.5	- 8.3	-14.3	-10.7	- 9.5	- 6.0	-10.7	1.2	1.2	- 6.3	1
-11.9	- 7.1	- 7.1	- 7.1	- 8.3	- 6.0	- 4.8	- 6.0	- 3.6	2.4	3.6	- 4.6	2
- 8.3	-10.7	-14.3	-15.5	- 9.5	- 7.1	- 7.1	- 8.3	- 4.8	2.4	1.2	- 5.5	1
- 7.1	- 8.3	- 9.5	-15.5	- 9.5	- 7.1	- 6.0	- 4.8	- 2.4	2.4	1.2	- 5.3	1
- 7.1	- 8.3	- 7.1	- 9.5	- 4.8	2.4	3.6	9.5	13.1	11.9	10.7	- 3.2	1
-	- 4.8	-	1.2	1.2	3.6	4.8	-	-	-	11.9	15.0	1
- 7.1	- 7.1	- 4.8	-14.3	-11.9	- 8.3	- 6.0	- 7.1	- 1.2	3.6	- 3.6	- 4.3	2
- 7.1	- 9.5	-11.9	-13.1	- 9.5	-16.7	- 9.5	- 9.5	- 8.3	1.2	- 2.4	- 7.1	2
- 6.0	- 7.1	- 4.8	- 4.8	- 6.0	- 7.1	- 8.3	- 7.1	- 2.4	1.2	3.6	- 5.6	2
- 4.8	- 6.0	- 6.0	-14.3	- 7.1	- 7.1	- 8.3	- 7.1	- 3.6	2.4	1.2	- 5.6	2
- 7.1	- 8.3	- 4.8	- 6.0	- 7.1	- 6.0	- 8.3	- 4.8	- 6.0	- 4.8	- 4.8	- 6.5	1
- 6.0	- 9.5	- 2.4	- 1.2	- 1.2	- 2.4	- 6.0	- 3.6	1.2	4.8	3.6	- 3.3	1
- 7.1	- 7.1	- 3.6	- 8.3	- 7.1	- 8.3	- 8.3	- 7.1	- 3.6	- 1.2	- 1.2	- 4.6	0
- 7.1	- 6.0	- 9.5	- 8.3	- 8.3	- 7.1	-11.9	- 2.4	- 1.2	2.4	- 1.2	- 5.5	1
-11.9	- 7.1	- 8.3	- 9.5	-10.7	-14.3	-	-	-	-	-	- 7.2	2
- 2.4	- 8.3	- 6.0	- 4.8	- 2.4	2.4	3.6	2.4	- 1.2	- 1.2	- 1.2	- 2.1	0
1.2	- 2.4	- 1.2	- 4.8	- 3.6	- 6.0	- 6.0	- 6.0	- 3.6	1.2	1.2	- 3.6	0
- 7.1	- 8.3	-10.7	-10.7	- 6.0	- 6.0	- 4.8	- 6.0	- 3.6	2.4	1.2	- 5.4	0
- 6.0	- 8.3	- 6.0	- 8.3	- 7.1	- 7.1	- 8.3	- 7.1	- 1.2	2.4	1.2	- 5.1	0
- 9.5	- 7.1	- 6.0	-14.3	-10.7	- 8.3	- 6.0	- 9.5	- 3.6	- 1.2	1.2	- 6.0	1
- 4.8	- 7.1	-11.9	- 9.5	- 8.3	-10.7	- 9.5	- 7.1	- 4.8	1.2	- 1.2	- 3.9	1
-10.7	- 4.8	- 8.4	- 9.5	- 7.1	- 7.1	- 9.5	-11.9	- 9.5	1.2	- 1.2	- 5.1	1
- 8.3	- 8.3	- 4.8	- 8.3	- 7.1	- 7.1	- 6.0	- 6.0	-	-	-	- 4.8	1
- 7.1	- 6.0	- 3.6	- 4.8	- 7.1	- 7.1	- 7.1	- 9.5	- 2.4	1.2	1.2	- 6.0	1
- 6.0	-10.7	- 7.1	- 8.3	- 8.3	- 6.0	- 8.3	- 7.1	- 6.0	1.2	- 2.4	- 6.0	0
- 4.8	- 7.1	- 6.0	- 7.1	- 7.1	- 6.0	- 6.0	- 3.6	2.4	2.4	3.6	- 4.4	1
- 8.3	- 3.5	- 6.0	- 6.0	- 7.1	- 4.8	- 7.1	- 6.0	- 6.0	- 1.2	- 1.2	- 5.6	1
- 8.3	- 4.8	- 6.0	-10.7	- 8.3	- 8.3	- 8.3	- 2.4	- 1.2	1.2	- 1.2	- 5.1	1
- 6.6	- 6.6	- 6.7	- 8.4	- 7.0	- 6.5	- 6.3	- 5.1	- 2.6	1.9	1.1	- 4.4	
- 2.2	- 2.2	- 2.3	- 4.0	- 2.6	- 2.1	- 1.9	- 0.7	1.8	6.3	5.5		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	57.1	57.4	56.7	56.5	56.2	55.4	55.3	55.2	54.9	54.0	54.7	53.5	52.6	51.9	51.7
2	51.7	51.7	50.2	50.1	50.2	50.8	50.9	51.4	51.4	52.0	52.2	52.6	52.4	52.3	52.8
3	59.8	59.9	59.9	59.8	60.3	60.7	60.8	61.6	62.1	62.4	62.4	62.3	61.5	61.3	61.1
4	60.3	60.1	59.9	59.9	60.0	60.1	60.4	60.4	60.2	59.7	59.6	59.3	58.7	57.8	57.6
5	58.5	58.5	58.5	58.4	58.6	59.3	59.2	60.1	60.1	60.5	60.6	60.7	60.4	60.1	60.4
6	62.0	61.9	61.9	61.9	62.6	62.9	62.9	63.0	62.7	62.8	62.5	62.5	62.4	62.5	62.4
7	63.2	63.1	62.6	62.3	62.4	64.3	64.4	64.6	64.4	63.6	63.2	63.5	63.9	62.7	61.6
8	61.6	59.6	59.7	59.5	59.6	59.6	59.6	59.2	58.9	58.7	58.2	57.8	57.3	57.4	56.8
9	56.2	55.9	55.8	56.0	56.6	57.0	57.8	57.8	57.7	57.4	57.2	56.8	55.9	55.5	55.0
10	55.9	55.8	55.8	55.7	55.9	55.9	55.8	55.8	55.4	55.0	54.3	53.0	51.9	50.9	49.8
11	48.6	48.8	49.1	49.9	50.1	51.0	52.2	53.0	53.3	53.6	53.9	54.1	54.3	54.4	54.4
12	59.5	59.6	59.5	59.7	60.5	61.5	62.3	63.2	63.8	64.2	64.2	64.1	64.0	63.8	63.8
13	65.3	65.3	65.2	65.1	65.3	65.7	66.0	66.5	66.3	66.2	66.1	66.0	65.2	64.4	64.2
14	62.7	62.1	61.8	61.7	61.7	61.4	61.3	61.7	61.1	61.0	60.4	60.3	59.4	58.6	57.8
15	56.0	55.5	55.2	54.7	54.4	54.5	54.5	54.4	54.3	53.8	53.5	53.1	52.5	52.0	51.6
16	58.3	58.8	58.9	59.4	60.8	61.3	62.2	63.6	64.3	64.4	64.3	64.2	64.2	64.2	64.2
17	66.0	65.7	65.4	65.0	64.8	64.6	64.4	64.3	64.4	64.8	64.6	63.9	63.6	63.0	62.8
18	63.3	63.1	62.9	63.4	62.9	63.0	62.9	63.5	63.8	64.0	64.6	65.0	65.0	65.2	64.2
19	57.6	56.9	55.6	55.0	54.3	53.4	52.5	51.7	51.1	49.9	49.9	49.9	49.5	48.4	47.5
20	51.5	51.8	52.0	52.2	52.2	53.3	54.4	55.8	56.6	57.4	58.4	59.1	59.8	60.6	60.9
21	67.4	68.0	68.0	68.1	68.6	69.2	69.4	70.0	70.4	70.4	70.3	70.2	70.0	70.1	70.2
22	73.1	73.5	73.2	73.0	73.0	73.5	74.0	74.4	75.2	74.8	74.6	73.6	72.7	71.8	71.5
23	71.7	71.5	71.1	70.6	70.5	71.4	70.5	70.8	70.6	70.4	70.2	69.9	69.4	68.6	68.2
24	67.2	67.8	66.2	66.8	65.6	65.8	65.9	66.0	65.9	65.9	65.8	65.6	65.2	64.8	64.1
25	62.5	62.5	62.5	62.3	62.7	63.5	64.1	64.7	65.1	65.5	65.6	65.6	65.6	65.6	65.5
26	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.4	67.4	67.3	66.9	66.8	66.0	65.0	64.6
27	64.7	64.7	64.6	64.3	64.6	64.8	65.0	65.1	65.0	65.1	65.0	65.0	64.9	64.6	64.5
28	66.1	66.1	66.1	66.3	66.4	66.5	66.7	67.0	67.2	67.4	67.3	66.5	67.2	66.0	66.5
29	65.8	65.5	64.8	64.4	64.9	65.5	65.7	66.0	65.8	65.9	65.7	65.3	65.1	64.5	64.0
30	63.7	63.4	63.2	63.3	63.3	63.5	64.1	64.1	64.2	64.3	64.3	64.0	63.9	64.0	64.0
31															
Prom	61.5	61.4	61.1	61.1	61.2	61.6	61.7	62.1	62.1	62.1	62.0	61.8	61.5	61.1	60.8

TEMPERATURA DEL AIRE

a la sombra en grados C

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	12.7	12.8	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.3	14.1	14.5	14.8	15.2	15.2
2	16.5	16.3	15.7	15.3	15.0	14.8	14.0	13.6	13.5	13.8	14.2	14.4	14.9	16.0	16.5
3	8.1	7.3	7.0	7.5	6.7	6.0	6.4	9.3	13.2	15.1	17.7	18.9	19.7	19.8	19.7
4	10.0	10.3	10.5	10.6	10.6	10.1	10.2	12.4	14.1	14.8	17.1	18.4	19.4	19.2	19.0
5	9.7	9.0	9.1	9.3	9.5	9.5	9.7	11.2	12.8	14.8	16.5	16.8	17.7	18.6	18.2
6	6.8	6.0	5.6	6.1	5.4	4.5	4.6	7.7	11.1	15.5	16.3	17.2	17.2	16.8	16.5
7	10.0	9.6	9.3	9.3	10.2	10.5	10.6	11.9	11.8	11.9	13.0	12.9	12.8	12.6	12.6
8	11.0	11.1	11.4	11.6	12.1	12.4	12.5	12.6	12.7	13.0	13.2	13.4	13.4	13.5	13.4
9	12.5	12.1	11.4	10.6	9.0	8.5	7.7	8.6	10.4	12.2	13.6	14.6	15.4	15.5	15.3
10	8.1	7.3	6.8	6.6	6.4	6.6	7.0	10.2	12.7	15.1	17.7	18.5	19.2	19.6	20.6
11	16.3	15.1	13.5	11.9	10.5	9.6	9.1	10.2	10.1	11.7	13.7	14.6	14.6	15.0	15.5
12	6.3	6.0	5.2	3.3	3.7	3.9	3.7	7.9	11.4	13.7	15.2	15.6	16.0	16.6	16.4
13	4.0	4.1	3.8	3.6	2.7	2.7	5.0	9.3	13.1	15.8	16.9	17.9	18.2	18.0	18.0
14	10.0	8.9	9.1	9.3	9.4	9.5	9.7	12.4	14.7	16.4	18.4	19.3	20.9	21.8	22.4
15	15.5	15.3	15.4	15.5	15.6	16.0	16.4	18.8	21.8	22.7	23.3	25.8	26.1	26.6	27.1
16	16.5	14.6	13.0	12.0	11.5	10.5	10.1	9.4	9.5	11.0	11.9	12.7	13.6	13.9	13.1
17	7.3	7.5	7.6	7.8	7.9	8.0	8.2	8.6	9.6	10.9	11.8	13.0	13.1	14.2	13.9
18	10.8	10.5	10.3	10.1	9.8	9.9	10.3	10.6	10.7	12.3	13.3	13.8	14.2	14.1	13.9
19	13.3	13.2	13.3	13.3	13.4	13.5	13.6	13.6	13.8	14.0	14.2	14.3	14.9	16.0	16.7
20	10.4	10.2	10.1	9.9	9.7	9.2	9.2	9.3	9.4	9.9	10.2	10.3	11.2	11.4	11.9
21	3.2	2.5	2.2	1.4	0.8	0.6	1.0	3.8	5.7	7.1	8.1	8.4	9.0	9.2	9.2
22	2.6	2.2	1.3	0.6	0.3	0.4	0.8	4.4	6.2	8.1	9.1	10.0	10.3	11.0	11.1
23	7.3	7.0	6.8	6.9	7.1	7.1	7.4	7.6	8.1	10.9	11.9	12.8	12.3	12.9	12.6
24	10.7	10.7	9.2	9.0	8.4	8.2	8.1	8.1	7.9	7.6	7.5	7.3	8.1	7.7	7.1
25	5.2	5.7	6.2	6.3	6.4	6.5	6.5	7.2	7.7	9.0	10.7	11.7	12.2	12.6	12.8
26	4.4	3.9	3.1	2.5	2.4	1.7	2.7	6.8	7.2	10.7	12.7	14.1	14.7	16.0	16.0
27	9.4	9.6	9.7	9.7	9.4	9.4	9.8	11.2	13.0	14.5	15.6	16.3	16.8	16.4	16.2
28	10.2	10.0	8.6	8.1	8.1	8.4	9.5	12.4	14.2	16.2	17.3	18.2	18.6	18.8	18.6
29	11.0	11.3	11.3	11.3	11.3	11.5	12.0	13.7	14.9	16.1	16.7	16.8	16.8	17.2	17.2
30	8.9	8.7	8.3	7.6	7.6	6.7	9.3	14.1	16.0	16.5	16.7	17.4	17.4	17.2	17.0
31															
Prom	9.6	9.3	8.9	8.7	8.5	8.3	8.6	10.3	11.7	13.2	14.3	15.0	15.4	15.8	15.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
51.4	51.6	52.1	51.9	52.3	52.4	52.0	52.6	52.2	57.7	1-2	51.4	16	6.3	753.8 mm.	1005.0 mb.
53.9	54.8	55.4	56.3	56.8	57.8	58.7	59.0	59.4	59.4	24	49.8	3-4	9.6	53.5	1004.6
60.7	60.7	60.8	61.4	61.5	61.2	60.9	60.7	60.7	62.4	10,11	59.4	0	3.0	61.0	1014.6
57.1	57.5	57.6	58.2	58.4	58.5	58.5	58.4	58.4	60.7	0	57.1	16	3.6	59.0	1012.0
60.6	61.0	60.9	61.0	61.4	61.9	61.9	61.9	62.0	62.0	24	58.4	0,4	3.6	60.3	1013.7
62.7	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.3	20-21	61.9	2,3,4	1.4	62.7	1016.9
60.7	61.4	61.8	61.6	61.7	62.2	62.7	62.4	62.2	64.6	9	60.7	16	3.9	62.8	1017.0
55.3	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.2	62.2	0	51.9	15-16	10.3	57.8	1010.4
55.0	55.1	55.6	56.1	56.2	56.1	56.0	55.9	55.9	57.8	8	55.0	15,16	2.8	56.3	1008.4
49.2	48.6	47.6	46.9	46.6	46.5	47.6	47.7	47.8	55.9	0,1,5,6	46.5	21	9.4	51.9	1002.5
55.0	55.3	56.0	57.0	57.7	58.0	58.7	58.8	58.9	58.9	24	47.8	0	11.1	54.0	1005.3
63.8	63.9	64.1	64.2	65.0	65.1	65.2	65.4	65.3	65.4	23	58.9	0	6.5	63.2	1017.6
64.0	63.6	63.3	63.5	63.5	63.2	63.4	63.1	63.0	66.5	8	63.8	24	2.7	64.7	1019.4
57.4	57.3	57.1	57.0	57.0	56.7	56.6	56.3	56.3	63.0	0	56.3	23,24	6.7	59.4	1012.5
51.7	52.0	52.7	53.8	54.5	55.2	55.9	56.7	57.5	57.5	24	51.6	15	5.9	54.2	1005.6
64.4	64.7	65.1	65.2	65.8	66.0	66.1	66.1	66.1	66.1	22,23,24	57.5	0	8.6	63.4	1017.8
62.3	62.3	62.5	63.2	63.8	63.8	63.8	63.8	63.5	66.1	0	62.3	16,17	3.8	64.0	1018.6
63.3	62.6	61.5	60.8	60.0	59.6	59.3	58.9	58.5	65.2	14	58.5	24	6.7	62.6	1016.8
47.7	38.1	48.7	49.1	49.8	50.7	50.7	50.8	51.2	58.5	0	47.4	14-15	11.1	51.2	1001.6
61.4	62.3	62.8	63.5	64.4	65.4	66.5	67.1	67.3	67.3	24	51.2	0	16.1	59.0	1012.0
70.4	70.6	71.5	71.9	72.2	72.7	72.7	72.9	73.0	73.0	24	67.3	0	5.7	70.3	1027.0
71.4	71.5	71.8	71.9	72.0	72.0	72.2	72.1	71.9	75.2	9	71.4	16	3.8	72.9	1030.5
67.9	67.8	67.9	67.8	67.7	67.7	67.7	67.4	67.4	71.9	0	67.4	23,24	4.5	69.4	1025.8
64.0	63.9	63.9	63.6	63.6	63.4	63.3	62.9	62.7	67.8	2	62.7	24	5.1	65.0	1020.0
65.9	66.2	66.5	66.7	66.8	66.9	66.8	66.8	66.9	66.9	21,24	62.1	2-3	4.8	65.1	1020.1
64.3	64.3	64.2	64.2	64.6	65.0	64.9	65.0	64.9	67.4	8-9	64.2	18,19	3.2	65.8	1021.0
64.7	64.6	65.1	65.3	65.8	66.2	66.2	66.1	66.1	66.2	21,22	64.3	4	1.9	65.1	1020.1
66.1	65.9	65.8	65.7	65.8	65.9	65.9	65.7	65.7	67.4	10	65.7	19	1.7	66.3	1021.7
63.8	63.7	63.8	63.9	64.0	63.9	63.9	63.8	63.7	66.0	8	63.7	17,24	2.3	64.7	1019.6
64.0	64.1	64.2	64.4	64.5	64.4	64.6	64.7	64.9	64.9	24	63.2	3	1.7	64.0	1018.6
60.7	60.8	61.0	61.2	61.4	61.6	61.8	61.8	61.8	64.2		58.6		5.6	61.5	1015.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.1	15.1	15.1	16.0	16.0	16.3	16.8	16.8	16.7	16.8	22,23	12.7	0,1	4.1	14.5
16.7	16.0	13.7	12.4	10.6	10.5	10.6	10.2	9.0	17.2	15-16	9.0	24	8.2	13.9
19.1	17.6	14.5	11.8	9.4	8.7	9.0	9.2	9.9	19.8	14	6.0	6	13.8	12.2
18.8	18.2	16.4	14.4	13.3	12.8	12.2	11.2	10.5	19.7	12-13	10.0	6-7	9.7	13.9
17.6	16.9	14.3	12.2	10.2	9.2	8.6	8.3	7.7	18.6	14	7.7	24	10.9	12.4
16.3	15.4	13.3	12.4	11.8	10.9	10.0	9.6	9.7	17.3	13-14	4.3	6-7	13.0	11.1
11.7	11.6	10.8	10.5	10.5	10.6	10.7	10.8	10.9	13.2	11-12	9.3	2,3	3.9	11.1
13.4	13.3	13.2	13.2	13.3	13.3	13.2	13.2	12.8	13.5	14	10.9	0	2.6	12.8
15.2	14.1	13.7	12.7	12.3	11.5	9.7	8.8	8.9	15.6	13-14	7.0	7	8.6	11.8
20.5	19.4	17.6	17.1	17.0	17.2	17.1	17.2	16.7	20.6	15	6.4	5	14.2	14.2
15.3	14.4	13.0	10.2	8.8	8.5	8.2	7.5	6.5	16.7	0	6.5	24	10.2	11.8
16.3	15.3	12.9	9.5	7.4	6.2	5.5	4.7	4.4	16.6	14	3.3	4	13.3	9.5
17.8	16.4	14.6	12.5	11.8	11.5	10.6	9.7	9.9	18.4	12-13	2.7	5,6	15.7	11.2
21.4	20.0	18.0	17.2	16.6	16.7	15.9	15.4	15.4	22.6	14-15	8.7	2-3	13.9	15.4
27.1	26.3	23.9	22.4	21.8	21.6	19.7	19.4	18.2	27.1	15,16	15.3	2	11.8	20.9
12.3	11.1	10.0	8.7	7.5	7.2	7.2	7.2	7.3	18.2	0	7.2	21,22,23	11.0	10.9
13.6	13.3	12.8	12.3	11.8	11.3	11.3	11.3	11.1	14.2	14	7.3	0,1	6.9	10.8
13.4	13.2	12.9	12.8	12.7	12.9	13.2	13.2	13.3	14.2	13	9.8	5	4.4	12.2
16.5	16.3	15.1	14.1	13.4	12.7	12.4	11.9	11.2	16.7	15	11.2	24	5.5	14.0
11.9	10.4	9.9	8.7	7.6	5.9	5.0	4.0	3.8	11.9	15,16	3.5	24	8.4	9.1
8.9	8.3	7.5	6.8	5.6	5.3	4.6	4.0	3.4	9.3	13-14	0.6	6	8.7	5.3
10.8	9.6	8.7	8.1	7.2	7.2	7.2	7.2	7.3	11.1	15	0.3	5	10.8	6.3
12.0	11.6	11.0	10.8	10.6	10.6	10.7	10.7	10.7	12.9	14	6.8	3	6.1	9.9
6.6	6.2	5.7	5.6	5.3	5.2	5.1	5.0	5.1	10.7	0,1,2	5.0	23	5.7	9.3
12.5	11.7	10.9	9.3	8.0	7.1	6.4	5.6	4.8	12.8	15	4.8	24	8.0	8.4
15.7	14.6	12.4	10.8	10.4	10.4	10.5	9.7	9.3	16.0	14,15	1.7	6	14.3	7.3
15.8	15.0	13.3	12.0	11.4	9.8	8.8	9.1	10,1	16.8	13	8.4	22	8.4	12.2
18.0	16.9	15.5	14.7	13.1	12.4	11.8	11.6	10.6	18.8	14	8.1	4,5	10.7	13.4
17.0	15.9	14.4	12.3	10.9	10.3	9.4	9.1	9.0	17.2	14,15	9.0	24	8.2	13.2
16.8	16.4	14.2	12.7	11.8	11.5	11.4	11.4	11.0	17.4	12,13	6.7	6	10.7	12.8
15.5	14.7	13.3	12.1	11.3	10.8	10.4	10.1	9.8	16.4		7.0		9.4	11.7

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	85	86	87	85	96	98	98	98	98	98	98	96	96	96	96
2	93	95	97	98	97	97	98	98	93	91	88	82	78	73	70
3	88	87	85	68	78	80	76	66	57	55	48	40	32	36	38
4	86	87	89	85	85	84	80	72	66	64	56	51	44	50	53
5	98	98	98	98	98	98	97	90	85	73	62	56	59	52	54
6	96	97	100	100	100	99	99	96	87	74	63	51	45	48	51
7	68	76	88	98	81	80	80	80	80	78	69	70	75	83	83
8	92	91	87	83	82	82	86	86	84	81	82	82	85	93	95
9	95	93	93	89	92	92	91	81	77	73	65	63	58	56	57
10	82	85	86	85	86	82	78	67	60	56	49	51	48	51	51
11	63	55	50	50	50	52	56	52	55	53	49	49	50	48	45
12	88	87	89	93	85	81	85	75	58	46	37	35	38	38	39
13	97	98	98	97	98	98	98	84	68	54	49	41	41	44	45
14	85	90	87	93	94	95	80	72	66	60	53	49	43	41	42
15	83	86	82	81	81	80	82	73	69	69	73	61	61	64	61
16	77	84	92	90	90	88	82	78	72	70	67	66	64	57	55
17	83	86	90	93	91	89	88	86	81	79	76	72	72	67	64
18	96	98	93	92	98	97	95	93	93	89	83	80	78	80	82
19	88	91	94	94	94	94	96	95	94	96	97	97	97	89	86
20	92	91	88	86	97	96	92	89	82	74	71	70	65	67	65
21	93	95	97	100	100	100	99	87	75	67	60	54	50	48	47
22	92	93	96	100	100	100	98	90	77	66	58	54	49	44	46
23	91	94	98	99	98	97	97	97	96	79	76	74	82	76	76
24	93	94	96	97	97	97	97	94	92	96	88	80	74	83	83
25	99	97	95	95	94	90	90	83	77	75	70	66	64	59	57
26	100	100	100	100	100	100	100	85	97	79	70	64	63	59	58
27	94	91	82	84	86	87	84	75	66	59	51	48	47	53	54
28	85	88	95	98	99	92	91	81	69	61	58	55	51	47	48
29	94	85	85	82	80	79	77	69	67	61	57	53	54	50	51
30	100	100	100	100	100	100	100	74	59	56	53	51	51	52	51
31															
Prom.	89	90	91	90	91	90	89	82	77	71	66	62	60	60	60

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	9.5	9.5	9.0	10.5	11.0	11.0	11.0	11.0	11.0	11.5	12.0	12.0	12.3	12.5
2	12.5	12.5	12.5	12.5	12.0	12.0	11.5	11.3	10.5	10.5	10.5	10.0	9.5	9.9	9.5
3	7.0	6.6	6.2	5.2	5.6	5.4	5.4	5.9	6.4	6.6	7.2	6.0	5.6	6.2	6.4
4	7.8	8.0	8.0	7.8	7.8	7.6	7.2	7.7	8.0	7.8	8.0	8.0	7.0	8.2	8.5
5	8.5	8.0	8.0	8.5	8.5	8.5	8.5	8.9	9.0	9.0	8.5	8.0	8.5	8.3	8.0
6	7.2	6.8	6.6	6.8	6.4	6.0	6.0	7.5	8.5	9.5	8.5	7.6	6.2	6.8	7.2
7	6.2	6.8	7.6	8.5	7.6	7.2	7.2	8.4	7.8	8.0	7.6	7.4	7.8	9.1	9.0
8	9.0	9.0	8.5	8.0	8.5	8.5	9.0	9.3	9.5	9.0	9.0	9.0	9.0	10.7	10.5
9	9.0	9.0	9.0	8.5	9.5	9.5	10.0	6.8	8.5	8.0	7.0	7.0	6.6	7.4	6.6
10	6.6	6.2	6.4	6.0	6.2	6.0	5.8	6.2	6.2	7.4	7.2	8.0	7.8	8.8	9.5
11	8.5	6.6	5.4	4.8	4.4	4.6	5.0	4.9	4.8	5.2	5.4	5.8	5.8	6.2	5.6
12	6.2	6.0	5.8	5.2	4.8	4.8	4.8	6.0	5.6	5.6	4.8	4.8	5.0	5.4	5.2
13	5.8	6.0	5.8	5.6	8.5	5.4	6.2	7.3	7.6	7.0	6.8	6.4	6.6	6.8	6.6
14	7.6	7.4	7.4	8.0	8.0	8.0	7.0	7.7	8.0	7.8	8.0	7.8	7.8	8.0	8.5
15	11.0	10.5	10.5	10.5	10.5	10.5	11.0	11.5	13.0	13.5	15.0	15.0	15.5	16.5	16.5
16	10.5	10.0	10.0	9.0	8.5	8.0	7.6	6.7	6.4	6.6	7.0	7.4	7.2	6.7	5.8
17	6.2	6.6	6.8	7.2	7.2	7.0	7.0	7.2	7.2	7.4	7.8	8.0	8.0	8.1	7.4
18	9.0	9.0	8.5	8.5	8.5	8.5	8.5	8.8	8.5	9.0	9.0	9.0	9.0	9.6	9.5
19	10.0	10.5	10.5	10.5	10.5	10.5	11.0	11.1	10.5	11.5	11.5	11.5	12.0	12.1	12.0
20	8.5	8.5	8.0	7.8	8.5	8.0	8.0	7.8	7.2	6.6	6.6	6.2	6.2	6.7	6.4
21	5.6	5.0	5.0	4.8	4.6	4.8	4.8	5.2	4.8	5.0	4.6	4.2	4.0	4.2	4.0
22	5.0	4.8	4.8	4.6	4.4	4.4	4.6	5.6	5.4	5.4	5.0	4.8	4.4	4.4	4.6
23	7.0	6.8	7.2	7.2	7.2	7.2	7.4	7.6	7.4	7.8	7.8	7.8	8.5	8.4	8.0
24	9.0	8.5	8.5	8.5	8.0	7.8	7.8	7.6	7.2	7.2	7.2	7.4	6.8	6.5	6.0
25	6.4	6.6	6.4	6.4	6.6	6.2	6.2	6.3	6.0	6.2	6.4	6.8	6.6	6.4	6.2
26	6.0	5.8	5.6	5.2	5.2	5.0	5.4	6.3	7.2	7.4	7.4	7.4	7.8	8.0	7.8
27	8.0	8.0	7.4	7.2	7.6	7.6	7.4	7.5	7.4	7.0	6.8	6.6	6.6	7.3	7.2
28	7.6	7.8	7.6	7.8	7.8	7.6	8.0	8.7	8.0	8.5	8.5	8.0	8.0	7.6	7.6
29	9.0	8.0	8.0	8.0	7.6	7.8	8.0	8.0	8.0	8.5	8.0	7.4	7.4	7.3	7.6
30	8.0	8.0	7.8	7.6	7.6	7.0	8.5	8.8	7.8	8.0	7.4	7.8	7.8	7.6	7.6
31															
Prom.	7.9	7.7	7.6	7.5	7.6	7.4	7.5	7.8	7.8	7.9	7.9	7.8	7.7	8.0	7.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
97	97	97	96	96	94	89	88	88	98	6-11	84	0	14	94
64	68	78	81	87	88	81	84	86	98	4,7,8	59	15-16	39	86
41	50	68	83	91	77	78	87	86	92	20-21	32	13	60	66
55	58	67	75	84	86	90	95	97	97	24	43	12-13	54	73
57	60	71	83	89	96	97	97	96	98	1-6	49	13-14	49	82
53	57	64	69	69	74	70	64	64	100	3,4,5	45	13	55	74
86	89	96	97	97	97	98	96	95	98	4,22	64	0	34	85
95	91	95	97	98	98	98	98	97	98	20-23	82	5,6	16	90
60	64	71	74	74	82	87	89	83	97	0	56	14	41	77
51	67	65	71	72	70	73	70	73	86	3,5	47	12-13	39	67
44	47	58	72	81	86	87	91	92	92	24	43	15-16	49	60
39	44	57	73	83	89	92	95	96	96	24	34	10-11	62	68
47	52	61	67	68	70	73	81	80	99	6-7	40	12-13	59	71
46	49	63	64	70	72	76	86	84	90	2	36	14-15	54	69
64	66	84	85	84	85	83	70	74	90	18-19	60	12-13	30	75
55	57	61	70	75	76	78	81	82	92	3	52	15-16	40	74
66	68	71	76	78	82	84	84	86	93	4	63	15-16	30	80
85	93	99	98	95	93	89	88	89	99	18	78	13	21	91
86	85	86	89	91	94	90	88	92	97	11-13	83	17-18	14	91
54	84	86	83	80	80	84	85	87	97	5	60	15-16	37	82
49	50	56	59	66	72	77	82	89	100	4-6	44	14-15	56	74
46	60	67	74	83	84	88	88	89	100	4-6	42	14-15	58	77
80	81	90	87	87	88	87	88	89	99	4	73	11-12	26	88
89	92	92	91	91	96	96	97	98	98	24	74	13	24	92
58	62	68	77	83	89	93	97	100	99	1	56	15-16	43	83
61	69	81	89	90	89	84	90	95	100	0-7	58	15	42	84
58	59	69	81	83	95	100	94	82	100	22	47	13	53	74
55	58	64	68	79	80	83	87	94	99	5	45	13-14	54	74
53	57	64	71	81	85	93	99	99	99	22,23	49	13-14	50	73
48	49	64	72	76	80	81	85	88	100	1-7	46	16-17	54	74
62	66	74	79	82	85	86	87	89	97		55		42	78

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.5	12.5	12.5	13.0	12.9	12.5	12.0	12.0	12.0	13.0	19	9.0	1,4	4.0	11.4
8.5	9.0	9.0	8.5	8.3	8.0	7.8	7.6	7.4	12.5	1-4	7.4	24	5.1	10.0
7.0	7.0	8.0	8.0	8.0	6.4	6.6	7.6	7.8	8.0	18-20	5.2	4	2.8	6.6
8.5	9.0	9.0	8.5	9.7	9.5	9.0	9.0	9.0	9.7	20	7.2	7	2.5	8.3
8.5	8.0	8.5	8.5	8.3	8.0	8.0	7.8	7.6	9.0	9,10	7.6	24	1.4	8.3
7.2	7.4	7.0	7.2	7.2	7.0	6.2	5.6	5.6	9.5	10	6.0	6,7	3.5	7.0
9.0	8.5	9.0	9.0	9.2	9.0	9.0	9.0	8.5	9.2	20	6.2	1	3.0	8.2
10.5	10.5	10.5	11.0	11.1	11.0	11.0	11.0	10.5	11.1	20	8.0	4	3.1	9.7
6.6	7.0	8.0	8.0	7.9	9.0	9.5	9.5	9.0	10.0	7	6.6	13,15,16	3.4	8.2
9.5	9.5	9.0	10.5	10.4	9.5	10.5	9.5	10.0	10.5	19,22	6.0	4,6	4.5	8.0
5.4	5.8	6.4	6.6	6.8	7.2	7.0	7.2	6.6	8.5	1	4.4	5	4.1	5.9
5.2	5.4	6.2	6.8	6.4	6.2	6.2	5.8	6.0	6.8	19	4.8	5-7,11,12	2.0	5.6
7.2	7.2	7.6	7.2	7.0	6.8	6.8	7.4	7.8	8.5	5	5.4	6	3.1	6.8
9.0	8.0	9.5	9.0	9.8	10.0	10.0	11.0	10.5	11.0	23	7.0	7	4.0	8.5
16.5	17.0	18.0	16.5	16.3	15.5	14.0	11.0	11.0	18.0	18	10.5	2-6	7.5	13.2
5.6	5.6	5.6	5.6	5.8	5.8	5.8	6.2	6.2	10.5	1	5.6	16-19	4.9	7.1
7.8	7.6	7.8	8.0	8.1	8.0	8.0	8.0	8.5	8.5	24	6.2	1	2.3	7.5
9.0	10.5	10.5	10.5	10.4	10.0	9.5	9.5	9.5	10.5	17-19	8.5	3-7,9	2.0	9.3
12.0	11.0	11.0	10.5	10.4	10.0	9.0	9.0	9.0	12.0	13,15,16	9.0	22-24	3.0	10.7
6.4	7.8	7.8	6.8	6.3	5.4	5.4	5.0	5.2	8.5	1,2,5	5.0	23	3.5	7.0
4.0	3.8	4.4	4.2	4.5	4.8	4.8	5.0	5.0	5.6	1	3.8	17	1.8	4.6
4.6	5.0	5.6	5.8	6.3	6.2	6.6	6.6	6.6	6.6	22-24	4.4	5,6,13,14	2.2	5.2
8.0	8.0	8.5	8.0	8.3	6.6	6.6	6.6	6.6	8.5	13	6.6	21-24	1.9	7.5
6.6	6.2	6.4	6.4	6.0	6.4	6.4	6.4	6.4	9.0	1	6.0	15	3.0	7.1
6.2	6.4	6.4	6.6	6.7	6.6	6.6	6.6	6.6	6.8	12	6.6	9	0.8	6.4
8.0	8.0	8.5	8.0	8.4	8.0	7.8	7.8	8.0	8.5	18	5.0	6	3.5	7.1
7.6	7.2	7.6	8.5	8.3	8.5	8.0	7.8	7.6	8.5	21	6.6	12,13	1.9	7.5
8.0	8.0	8.0	8.0	8.9	8.0	8.5	8.5	8.5	8.9	20	7.6	varios	1.3	8.1
7.6	7.6	7.6	7.6	7.9	7.6	8.0	8.0	8.0	9.0	1	7.4	12,13	1.6	7.8
6.8	6.6	7.4	7.8	7.8	7.8	8.0	8.0	8.5	8.8	8	6.8	16.	2.0	7.5
8.0	8.0	8.4	8.4	8.4	8.1	8.1	8.0	8.0	9.5		6.5		3.0	7.9

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
DÍAS	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	E	22	E	16	E	14	E	10	E	8	E	6	SE	7	SE	10	SE	11	SE	13	E	13	E	8	E	6	E	7	SE	4
2	W	5	W	5	S	6	S	8	S	6	S	4	SW	10	SW	8	SW	11	SW	19	SW	19	SW	16	SW	16	SW	16	SW	12
3	W	6	W	8	W	6	W	6	W	6	W	7	W	6	W	5	W	7	NW	9	NW	10	NW	13	W	11	W	11	W	10
4	NE	9	E	8	E	6	E	8	E	5	E	8	E	11	E	13	NE	20	NE	16	NE	20	NE	18	NE	22	NE	20	NE	17
5	S	2	Calma	1	SW	4	S	5	S	4	S	6	S	3	S	6	S	9	S	8	S	8	S	9	S	8	S	10	S	9
6	SE	2	SE	2	Calma	0	Calma	1	Calma	1	Calma	1	Calma	1	S	5	SE	4	SE	3	E	11	NE	14	NE	12	NE	9	E	3
7	SE	7	SE	6	SE	6	E	7	E	13	E	9	E	11	E	10	E	11	E	18	E	20	E	21	E	13	SE	9	SE	9
8	E	13	E	25	E	20	E	22	E	18	E	20	E	16	E	19	E	21	E	19	E	23	E	18	E	16	E	9	E	11
9	W	12	SW	9	W	9	W	12	W	12	W	13	NW	3	NW	16	NW	24	NW	22	NW	18	NW	20	NW	28	NW	26	NW	26
10	W	14	NW	16	NW	18	NW	16	NW	16	NW	14	NW	12	NW	12	NW	15	NW	15	NW	23	NW	26	NW	26	NW	22	NW	22
11	S	14	S	13	SW			12	SW	13	SW	15	W	12	SW	14	W	13	W	14	SW	18	W	17	W	18	W	21	SW	16
12	W	7	W	6	W	5	W	4	W	7	W	7	W	7	W	8	W	11	SW	12	SW	14	SW	13	SW	11	SW	13	SW	12
13	NW	2	NW	2	NW	3	NW	2	Calma	1	Calma	0	N	4	N	5	N	9	N	13	NW	13	NW	20	NW	18	N	16	NW	15
14	N	10	N	8	N	9	N	9	N	9	NE	9	NE	9	NE	10	N	17	N	17	NW	17	N	15	NW	15	NW	15	N	12
15	NE	9	NE	4	NE	7	NE	5	NE	6	NE	6	NE	6	NE	6	NE	9	N	12	N	11	NW	13	NW	18	NW	18	NW	16
16	S	16	S	18	S	15	S	19	S	20	S	20	SE	20	SE	22	SE	23	SE	16	SE	17	SE	16	SE	18	SE	22	SE	20
17	SE	11	SE	11	SE	10	SE	10	SE	9	SE	11	SE	12	SE	12	SE	13	SE	10	SE	11	SE	12	SE	11	SE	14	SE	16
18	SE	7	SE	6	SE	7	SE	10	SE	10	SE	12	SE	9	SE	10	SE	11	SE	11	E	14	E	15	SE	18	E	13	E	13
19	E	15	NE	15	NE	15	E	14	NE	13	E	15	NE	21	NE	20	NE	18	NE	17	N	13	SW	6	S	4	S	3	Calma	1
20	SW	16	SW	12	SW	12	SW	16	SW	15	S	13	S	9	S	8	S	12	S	9	S	10	S	11	S	10	S	13	S	10
21	S	5	S	6	S	6	S	4	S	3	S	3	S	3	S	7	S	10	S	11	S	11	S	11	S	11	S	8	S	10
22	S	7	S	5	S	2	S	3	S	4	S	6	S	5	S	6	S	10	S	10	S	9	S	9	S	8	S	8	S	7
23	S	7	S	7	S	6	S	5	S	6	S	5	S	6	S	6	SE	7	SE	7	E	17	NE	18	NE	9	E	12	E	16
24	NE	7	N	7	W	5	SW	4	SW	4	SW	6	SW	4	SW	6	SW	5	W	8	W	12	W	12	W	14	W	15	W	14
25	SW	2	S	7	S	15	S	13	S	14	S	16	S	14	S	10	S	18	S	14	S	16	S	14	S	14	S	13	S	12
26	SE	3	SE	2	Calma	1	Calma	0	Calma	1	Calma	1	E	4	E	3	NE	12	NE	9	NE	8	NE	10	NE	10	NE	12	NE	12
27	NE	10	NE	9	N	14	N	11	N	13	N	13	NE	16	NE	18	E	21	E	20	E	19	E	18	E	15	E	18	E	18
28	N	9	N	5	NE	2	NE	2	NE	5	NE	7	NE	8	NE	13	N	17	N	15	N	13	NE	12	NE	12	NE	11	NE	15
29	SE	7	E	5	NE	7	NE	9	NE	7	E	3	Calma	1	SE	5	SE	9	E	10	E	11	E	12	E	12	E	13	NE	13
30	SE	3	SE	4	SE	3	SE	4	SE	4	SE	3	SE	3	E	5	E	11	E	10	E	7	E	11	NE	14	NE	15	NE	13
31																														
DIRECCION PREVALENTE	SE		SE S		S		S		S		S		S		S		SE		SE		E		E		NE S		E S		NE E	
NUMERO DE HORAS	7		6		6		7		7		8		6		7		7		6		9		7		6		6		5	
PROM. HOR. DE LA VELOCIDAD		11		10		10		10		10		11		10		12		16		16		18		18		17		17		16

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	3	S	2	E	7	E	4	E	5	NE	9	N	7	N	10	E	14	8	45	E	0.12
SW	13	W	7	W	5	W	6	W	7	W	8	W	9	W	7	SW	11	10	51	S	11.06
NW	9	Calma	1	Calma	0	Calma	1	NE	7	NE	7	E	6	E	8	W	12	7	29	NW	11.34
NE	10	E	4	E	4	SE	4	SE	3	SE	5	SE	3	SE	2	NE	10	10	40	NE	11.11
S	3	S	2	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	S	16	4	26	S	10.48
SE	4	SE	2	SE	4	SE	5	SE	4	SE	5	SE	6	SE	5	SE	12	5	25	NE	11.21
SE	11	SE	7	SE	9	SE	9	SE	7	SE	5	E	14	E	15	SE E	12	11	46	E	11.31
E	11	E	7	E	3	NE	5	NE	2	N	5	NW	8	W	10	E	19	14	60	NE	15.31
W	22	NW	18	W	16	W	14	NW	14	NW	20	NW	17	NW	14	NW	15	17	54	NW	14.11
N	18	N	24	N	20	N	27	N	25	NW	14	W	8	W	11	NW	16	18	50	NW	12.26
SW	14	SW	10	W	9	NW	8	NW	9	NW	11	NW	11	W	6	SW	10	13	47	W	10.29
SW	7	W	3	W	2	Calma	1	NW	2	Calma	0	Calma	1	NW	3	W	11	7	39	W	12.42
N	15	N	11	N	9	NE	11	N	14	N	9	NE	8	N	10	N	12	9	37	NW	11.24
NE	15	NE	10	NE	15	NE	13	NE	11	NE	10	NE	9	NE	8	NE	12	12	35	N	9.13
NW	7	Calma	1	S	2	S	3	S	5	S	11	S	11	S	12	NE	9	9	34	NW	12.40
SE	19	SE	15	SE	14	SE	16	SE	13	SE	11	SE	11	SE	11	SE	18	17	50	SE	7.33
SE	14	SE	13	SE	12	SE	10	SE	10	SE	11	SE	8	SE	7	SE	24	11	38	E	10.01
E	10	SE	12	SE	11	E	10	E	9	E	11	E	11	E	13	SE	13	11	40	E	9.58
W	7	W	12	SW	12	SW	10	SW	9	SW	12	SW	13	SW	14	NE SW	7	12	40	E	6.29
S	16	S	8	S	10	S	17	S	11	S	7	S	5	S	6	S	19	11	45	S	0.22
S	8	S	6	S	4	S	4	S	6	S	8	S	8	S	7	S	24	7	37	S	10.25
S	8	S	7	S	7	S	7	S	7	S	7	S	6	S	6	S	24	7	27	S	9.39
E	15	E	9	E	6	E	8	E	8	E	10	E	11	NE	8	E	11	9	32	NE	10.01
W	13	W	7	W	7	W	7	W	7	SW	6	W	6	W	5	W	15	8	34	W	14.57
S	10	S	5	S	4	S	3	SE	3	SE	5	SE	3	SE	4	S	19	10	51	S	9.04
NE	17	NE	13	NE	10	NE	8	NE	9	NE	12	NE	8	NE	9	NE	16	8	25	NE	11.20
E	11	E	7	E	6	E	6	E	3	NE	6	NE	11	NE	11	E	13	13	34	NE	11.36
E	14	E	9	E	9	E	9	E	6	E	3	E	5	SE	4	NE	11	9	28	E	15.47
E	9	E	9	E	6	SE	3	SE	5	SE	2	SE	4	SE	4	E	10	7	28	NE	1.59
SE	6	E	8	E	6	E	7	E	7	E	7	E	7	E	6	E	13	7	28	NE	13.41
E		E		E		E SE		SE		SE		E SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																Dirección	Horas		36 Km.		
7		7		8		6		7		7		6		7		S	132	10	DIRECCIÓN	DÍA	HORA
16	14		10		10		10		10		10		10		10				NW	9	de 12.45 a 12.45

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILOMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	2	17	1	9	14	129	5	45	1	2							1	202
2									4	24	11	154	9	59				237
3			2	14	2	14							12	89	5	50	3	169
4			10	170	9	67	5	17										254
5									16	98	1	4					7	104
6			3	35	3	23	12	46	1	5							5	113
7					12	162	12	97										259
8	1	5	2	7	19	312							1	10	1	8		342
9											1	9	8	110	15	292		411
10	5	114											3	33	16	293		440
11									2	27	10	140	8	110	4	39		316
12											8	95	11	67	2	5	3	169
13	12	132	2	19											8	75	2	227
14	9	106	12	131											3	47		284
15	2	23	9	58					6	44					6	83	1	209
16							18	302	6	108								410
17							24	272										272
18					11	133	13	134										267
19	1	13	7	119	3	44			5	31	7	76					1	284
20									19	203	5	71						274
21									24	170								170
22									24	161								161
23			3	35	11	124	2	14	8	48								221
24	1	7	1	7							7	35	15	145				194
25							4	15	19	224	1	2						241
26			16	170	2	7	2	5									4	185
27	4	51	7	81	13	175												307
28	5	59	11	101	7	55	1	4										219
29			5	47	10	90	8	39									1	177
30			3	42	13	104	8	30										176
31																		
SUMAS	42	527	94	1045	129	1439	114	1020	135	1145	51	586	67	623	60	892	28	7294
% PREVAL POR VELOCIDAD	7.2		14.3		19.7		14.0		15.7		8.0		8.5		12.2		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		11		11		9		8		11		9		15		1	302

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	4	3	7	6	2	5	1	0
1 - 2	3	3	4	6	6	2	3	2	1
2 - 3	2	4	3	4	6	3	4	2	2
3 - 4	2	3	5	3	7	3	3	2	2
4 - 5	2	4	4	3	7	3	3	1	3
5 - 6	1	3	6	3	8	2	3	1	3
6 - 7	1	5	4	5	6	2	3	2	2
7 - 8	1	5	5	5	7	3	2	2	0
8 - 9	3	4	4	7	5	2	3	2	0
9 - 10	4	3	5	6	5	2	2	3	0
10 - 11	3	2	9	2	5	3	1	5	0
11 - 12	1	5	7	2	5	3	2	5	0
12 - 13	0	6	5	3	6	2	3	5	0
13 - 14	1	5	6	3	6	2	3	4	0
14 - 15	1	5	5	4	5	3	2	4	1
15 - 16	1	5	6	3	5	3	2	4	1
16 - 17	2	3	7	5	5	3	3	2	0
17 - 18	2	2	7	5	6	1	4	1	2
18 - 19	2	2	8	5	5	1	5	0	2
19 - 20	1	4	6	6	5	1	3	1	3
20 - 21	2	4	6	7	4	1	2	3	1
21 - 22	2	5	4	7	4	2	1	3	2
22 - 23	1	4	6	6	4	1	3	3	2
23 - 24	2	4	4	7	4	1	5	2	1
SUMAS	42	94	129	114	132	51	70	60	28
% de frec. por dirección	5.8	13.0	17.9	15.8	18.3	7.1	9.7	8.3	3.9

NUBES. VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Ns	8	Frs	8	Ns	8	St	8	Sc	8	91	92	97
2	Sc	8	Sc	8	Sc	7	Co	7	Claro	0	8	9	9
3	Ci	1	Ci	2	Ci	2	Ci	2	Claro	0	9	9	9
4	Ac	7	Ac	8	Cu 3 Cs 5	8	Cs	8	Claro	0	8	8	7
5	Ac	6	Ac	5	Cu 2 Ci 1	3	Sc 2 Ci 6	8	Sc	1	8	9	9
6	Ac	5	Ac	4	Sc	8	Sc	7	Sc	4	5	7	8
7	St	8	Ns	8	Ns	8	St	8	Ns	8	7	7	7
8	Sc	8	Frs	8	Frs	8	Frs	8	Frs	8	8	3	4
9	Claro	0	Cu	1	Cu 1 Cs 4	5	Cu	3	Sc	7	9	9	9
10	Ci Cs	7	Ci Cs	6	Cs	8	Ci	5	Cs	8	9	9	9
11	Sc	7	Ac	1	Cu	5	Cu	1	Claro	0	7	9	9
12	Claro	0	Claro	0	Claro	0	Sc	1	Claro	0	8	9	9
13	Ci	1	Cs	6	Cs	8	Cs	8	Claro	0	7	8	9
14	Ac	6	Ac	7	Cs	8	Ac 6 Cs 1	7	Ac	3	8	7	8
15	Ac	3	Ac 1 Sc 6	7	Ac 1 Ci 4	5	Sc 3 Ci 4	7	Cs	8	7	6	7
16	Frs 2 Ac 3 Ci 3	8	Sc	8	Cu 3 Ci 4	7	Sc	8	Sc	8	7	7	7
17	St	8	St	8	St	8	St	8	St	8	7	7	7
18	St	8	Sc	8	St	8	St	8	Frs	8	6	6	5
19	Frs	8	Frs	8	Sc	8	Sc	8	St	8	7	7	8
20	Frs	8	St	7	Sc	7	Sc	7	Sc	3	8	8	8
21	Claro	0	Cu	2	Sc 4 Ac 2	6	Sc 3 Ac 3	6	Sc 2 Ac 3	5	9	9	9
22	Ci	1	Cu 2 Ci 1	3	Cu 3 Ci 2	5	Cu 1 As 6	7	As	8	9	8	8
23	Frs	8	Cu 6 Ac 1	7	Cb	7	Sc	8	St	8	5	8	8
24	St	8	Sc	8	Frs	8	Frs	8	Sc	8	7	8	8
25	Sc	4	Cu	6	Cu	5	Cu	5	Claro	0	8	8	8
26	Claro	0	Ci 4	5	Cu 3 Cs 5	8	Cs	8	Ac	3	2	7	7
27	Cs	8	Cs	8	Cs	8	As	8	Cs	8	8	8	8
28	Cs	8	Cu 4 Ci 3	7	Cu 2 Ci 5	7	Cu 2 Ci 4	6	Ci	1	8	8	8
29	Sc	7	Sc	6	Cu 2 Ci 1	3	Ci	4	Claro	0	8	8	9
30	Ac	2	Cu	5	Claro	0	Claro	0	Claro	0	4	8	8
31													
Prom.		5		6		6		6		4			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	2	N., Z.
	10				8	0	2	N., Z.
	12				8	0	2	N., Am.
	14				8	0	2	N., Am.
	15				8	0	2	N., Am.
2	9				8	0	4	Ne., Am.
	10	21.6	15.0	0.54	8	0	5	
	12	29.0	18.1	0.89	8	0	5	
	14	25.1	17.8	0.59	7	0	5	
	15	29.1	18.8	0.84	7	0	5	
3	9	36.1	17.6	1.50	1	5	5	
	10	39.7	20.4	1.57	5	4	5	
	12	43.1	23.9	1.56	1	5	5	
	14	42.8	23.7	1.55	2	5	5	
	15	36.6	21.9	1.20	2	4	5	
4	9	22.1	16.0	0.50	7	0	5	
	10	21.0	16.1	0.40	8	0	5	
	12	37.7	22.5	1.24	6	3	5	
	14	34.0	22.1	0.97	8	1	4	
	15	40.9	23.5	1.41	8	3	5	
5	9	26.1	14.6	0.93	7	1	5	
	10	25.2	16.5	0.71	7	0	5	
	12	33.9	17.4	1.34	6	3	5	
	14	40.3	22.7	1.43	3	5	5	
	15	26.9	18.8	0.66	5	1	5	
6	9	32.9	15.6	1.41	0	4	2	N.
	10	29.6	18.5	0.90	7	1	3	N.
	12	30.5	18.0	1.02	7	2	3	N.
	14	23.3	17.8	0.45	8	0	5	
	15	23.1	17.7	0.44	8	0	5	
7	9	14.0	12.5	0.12	8	0	4	Ne.
	10	22.0	14.5	0.61	8	1	5	
	12				8	0	4	Ne., Am.
	14				8	0	3	Ne., Z.
	15				8	0	3	Ne., Z.
8	9				8	0	4	Am.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14				8	0	3	Ne., LL.
	15				8	0	3	Ne., LL.
9	9	34.7	15.0	1.60	1	5	0	
	10	38.0	28.0	0.81	1	5	5	
	12	41.0	20.5	1.67	1	5	5	
	14	37.8	19.0	1.53	5	4	5	
	15	32.8	18.7	1.15	5	3	5	
10	9	30.0	16.6	1.09	7	3	5	
	10	39.3	20.9	1.50	5	5	5	
	12	37.5	22.0	1.26	6	4	5	
	14	38.5	23.0	1.26	8	2	5	
	15	41.5	24.4	1.39	4	5	5	
11	9	15.6	10.7	0.40	6	0	5	
	10	38.4	17.7	1.68	1	5	5	
	12	40.0	19.5	1.67	1	5	5	
	14	39.4	19.6	1.61	5	3	5	
	15	35.7	19.2	1.34	2	3	4	B.
12	9	36.3	16.8	1.58	0	5	5	
	10	39.8	19.1	1.68	0	5	5	
	12	41.2	20.9	1.65	0	5	5	
	14	39.5	21.2	1.48	0	5	5	
	15	32.7	19.4	1.08	1	5	5	
13	9	37.2	18.3	1.54	3	5	5	
	10	42.8	21.6	1.72	6	5	5	
	12	42.0	23.0	1.54	7	4	5	
	14	36.0	22.5	1.10	7	2	5	
	15	38.2	22.2	1.30	8	2	5	
14	9	37.0	19.5	1.42	4	5	4	
	10	40.5	21.0	1.58	5	5	5	
	12	41.2	23.7	1.42	5	4	5	
	14	42.0	26.2	1.28	8	4	4	B.
	15	31.7	23.2	0.69	8	1	4	B.
15	9	35.1	24.0	0.90	5	3	4	B.
	10				7	0	4	B., CH.
	12	35.6	26.5	0.74	6	3	3	B.
	14	45.2	30.3	1.21	5	4	4	B.
	15	42.5	30.1	1.01	7	4	4	B.
16	9	20.6	12.3	0.67	7	2	4	Ne.
	10	22.1	13.9	0.67	8	0	4	Ne.
	12	27.0	16.0	0.88	7	1	5	
	14	33.4	18.0	1.25	7	3	4	B.
	15	19.0	13.5	0.45	7	0	5	
17	9				8	0	4	Am.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14				8	0	4	Am.
	15				8	0	4	Am.
18	9				8	0	3	Ne., Am.
	10				8	0	4	Ne., Am.
	12	24.5	16.4	0.60	8	0	4	Ne.
	14	22.2	15.6	0.54	8	0	4	Ne.
	15	19.0	14.9	0.33	8	0	4	Ne.
19	9				8	0	4	Ne., Am.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14	24.0	17.9	0.50	8	0	4	
	15	24.0	18.1	0.48	7	0	4	
20	9	21.5	12.5	0.73	7	0	5	
	10	20.6	12.8	0.63	7	0	5	
	12	28.5	14.9	1.10	7	1	5	
	14	23.5	14.1	0.76	7	0	5	
	15	32.0	17.5	1.18	5	3	5	
21	9	28.6	12.7	1.29	0	5	5	
	10	35.5	13.6	1.78	2	5	5	
	12	34.5	14.8	1.60	3	3	5	
	14	26.5	13.1	1.09	6	3	5	
	15	28.0	13.5	1.18	7	3	5	
22	9	28.9	11.1	1.45	2	4	5	
	10	38.5	15.0	1.91	2	5	5	
	12	39.6	16.5	1.88	6	5	5	
	14	37.5	16.7	1.69	5	3	5	
	15	29.5	14.1	1.25	6	3	5	
23	9				8	0	3	Ne., Am.
	10	26.5	14.6	0.93	8	0	5	
	12	26.8	15.4	0.93	8	0	5	
	14	28.9	15.0	1.13	7	0	5	
	15	14.9	12.0	0.24	8	0	5	
24	9	14.5	11.5	0.24	8	0	5	
	10				8	0	5	Am.
	12	23.8	12.2	0.94	7	0	5	
	14				8	0	4	Z.
	15				8	0	5	Am.
25	9	34.0	14.0	1.63	5	3	5	
	10	37.5	16.4	1.72	3	3	5	
	12	39.5	18.5	1.71	5	3	5	
	14	38.7	18.4	1.65	5	3	5	
	15	30.4	15.6	1.20	3	3	5	
26	9	26.0	12.1	1.13	4	1	3	
	10	38.5	17.0	1.75	3	5	4	
	12	38.0	19.1	1.54	7	3	4	
	14	34.9	19.6	1.24	8	3	4	
	15	37.9	20.5	1.41	8	3	4	
27	9	33.1	17.5	1.27	8	2	5	
	10	36.4	19.5	1.37	8	2	5	
	12	40.0	21.5	1.50	8	2	5	
	14	33.0	19.5	1.10	8	2	4	
	15	25.5	17.5	0.65	8	2	4	Js.
28	9	34.6	18.8	1.28	7	4	4	
	10	44.0	22.5	1.75	5	4	4	
	12	37.0	21.8	1.24	7	3	5	
	14	43.0	23.8	1.56	7	4	5	
	15	37.0	21.5	1.26	6	4	5	
29	9	29.2	17.9	1.06	7	0	5	
	10	37.5	20.3	1.40	6	1	5	
	12	45.0	23.0	1.79	4	5	5	
	14	43.2	22.6	1.67	3	5	5	
	15	42.2	23.6	1.51	2	5	5	
30	9	38.5	20.5	1.46	6	3	5	
	10	47.5	23.5	1.95	5	3	5	
	12	41.5	22.5	1.54	3	3	5	
	14	39.6	21.7	1.46	0	5	4	
	15	39.5	21.0	1.50	0	5	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1															0.0	11.3	00
2		0.2	0.8	0.7	0.7										2.4	11.3	21
3		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.7	11.4	94
4		0.1		0.3		0.3	0.9	1.0	1.0	0.8	1.0	0.5			5.9	11.4	52
5			0.5		0.8	0.4	0.8	0.4	1.0	1.0	0.8				5.7	11.4	50
6			0.2	0.9	1.0	0.5	1.0	0.5	0.6		0.1				4.8	11.5	42
7						0.1	0.1								0.2	11.5	02
8															0.0	11.5	00
9		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.3		10.5	11.6	90
10			0.8	1.0	0.9	1.0	1.0	0.9	0.7	0.3	1.0	1.0	0.2		8.8	11.6	76
11			0.8	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9			8.4	11.6	72
12		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.6	11.7	99
13		0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.5	0.8	0.5			9.0	11.7	77
14		0.1	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8			9.2	11.7	79
15			0.4	1.0	0.6	0.2	0.8	0.9	1.0	1.0	0.9	0.8			7.6	11.8	64
16					0.1	0.1		0.5	0.8	0.8	0.1				2.4	11.8	20
17															0.0	11.9	00
18							0.1								0.1	11.9	01
19															0.0	11.9	00
20					0.3	0.5	0.1	0.9	1.0	0.6	1.0	0.6	0.2		5.2	12.0	43
21		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.2	0.1		9.6	12.0	80
22		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			9.5	12.0	79
23							0.1			0.1					0.2	12.1	02
24								0.2							0.2	12.1	02
25			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6		9.8	12.1	81
26		0.1	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.3	12.2	84
27				0.2	0.4	0.3	1.0	0.9	0.2						3.0	12.2	25
28				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			8.7	12.3	71
29				0.3	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4		8.0	12.3	65
30		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.8	12.3	88
31																	
Medias		0.2	0.4	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.4	0.1		5.8	11.8	49

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	13.1	13.9	14.2	12.7	13.1	13.4	11.4	11.6	11.7	11.8	11.9	12.0	14.4	14.4	14.4
2	14.6	15.4	14.7	13.7	14.3	14.1	12.2	12.4	12.6	12.4	12.4	12.6	14.6	14.6	14.6
3	11.6	16.3	14.8	11.8	14.1	14.3	11.6	11.7	12.7	12.3	12.2	12.7	14.7	14.8	14.6
4	12.8	15.5	14.0	12.6	13.9	14.2	11.9	12.0	12.7	12.4	12.4	12.5	14.8	14.8	14.8
5	12.6	15.7	14.6	12.5	14.0	14.1	11.8	12.1	12.6	12.4	12.4	12.6	14.8	14.9	14.8
6	15.6	15.4	14.4	11.7	13.8	13.9	11.5	11.8	12.3	12.3	12.2	12.4	14.7	14.7	14.7
7	12.6	13.4	13.2	12.4	12.9	12.8	11.4	11.6	11.6	12.2	12.0	12.0	14.6	14.6	14.6
8	12.8	13.1	13.4	12.2	12.6	12.9	11.2	11.2	11.5	11.9	11.6	11.8	14.4	14.2	14.2
9	12.6	16.0	14.6	12.3	14.0	13.9	11.5	11.5	12.2	11.9	11.8	12.2	14.2	14.2	14.3
10	12.0	15.9	15.2	11.8	13.8	14.2	11.3	11.5	12.2	12.0	11.9	12.2	14.4	[illegible]	14.4
11	13.9	15.8	14.4	12.9	14.2	13.9	12.1	12.1	12.6	12.4	12.4	12.6	14.7	14.7	14.7
12	11.2	15.4	14.0	11.6	13.8	13.7	11.4	11.8	12.2	12.2	12.2	12.3	14.7	14.7	14.7
13	10.8	15.8	14.2	11.1	13.5	13.6	11.1	11.3	12.0	12.0	12.1	12.1	14.6	14.6	14.5
14	12.4	16.8	15.8	12.1	14.1	14.6	11.4	11.8	12.6	12.0	12.2	12.5	14.6	14.6	14.7
15	14.7	18.5	18.3	13.9	15.8	16.8	12.6	13.1	14.0	12.8	12.9	13.4	15.0	15.1	15.2
16	15.4	15.9	14.5	15.1	15.1	14.4	13.9	13.6	13.5	13.9	13.8	13.8	15.7	15.8	15.8
17	13.0	14.3	14.2	12.9	13.5	13.6	12.4	12.4	12.5	13.2	13.0	13.0	15.6	15.5	15.4
18	13.2	14.7	14.6	12.9	13.7	13.7	12.0	12.2	12.4	12.6	12.6	12.7	15.2	15.1	15.2
19	14.2	15.2	15.6	13.5	14.0	14.6	12.2	12.4	12.8	12.6	12.8	13.0	15.0	15.1	15.1
20	13.6	14.9	14.0	13.3	13.8	13.7	12.4	12.4	12.6	12.8	12.8	12.8	15.2	15.2	15.1
21	10.6	14.2	12.9	11.1	12.0	12.8	11.2	11.2	11.6	12.2	11.8	12.0	14.9	14.7	14.6
22	10.8	13.9	12.6	10.4	12.5	12.4	10.6	10.6	11.2	11.7	11.3	11.5	14.6	14.3	14.2
23	11.8	13.2	12.9	11.4	12.4	12.5	10.8	11.0	11.3	11.6	11.5	11.5	11.4	14.3	14.3
24	12.4	13.6	12.6	11.9	12.5	12.2	11.1	11.1	11.3	11.7	11.5	11.5	14.2	14.2	14.2
25	11.2	14.0	13.2	10.9	12.6	12.7	10.4	10.7	11.4	11.2	11.2	11.6	14.1	14.0	14.1
26	10.4	15.1	13.8	10.5	13.1	13.2	10.4	10.8	11.6	11.4	11.2	11.6	14.2	14.0	14.0
27	12.0	15.3	14.2	11.7	13.4	13.4	11.0	11.3	11.8	11.6	11.6	11.9	14.2	14.2	14.2
28	12.4	16.6	14.2	12.1	14.6	14.4	11.3	11.8	12.6	12.0	12.0	12.4	14.4	14.4	14.4
29	13.6	17.0	15.4	13.1	15.1	14.9	12.1	12.5	13.2	12.5	12.5	13.0	14.8	14.8	14.9
30	12.7	17.0	15.4	12.7	15.2	14.9	12.2	12.6	13.2	12.8	12.8	13.1	15.2	15.2	15.2
31															
Prom.	12.6	15.3	14.4	12.3	13.7	13.8	11.6	11.8	12.3	12.2	12.2	12.4	14.7	14.7	14.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1	7.5	7.8	7.0	6.9	2	0.1	0.5	0.1	0.9							9587
2	0.4	1.0	0.7	0.8	2	0.3	0.3	0.9	1.7							9580
3					2	0.5	1.9	1.3	4.1							9582
4					1	0.9	2.1	1.5	3.8	N. 9	20.6	18.5	22.3			9588
5					1	0.2	0.9	0.7	1.8							9598
6					0	0.2	1.2	1.0	2.9							9594
7					2	0.7	0.8	0.2	1.6							9593
8	15.4	16.4	15.3	14.5	2	0.6	0.4	0.1	0.9							9597
9	18.6	18.5	17.5	15.6	2	0.4	1.1	1.4	3.5	N.10	24.4	19.9	24.4	22.3	19.6	9581
10					1	1.0	2.5	2.1	5.8							9566
11					1	2.2	1.7	1.4	3.9							9554
12					1	0.8	1.7	1.2	3.0							9554
13					0	0.1	2.4	1.7	5.1							9555
14					0	1.0	2.1	2.1	5.2	N.11	18.8	18.1	21.6			9556
15					0	1.0	1.7	1.2	4.0							9566
16	0.0	0.0	0.0	0.0	0	1.1	1.3	0.8	2.7							9577
17					0	0.6	0.7	0.9	2.1							9588
18	1.6	1.8	1.5	1.5	1	0.5	0.5	0.3	1.3							9599
19	0.0	0.3	0.0	0.1	2	0.5	0.1	0.3	1.0							9590
20	21.4	21.1	20.6	18.9	2	0.6	0.7	0.7	2.0	N.12	19.9	18.3	21.3			9599
21	0.0	0.0	0.0	0.0	1	0.6	1.2	1.0	2.6							9587
22					1	0.4	1.1	0.8	2.1							9573
23	1.7	2.0	1.5	2.0	2	0.2	0.5	0.3	1.1							9566
24	3.5	4.3	-	3.2	2	0.3	0.4	0.3	1.0	N.13	21.0	21.0	21.5			9567
25	0.0	0.0	0.0	0.0	2	0.3	0.8	0.8	1.8							9567
26					1	0.2	1.7	0.1	2.5							9576
27					1	0.7	1.9	1.3	3.6							9567
28					0	0.4	1.8	1.3	3.7							9586
29					0	0.6	1.5	1.1	3.3	N.14	17.3	18.7	23.8	22.9	20.5	9595
30					0	0.7	1.7	1.1	3.4							9600
31																
Prom.	70.1	73.2	-	63.5	-	0.6	1.2	0.9	2.7	-	-	-	-	-	-	9580

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
13.6	13.6	13.6	14.0	14.0	14.0	15.0	16.9	8.6	Cn. m. t. y n., Z. m. y t., N. m. y t., Ne. n.
13.6	13.7	13.8	14.0	14.0	14.0	15.0	16.9	12.4	Cn. m. y t., Ca. n., r. n.
13.8	13.8	13.8	13.9	14.0	13.9	15.2	16.8	- 0.4	Ca. m. t. y n., r. m. y n.
13.8	14.0	13.8	13.9	14.0	14.0	15.1	16.7	4.1	Cn. m. y t., Ca. n., r. m. y n.
14.0	14.0	14.0	14.0	14.0	14.0	15.1	16.7	4.9	Cn. m., Ca. t. y n., r. m. y n., Vx. t.
14.0	14.0	14.0	13.9	14.0	14.0	15.2	16.8	- 0.9	Cn. m. t. y n., r. n.
14.0	13.9	13.7	14.0	14.1	14.0	15.2	16.7	3.9	Cn. m. t. y n,r.m,Ne.m.t.y n,Z.t.y n,LL.t.y n.
13.6	13.7	13.5	14.0	14.1	14.1	15.2	16.6	9.0	Cn. m. t. y n,Z.m.y n, LL.t, Ne. t. y n.
13.4	13.5	13.5	14.0	14.0	14.0	15.1	16.8	5.4	Ca. m., Cn. t. y n.
13.7	13.8	13.7	13.9	14.0	14.0	15.2	16.7	4.0	Cn. m. t. y n., r. m.
13.8	14.0	14.0	14.0	14.0	14.0	15.2	16.0	5.0	Cn. m. y t., Ca. n.
14.1	14.1	14.1	13.9	13.9	13.9	15.2	16.5	- 0.9	Ca. m. t. y n., r. m. y n.
14.1	14.0	13.9	13.9	14.0	14.0	15.2	16.5	- 1.1	Ca. m. y n., Cn. t., Js. t.
14.0	14.0	14.1	14.0	14.0	14.0	15.2	16.5	2.5	Cn. m. y t., Ca. n., r. m., B. t.
14.1	14.5	14.6	14.1	14.2	14.2	15.3	16.6	11.0	Ca. m., Cn. t. y n.,r.m.y n,B.t.,Jl.n,Z.CH. t.
14.8	15.0	15.0	14.2	14.3	14.3	-	16.5	9.5	Cn. m. t. y n., r.Ne. m.
14.8	14.9	14.8	14.4	14.3	14.3	-	16.5	5.0	Cn. m. t. y n.
14.5	14.5	14.3	14.3	14.3	14.3	-	16.5	9.0	Cn. m. t. y n., Ne. m. t. y n., Z.t.y n,N.LL.n.
[illegible]	14.4	14.3	14.4	14.4	14.4	15.2	16.5	11.6	Cn. m. t. y n.,Ne.Z.LL.Ru. m., J. t., LL. t.
[illegible]	14.3	14.3	14.4	14.4	14.3	15.0	16.5	9.0	Cn. m. y t., Ca. n., CH. m., Z. t.
[illegible]	14.2	14.1	14.4	14.4	14.3	15.2	16.5	- 1.1	Ca. m., Cn. t. y n., r. m.
[illegible]	13.9	13.8	14.2	14.3	14.3	15.2	16.5	- 3.9	Ca. m., Cn. t. y n., Vx. m.
13.7	13.7	13.7	14.2	14.3	14.2	15.3	16.5	7.1	Cn. m. t. y n., LL. m.
13.7	13.7	13.7	14.2	-	-	15.2	16.5	7.5	Cn. m. t. y n., Z. t. y n.
13.0	13.5	13.4	-	-	14.2	15.4	16.5	4.9	Cn. m. y t., Ca. n., r. n.
13.2	13.5	13.5	14.0	14.0	14.0	15.3	16.5	- 2.5	Ca. m. y n,Cn. t.,N.m.,r.m.y n,Jl.n.
13.4	13.6	13.5	14.0	14.1	14.0	15.1	16.5	0.3	Cn. m. t. y n., r. m. y n.
13.7	13.8	13.6	14.0	14.1	14.1	15.1	16.5	4.9	Cn. m. y t., Ca. n., r. m. y n.
14.1	14.2	14.2	14.1	14.1	14.0	15.2	16.5	4.1	Cn. m., Ca. t. y n., r. m. y n.
14.5	14.6	14.5	14.1	14.2	14.2	15.1	16.5	4.1	Ca. m. t. y n., Ns.Ne. m., r. n.
13.9	14.0	14.0	14.1	14.1	14.1	15.2	16.6	4.6	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	57.9	64.6	7	9	46.5	10	21	12.8	17.2	8.3	20.6	10	15	4.3	6	6-7	4.9	11.4	43
2ª	59.6	67.3	20	24	47.4	19	14-15	12.6	17.7	7.6	27.1	15	15,16	2.7	13	5,6	5.4	11.8	46
3ª	66.9	75.2	22	9	62.1	25	2-3	9.8	14.3	5.1	18.8	28	14	0.3	22	5	7.0	12.2	58
MES	61.5	75.2	22	9	46.5	10	21	11.7	16.4	7.0	27.1	15	15,16	0.3	22	5	5.8	11.8	49

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	79	100	6	32	3	8.6	13.0	5.2	E	12	36	varios	28	9	12-13	60	NE	8	15.31	43.7	18.5	9	8.5	8	14-15
2ª	76	99	13,18	34	12	8.2	18.0	4.4	SE	13	36	16, 19	23	16	8-9	50	SE	16	7.33	23.2	21.1	20	10.5	19	12-13
3ª	79	100	varios	42	22	6.9	9.0	3.8	S	8	36	27	21	27	8-9	51	S.	25	9.04	6.3	2.3	24	1.8	23	8-9
MES	78	100	varios	32	3	7.9	18.0	3.8	S	8	36	varios	28	9	12-13	60	NE	8	15.31	73.2	21.1	20	10.5	19	12-13

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

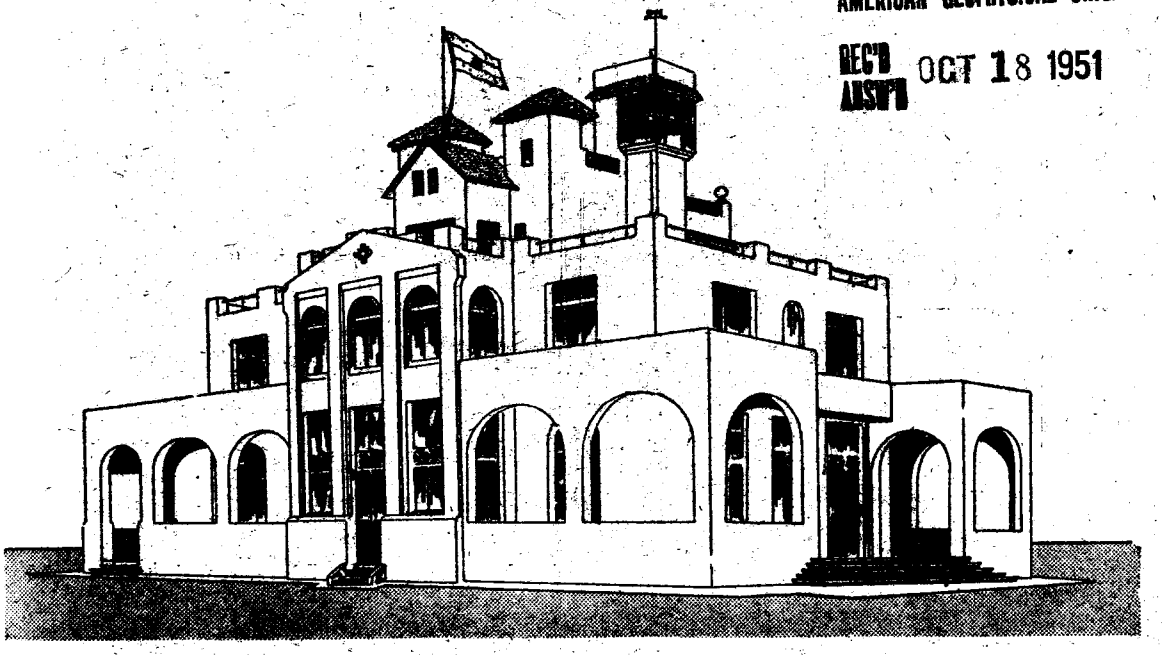
DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	-	3	1	-	-	-	1	3	-	-	-	-	-	4	-	-
2ª	3	1	3	1	-	-	-	2	4	-	2	-	1	-	2	1	-
3ª	3	-	1	1	1	-	-	1	1	-	-	-	-	-	1	-	-
MES	12	1	7	3	1	-	-	4	8	-	2	-	1	-	7	1	-

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	7	-	-	-	-	-	-	-	-	-	-	2	8	-	-	-
2ª	3	-	-	-	-	-	-	1	1	-	-	3	7	-	1	-
3ª	7	-	-	-	-	-	-	-	1	-	-	3	7	-	-	-
MES	17	-	-	-	-	-	-	1	2	-	-	8	22	-	1	-

OBSERVATORIO DE FISICA COSMICA
DE
SAN MIGUEL (R. ARGENTINA)

Lat. S. 34° 33'; Long. W. de G. 58° 44'; Alt. 27.4 m.

AMERICAN GEOPHYSICAL UNION
REC'D AUSPW OCT 18 1951



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BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V OCTUBRE 1950 Nº. 10

RESUMEN MENSUAL

El día 1° con buen tiempo y temperatura en franco ascenso, se anota el valor máximo mensual de la presión con 766.8 mm. Con la intensificación de la corriente del N, aumenta la humedad y nubosidad el día 4. Un ciclón del litoral hace que el día 5 la columna barométrica descienda 9.0 mm en nueve horas; se registran además ráfagas superiores a los 70 km/h, así como lluvias muy intensas. Aclara luego temporariamente, pues el día 7, debido al pasaje de un frente frío, el cielo se presenta otra vez cubierto. El día 8 restablécese el buen tiempo con temperaturas inferiores a la normal.

Al iniciarse la 2ª década el viento sopla del sector N; la temperatura y humedad aumentan; los días 13 y 14 se registran los valores máximos mensuales de la tensión con 13.5 mm. La característica del tiempo de los días subsiguientes es su inestabilidad; por el Observatorio atraviesan nuevos frentes fríos en parte portadores de ligeras lluvias. El termómetro desciende constantemente; el 19 marca el mínimo mensual con 3.3°C. En este día y el siguiente se registran por última vez temperaturas de la superficie por debajo del punto de congelación.

Con el cambio del viento al sector N el 21, día en que la humedad relativa registra el valor mínimo mensual, la temperatura aumenta rápidamente. El 23 anótase el máximo del mes con 26.7°C. El pasaje de un frente frío, hace que la temperatura descienda 10.0°C en tres horas; no se altera sin embargo el estado del tiempo. Con viento del N y aumento de la temperatura y humedad, el día 27 se encuentra el Observatorio en una zona de perturbación que nubla el cielo y provoca ligeras lluvias. La sudestada que se forma luego con cielo nublado y temperaturas por debajo de la normal, debilítase en los dos últimos días del mes, restableciéndose el buen tiempo.

Excepción hecha de la heliofanía que acusa una desviación positiva de más del 10%, los demás elementos experimentan pequeñas desviaciones negativas.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	-	-	-	19	46	82	75	74	100	86	62	73	72	82	68
2	70	65	64	54	59	62	70	75	59	50	32	5	52	54	65
3	61	59	59	61	54	37	48	50	46	46	54	72	73	73	79
4	39	41	37	37	41	50	56	68	65	72	72	75	73	99	99
5	26	-28	- 3	39	- 5	-	-	-	-	-	-	-	-	-	-
6	-34	-26	-29	- 8	16	39	65	79	105	107	107	56	54	85	93
7	56	56	48	48	50	9	46	19	121	73	123	54	89	79	81
8	54	54	54	65	61	59	73	89	87	91	93	97	73	67	69
9	73	74	75	75	70	75	75	78	78	95	86	77	75	74	83
10	93	107	101	89	75	77	79	67	81	50	28	41	30	32	39
11	117	149	159	159	145	143	161	147	73	24	26	28	43	35	44
12	83	57	54	67	57	57	59	77	57	61	61	95	85	81	119
13	61	52	56	57	46	24	39	101	81	125	113	81	81	97	129
14	57	69	73	77	61	43	81	105	97	69	83	113	137	149	149
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89
16	46	61	-	-	26	26	101	105	153	109	77	±∞	-134	-51	43
17	83	71	79	77	77	87	87	99	125	115	79	59	65	87	93
18	-	-	-	-	-	67	77	54	21	35	41	39	30	34	10
19	73	97	89	61	73	161	179	54	-73	-123	-122	-146	-146	-158	-
20	59	54	48	48	48	48	59	87	107	113	83	89	93	109	119
21	65	59	35	26	50	99	141	85	105	52	43	30	46	41	48
22	71	50	48	48	54	46	56	87	91	105	113	119	97	50	65
23	46	44	43	46	48	67	73	89	83	65	52	35	30	12	26
24	52	75	87	87	93	95	99	109	99	77	103	129	119	125	39
25	159	147	151	163	147	63	101	81	101	117	113	103	81	59	81
26	46	35	35	34	28	17	16	19	57	81	77	73	50	52	46
27	61	54	43	44	50	37	30	37	14	54	±∞	24	43	79	99
28	57	35	34	37	44	37	43	63	75	73	67	79	77	77	93
29	23	24	23	21	30	28	59	56	46	-	-	-	73	48	26
30	63	37	41	46	57	56	97	133	129	105	113	97	89	75	75
31	43	48	37	32	44	57	81	93	89	121	113	103	99	87	91
Prom	71.1	65.6	65.3	66.9	64.9	49.4	70.2	81.4	85.4	87.1	84.4	76.7	76.1	73.6	83.6

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " $\cdot 10^{-4}$							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	5.96	4.42	10.38	1.36	6.87	5.02	11.89	1.36	0.70	0.67	1.37	1.04	1.28	0.59	1.87	2.17
2	3.84	5.49	9.33	0.68	4.30	3.69	7.99	1.16	0.48	0.53	1.01	0.91	0.55	0.47	1.02	1.17
3	5.00	5.54	10.54	0.89	2.52	2.52	5.04	1.00	0.67	0.67	1.34	1.00	0.27	0.27	0.54	1.00
4	6.70	6.70	13.40	1.00	3.74	3.86	7.60	0.96	0.77	0.83	1.60	0.93	0.39	0.43	0.82	0.91
5	-	-	-	-	-	-	-	-	1.40	1.83	3.23	0.76	1.23	2.12	3.35	0.58
6	6.25	7.78	14.03	0.81	6.38	8.09	14.47	0.79	0.72	0.66	1.38	1.09	0.65	0.90	1.55	0.72
7	3.29	7.38	10.67	0.45	8.19	10.68	18.87	0.77	0.80	0.88	1.68	0.91	1.02	1.12	2.14	0.91
8	4.72	5.23	9.95	0.91	8.34	9.37	17.71	0.91	0.63	0.54	1.17	1.17	1.00	1.01	2.01	0.99
9	-	-	-	-	8.13	7.86	15.99	1.04	-	-	-	-	0.96	0.92	1.88	1.04
10	9.26	9.20	18.46	1.01	7.54	8.69	16.23	0.87	0.96	0.93	1.89	1.03	1.00	1.00	2.00	1.00
11	5.04	5.89	10.89	0.86	8.94	4.80	13.74	1.84	0.64	0.63	1.27	1.02	1.17	0.82	1.99	1.43
12	5.62	6.20	11.82	0.90	8.12	6.24	14.36	1.30	0.75	0.82	1.57	0.91	0.99	0.83	1.82	1.19
13	6.03	7.35	13.38	0.82	4.26	5.63	9.89	0.75	1.00	1.13	2.13	0.88	0.64	0.69	1.33	0.93
14	6.01	6.26	12.27	0.96	7.66	8.69	16.35	0.89	0.96	0.86	1.82	1.12	0.96	0.98	1.94	0.98
15	6.23	7.34	13.57	0.86	8.44	6.45	14.89	1.30	0.89	0.99	1.88	0.90	1.18	1.12	2.30	1.05
16	8.58	8.58	17.16	1.00	7.50	7.85	15.35	0.96	0.95	1.14	2.09	0.83	0.73	0.80	1.53	0.91
17	8.58	7.59	16.17	1.13	4.52	5.20	9.72	0.87	0.81	0.82	1.63	0.99	0.70	0.63	1.33	1.11
18	8.53	8.18	16.71	1.04	9.28	6.40	15.68	1.44	0.89	0.68	1.57	1.31	1.00	0.95	1.95	1.05
19	6.26	5.63	11.89	1.10	10.16	8.73	18.89	1.16	0.96	1.26	2.22	0.76	0.98	0.88	1.86	1.11
20	6.40	8.70	15.10	0.74	7.20	7.97	15.17	0.90	0.63	0.95	1.58	0.66	0.89	1.01	1.90	0.88
21	10.03	5.46	15.49	1.85	10.56	11.20	21.76	0.96	-	-	-	-	1.08	1.26	2.34	0.86
22	6.09	5.93	12.02	1.02	8.55	10.43	18.98	0.82	0.75	0.68	1.43	1.10	1.26	1.36	2.62	0.93
23	3.60	4.05	7.65	0.89	9.33	10.30	19.63	0.90	0.58	0.65	1.23	0.89	1.29	1.41	2.70	0.91
24	2.32	2.27	4.59	1.03	2.76	3.13	5.89	0.86	0.36	0.27	0.63	1.33	0.41	0.40	0.81	1.02
25	6.55	7.96	14.51	0.82	10.21	9.81	20.02	1.05	0.90	1.06	1.96	0.85	1.36	1.26	2.62	1.08
26	8.58	10.35	18.93	0.83	7.37	6.63	14.00	1.10	1.15	1.31	2.46	0.88	1.05	0.97	2.02	1.08
27	-	-	-	-	9.93	6.81	16.74	1.46	0.73	0.95	1.68	0.77	1.43	0.94	2.37	1.52
28	5.94	5.13	11.07	1.16	3.74	4.06	7.80	0.92	1.42	1.03	2.45	1.38	0.52	0.55	1.07	0.95
29	4.74	5.42	10.16	0.88	8.41	10.20	18.61	0.82	0.64	0.63	1.27	1.02	1.29	1.26	2.55	1.02
30	5.66	5.29	10.95	1.07	8.44	7.99	16.43	1.06	0.77	0.97	1.74	0.79	1.15	1.10	2.25	1.04
31	2.49	3.66	6.15	0.69	4.64	3.07	7.71	1.51	0.55	0.71	1.26	0.77	0.52	0.62	1.14	0.84
Prom.	6.01	6.39	12.40	0.94	7.20	7.05	14.25	1.02	0.81	0.86	1.67	0.94	0.93	0.93	1.86	1.00

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
79	111	61	-	-	-	46	77	78		156	00	156	0*
70	107	124	111	75	78	73	68	66	67.0	158	-23	181	1
75	94	108	89	81	52	56	54	54	64.0	124	5	119	0
96	91	107	86	83	59	7	19	28	62.5	225	-264	489	1
-	-	-	-	-	-	- 6	-23	-122		∞	-∞	-	3*
81	69	57	56	39	44	50	43	41		133	-194	327	2
69	99	109	113	113	81	73	69	71	72.9	245	-75	320	1
71	83	67	56	50	43	32	35	46	65.4	133	21	112	0
91	87	75	74	81	127	93	97	44	80.5	159	-26	185	1
56	50	50	57	59	±∞	-	83	61		∞	-∞	-	3*
67	113	127	113	63	48	35	69	75	90.1	221	00	221	0
105	149	131	125	109	61	81	43	43	79.9	241	5	236	0
109	109	133	149	139	37	67	77	65	84.5	237	2	235	0
141	129	97	77	67	-	-	-	-		∞	-∞	-	3*
87	65	91	93	79	81	46	35	39		135	3	132	0*
61	129	105	-27	±∞	34	34	±∞	50		∞	-∞	-	3*
91	123	111	103	93	81	61	56	-13	82.9	181	-194	375	1
3	32	-13	43	56	71	75	73	63		∞	-∞	-	3*
-	7	-51	48	50	54	44	44	48		243	295	438	2*
109	69	69	57	67	121	115	113	105	82.9	239	-10	249	1
46	-	-	-	-	-	137	105	85		261	-70	331	2*
61	101	85	83	119	59	50	52	52	73.4	169	-41	210	1
41	46	7	21	7	-44	35	2	21		217	-194	411	2
- 4	7	35	69	61	127	191	193	159		263	-42	305	2
81	99	77	81	73	95	83	67	50	98.9	263	-178	441	1
52	77	113	103	79	87	54	54	44	55.4	191	-73	264	1
89	97	119	89	69	97	59	39	41		∞	-∞	-	3*
81	73	69	79	24	- 2	9	28	34		133	-26	159	2
5	9	69	69	67	54	43	34	41		113	-79	192	1*
69	61	56	57	61	73	73	59	56	74.1	157	19	138	0
103	127	121	123	145	113	85	83	73	88.0	193	3	190	0
82.4	99.3	100.8	95.2	89.4	76.9	64.9	63.4	53.7	75.7				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
56	77	127	3.52	7.92	809	253	1062	3.20	2.30	2.30
23	- 2	129	- 0.07	4.39	203	645	848	0.31	-	2.54
61	69	102	3.08	1.84	484	208	692	2.33	1.68	-
72	74	91	3.95	2.49	457	373	830	1.22	0.85	1.62
-	-	-	-	-	1725	503	2228	3.43	2.26	1.13
107	46	67	2.12	3.46	509	1025	1534	0.50	0.76	2.21
123	50	107	2.80	7.63	970	710	1680	1.37	1.05	-
85	97	79	3.78	5.29	710	809	1519	0.88	0.82	1.03
83	75	89	-	5.58	754	555	1309	1.36	0.28	0.34
23	37	50	2.33	3.33	605	861	1466	0.70	-	1.20
28	32	127	1.35	8.42	861	306	1167	2.81	1.20	-
65	81	139	4.24	8.43	509	320	829	1.59	1.54	1.24
105	83	117	5.89	5.19	700	658	1358	1.06	2.64	1.18
87	113	123	6.86	7.95	507	536	1043	0.94	0.78	0.76
-	-	59	-	4.52	591	607	1198	0.97	-	0.31
71	3	135	0.21	6.88	607	1079	1686	0.56	1.27	0.77
65	65	133	3.53	5.90	763	916	1679	0.83	0.26	0.44
50	50	7	2.62	0.46	916	710	1626	1.29	2.23	-
125	161	- 4	1.18	- 0.25	607	865	1472	0.70	1.60	1.91
69	95	79	5.00	5.00	645	813	1458	0.79	1.27	0.49
44	28	-	-	-	612	431	1043	1.42	-	2.85
119	119	99	5.67	8.65	484	201	685	2.41	1.68	-
48	46	54	1.89	4.86	454	754	1208	0.60	-	1.92
91	125	12	2.62	0.32	216	457	673	0.47	1.92	-
113	105	101	6.86	8.82	1220	710	1930	1.72	1.77	1.49
71	73	91	5.99	6.13	916	559	1475	1.64	1.58	1.07
-94	133	107	7.45	8.45	507	522	1029	0.97	1.71	-
81	89	85	7.27	3.03	576	547	1123	1.05	0.91	1.94
-	-	59	-	5.02	668	427	1095	1.56	1.53	2.47
117	109	135	6.32	10.12	528	498	1026	1.06	1.09	-
109	103	59	4.33	2.24	473	352	825	1.34	0.86	0.44
71	76	88	3.88	5.24	664	587	1251	1.13	1.38	1.38

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	11.6	3.8	9.6	15.4	7.7	17.3	5.8	5.8	3.8	- 3.0	5.8	9.6	9.6
2	- 1.5	9.6	13.5	13.5	11.6	5.8	1.9	- 1.5	- 6.1	7.7	15.4	5.8	- 1.5
3	11.6	13.5	7.7	5.8	1.9	1.9	-	1.9	3.8	5.8	9.6	15.4	11.6
4	9.6	9.6	11.6	15.4	3.8	1.9	- 1.5	- 1.5	- 1.5	3.8	9.6	11.6	3.8
5	15.4	17.3	15.4	15.4	1.9	5.8	- 4.5	- 1.5	1.9	1.9	3.8	- 6.1	- 9.0
6	-19.5	-21.0	-19.5	-25.5	-30.0	-31.5	-34.5	-31.5	-27.0	-25.5	-16.5	-19.5	-18.0
7	- 7.5	-12.0	- 9.0	-10.5	-15.0	-19.5	-24.0	-25.5	-25.5	-22.5	-16.5	-12.0	- 9.0
8	- 9.0	- 7.5	- 3.0	- 6.1	- 7.5	-12.0	-15.0	-19.5	-16.5	- 7.5	- 6.1	- 7.5	- 4.5
9	- 4.5	- 1.5	1.9	- 1.5	- 6.1	- 7.5	-10.5	-21.0	- 7.5	- 6.1	1.9	1.9	- 7.5
10	- 1.5	3.8	1.9	3.8	- 1.5	- 4.5	- 9.0	- 9.0	- 9.0	- 3.0	5.8	5.8	3.8
11	- 4.5	- 1.5	1.9	1.9	- 6.1	- 6.1	- 9.0	- 7.5	- 7.5	1.9	11.6	13.5	3.8
12	- 3.0	9.6	9.6	13.5	5.8	- 3.0	- 4.5	- 6.1	- 3.0	7.7	13.5	19.2	11.6
13	7.7	13.5	13.5	15.4	9.6	3.8	1.9	1.9	1.9	3.8	11.6	15.4	11.6
14	3.8	17.3	15.4	19.2	9.6	15.4	- 6.1	- 3.0	- 4.5	- 6.1	27.0	25.0	3.8
15	15.4	11.6	13.5	13.5	11.6	5.8	1.9	3.8	7.7	15.4	11.6	15.4	13.5
16	7.7	15.4	27.0	15.4	7.7	3.8	5.8	3.8	1.9	1.9	17.3	13.5	15.4
17	-	-	-	-	-	9.6	7.7	1.9	7.7	11.6	5.8	13.5	1.9
18	15.4	23.1	9.6	- 1.5	- 3.0	- 6.1	-16.5	-15.0	- 7.5	5.8	- 1.5	- 4.5	6.1
19	-	-	-	-	-	-	-15.0	- 9.0	- 6.1	- 7.5	- 3.0	5.8	5.8
20	1.9	1.9	1.9	3.8	- 1.5	- 7.5	-13.5	- 6.1	1.9	3.8	3.8	7.7	7.7
21	-	-	-	-	-	-	-	-	-	-	-	7.7	5.8
22	3.8	5.8	11.6	5.8	3.8	1.9	- 1.5	- 4.5	- 4.5	3.8	1.9	- 3.0	- 9.6
23	7.7	13.5	11.6	11.6	5.8	1.9	1.9	1.9	9.6	11.6	5.8	5.8	5.8
24	7.7	9.6	9.6	9.6	- 1.5	- 1.5	- 7.5	- 4.5	- 6.1	1.9	-	-	-
25	11.6	13.5	11.6	13.5	5.8	1.9	- 6.1	- 4.5	- 7.5	3.8	15.4	21.2	15.4
26	15.4	19.2	15.4	15.4	11.6	7.7	- 4.5	- 1.5	- 1.5	9.6	9.6	15.4	11.6
27	15.4	15.4	13.5	13.5	5.8	- 3.0	- 7.5	- 6.1	- 3.0	-	-	-	21.2
28	3.8	7.7	11.6	11.6	11.6	- 3.0	-10.5	- 7.5	- 6.1	- 3.0	7.7	5.8	- 3.0
29	3.8	13.5	15.4	9.6	9.6	5.8	3.8	- 3.0	5.8	9.6	7.7	7.7	- 3.0
30	3.8	11.6	9.6	7.7	1.9	- 6.1	- 7.5	- 1.5	1.9	-	-	-	-
31	1.9	3.8	1.9	3.8	- 1.5	- 7.5	-13.5	- 9.0	- 3.0	1.9	3.8	5.8	- 3.0
Prom	4.4	7.9	8.4	7.5	1.8	- 1.0	- 6.6	- 6.0	- 3.5	1.0	6.0	7.0	3.1
Var.	4.2	7.7	8.2	7.3	1.6	- 1.2	- 6.8	- 6.2	- 3.7	0.8	5.8	6.8	2.9

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 2.7	- 5.4	- 5.4	- 5.4	- 6.8	-15.0	-12.2	-13.6	-13.6	-15.0	-17.7	-17.7	-12.2
2	- 6.8	- 1.4	- 5.4	- 6.8	-12.2	-20.4	-13.6	-13.6	-17.7	-15.0	-10.9	-10.9	-10.9
3	-	-	-	-	-	-	-	- 9.5	-17.7	-17.7	-13.6	-13.6	-13.6
4	- 1.4	- 2.7	- 2.7	- 5.4	-10.9	-20.4	-16.3	-10.9	-10.9	- 8.2	-12.2	-13.6	-15.0
5	- 4.1	- 2.7	- 5.4	- 6.8	-17.7	-20.4	-17.7	-10.9	-15.0	-15.0	-16.3	-17.7	-17.7
6	- 5.4	- 4.1	- 6.8	- 5.4	-17.7	-19.1	-16.3	-13.6	-15.0	-16.3	-15.0	-20.4	-15.0
7	- 1.4	1.4	- 2.7	-	-	-13.6	-	-	-	-21.8	- 9.5	-15.0	-16.3
8	- 4.1	- 1.4	- 2.7	1.4	- 1.4	- 4.1	- 2.7	-10.9	-16.3	-13.6	-13.6	-15.0	-10.9
9	- 1.4	1.4	- 2.7	- 2.7	-13.6	-19.1	-16.3	-10.9	- 9.5	-13.6	- 8.2	-12.2	- 9.5
10	- 1.4	- 1.4	- 2.7	- 5.4	-13.6	-17.7	-10.9	- 8.2	-10.9	- 5.4	-12.2	-12.2	-13.3
11	- 4.1	- 2.7	- 5.4	- 6.8	-16.3	-20.4	-19.1	-12.2	-15.0	-17.7	-16.3	-16.3	-15.0
12	- 4.1	- 2.7	- 4.1	- 6.8	-10.9	-17.7	-13.6	- 4.1	- 5.1	-12.2	-12.2	-15.0	-13.6
13	- 2.7	1.4	- 1.4	- 4.1	- 9.5	-16.3	-12.2	- 8.2	- 6.8	-	-	-	-
14	1.4	1.4	- 2.7	- 2.7	- 8.2	-12.2	-12.2	- 5.4	-13.6	-12.2	- 9.5	- 8.2	- 6.8
15	- 6.8	- 1.4	- 2.7	- 2.7	- 4.1	- 6.8	- 6.8	- 8.2	-15.0	-10.9	-15.0	-16.3	-10.9
16	- 4.1	- 1.4	- 2.7	- 1.4	-10.9	-15.0	- 8.2	- 8.2	- 9.5	-17.7	9.5	-12.2	-10.9
17	-	-	-	-	-	-13.6	-12.2	-15.0	-19.1	-13.6	17.7	-20.4	-16.3
18	- 8.2	- 4.1	- 5.4	- 2.7	- 8.2	-13.6	-16.3	-12.2	- 9.5	- 6.8	- 9.5	- 9.5	- 9.5
19	-	-	-	-	-	-	-10.9	- 4.1	- 4.1	-10.9	- 9.5	- 6.8	- 8.2
20	4.1	4.1	2.7	- 1.4	- 8.2	-13.6	-12.2	- 2.7	- 2.7	- 1.4	-12.2	-15.0	- 6.8
21	-	-	-	-	-	-	-	-	-	-	-	-10.9	- 6.8
22	- 4.1	- 1.4	- 1.4	- 1.4	- 2.7	- 2.7	- 4.1	-15.0	-12.2	-13.6	-10.9	-12.2	-10.9
23	1.4	2.7	2.7	- 1.4	-15.0	-17.7	-10.9	- 5.4	- 8.2	- 9.5	- 9.5	- 6.8	- 9.5
24	1.4	1.4	1.4	- 1.4	-12.2	-15.0	-10.9	- 6.8	-13.6	- 9.5	-	-	-
25	1.4	1.4	1.4	- 4.1	-17.7	-16.3	-17.7	- 8.2	-15.0	-	-	-	-
26	1.4	2.7	- 1.4	- 2.7	-15.0	-17.7	-10.9	- 6.8	-15.0	-17.7	-12.2	- 8.2	- 8.2
27	1.4	2.7	1.4	- 2.7	-15.0	-17.7	-12.2	- 5.4	-13.6	- 9.5	-	-	-15.0
28	1.4	1.4	- 1.4	- 2.7	- 8.2	-16.3	-15.0	- 8.2	-10.9	-	-	-	-
29	- 8.2	- 2.7	- 8.2	- 5.4	- 5.4	-10.9	-13.6	-16.3	-17.7	-17.7	-17.7	-17.7	-15.0
30	- 5.4	- 4.1	- 5.4	- 5.4	-19.1	-28.5	-24.5	-15.0	-19.1	-	-	-	-
31	- 2.7	- 2.7	- 5.4	- 8.2	-21.8	-25.9	-20.4	-16.3	- 5.4	-13.6	-17.7	-17.7	-16.3
Prom	- 2.4	- 0.8	- 2.8	- 3.9	-11.6	-16.0	-13.2	- 9.9	-12.3	-12.9	-12.9	-13.7	-12.1
Var.	7.4	9.0	7.0	5.9	- 1.8	- 6.2	- 3.4	- 0.1	- 2.5	- 3.1	- 3.1	- 3.9	- 2.3

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
1.9	- 1.5	1.9	1.9	- 3.0	7.7	5.8	7.7	1.9	13.5	19.2	6.7	0
19.2	-15.0	- 3.0	- 9.0	- 6.1	3.8	17.3	7.7	11.6	3.8	19.2	5.2	2
- 4.5	- 7.5	- 6.1	- 7.5	1.9	1.9	3.8	5.8	5.8	13.5	11.6	4.6	1
9.6	- 7.5	- 3.0	- 6.1	3.8	5.8	5.8	5.8	9.6	9.6	17.3	5.3	1
-15.0	-33.0	-28.5	-40.6	-33.0	-25.5	-25.5	-31.5	-24.0	-18.0	-19.5	- 9.8	1
-27.0	-33.0	-30.0	-33.0	-27.0	-21.0	-13.5	-18.0	-15.0	-15.0	- 9.0	-23.4	0
-21.0	-13.5	-18.0	-34.5	-21.0	-16.5	-12.0	-18.0	-13.5	- 4.5	- 4.5	-16.1	2
-10.5	-10.5	-12.0	-16.5	-18.0	-18.0	-16.5	-16.5	-15.0	-12.0	- 9.0	-11.5	1
- 7.5	-12.0	- 7.5	-15.0	- 6.1	- 6.1	- 3.0	- 9.0	- 4.5	3.8	- 1.5	- 5.7	1
1.9	- 1.5	- 6.1	- 6.1	- 6.1	- 1.5	- 1.5	- 4.5	- 4.5	- 6.1	- 4.5	- 2.2	0
- 1.5	-15.0	- 1.5	- 9.0	- 3.0	- 1.5	- 1.5	- 4.5	- 3.0	- 1.5	- 3.0	- 2.2	1
- 3.0	- 9.0	- 9.0	-10.5	- 4.5	1.9	1.9	3.8	5.8	11.6	9.6	2.9	1
3.8	-	-	- 3.0	3.8	7.7	7.7	5.8	1.9	5.8	3.8	6.8	0
-13.5	- 6.1	- 6.1	- 9.0	- 4.5	13.5	1.9	7.7	1.9	17.3	13.5	5.6	2
- 1.5	1.9	1.9	1.9	1.9	5.8	7.7	9.6	3.8	11.6	13.5	8.3	0
7.7	3.8	3.8	- 3.0	3.8	7.7	7.7	5.8	5.8	17.3	15.4	8.8	1
9.6	- 3.0	- 4.5	- 9.5	- 4.5	1.9	3.8	9.6	9.6	15.4	11.6	5.2	2
- 9.0	-13.5	-13.5	-16.5	-15.0	-12.0	-10.5	- 9.0	- 6.1	- 3.0	- 3.0	- 5.0	1
- 1.5	- 6.1	-15.0	-15.0	-12.0	- 7.5	- 4.5	- 7.5	- 6.1	- 1.5	1.9	- 5.8	1
1.9	- 7.5	-12.0	- 6.1	- 9.5	- 6.1	- 1.5	- 1.5	- 1.5	- 4.5	-	- 1.8	1
1.9	1.9	1.9	-	-	-	-	-	1.9	3.8	7.7	4.1	1
- 3.0	- 3.0	- 1.5	- 3.0	1.9	- 1.5	- 3.0	- 4.5	3.8	9.6	7.7	0.8	0
3.8	- 4.5	- 4.5	- 3.0	- 3.0	- 1.5	1.9	3.8	5.8	9.6	9.6	4.7	0
-	-10.5	- 6.1	- 7.5	- 6.1	- 3.0	- 1.5	- 1.5	1.9	5.8	7.7	- 0.2	1
7.7	- 3.0	- 1.5	- 4.5	3.8	1.9	7.7	9.6	7.7	11.6	9.6	6.1	1
9.6	- 1.5	- 1.5	- 4.5	3.8	9.6	5.8	5.8	11.6	13.5	9.6	7.7	0
15.4	1.9	1.9	- 1.5	- 1.5	7.7	3.8	7.7	17.3	5.8	5.8	6.2	1
1.9	-16.5	-13.5	-30.0	- 1.5	- 4.5	3.8	5.8	7.7	7.7	9.6	- 0.1	2
- 4.5	- 6.1	- 3.0	- 6.1	-15.0	-10.5	- 9.0	1.9	3.8	19.2	7.7	2.7	2
-	- 7.5	-10.5	-18.0	- 7.5	1.9	1.9	- 3.0	3.8	5.8	- 1.5	- 0.7	2
- 7.5	- 7.5	- 7.5	-13.5	- 4.5	1.9	1.9	1.9	1.9	7.7	- 3.0	- 1.8	1
- 1.2	- 8.2	- 7.1	-11.2	- 6.2	- 1.9	- 0.4	- 0.8	1.0	5.1	5.1	0.2	
- 1.4	- 8.4	- 7.3	-11.4	- 6.4	- 2.1	- 0.6	- 1.0	0.8	4.9	4.9		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-16.3	-12.2	-12.2	-13.6	-19.1	-15.0	-16.3	-16.3	-15.0	- 4.1	- 5.4	-12.0	2
-13.6	-12.2	- 9.5	-10.9	-13.6	-10.9	- 8.2	-10.9	- 5.4	- 2.7	- 5.4	-10.4	0
-13.6	-15.0	-10.9	-12.2	-13.6	-10.9	-15.0	-13.6	- 8.2	- 6.8	- 4.1	-12.3	1
-12.2	-20.4	-12.2	-13.6	-12.2	-10.9	-13.6	-13.6	- 6.8	- 2.7	- 4.1	-10.5	1
-19.1	-20.4	-12.2	-16.3	-15.0	-17.7	-17.7	-16.3	-13.6	- 9.5	- 8.5	-13.9	2
-10.9	-13.6	-12.2	-15.0	- 3.6	-	-13.6	-13.6	- 6.8	- 5.4	- 4.1	-11.7	1
-15.0	-10.9	- 8.2	-13.6	-10.9	- 8.2	- 8.2	- 8.2	- 4.1	- 1.4	- 2.7	- 8.1	2
-12.2	-15.0	-13.6	-12.2	-10.9	-16.3	-15.0	- 6.8	-12.2	- 1.4	- 2.7	- 8.9	2
-10.9	-16.3	- 9.5	-13.6	-15.0	-17.7	-12.2	-10.9	- 6.8	- 5.4	- 2.7	-10.0	1
-19.1	- 9.5	- 9.5	-12.2	-10.9	-12.2	- 9.5	-13.6	- 6.8	- 6.8	- 5.4	- 9.6	1
-12.2	-16.3	- 9.5	-15.0	-15.0	-13.6	-10.9	- 8.2	- 9.5	- 6.8	- 5.4	-12.1	2
-13.6	-15.0	- 9.5	-19.1	-15.0	-10.9	-15.0	- 9.5	- 5.4	1.4	- 1.4	- 9.8	2
-	-	-	- 8.2	- 6.8	- 6.8	- 5.4	- 6.8	- 6.8	- 2.7	- 1.4	- 6.2	1
- 6.8	- 8.2	- 6.8	-13.6	-13.6	- 8.2	- 8.2	- 8.2	- 4.1	- 2.7	- 4.1	- 7.3	2
-15.0	-10.9	- 9.5	-12.2	-13.6	-16.3	-17.7	- 9.5	- 9.5	- 1.4	- 4.1	- 9.5	1
- 9.5	-12.2	- 8.2	- 8.2	-10.9	-10.9	-13.6	- 9.5	- 5.4	- 2.7	- 2.7	- 8.6	2
-13.6	-16.3	- 9.5	-17.7	-15.0	-12.2	-16.3	-13.6	-15.0	- 4.1	- 5.4	-14.3	2
- 8.2	- 6.8	- 9.5	- 9.5	- 6.8	- 8.2	- 9.5	- 6.8	- 2.7	1.4	1.4	- 7.5	1
- 8.2	- 5.4	- 9.5	-10.9	- 8.2	- 5.4	- 6.8	- 5.4	- 5.4	1.4	1.4	- 6.5	1
- 5.4	- 4.1	- 6.8	- 6.8	- 8.2	- 8.2	- 8.2	- 6.8	- 1.4	-10.9	-	- 5.7	2
-10.9	-10.9	- 9.5	-	-	-	-	--	- 6.8	- 4.1	- 6.8	- 8.3	2
- 8.2	- 9.5	- 9.5	- 8.2	- 9.5	-15.0	- 9.5	-10.9	- 8.2	- 1.4	- 1.4	- 7.7	1
- 8.2	- 2.7	- 2.7	- 5.4	- 6.8	- 6.8	- 9.5	- 8.2	- 4.1	1.4	- 1.4	- 5.9	1
-	-12.2	- 8.2	- 9.5	-10.9	- 9.5	-15.0	- 9.5	- 5.4	- 1.4	1.4	- 7.3	2
- 9.5	-12.2	- 6.8	- 6.8	-10.9	-12.2	-10.9	- 9.5	- 6.8	- 1.4	- 1.4	- 8.2	2
- 5.4	- 9.5	- 5.4	- 6.8	- 9.5	- 6.8	- 8.2	- 5.4	- 8.2	- 1.4	- 1.4	- 7.5	2
-13.6	- 9.5	-10.9	-13.6	-13.6	-10.9	- 8.2	-15.0	- 6.8	- 2.7	- 2.7	- 8.8	1
-12.2	- 9.5	-17.7	-24.5	-17.7	-16.3	-15.0	-12.2	- 9.5	- 5.4	- 6.8	-10.3	1
-19.1	-16.3	-20.4	-20.4	-24.5	-23.1	-28.6	-17.7	-20.4	-15.0	- 9.5	-15.5	2
-	-19.1	-13.6	-16.3	-19.1	-20.4	-19.1	-15.0	-16.3	- 5.4	- 5.4	-14.5	2
-15.0	-19.1	-12.2	-15.0	-16.3	-17.7	-15.0	-16.3	-16.3	- 6.8	- 5.4	-13.7	2
-12.0	-12.4	-10.2	-12.7	-12.6	-12.4	-12.7	-10.9	- 8.4	- 3.8	- 3.6	- 9.8	
- 2.2	- 2.6	- 0.4	- 2.9	- 2.8	- 2.6	- 2.9	- 1.1	1.4	6.0	6.2		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	65.0	64.9	64.9	64.9	65.1	66.7	66.2	66.8	66.8	66.8	66.6	66.5	66.2	65.6	65.2
2	66.2	65.8	65.6	65.6	65.7	66.1	66.4	66.6	66.3	65.9	65.5	64.7	64.2	63.6	63.1
3	63.0	62.8	62.7	63.0	62.8	62.8	62.5	62.8	62.6	62.3	62.9	61.4	61.0	60.2	59.4
4	59.1	58.5	57.8	58.1	57.8	57.9	57.9	57.6	57.5	56.8	56.3	55.8	54.8	54.0	53.3
5	52.5	51.8	50.6	50.3	50.3	50.3	50.2	49.2	48.3	47.5	46.1	45.1	44.0	43.0	42.1
6	42.4	43.2	44.2	45.0	46.1	47.5	48.7	49.5	49.7	50.5	50.8	51.1	51.3	51.4	51.6
7	57.5	57.5	57.6	57.5	58.3	58.6	59.1	58.6	59.3	59.1	59.7	60.1	59.9	60.1	60.2
8	62.3	62.3	62.0	61.6	62.0	62.2	62.6	63.2	63.2	63.4	63.3	63.2	62.9	62.4	61.8
9	62.1	61.8	61.4	61.2	61.1	61.1	61.5	61.8	61.8	61.8	61.8	61.3	60.9	60.4	59.9
10	61.1	60.9	60.5	60.5	60.6	61.0	61.3	61.8	62.0	61.9	61.9	61.7	61.3	60.9	60.4
11	60.9	60.4	60.3	60.2	60.4	60.8	61.0	61.2	61.3	61.3	61.2	60.6	60.0	59.5	59.0
12	58.4	58.2	58.0	58.1	58.2	58.5	58.7	58.8	58.6	58.3	58.1	57.5	57.0	56.3	56.2
13	58.4	58.2	58.0	58.1	58.3	58.3	58.7	58.8	58.6	58.3	58.2	57.9	57.3	56.5	55.5
14	53.9	53.5	52.6	52.1	51.6	50.9	50.9	50.8	51.0	50.3	49.7	49.3	48.3	48.0	47.3
15	50.7	49.7	49.6	49.6	49.6	50.4	50.7	51.1	51.2	50.7	51.0	50.7	50.3	50.2	49.9
16	51.0	51.0	51.1	51.4	51.6	52.1	52.6	52.8	52.8	52.8	52.8	53.1	53.2	53.2	53.4
17	56.3	56.2	56.1	56.2	56.5	56.9	57.0	57.1	57.0	56.6	56.1	55.5	54.8	54.2	53.6
18	48.5	49.6	50.3	50.1	50.9	52.3	53.1	53.8	53.8	54.5	54.5	54.8	54.8	55.2	55.2
19	58.9	58.4	58.1	57.6	57.5	57.7	57.9	58.6	58.6	58.9	58.3	57.8	57.2	57.6	58.0
20	62.4	62.5	62.6	62.9	63.3	63.6	64.0	64.0	63.9	64.0	63.8	63.3	62.8	62.4	62.2
21	61.7	61.3	60.8	60.5	60.1	60.1	60.4	60.4	60.1	59.9	59.6	58.9	58.6	58.0	57.6
22	59.3	59.6	59.8	60.2	60.6	61.0	61.3	61.4	61.3	61.2	60.9	60.2	59.7	59.2	58.8
23	58.0	57.8	57.5	57.4	57.5	57.8	57.8	57.6	57.4	57.3	56.6	56.0	55.4	55.0	54.7
24	60.1	60.2	60.5	60.9	61.2	61.9	62.2	62.4	62.1	61.9	61.7	61.5	61.4	61.2	61.0
25	61.1	60.7	60.6	60.6	60.6	60.9	60.9	60.9	60.7	60.4	60.1	59.4	58.5	58.1	57.5
26	57.8	57.6	57.5	57.8	58.1	58.5	58.7	58.8	58.8	58.7	58.4	58.2	57.9	57.0	56.9
27	56.9	56.8	57.1	57.1	57.4	58.4	58.8	58.6	58.8	59.2	58.2	57.9	57.2	58.2	57.9
28	58.9	58.9	59.1	59.5	60.3	60.9	61.4	61.7	61.6	61.6	61.6	61.4	61.3	61.3	61.4
29	63.6	63.3	63.4	63.5	63.7	64.0	64.1	64.0	63.1	62.9	62.6	61.8	61.6	61.2	61.5
30	63.4	63.2	63.2	63.2	63.3	63.9	64.2	64.3	64.2	64.1	63.8	63.4	63.0	62.7	62.2
31	63.2	63.1	63.2	63.1	63.4	63.8	64.0	64.2	64.1	64.0	63.7	63.3	63.0	62.6	62.3
Prom	58.5	58.4	58.3	58.3	58.5	58.9	59.2	59.3	59.2	59.1	58.9	58.5	58.0	57.7	57.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.8	10.2	10.0	9.1	8.3	8.4	10.8	14.2	16.2	18.0	19.5	19.8	20.1	20.2	20.4
2	12.1	12.1	12.0	11.3	10.4	9.9	12.4	14.6	16.5	18.3	18.9	19.2	19.5	19.8	19.7
3	13.4	12.7	12.3	11.8	11.6	11.8	12.3	13.7	14.8	15.8	16.6	18.6	19.7	20.8	21.1
4	16.1	15.8	15.1	14.8	14.7	14.7	14.8	15.3	15.5	17.1	18.2	18.7	19.3	20.3	21.4
5	16.2	16.1	15.4	15.1	14.9	14.4	14.3	14.4	14.0	14.0	14.0	14.0	14.0	14.0	14.1
6	12.4	12.4	12.5	11.9	11.9	11.1	11.3	12.4	14.2	15.1	16.8	17.0	17.5	18.3	18.0
7	9.4	9.6	9.8	9.8	10.0	10.4	11.8	12.8	12.3	12.6	12.6	12.8	12.8	13.0	12.9
8	9.5	8.6	7.9	7.3	6.6	6.4	8.1	10.7	12.5	13.6	14.9	15.4	16.0	16.2	16.2
9	6.6	6.6	6.5	6.1	6.4	6.9	8.4	11.8	13.9	15.8	16.6	17.6	17.7	18.4	18.4
10	8.6	8.9	9.0	9.3	9.3	9.4	11.9	15.7	18.1	19.5	20.7	21.5	22.5	21.6	22.2
11	10.8	10.9	11.2	11.4	11.4	10.6	13.6	17.2	19.1	20.2	21.9	20.5	22.3	23.0	23.0
12	14.3	13.7	13.6	13.4	13.0	13.1	15.4	18.5	20.5	21.4	22.7	23.8	24.8	25.2	24.9
13	13.9	14.0	14.3	14.3	14.3	14.3	14.7	18.0	20.8	22.3	23.6	24.1	24.1	24.2	24.9
14	16.7	16.8	16.9	16.9	17.0	17.2	18.2	19.5	19.4	19.3	19.3	19.9	21.8	22.6	22.6
15	17.7	13.7	13.6	13.1	12.1	11.4	13.2	14.9	15.6	16.4	18.0	19.2	20.4	20.8	20.6
16	10.6	10.7	11.2	11.3	11.2	10.3	11.9	16.3	18.1	19.1	19.6	17.8	15.4	14.8	16.4
17	9.5	9.4	8.3	7.6	7.6	7.0	9.0	13.4	15.5	16.7	17.3	18.3	18.7	19.4	19.5
18	16.9	15.6	11.9	11.7	11.8	11.9	10.6	12.6	12.5	13.3	13.9	14.0	14.0	14.0	13.7
19	3.3	3.5	3.8	4.0	4.2	5.1	9.8	11.7	12.2	12.7	13.7	13.5	14.7	12.6	8.8
20	5.4	5.1	4.3	3.4	3.6	3.8	6.0	9.8	12.4	14.3	15.4	16.3	17.0	17.2	17.7
21	7.9	7.9	7.9	8.0	8.0	8.3	11.1	14.8	16.4	18.1	19.3	20.2	21.9	22.0	21.9
22	13.8	12.4	10.9	10.5	10.3	10.0	13.6	18.6	19.7	21.6	23.3	24.6	25.0	25.6	25.5
23	15.0	14.9	14.7	14.7	14.8	14.6	16.7	19.7	21.8	24.0	25.3	25.9	26.6	26.7	26.7
24	9.7	9.0	8.1	7.9	6.8	6.8	8.7	11.2	12.5	14.0	15.5	16.6	17.8	18.6	18.2
25	5.4	4.6	4.1	4.2	3.8	3.8	9.9	14.2	15.5	16.7	18.9	20.2	21.1	21.8	21.7
26	12.6	12.6	11.3	11.3	11.1	11.5	13.3	16.8	19.3	21.5	22.9	24.3	24.6	24.7	24.6
27	16.8	16.7	15.1	14.2	12.6	13.1	13.5	15.1	15.3	15.4	15.4	15.5	16.2	17.4	18.2
28	11.2	11.6	11.8	11.9	11.9	11.8	12.6	14.8	14.8	16.7	19.2	19.3	18.8	18.7	18.7
29	10.6	10.7	10.8	10.9	10.1	10.1	10.1	10.3	11.9	13.9	14.3	14.9	16.2	16.1	14.6
30	10.7	10.8	11.0	10.4	9.6	9.1	9.3	11.8	13.1	14.1	15.4	16.0	16.8	17.4	17.7
31	7.8	6.9	6.2	5.4	4.8	4.9	12.3	15.6	16.7	17.6	18.1	18.3	19.0	19.4	19.2
Prom	11.4	11.1	10.7	10.4	10.1	10.1	11.6	14.5	15.8	17.1	18.1	18.6	19.2	19.5	19.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
65.2	65.3	65.5	65.8	66.2	66.5	66.0	66.1	66.2	66.8	8,9,10	64.9	2,3,4	1.9	765.9 mm.	1021.2 mb.
62.8	62.7	62.6	62.8	63.2	63.1	63.0	62.9	62.9	66.6	8	62.6	18	4.2	64.4	1019.2
59.2	59.1	59.0	59.2	59.4	59.5	59.5	59.4	59.5	63.0	1,4	59.0	18	4.0	61.1	1014.8
53.1	52.6	52.5	52.7	53.3	53.5	53.8	53.8	53.3	59.5	0	52.5	18	7.0	55.5	1007.3
41.4	41.2	41.0	41.2	41.4	41.5	41.6	41.6	41.9	53.3	0	41.0	18	12.3	45.6	994.1
52.5	52.9	53.9	54.9	55.8	56.5	56.8	57.5	57.6	57.6	24	51.9	0	15.7	50.9	1001.2
60.2	60.4	61.1	61.8	62.2	62.5	62.9	63.0	62.5	63.0	23	57.4	1,2	5.6	60.0	1013.3
61.6	61.5	61.7	62.0	62.8	62.9	62.8	62.6	62.4	63.4	10	61.5	17	1.9	62.4	1016.5
59.7	59.8	60.0	60.2	60.8	61.2	61.2	61.2	61.2	62.4	0	59.7	16	2.7	61.0	1014.6
60.0	59.9	60.1	60.2	60.4	61.3	61.4	60.9	61.0	62.0	9	59.9	17	2.1	61.0	1014.6
58.5	58.3	58.2	58.3	58.4	58.4	58.5	58.4	58.5	61.3	9,10	58.2	18	3.1	59.7	1012.9
56.1	56.0	56.2	56.6	56.8	57.3	58.0	58.3	58.3	58.8	8	56.0	17	2.8	57.6	1010.1
55.2	55.0	55.0	55.1	55.3	55.2	54.9	54.7	54.4	58.8	8	54.4	24	4.4	56.8	1009.0
46.9	47.4	47.6	47.9	50.0	50.8	50.1	50.7	50.7	54.4	0	46.9	16	7.5	50.1	1000.1
49.9	50.5	50.8	51.1	51.6	51.9	51.8	51.5	51.0	51.9	21	49.5	2-3	2.4	50.6	1000.8
52.1	52.1	52.6	55.0	56.0	56.2	56.6	56.2	56.2	56.6	22	50.8	0-1	5.8	53.2	1004.2
52.9	52.4	52.1	51.8	51.5	51.2	50.3	48.3	46.9	57.1	8	46.9	24	10.2	54.1	1005.4
55.7	56.5	57.3	58.6	59.4	59.6	59.9	59.7	59.3	60.0	22-23	46.8	0-1	13.2	54.9	1006.5
57.7	58.1	59.0	59.5	60.3	61.2	61.6	61.9	62.2	62.2	24	57.1	4-5	5.1	58.8	1011.7
62.2	62.2	62.4	62.9	61.3	63.2	62.8	62.5	62.1	64.0	7-8	61.0	23	3.0	62.9	1017.2
57.5	57.5	57.6	58.0	58.6	59.0	59.1	59.3	59.5	61.8	0	57.5	16-17	4.3	59.3	1012.4
58.3	58.4	58.5	58.6	58.8	58.8	58.7	58.6	58.4	61.4	8	58.3	16	3.1	59.6	1012.8
54.8	55.2	56.3	57.1	57.9	58.5	59.1	59.6	60.0	60.0	24	54.7	15	5.3	57.2	1009.6
60.7	60.8	60.9	61.3	61.4	61.5	61.6	61.7	61.6	62.4	8	60.8	24	1.6	61.3	1015.0
57.4	57.0	57.1	57.6	58.0	58.2	58.3	58.2	58.1	61.6	0	57.0	17	4.6	59.2	1012.1
56.7	56.7	56.6	56.6	57.2	57.4	57.5	57.6	57.5	58.8	8-9	56.6	18,19	2.2	57.7	1010.2
57.4	57.1	57.2	57.2	57.9	58.2	58.6	58.5	59.0	59.3	10-11	56.8	2	2.5	57.9	1010.5
61.7	62.0	62.6	63.3	63.4	63.7	64.0	64.1	64.2	64.2	0	58.9	1,2	5.3	61.7	1015.6
61.8	61.9	62.3	62.7	63.2	63.6	63.8	63.8	63.7	64.1	7	61.2	14	2.9	63.0	1017.3
62.0	61.9	62.1	62.4	62.9	63.3	63.2	63.4	63.4	64.3	8	61.9	17	2.4	63.2	1017.6
62.1	62.0	62.0	62.3	62.6	62.7	63.0	63.1	63.4	64.2	8	62.0	18,19	2.2	63.1	1017.4
57.2	57.2	57.5	57.9	58.3	58.6	58.7	58.7	58.6	60.8		55.9		4.9	58.4	1011.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
19.9	18.5	16.3	14.7	14.0	13.2	13.1	13.0	12.9	20.4	15	9.8	8	10.6	14.6
19.9	18.8	17.1	15.3	14.8	14.8	14.9	14.5	14.1	19.9	16	9.9	6	10.0	15.4
21.0	20.4	19.1	18.0	17.3	17.3	17.4	16.8	16.1	21.0	16	11.6	5	9.4	16.3
21.1	20.3	20.0	19.3	18.4	18.0	17.8	17.1	16.2	21.4	15	14.7	5,6	6.7	17.5
14.1	14.1	13.6	13.6	13.6	13.7	13.0	12.8	12.4	16.2	0,1	12.4	24	3.8	14.2
17.3	15.8	14.0	13.0	12.2	11.3	10.4	10.4	9.2	18.3	14	9.2	24	9.1	13.6
12.6	12.2	11.6	10.7	10.1	9.9	9.7	9.3	9.4	13.0	14	9.2	0	3.8	11.2
16.1	15.7	13.7	11.0	10.2	9.1	7.5	6.5	6.5	16.3	14-15	6.4	6	9.9	11.1
18.3	17.8	16.3	13.2	10.2	9.8	9.1	8.7	8.4	18.4	14-15	6.1	4	12.3	12.1
22.1	21.6	19.3	16.8	15.2	14.9	13.1	12.7	11.3	22.5	13	8.4	0	14.1	15.6
22.7	21.5	19.3	16.1	15.0	14.4	14.1	14.3	14.4	23.0	14-15	10.0	5-6	13.0	16.6
24.5	23.8	21.4	19.2	17.6	17.0	15.6	14.1	13.7	25.2	14	13.0	5	12.2	18.6
24.8	23.4	21.8	19.3	19.3	17.4	17.3	17.3	17.1	24.9	15	13.7	5	11.2	19.1
22.4	21.9	20.4	19.0	18.2	15.2	14.1	12.6	12.6	22.8	15-16	12.6	23,24	10.2	18.4
20.4	19.7	18.1	17.0	15.0	14.2	13.6	12.4	11.8	20.8	15	11.4	6	9.4	16.0
16.2	15.2	14.5	10.5	10.0	10.0	10.1	10.2	10.0	19.6	11	10.0	20,21,24	9.6	13.4
19.5	18.8	16.9	15.0	15.0	15.2	15.1	15.6	17.1	19.5	15,16	7.0	6	12.5	14.4
13.0	12.3	9.7	8.6	7.5	6.7	6.0	5.2	3.9	17.6	0-1	3.9	24	13.7	11.3
10.5	11.0	10.1	9.1	8.2	6.6	5.1	5.0	5.2	14.4	13-14	3.3	1	11.1	8.5
17.5	17.3	15.1	11.9	10.0	9.2	9.1	8.9	8.3	17.7	15	3.4	4	14.3	10.8
21.9	21.2	19.1	17.1	15.6	15.0	14.5	14.1	14.2	22.0	14	7.9	1,2,3	14.1	15.3
25.3	24.8	21.8	19.7	18.2	17.5	16.6	16.4	15.7	25.6	15	10.0	6	15.6	18.4
26.5	21.9	18.6	16.8	15.7	14.8	14.6	13.3	11.6	26.7	14-15	11.6	24	15.1	19.0
17.7	16.1	14.1	12.6	11.0	9.5	8.0	7.1	6.3	18.6	14	6.8	5,6	11.8	11.8
21.5	20.6	18.4	16.1	14.4	13.4	12.9	12.5	12.7	21.8	14	3.8	5,6	18.0	13.7
24.4	23.3	20.9	19.2	18.8	17.9	17.2	17.0	17.0	24.7	14	11.1	5	13.6	18.2
18.5	18.3	17.7	15.9	14.6	13.4	12.2	11.4	11.3	18.5	16	11.3	24	7.2	15.2
17.7	17.2	15.3	14.5	14.0	12.7	11.3	11.0	11.0	19.3	12	11.0	23,24	8.3	14.5
13.6	13.1	12.1	11.3	11.0	11.1	11.3	11.1	10.8	16.2	13	10.1	5,6,7	6.1	12.1
17.7	17.4	16.7	15.4	14.5	13.6	11.8	10.1	8.9	17.7	15,16	9.1	6	8.6	13.3
19.0	18.5	17.0	14.4	14.0	13.6	13.7	13.5	13.4	19.4	14	4.5	5-6	14.9	13.7
19.3	18.5	16.8	15.0	14.0	13.2	12.6	12.1	11.7	20.1		9.1		11.0	14.6

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	92	87	90	96	98	99	85	75	67	60	51	49	45	48	46
2	88	90	90	91	93	93	88	74	54	48	57	53	53	49	44
3	73	75	78	83	85	85	82	74	68	66	65	60	58	55	55
4	86	86	87	88	89	85	82	76	74	68	65	62	63	63	59
5	94	91	90	87	85	86	86	86	88	90	91	94	96	98	97
6	91	90	91	91	89	87	84	72	68	67	60	54	46	44	46
7	81	83	85	86	78	67	51	50	64	69	73	71	73	74	73
8	91	94	96	96	97	97	83	72	64	56	54	51	43	40	43
9	90	89	87	85	84	79	77	67	55	48	44	39	32	35	36
10	89	89	90	88	95	94	85	69	61	56	53	51	48	53	48
11	98	98	98	96	96	95	90	76	61	60	58	62	61	58	51
12	82	89	83	87	88	86	78	69	55	53	54	48	41	40	39
13	91	93	88	93	94	91	90	84	75	63	58	52	54	50	44
14	93	88	81	76	79	84	75	74	80	81	77	68	66	62	61
15	88	88	91	95	97	98	88	81	78	73	67	62	56	55	53
16	96	96	97	96	96	96	96	77	62	46	45	51	61	66	56
17	88	87	92	94	89	90	81	60	48	41	41	38	35	36	39
18	90	99	100	100	100	100	79	63	56	56	55	48	41	40	45
19	97	97	97	96	93	95	79	77	58	57	54	53	50	61	65
20	86	89	95	97	98	95	86	79	70	63	60	55	53	51	46
21	91	91	95	92	91	90	75	60	48	43	42	37	32	29	33
22	86	92	97	97	98	98	86	64	57	51	48	49	46	43	41
23	93	90	90	92	94	92	79	68	63	53	46	41	37	38	36
24	92	95	94	95	96	95	82	75	70	63	56	51	51	49	60
25	99	100	100	100	100	100	100	76	70	61	55	49	43	45	46
26	75	75	76	76	77	78	73	66	59	51	46	43	42	44	45
27	62	64	74	80	79	84	82	81	81	89	95	96	80	78	76
28	99	99	100	99	99	98	97	93	92	82	73	74	80	77	77
29	90	91	90	94	96	96	95	93	87	76	75	75	70	73	88
30	92	94	92	88	92	93	91	80	69	63	54	53	51	50	49
31	98	99	98	98	98	98	81	64	52	50	46	48	46	46	44
Prom.	89	90	91	91	92	91	83	73	66	61	59	56	53	53	53

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	8.0	8.0	7.8	8.0	7.8	7.8	7.8	9.0	9.0	8.5	8.5	8.0	7.4	8.6	8.5
2	9.0	9.0	9.0	9.0	8.5	8.0	9.0	9.1	7.2	7.4	9.0	8.5	8.5	8.4	7.2
3	8.0	7.8	8.0	8.5	8.0	8.5	8.5	8.7	8.5	9.0	8.5	9.0	9.5	9.9	9.5
4	11.5	11.5	11.0	11.0	10.5	10.0	10.0	9.9	9.5	9.5	9.5	10.0	10.0	11.2	10.5
5	12.5	13.0	11.0	10.0	10.0	10.5	10.5	10.6	10.0	10.0	11.0	11.0	11.5	11.6	11.5
6	9.5	9.0	10.0	9.5	9.0	8.5	8.0	7.7	8.0	7.6	8.0	7.6	7.0	7.0	7.2
7	7.2	7.4	7.4	7.8	7.0	6.2	5.4	5.6	6.6	6.6	7.2	7.8	7.8	8.2	7.8
8	8.0	7.6	7.6	7.4	7.0	7.0	6.6	6.9	6.6	6.6	6.6	6.8	5.8	5.5	5.8
9	6.8	6.6	7.0	7.0	7.2	7.2	7.2	6.9	7.4	7.6	7.4	7.8	6.4	5.6	6.6
10	7.2	7.4	7.4	7.6	8.0	8.0	8.5	9.1	9.5	9.5	9.5	9.5	10.0	10.1	9.5
11	9.0	9.0	9.5	9.5	9.5	9.5	10.0	11.1	10.0	10.0	11.0	11.0	12.5	12.0	11.0
12	10.0	10.0	9.5	10.0	9.5	9.5	10.0	11.0	9.5	10.0	10.5	10.0	10.0	9.7	8.5
13	10.5	10.5	10.5	11.0	11.0	11.0	10.5	12.9	13.0	12.5	12.5	11.5	11.5	11.2	10.0
14	13.0	12.0	11.5	11.0	11.0	12.0	11.0	12.5	13.0	13.5	13.0	11.5	13.0	12.5	12.5
15	13.0	10.0	10.5	10.5	10.0	9.5	9.5	12.3	10.0	10.0	10.0	10.0	10.0	10.0	9.5
16	9.0	9.0	9.5	9.5	9.5	9.0	10.0	10.6	9.5	7.8	7.2	7.8	8.0	8.3	7.8
17	7.8	7.6	7.6	7.2	6.8	6.6	7.0	6.9	6.2	6.0	6.2	5.8	5.2	6.0	6.2
18	12.5	12.5	10.0	10.0	10.0	10.0	7.4	6.9	6.2	6.4	6.2	5.6	5.0	4.9	5.0
19	5.6	5.6	5.8	5.8	5.6	6.0	7.0	7.9	6.0	6.2	6.0	6.0	5.8	6.6	5.2
20	5.8	5.6	5.6	5.6	5.6	5.4	6.0	7.2	7.2	7.6	7.4	7.2	7.6	7.4	7.2
21	7.2	7.2	7.6	7.4	7.4	7.0	7.6	7.5	6.6	6.6	7.0	6.6	6.4	5.7	6.4
22	10.0	9.5	8.5	9.0	9.0	8.5	10.0	10.2	9.5	10.0	10.0	11.0	11.0	10.4	10.0
23	11.5	11.0	10.5	11.5	11.5	11.0	11.0	11.7	12.0	11.5	11.5	10.5	9.5	9.8	9.5
24	8.0	7.8	7.4	7.2	7.2	6.8	6.8	7.6	7.2	8.0	7.6	7.4	7.8	7.8	9.0
25	6.4	6.2	6.0	6.0	5.8	5.8	8.5	9.1	8.5	8.5	8.5	8.5	7.8	8.8	9.0
26	7.8	7.8	7.6	7.6	7.6	7.8	8.0	9.4	9.5	10.0	9.5	9.5	9.5	10.0	9.5
27	8.5	8.5	9.0	9.0	8.0	9.0	9.5	10.4	10.5	11.0	12.0	12.5	10.5	11.5	12.0
28	9.5	9.5	10.0	10.0	10.0	10.0	10.5	11.7	11.5	11.5	12.0	12.0	12.5	12.3	12.5
29	8.0	8.0	8.0	8.5	9.0	9.0	8.5	8.6	9.0	9.0	8.5	9.0	9.0	9.9	10.5
30	8.5	8.5	9.0	8.0	8.0	7.8	8.0	8.3	7.6	7.4	6.6	7.0	7.4	7.4	7.2
31	7.6	7.2	6.8	6.4	6.2	6.2	8.5	8.5	7.4	7.0	7.4	7.4	7.8	7.9	7.0
Prom.	8.9	8.7	8.6	8.6	8.4	8.3	8.6	9.2	8.8	8.8	8.9	8.8	8.8	8.9	8.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
52	62	70	78	83	86	85	86	87	99	6	39	13-14	60	74
48	51	61	74	82	78	69	70	71	93	6	41	15-16	52	70
56	61	67	76	80	81	84	88	90	90	24	55	14,15	35	73
63	66	66	70	77	76	80	95	94	95	23	59	15	36	76
97	96	95	94	93	92	92	91	90	98	14	86	5	13	92
45	47	57	65	67	76	79	81	86	91	1,3,4	42	14-15	49	70
70	75	81	90	91	95	94	92	90	95	21	44	7-8	51	77
44	46	54	76	72	79	90	93	93	97	5,6	40	14	57	72
37	43	53	80	84	93	96	97	92	97	23	32	13	65	58
50	53	67	83	88	91	94	93	97	96	20-21	48	13,15	48	74
45	52	71	86	93	96	87	78	81	98	1,2,3	42	15-16	56	77
48	56	66	76	77	78	87	93	96	96	24	38	14-15	58	70
42	53	51	60	84	86	85	89	94	96	0	37	15-16	59	74
66	73	82	86	82	88	93	96	98	98	24	59	14-15	39	80
52	70	75	80	82	90	92	93	96	98	6	50	15-16	48	79
63	69	75	85	92	95	79	85	86	97	3	41	11-12	56	78
40	47	57	68	68	64	80	77	71	94	4	35	13	59	64
50	55	73	79	85	87	89	94	96	100	3,4,5,6	39	13-14	61	74
70	61	58	68	72	89	97	91	88	98	1-2	45	13-14	53	76
45	40	53	76	84	87	82	85	88	98	5	40	17	58	73
37	45	58	69	76	78	84	87	87	95	3-4	28	13-14	67	65
46	53	60	68	72	75	75	75	82	98	5,6	35	14-15	63	69
43	59	65	68	73	76	74	76	80	94	5	35	13-14	59	68
63	67	71	77	80	79	89	83	90	96	5	44	13-14	52	76
47	50	58	67	76	80	80	81	73	100	2-7	42	13-14	58	73
46	48	61	62	59	65	67	64	63	79	5-6	40	13-14	39	61
76	76	83	89	93	97	98	98	98	98	22,23,24	62	1	36	84
82	81	88	87	86	89	95	92	90	100	3	73	11	27	89
98	97	96	92	92	93	89	81	84	96	5,6	69	12-13	27	88
45	50	55	73	82	85	94	96	97	97	24	45	16	52	74
39	44	51	57	71	80	84	86	86	98	1-6	39	16	59	69
55	60	67	76	80	84	86	87	88	96		46		50	74

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	9.5	9.0	9.5	9.9	9.5	9.5	9.5	9.5	9.9	20	7.4	13	2.5	8.6
8.0	8.5	9.0	9.0	10.3	9.5	8.5	8.0	8.0	10.3	20	7.2	9,15	3.1	8.7
10.5	11.0	11.0	11.5	11.7	12.0	12.0	12.5	12.0	12.5	23	8.0	1,3,5	4.5	9.8
11.5	12.0	11.5	11.0	12.1	11.5	11.5	13.0	12.5	13.0	23	9.5	9-11	3.5	10.9
11.5	11.5	10.5	10.5	10.8	10.5	10.0	10.0	9.0	13.0	2	9.0	24	4.0	10.7
6.2	6.4	6.8	7.0	7.1	7.6	7.2	7.6	7.6	10.0	3	6.2	16	3.8	7.8
7.4	7.6	8.0	8.0	8.4	8.0	8.0	8.0	7.6	8.4	20	5.4	7	3.0	7.4
5.8	6.2	6.0	7.4	6.7	6.6	6.6	6.6	6.6	8.0	1	5.5	14	2.5	6.7
7.2	7.2	8.5	7.0	7.8	7.4	7.6	7.6	7.6	8.5	18	5.6	14	2.9	7.2
9.5	10.0	11.0	11.5	11.3	11.5	10.0	10.0	9.5	11.5	19,21	7.2	1	4.3	9.4
8.5	10.0	12.0	12.0	11.9	11.5	10.5	9.0	10.0	12.5	13	8.5	16	4.0	10.4
10.5	12.5	12.5	12.5	11.5	11.0	11.5	11.0	11.0	12.5	17-19	8.5	15	4.0	10.5
11.0	10.0	9.5	9.5	12.6	12.5	12.0	12.5	13.5	13.5	24	9.5	18,19	4.0	11.4
13.5	14.0	14.5	14.0	12.8	11.0	11.0	10.5	10.5	13.5	10,16	11.0	varios	2.5	12.3
9.0	11.5	11.0	11.0	10.5	10.5	10.5	9.5	10.0	13.0	1	9.0	16	4.0	10.3
8.5	8.5	8.5	7.8	8.4	8.5	7.0	7.6	7.8	10.6	8	7.2	11	3.4	8.5
6.2	7.6	8.0	8.5	8.6	8.0	9.5	10.0	10.5	10.5	24	5.2	13	5.3	7.3
5.2	5.6	6.4	6.4	6.6	6.4	6.0	6.0	5.8	12.5	1,2	5.0	13,14	7.5	7.2
6.4	6.0	6.0	5.8	5.9	4.8	6.4	6.0	5.8	7.9	8	4.8	21	3.1	6.0
6.2	5.4	6.6	7.8	7.8	7.6	7.0	7.0	7.0	7.8	19,20	5.4	6,17	2.4	6.7
7.2	7.8	9.0	9.5	10.1	9.5	10.0	10.5	10.5	10.0	22	6.6	9,10,12	3.4	7.8
11.5	12.0	11.0	11.5	11.3	10.5	10.0	10.0	11.0	12.0	17	8.5	3,6	3.5	10.2
11.0	11.0	10.0	9.5	9.6	9.5	9.0	8.5	7.8	12.0	9	7.8	24	4.2	10.4
9.0	9.0	8.5	8.0	7.8	6.8	7.0	6.2	6.2	9.0	15-17	6.2	23,24	2.8	7.6
9.0	8.5	9.0	9.5	9.3	9.0	8.5	8.5	7.8	9.5	19	5.8	5,6	3.7	8.2
10.5	10.0	11.5	10.5	9.5	9.5	9.5	9.0	9.0	11.5	18	7.6	3-5	3.9	9.2
12.0	12.0	13.0	11.5	11.5	11.0	10.0	9.5	9.5	13.0	18	8.5	1,2	4.5	10.5
12.0	12.0	11.0	10.5	10.2	9.5	9.0	9.0	9.0	12.5	13,15	9.5	1,2	3.0	10.8
11.0	11.0	10.0	9.0	8.9	9.0	8.5	8.0	7.8	11.0	16,17	8.0	1-3,23	3.0	9.0
6.4	7.0	7.4	9.0	10.0	9.5	9.5	9.0	8.0	10.0	20	6.6	10	3.4	8.0
6.2	6.6	7.6	7.0	8.5	9.0	9.5	10.0	10.0	10.0	23,24	6.2	5,6,16	3.8	7.6
8.9	9.3	9.5	9.4	9.6	9.3	9.1	9.0	9.0	11.0		7.3		3.7	8.9

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	E	7	E	9	E	7	E	7	E	7	E	5	NE	7	NE	12	N	8	N	8	NE	10	NE	12	NE	12	NE	11	NE	16
2	E	9	E	9	NE	13	NE	12	NE	10	NE	10	NE	12	NE	16	NE	20	NE	18	NE	22	E	15	NE	23	NE	20	NE	22
3	NE	17	NE	15	NE	13	NE	11	NE	13	NE	12	E	16	NE	21	NE	21	NE	23	NE	20	NE	17	NE	16	NE	20	NE	15
4	NE	15	NE	16	NE	16	NE	14	NE	14	NE	14	NE	15	NE	17	NE	25	NE	20	NE	20	NE	19	NE	17	E	13	E	15
5	E	4	E	7	E	8	E	8	E	11	SE	5	SE	3	SE	3	SE	4	S	10	S	12	S	16	S	14	S	13	S	14
6	S	28	S	26	S	24	S	22	S	22	S	22	S	18	S	16	S	20	S	20	S	22	SW	22	SW	24	SW	22	SW	22
7	W	10	NW	10	NW	10	NW	8	W	10	W	8	NW	14	N	15	N	11	N	14	NW	9	NW	12	NW	13	NW	14	NW	18
8	NW	6	NW	6	NW	6	W	7	SW	7	SW	6	S	4	S	8	S	9	S	8	S	9	SW	8	SW	6	SW	7	W	5
9	N	9	N	9	N	10	N	10	N	10	NW	10	NW	10	NW	12	NW	9	NW	12	NW	14	W	15	W	14	W	14	W	14
10	N	6	N	8	N	9	N	9	N	6	N	10	N	9	N	12	NW	21	NW	20	NW	22	NW	20	NW	18	NW	12	W	13
11	SE	4	E	5	E	5	E	5	NE	4	NE	4	Calma	1	NE	6	N	13	N	12	NW	14	NW	7	NW	8	NW	10	NW	5
12	N	10	N	10	NW	8	NW	11	NW	9	N	8	N	7	NW	8	N	13	N	13	N	15	N	16	N	16	N	19	N	23
13	SW	4	SW	2	S	3	S	6	S	7	E	9	S	6	S	3	E	8	NE	7	N	6	N	8	N	11	N	8	NE	7
14	E	7	E	5	E	7	E	10	E	12	E	12	E	19	E	14	NE	10	NE	10	NE	6	N	3	E	5	N	7	NE	4
15	S	12	S	18	S	9	S	7	Calma	1	S	2	S	2	S	6	S	11	S	12	S	9	S	9	S	9	S	9	S	7
16	W	2	SW	3	SW	5	SW	3	Calma	1	Calma	0	Calma	1	S	3	SW	5	SW	8	SW	9	SW	10	N	9	NE	11	W	5
17	NW	9	NW	10	NW	11	NW	9	NW	6	NW	6	NW	9	NW	9	W	11	W	11	NW	17	NW	19	NW	18	NW	18	N	15
18	N	28	NW	26	SW	20	S	7	N	7	NW	10	W	12	W	18	W	26	W	25	W	26	W	25	W	26	W	28	W	25
19	NW	4	N	5	N	9	N	8	N	7	N	11	N	20	N	23	N	26	N	26	N	30	N	28	N	34	NW	38	W	22
20	W	8	W	7	W	5	W	7	W	6	W	4	W	4	SW	5	W	8	W	11	W	9	W	12	W	11	W	11	W	5
21	N	5	N	7	N	9	N	11	N	10	N	13	N	13	N	18	N	26	N	24	N	26	N	28	N	22	N	22	N	20
22	N	11	N	3	Calma	1	NW	4	Calma	1	Calma	1	SE	2	E	3	N	6	N	8	N	9	N	10	N	13	N	13	N	11
23	NE	8	NE	9	NE	9	N	10	N	10	N	12	N	13	N	18	N	18	N	16	N	18	N	22	N	22	N	24	NW	17
24	S	13	S	10	S	8	S	8	S	6	S	6	S	10	S	12	S	12	S	10	S	10	S	6	S	9	S	9	SE	1
25	Calma	1	Calma	1	Calma	0	Calma	0	Calma	0	Calma	1	SE	2	E	13	NE	16	NE	13	NE	10	NE	13	NE	14	NE	16	N	1
26	NE	12	NE	6	NE	9	NE	9	NE	9	NE	9	NE	14	NE	12	NE	14	NE	16	NE	16	NE	12	NE	16	E	16	E	2
27	NE	16	NE	18	NE	13	NE	5	N	3	NE	7	NE	7	NE	10	NE	15	NE	14	N	17	N	19	NE	25	NE	7	NE	
28	S	2	S	3	S	3	S	3	S	3	S	3	S	6	S	6	S	9	S	5	S	6	S	8	S	10	S	11	S	1
29	S	8	S	7	S	6	S	8	S	7	S	10	S	10	S	7	S	11	S	9	S	6	S	6	S	6	S	6	S	
30	S	5	S	5	S	7	S	6	S	5	S	5	S	6	S	6	S	11	S	10	S	10	S	9	S	8	S	7	S	
31	S	2	S	3	S	4	Calma	1	S	3	S	3	E	4	E	14	E	17	E	14	E	10	E	12	E	13	E	14	E	
DIRECCIÓN PREVALENTE	S		S		S		S		N S		S		S		NE		N		N NE S		S		N		NE N		N NE S		N	
NÚMERO DE HORAS	7		7		8		8		7		7		8		7		8		8		8		8		7		6		7	
PROM. HOR. DE LA VELOCIDAD		9		9		9		8		7		8		9		11		14		14		14		14		15		14		

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NE	14	E	12	NE	10	E	8	E	8	E	6	E	9	E	9	E	9	E	13	9	29	NE	14.52
NE	21	NE	15	E	13	E	11	E	15	E	13	E	18	NE	18	NE	18	NE	16	16	36	NE	14.30
E	16	E	13	E	10	E	10	E	9	E	10	E	13	E	14	E	12	NE	14	15	35	NE	9.32
E	13	E	11	E	11	E	11	E	4	E	7	E	16	NE	14	NE	9	NE	15	14	35	NE	7.56
S	16	S	18	S	22	S	24	S	24	S	32	S	30	S	34	S	32	S	15	15	78	S	23.39
SW	22	SW	16	SW	12	SW	9	W	9	W	9	W	10	W	11	W	8	S	11	18	75	S	1.16
NW	20	N	18	N	12	N	9	N	9	N	6	N	8	N	8	NW	8	NW	11	11	36	N	15.40
W	7	W	7	W	4	NW	4	W	7	SW	4	W	3	NW	3	NW	8	W	7	6	27	SW	19.50
W	10	W	8	NW	3	NW	2	Calma	1	N	2	N	3	N	3	N	5	N	9	9	38	W	12.03
W	10	W	4	Calma	1	Calma	0	Calma	1	SE	4	W	9	E	8	Calma	1	N	8	10	42	NW	10.26
N	14	N	12	N	9	E	5	E	5	E	7	E	10	E	12	N	10	E	8	8	28	NW	10.43
N	14	N	12	N	8	N	4	N	7	NE	9	NW	3	Calma	0	Calma	1	N	16	10	35	N	14.36
NE	9	E	10	E	9	E	7	E	11	E	14	E	15	E	10	E	10	E	9	8	24	E	21.16
N	6	N	6	NW	4	W	5	W	7	SW	13	SW	7	SW	16	SW	14	E	9	9	42	SW	20.41
S	6	S	6	E	6	S	3	Calma	1	Calma	0	E	4	E	2	Calma	1	S	17	6	36	S	1.24
N	6	NE	11	N	6	SW	16	SW	10	SW	2	SW	10	W	6	NW	7	SW	11	6	63	SW	18.39
N	14	N	15	N	8	NE	7	NE	11	NE	17	NE	18	NE	21	NE	26	NW	12	13	42	NE	23.58
W	21	W	20	W	17	W	9	W	6	W	5	W	6	W	5	NW	2	W	17	17	62	SW	17.06
NW	24	W	10	W	8	W	4	W	2	W	4	W	5	W	6	W	6	N	12	15	69	NW	12.29
W	9	W	5	W	3	Calma	1	NW	3	N	2	N	6	N	3	N	3	W	17	6	31	NW	13.36
N	20	N	18	N	10	N	5	N	6	N	7	N	7	N	7	N	11	N	24	14	49	N	11.09
N	12	N	10	N	8	NE	6	NE	8	NE	10	NE	11	NE	11	NE	10	N	12	8	25	N	13.05
NW	14	NW	10	S	10	S	7	S	8	S	7	S	11	S	15	S	14	N	11	13	42	N	13.03
E	12	E	13	E	13	SE	9	SE	5	SE	5	SE	4	SE	4	SE	4	S	14	9	29	S	9.37
N	12	N	13	N	10	N	6	NE	5	NE	5	NE	5	NE	9	NE	10	NE	11	8	32	NE	12.53
E	18	E	18	E	14	E	12	NE	15	NE	13	NE	14	NE	12	NE	18	NE	18	14	33	E	13.58
NE	7	E	6	E	9	E	8	E	3	SE	4	Calma	1	Calma	0	S	2	NE	13	9	50	NE	12.12
S	9	S	8	S	8	S	7	S	9	S	14	S	13	S	10	S	8	S	24	7	30	S	22.21
S	8	S	7	S	7	S	7	S	7	S	5	S	5	S	4	S	3	S	24	7	25	SW	14.20
S	5	S	5	S	3	E	4	E	5	SE	5	SE	3	SE	2	S	2	S	19	6	25	S	11.30
E	14	E	14	E	10	E	4	E	10	E	10	E	9	E	8	E	7	E	18	9	25	E	13.46
N		N E		E		E		E		E		E		E		NE S		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		72 Km.		
8		8		9		10		9		7		8		7		6		S	149	10	DIRECCIÓN	DÍA	HORA
	13		11		9		7		7		8		9		9		9				S	5	de 22.45 a 22.50

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	2	16	9	104	13	103												223
2			16	270	8	103												373
3			14	237	10	123												360
4			15	245	9	101												346
5					5	38	4	15	15	311								364
6									11	240	8	149	5	47				436
7	10	110											3	28	11	136		274
8									5	38	6	38	7	43	6	33		152
9	9	61											6	75	8	72	1	209
10	8	69			1	8	1	4					4	36	6	113	4	233
11	6	70	3	14	8	54	1	4							5	47	1	190
12	16	195	1	9											5	39	2	244
13	4	33	4	33	9	93			5	25	2	6						190
14	4	22	4	30	9	91					4	50	2	12	1	4		209
15					3	12			17	137							4	152
16	2	15	3	28					1	3	11	81	3	17	1	7	3	153
17	4	53	6	100									2	22	12	141		316
18	1	28							2	14	1	20	17	300	3	38		400
19	12	227											9	67	3	66		360
20	4	14									1	5	17	129	1	3	1	152
21	24	345																345
22	12	114	6	56	1	3	1	2							1	4	3	182
23	11	183	3	26					7	72					3	41		322
24					3	38	7	41	14	129								208
25	5	55	11	116	1	13	1	2									6	189
26			18	226	6	98												324
27	3	39	13	150	4	26	1	4	1	2							2	222
28									24	174								174
29									24	169								169
30					2	9	3	10	19	122								141
31					18	200			5	15							1	216
SUMAS	137	1649	126	1644	110	1113	19	82	150	1451	33	349	75	776	66	744	28	7828
% PREVAL POR VELOCIDAD	21.1		21.0		14.2		1.0		18.5		4.4		9.9		9.5		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		13		10		4		10		10		10		11		1	251

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	6	5	4	1	7	1	3	3	1
1 - 2	6	5	5	0	7	2	1	4	1
2 - 3	4	6	4	0	8	2	1	4	2
3 - 4	5	5	4	0	8	1	2	4	2
4 - 5	7	5	3	0	7	1	2	2	4
5 - 6	5	6	3	1	7	1	2	3	3
6 - 7	5	5	3	3	8	0	2	3	2
7 - 8	5	7	4	1	9	1	1	3	0
8 - 9	8	7	2	1	7	1	3	2	0
9 - 10	8	8	1	0	8	1	3	2	0
10 - 11	7	7	1	0	8	1	2	5	0
11 - 12	8	5	2	0	6	3	3	4	0
12 - 13	7	7	2	0	6	2	3	4	0
13 - 14	6	6	3	0	6	2	3	5	0
14 - 15	5	6	3	1	5	1	7	3	0
15 - 16	8	4	5	0	5	1	5	3	0
16 - 17	8	2	8	0	5	1	6	1	0
17 - 18	8	1	9	0	5	1	4	2	1
18 - 19	4	2	10	1	5	2	3	2	2
19 - 20	3	4	9	1	4	1	5	1	3
20 - 21	4	5	7	4	4	3	3	0	1
21 - 22	4	4	8	2	4	2	5	1	1
22 - 23	4	6	7	2	4	1	4	1	2
23 - 24	4	6	4	1	6	1	2	4	3
SUMAS	139	124	111	19	149	33	75	66	28
% de frec. por dirección	18.7	16.7	14.9	2.6	20.0	4.4	10.1	8.9	3.8

NUBES. VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Cu	1	Claro	0	Ci	1	Claro	0	99	99	98
2	Ci	4	Claro	0	Claro	0	Claro	0	Claro	0	8	8	8
3	Ci	4	Ci	5	Cs	7	Cs	7	Ci	1	8	8	8
4	Cs	8	Cs	8	Cs	8	As	8	As	8	7	7	8
5	Ns	8	Ns	8	Ns	8	Ns	8	Ns	8	2	3	7
6	Ci	5	Claro	0	Ci	1	Co	4	Ac	6	8	9	8
7	Cs	8	As	8	Cu 2 As 6	8	As	8	As	8	7	8	8
8	Claro	0	Cu	1	Cu	3	Claro	0	Claro	0	9	9	8
9	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	9	9	8
10	Claro	0	Claro	0	Cu	7	Ci	1	Sc	7	8	8	8
11	Claro	0	Sc	5	Cu	3	Cu 2 Cc 2	4	Claro	0	8	8	8
12	Claro	0	Claro	0	Ci	4	Ci	6	Claro	0	8	8	8
13	Cs	8	Cs	8	Cs	7	Ci	2	Claro	0	5	8	8
14	Sc 2 As 6	8	As	8	Ac 5 Ci 2	7	As	7	Ac	8	7	8	8
15	Cu	3	Cu	4	Cu	3	Sc 4 Ac 3	7	Cs	8	8	8	8
16	Ac	7	As 2 Sc 6	8	Sc	8	Sc 2 Cs 6	8	Frs	8	7	7	7
17	Claro	0	Claro	0	Claro	0	Claro	0	Ac	1	9	9	9
18	Claro	0	Cu	1	Cu	5	Cu	3	Claro	0	8	8	9
19	Ac	8	Ac	8	Frs	8	St	8	Claro	0	5	8	8
20	Ci	2	Cu	4	Cu	3	Claro	0	Claro	0	9	8	8
21	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	7
22	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	7	7
23	Claro	0	Claro	0	Claro	0	St 4 Ac 3	7	Cb 2 Frs 3	5	8	7	7
24	Cu 2 Ci 1	3	Cu	1	Cu	1	Cs	3	Claro	0	8	7	8
25	Ci	3	Ci	1	Ci	1	Claro	0	Claro	0	8	9	7
26	Claro	0	Claro	0	Claro	0	Claro	0	Ac	7	9	8	8
27	Sc	8	Ns	8	Sc	8	Ci 2 Sc 1	3	Claro	0	8	8	8
28	Frs	8	St	8	Sc	8	Sc 6 Frs 2	8	St	8	7	7	8
29	St	8	Sc	8	St	8	Ns	8	St	8	7	8	9
30	Cu	3	Cu	1	Cu	6	Cu	1	Sc	1	9	8	9
31	Cu	2	Cu	2	Claro	0	Claro	0	Claro	0	9	8	8
Prom.		4		3		4		4		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0–8	Insolación	Transparencia	Observaciones
1	9	40.5	21.0	1.58	0	5	5	
	10	43.5	23.1	1.66	1	5	5	
	12	44.9	24.6	1.65	0	5	5	
	14	44.0	24.9	1.55	0	5	5	
	15	43.0	24.4	1.51	0	5	5	
2	9	42.0	21.6	1.66	4	5	5	
	10	44.1	23.5	1.67	2	5	5	
	12	44.4	24.2	1.64	0	5	5	
	14	43.5	24.5	1.54	0	5	5	
	15	42.6	24.2	1.50	0	5	5	
3	9	39.9	20.0	1.62	5	5	5	
	10	41.9	21.1	1.69	5	5	5	
	12	45.3	24.5	1.69	6	4	5	
	14	45.2	25.6	1.59	7	4	5	Ds.
	15	44.0	25.6	1.50	7	4	5	
4	9	32.1	19.2	1.05	8	1	4	B.
	10	36.4	20.2	1.32	8	1	4	B.
	12	36.4	22.3	1.15	8	0	5	
	14	35.0	23.0	0.98	8	2	4	
	15	31.1	23.1	0.65	8	1	3	B.
5	9				8	0	2	LL.
	10				8	0	2	LL.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
6	9	40.5	19.6	1.70	1	5	5	
	10	42.1	21.0	1.72	0	5	5	
	12	44.0	23.4	1.67	0	5	5	
	14	43.1	23.2	1.62	1	5	5	
	15	41.5	22.0	1.58	2	5	5	
7	9				8	0	5	Am.
	10	20.5	14.0	0.53	8	0	4	
	12				8	0	4	Am.
	14	26.2	15.9	0.84	8	1	5	
	15	27.2	16.1	0.90	8	1	5	
8	9	39.1	18.6	1.67	0	5	5	
	10	41.5	20.2	1.73	0	5	5	
	12	42.2	21.4	1.69	1	5	5	
	14	39.9	20.5	1.58	3	5	5	
	15	42.2	21.0	1.72	3	3	5	
9	9	39.5	19.4	1.63	0	5	5	
	10	42.5	21.5	1.71	0	5	5	
	12	44.4	23.6	1.69	1	5	5	
	14	43.2	23.4	1.61	1	5	5	
	15	42.3	23.0	1.57	1	5	5	
10	9	43.0	23.5	1.58	1	5	5	
	10	44.7	25.0	1.60	0	5	5	
	12	44.6	26.6	1.46	3	3	5	
	14	34.9	24.0	0.89	7	3	5	
	15	44.6	26.9	1.44	4	5	5	
11	9	44.2	24.5	1.60	0	5	5	
	10	46.6	26.3	1.65	3	5	5	
	12	29.6	22.1	0.61	7	1	5	
	14	43.6	27.0	1.35	3	3	5	
	15	46.0	27.5	1.50	3	5	5	Js.
12	9	45.6	26.0	1.59	0	5	5	
	10	47.2	27.0	1.64	0	5	5	
	12	49.5	29.2	1.65	0	5	5	
	14	49.9	30.0	1.62	4	5	5	
	15	44.9	28.2	1.36	6	3	5	
13	9	44.7	25.7	1.54	3	4	5	
	10	44.3	27.1	1.40	7	2	5	Ds.
	12	41.7	27.4	1.16	8	1	5	
	14	44.2	27.5	1.36	7	2	5	
	15	47.1	28.7	1.50	3	5	5	Js.
14	9	25.6	20.0	0.46	8	0	4	
	10	26.6	19.4	0.58	8	0	4	
	12	32.8	22.6	0.83	8	0	4	
	14	46.1	37.9	0.67	7	3	5	
	15	41.2	26.0	1.24	6	3	5	
15	9	34.0	20.0	1.14	6	1	5	
	10	47.0	24.0	1.87	5	3	5	
	12	45.8	25.2	1.67	2	5	5	
	14	46.0	25.7	1.65	3	5	5	
	15	44.4	25.2	1.56	2	5	5	
16	9	43.4	23.4	1.63	2	4	5	
	10	47.2	25.5	1.76	8	4	5	
	12				8	0	4	LL.
	14	19.5	15.5	0.32	8	0	4	
	15				8	0	4	Z.
17	9	41.2	20.5	1.68	0	5	5	
	10	44.5	23.0	1.75	0	5	5	
	12	45.0	23.9	1.72	0	5	5	
	14	44.4	24.6	1.61	0	5	5	
	15	43.1	24.2	1.54	0	5	5	
18	9	39.6	18.3	1.73	0	5	5	
	10	41.6	18.9	1.84	0	5	5	
	12	40.9	19.9	1.71	3	3	5	
	14	40.2	19.3	1.70	5	5	5	
	15	38.3	18.4	1.62	2	5	5	
19	9	34.0	17.3	1.36	8	0	3	Ne.
	10	31.1	17.1	1.14	8	0	3	B.
	12	42.4	21.7	1.68	8	1	2	B., P.
	14				8	0	3	LL.
	15				8	0	3	B., Am.
20	9	39.3	18.2	1.72	6	4	5	Ds.
	10	37.2	18.9	1.49	7	1	5	
	12	42.4	22.3	1.63	5	3	5	
	14	43.4	22.6	1.69	3	5	5	
	15	42.5	22.6	1.62	1	5	5	
21	9	42.0	22.0	1.63	0	5	5	
	10	44.5	44.3	1.64	0	5	5	
	12	46.5	26.2	1.65	0	5	5	
	14	44.5	26.0	1.50	0	5	5	B.
	15	44.5	26.5	1.46	0	5	5	B.
22	9	45.7	26.1	1.59	0	5	5	
	10	48.0	28.0	1.63	0	5	4	
	12	49.9	30.2	1.60	0	5	4	
	14	49.2	30.2	1.54	0	5	4	B.
	15	47.5	30.0	1.42	0	5	4	B.
23	9	47.0	27.5	1.58	0	5	5	
	10	49.7	29.7	1.63	0	5	5	
	12	50.0	30.0	1.63	0	5	5	
	14	48.2	31.5	1.36	0	5	5	
	15	47.6	30.9	1.36	1	5	5	
24	9	43.0	19.6	1.90	5	3	4	B.
	10	42.0	19.7	1.81	1	4	4	B.
	12	43.7	22.6	1.72	0	5	5	
	14	44.4	23.7	1.68	1	5	4	B.
	15	40.6	21.6	1.54	1	5	4	B.
25	9	41.8	21.3	1.67	0	5	5	
	10	44.2	22.9	1.73	1	5	5	
	12	46.5	25.9	1.67	1	5	5	
	14	46.4	26.8	1.59	1	5	5	
	15	45.4	26.1	1.57	1	5	5	
26	9	44.5	24.8	1.60	0	5	5	
	10	47.6	27.0	1.67	0	5	5	
	12	48.3	27.4	1.70	0	5	5	
	14	47.7	29.5	1.48	0	5	5	
	15	47.1	28.9	1.48	0	5	5	
27	9	18.1	15.9	0.18	8	0	4	
	10				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	4	Am.
	15	32.1	21.7	0.84	6	3	5	
28	9	22.5	16.5	0.49	8	0	4	Ne.
	10	30.4	20.0	0.84	8	0	4	Ne.
	12	35.5	22.5	1.06	8	0	5	
	14	35.0	22.0	1.06	8	0	5	
	15	24.2	19.4	0.39	8	0	5	
29	9	26.1	15.8	0.84	8	0	5	
	10	25.7	17.1	0.70	8	0	5	
	12	31.4	19.3	0.98	8	0	5	
	14				8	0	5	Am.
	15				8	0	4	LL.
30	9	42.1	19.6	1.83	3	5	5	
	10	42.9	20.5	1.82	1	5	5	
	12	39.9	21.4	1.50	4	3	5	
	14	34.0	20.8	1.07	6	3	5	
	15	35.0	22.0	1.06	3	5	5	
31	9	42.8	22.2	1.67	1	5	5	
	10	45.6	23.5	1.80	3	5	5	
	12	46.4	25.0	1.74	2	5	5	
	14	45.0	25.0	1.63	0	5	5	
	15	43.2	23.8	1.58	0	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H. EFECTIVA	H. TEÓR. ASTRON.	H. RELATIVA
1		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.2	12.4	90
2		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.1	12.4	90
3		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.1		9.9	12.4	80
4				0.4	0.3	0.4	1.0	0.1	0.1	0.3					2.6	12.5	21
5															0.0	12.5	00
6			0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.5	12.5	76
7										0.1	0.4	0.2			0.7	12.6	06
8		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.6	12.6	92
9		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.7	12.7	92
10		0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.0	1.0	0.8		11.0	12.7	87
11		0.6	1.0	1.0	1.0	1.0	0.6	0.6	1.0	1.0	1.0	1.0	0.8		10.6	12.7	84
12		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.7	12.8	91
13		0.7	1.0	1.0	1.0	0.7		0.6	1.0	1.0	0.6				7.6	12.8	59
14									0.9	1.0	0.6	0.2			2.7	12.8	21
15		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4		10.1	12.9	78
16		0.3	0.8	0.9	1.0	1.0	0.2			0.3	0.1	0.5			5.1	12.9	40
17		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.6	12.9	90
18			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.2	13.0	78
19		0.5	0.4	0.3	0.2	0.2	0.7	0.9	0.8						4.0	13.0	31
20		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	13.0	92
21		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.4	13.1	87
22		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			11.6	13.1	89
23		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			10.0	13.1	76
24		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.4	13.2	86
25		0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.2	13.2	85
26		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.8	13.2	89
27										0.1	0.9	1.0	1.0	0.1	3.1	13.3	23
28						0.3	0.7								1.0	13.3	08
29															0.0	13.3	00
30		0.1	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.5	13.4	78
31		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.1	13.4	90
Medias		0.4	0.7	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.5	0.0	8.4	12.9	65

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	13.2	18.1	16.4	13.0	15.9	15.6	12.5	12.9	13.7	13.0	13.0	13.4	15.4	15.3	15.4
2	14.6	18.4	16.6	14.0	16.4	15.9	13.1	13.4	14.1	13.6	13.5	13.8	15.7	15.7	15.8
3	14.5	18.4	17.4	14.1	16.5	16.4	13.3	13.6	14.4	13.8	13.7	14.2	16.0	16.0	16.0
4	15.9	18.1	17.6	15.2	16.6	16.6	14.0	14.2	14.8	14.2	14.3	14.6	16.3	16.4	16.4
5	16.5	16.3	16.0	15.9	15.7	15.4	14.5	14.2	14.2	14.7	14.7	14.4	16.6	16.7	16.7
6	14.0	18.3	16.4	13.8	16.4	15.8	13.2	13.6	14.2	13.9	13.8	14.2	16.4	16.4	16.3
7	14.6	15.6	15.2	14.2	14.5	14.6	13.4	13.3	13.3	14.0	13.9	13.7	16.4	16.2	16.1
8	13.2	17.7	15.6	13.1	15.9	15.4	12.7	12.9	13.8	13.4	13.2	13.7	16.0	15.8	15.8
9	13.0	17.8	15.8	13.0	15.9	15.4	12.6	13.0	13.8	13.5	13.4	13.8	16.0	16.0	15.9
10	13.8	18.8	17.2	13.5	16.6	16.4	13.0	13.4	14.3	13.7	13.6	14.1	16.2	16.1	16.1
11	14.2	17.6	18.2	14.6	17.2	17.2	13.8	14.2	15.1	14.2	14.2	14.8	16.4	16.4	16.5
12	16.0	21.0	19.0	15.4	18.5	18.1	14.4	15.0	15.8	14.8	14.8	15.4	16.9	16.9	17.0
13	16.9	20.8	19.2	16.3	18.4	18.4	15.1	15.6	16.3	15.4	15.4	15.8	17.4	17.4	17.4
14	17.8	19.6	19.2	17.1	17.9	18.3	15.8	15.8	16.3	16.0	15.8	16.0	17.7	17.7	17.7
15	16.6	20.4	19.0	16.3	18.8	18.4	15.5	15.8	16.5	15.8	15.8	16.2	17.9	17.8	17.8
16	16.8	19.0	17.6	16.4	17.8	17.3	15.7	15.9	16.0	16.0	16.0	16.2	18.1	18.0	18.1
17	15.2	19.8	18.0	15.1	18.0	17.4	14.8	15.0	15.8	15.6	15.4	15.6	18.0	17.8	17.7
18	16.1	18.7	16.3	15.5	15.3	16.2	14.7	14.9	15.2	15.3	15.3	15.4	17.7	17.6	17.5
19	13.6	16.4	15.0	13.7	15.2	14.8	13.6	13.5	13.7	14.7	14.2	14.2	17.4	17.2	16.9
20	12.7	17.4	16.0	12.7	15.8	15.5	12.6	13.0	14.0	13.7	13.6	14.0	16.7	16.5	16.4
21	14.1	18.6	17.4	13.7	16.7	16.5	13.2	13.8	14.6	14.0	14.0	14.4	16.7	16.7	16.7
22	15.8	20.6	19.2	15.0	18.3	18.1	14.2	14.9	15.9	14.6	14.8	15.4	17.0	17.0	17.2
23	17.2	21.2	19.6	16.4	19.3	18.9	15.3	15.9	16.8	15.6	15.7	16.3	17.6	17.7	17.9
24	16.2	19.7	17.6	16.2	18.7	17.6	15.7	15.9	16.3	16.2	16.1	16.2	18.2	18.2	18.1
25	15.0	19.8	18.2	14.9	18.1	17.5	14.8	15.2	16.0	15.8	15.6	16.0	18.2	18.1	18.0
26	16.3	20.6	19.0	15.7	18.8	18.2	15.2	15.7	16.4	15.8	15.8	16.1	18.1	18.1	18.0
27	17.2	17.6	17.8	16.7	16.9	17.1	15.7	15.5	15.6	16.1	16.0	15.8	18.2	18.2	18.1
28	16.4	18.5	18.1	16.0	17.7	17.5	15.0	15.3	15.6	15.6	15.5	15.4	18.0	18.0	17.9
29	16.2	17.3	16.6	15.8	16.7	16.3	15.0	15.2	15.1	15.6	15.4	15.5	18.0	17.9	17.6
30	15.5	19.4	17.9	15.2	18.0	17.3	14.4	14.9	15.7	15.2	15.2	15.5	17.7	17.7	17.7
31	15.4	19.4	17.4	14.9	18.0	17.1	14.6	15.0	15.6	15.4	15.3	15.6	17.8	17.8	17.8
Prom.	15.2	18.7	17.4	15.0	17.1	16.8	14.2	14.5	15.1	14.8	14.2	15.0	17.1	17.1	17.0

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.6	1.9	1.5	4.1							9601
2					0	0.7	2.2	1.9	6.8							9616
3					0	2.7	0.8	1.4	3.5							9624
4					0	1.3	1.6	1.3	3.5							9628
5	13.0	16.0	12.7	12.4	2	0.6	0.2	0.1	1.1							9630
6	37.9	37.2	32.9	33.6	2	0.8	1.7	1.7	3.8							9558
7					2	0.4	2.0	0.9	3.4							9542
8					1	0.5	1.6	1.1	3.4							9526
9					1	0.7	2.0	1.4	4.1	N.15	21.7	20.8	23.1			9515
10					0	0.7	2.6	1.1	4.5							9501
11	7.6	7.4	7.5	6.6	2	0.8	1.6	1.9	4.6							9512
12					0	1.1	1.6	1.8	3.8							9515
13					0	0.4	1.4	1.6	4.1							9523
14					0	1.1	0.7	0.8	2.0	N.16	17.6	18.9	23.6			9526
15	0.0	0.0	0.0	0.0	0	0.5	1.0	1.0	2.1							9536
16					0	0.1	1.3	0.7	2.5							9545
17	2.0	2.2	0.9	1.2	0	0.5	2.3	1.8	5.6							9553
18	16.5	17.3	17.4	16.0	2	1.5	1.6	1.1	3.1							9563
19					1	0.4	2.4	1.0	3.9	N.17	20.9	15.7	19 6	21.6	19.9	9565
20	0.0	0.0	0.0	0.0	0	0.5	1.1	1.1	2.8							9577
21					0	0.6	4.0	1.8	6.3							9586
22					0	0.5	2.2	1.7	4.9							9595
23					0	1.0	3.1	2.1	6.0							9607
24					0	0.8	1.2	1.1	2.9	N.18	15.4	15.6	19.1			9621
25					0	0.6	3.0	0.8	5.0							9632
26					0	1.2	2.5	2.6	6.9							9636
27					1	1.8	0.5	0.1	0.8							9645
28	3.0	2.8	2.3	1.8	0	0.2	1.0	0.4	1.9							9645
29					2	0.5	0.6	0.2	0.9							9653
30	2.2	2.5	2.0	2.3	1	0.1	1.3	1.1	2.8	N.19	15.2	13.7	16.2			9657
31					0	0.4	2.2	2.0	5.3							9661
Prom.	82.2	85.4	75.7	73.9	-	0.8	1.7	1.3	3.8	-	-	-	-	-	-	9584

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
14.7	14.8	14.7	14.2	14.4	14.2	15.1	16.5	-	Ca. m. t. y n., Vx. m., r. m. y n.
15.2	15.2	15.2	14.3	14.4	14.4	15.1	16.5	7.6	Ca. m. t. y n., r. m. y n.
15.5	15.5	15.5	14.4	14.4	14.4	15.2	16.5	7.3	Cn. m. y t., Ca. n.,Js. m.,Ds. t.,r. m. y n.
15.6	15.8	15.8	14.6	14.6	14.6	15.2	16.5	11.5	Cn. m. t. y n., r. m., Z.LL. n.
15.9	15.9	15.9	14.7	14.8	14.7	15.2	16.5	14.0	Cn. m. t. y n., LL. m. t. y n.
15.7	15.7	15.5	14.8	14.8	14.8	15.2	16.3	7.9	Cn. m. y n., Ca. t.
15.6	15.5	15.4	15.0	15.0	15.0	15.2	16.4	8.0	Cn. m. t. y n.
15.3	15.3	15.3	15.0	15.0	15.0	15.2	16.4	0.0	Ca. m. t. y n., Vx. m., r. m. y n.
15.4	15.4	15.3	14.9	15.0	15.0	15.3	16.5	1.7	Ca. m. t. y n., r. m. y n., Vx. m. y t.
15.6	15.6	15.6	15.0	15.0	15.0	15.4	16.3	3.7	Ca. m., Cn. t. y n., r. m. y n,CH.t,R.n,LL. n.
15.8	15.9	15.8	15.0	15.0	15.0	15.5	16.4	6.2	Ca. m. t. y n., Ns. m., r.R. n.
16.2	16.3	16.2	15.1	15.2	15.1	15.5	16.5	8.9	Ca. m. y n., Cn. t., r. m. y n., R. n.
16.6	16.7	16.7	15.2	15.2	15.2	15.5	16.4	10.4	Cn. m. y t., Ca. n., r. m. y n., Ne. m., Dl. n.
17.0	17.1	17.0	15.4	15.4	15.4	15.5	16.3	13.6	Cn. m. t. y n., r. n., R.Ru.Z. n.
17.1	17.2	17.1	15.5	15.6	15.5	15.5	16.4	6.5	Ca. m. y t., Cn. n., r. m. y n.
17.4	17.2	17.2	15.6	15.7	15.7	15.5	16.5	6.8	Cn. m. t. y n., dv. m., LL. n.
17.2	17.1	17.0	15.8	15.8	15.8	15.5	16.4	2.2	Ca. m. t. y n., Vx. m. t. y n.
17.0	17.1	17.0	15.9	15.9	15.9	15.6	16.4	9.9	Ca. m. y n., Cn. t., r. n., CH. t., P. t.
16.9	16.8	16.5	15.8	15.9	15.8	15.7	16.4	- 1.1	Cn. m. y t., Ca. n., r. m. y n., Ne. m.,LL.Z.t.
16.3	16.2	16.0	15.8	15.9	15.8	15.8	16.4	- 1.0	Ca. m. t. y n., r. m. y n., Vx. m., Ns. n.
16.1	16.1	16.1	15.8	15.8	15.8	15.9	16.3	2.7	Ca. m. t. y n., r. m. y n., B. t.
16.3	16.4	16.4	15.8	15.8	15.8	15.9	16.5	6.2	Ca. m. t. y n., r. m. y n., B. t., Ns. n.
16.9	17.0	17.0	15.8	15.9	15.8	15.8	16.4	9.4	Ca. m. y t., Cn. n., r. m., Jl.R.CH. n.
17.4	17.5	17.4	15.9	16.0	16.0	15.9	16.5	3.1	Ca. m. t. y n., r. m. y n., B. t., Ns. n.
17.6	17.5	17.4	16.3	16.4	16.3	16.0	16.5	0.2	Ca. m. t. y n., r. m. y n., Vx. t.
17.5	17.5	17.4	16.3	16.4	16.4	16.0	16.5	4.4	Ca. m. y t., Cn. n., Vx. m.
17.7	17.7	17.6	16.5	16.4	16.5	16.0	16.5	9.5	Cn. m. y t., Ca. n., LL. m.
17.4	17.4	17.3	16.5	16.5	16.4	16.0	16.5	7.2	Cn. m. t. y n., dv. n.
17.3	17.2	17.1	16.5	16.6	16.6	16.1	16.5	9.4	Cn. m. t. y n., dv. m., CH. t., Ne. m.
17.0	17.0	16.9	16.5	16.6	16.7	16.1	16.5	5.0	Ca. m. y n., Cn. t., Vx. m.
17.1	17.2	17.1	16.5	16.6	16.6	16.2	16.5	- 0.2	Ca. m. t. y n., r. m., Vx. m., Ns. m.
16.5	16.7	16.4	15.5	15.5	15.5	15.6	16.4	6.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teóricas Astronómicas	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	58.8	66.8	1	8,9,10	41.0	5	18	14.2	18.7	9.8	22.5	10	13	6.1	9	4	7.9	12.5	63
2ª	55.9	64.0	20	7-8	46.8	18	0-1	14.7	20.6	8.8	25.2	12	14	3.3	19	1	8.6	12.9	66
3ª	60.3	64.3	30	8	54.7	23	15	15.0	21.0	8.8	26.7	23	14-15	3.8	25	5,6	8.6	13.2	65
MES	58.4	66.8	1	8,9,10	41.0	5	18	14.6	20.1	9.1	26.7	23	14-15	3.3	19	1	8.4	12.9	65

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	75	99	1	32	9	8.7	13.0	5.4	NE	16	72	5	34	5	22-23	78	S	5	23.39	53.2	37.2	6	3.5	5	14-15
2ª	74	100	18	35	17	9.1	13.5	4.8	N	12	60	16, 19	38	19	13-14	69	NW	19	12.29	26.9	17.3	18	9.5	18	3-4
3ª	74	100	25,28	28	21	9.0	13.0	5.8	S	7	36	varios	28	21	11-12	50	NE	27	12.12	5.3	2.8	28	1.2	27	12-13
MES	74	100	18,25,28	28	21	8.9	13.5	4.8	S	10	72	5	38	19	13-14	78	S	5	23.39	85.4	37.2	6	9.5	18	3-4

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	4	1	-	-	-	-	-	3	1	-	1	-	-	-	-	1	-
2ª	3	1	2	-	2	-	-	2	3	-	1	-	-	-	-	1	3
3ª	5	3	3	-	3	-	-	2	-	-	2	-	-	-	-	-	1
MES	12	5	5	-	5	-	-	7	4	-	4	-	-	-	-	2	4

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	1	-	1	-	-	-	7	3	-	-	-
2ª	9	-	-	-	-	2	1	2	-	2	-	8	2	-	1	-
3ª	6	-	-	-	-	-	-	-	1	-	-	9	2	-	2	-
MES	21	-	-	-	-	3	1	3	1	2	-	24	7	-	3	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V NOVIEMBRE 1950 Nº. 11

RESUMEN MENSUAL

El tiempo bueno y fresco de fines de Octubre continúa en los primeros días de Noviembre. La presión marca su máximo mensual el día 2 con 766.0 mm. Por la constante afluencia de masas de aire del sector N, la temperatura, humedad y nubosidad aumentan hasta que por la tarde del día 5 un empuje de aire frío hace descender la temperatura algunos grados por debajo de la normal. En los días siguientes se repite este proceso. Sin embargo esta vez, la llegada del aire desde el N es más intensa, de modo que el día 10, el aire tropical cubre toda la zona del Río de la Plata. La temperatura sube hasta 29.0°C y la tensión del vapor a 16.6 mm, valor este máximo mensual. Por la tarde del mismo día, aire polar reemplaza al tropical reinante, ocasionando lluvias intensas y ráfagas que sobrepasan los 60 km/h.

En los primeros días de la 2ª década restablécense las condiciones normales para esta época del año. Por la constante llegada de aire polar, la temperatura alcanza su límite mínimo mensual con 5.4°C la mañana del 13. El día 14 empieza a configurarse un período de tiempo inestable y muy lluvioso, que persiste hasta el fin de la década. Durante el mismo se registran diariamente precipitaciones pluviales de muy diferentes intensidades. Cuatro frentes atraviesan en estos días el Observatorio, de los cuales, uno permanece estacionario casi 48 horas en los alrededores del Río de la Plata, debiéndose al frente frío que pasa por el Observatorio el día 20 la terminación de tan prolongada inestabilidad climática.

En la masa de aire polar continental que caracteriza el principio de la última década, reina tiempo bueno y seco, registrándose el mínimo mensual de la tensión del vapor con 5.2 mm el 22, y el de la humedad relativa con 24% el 23. La temperatura se halla unos 4.0°C por debajo del promedio mensual. Luego, cuando el 23 y 24 la temperatura alcanza valores normales, un nuevo empuje de aire tropical reemplaza al polar reinante, descendiendo entonces la presión al nivel mínimo del mes con 747.8 mm; la temperatura registra a su vez el máximo con 29.2°C. Por la tarde del 27, aire fresco avanza desde el S; en los dos últimos días del mes reina tiempo bueno con temperatura en continuo ascenso.

Los frecuentes empujes de aire fresco y seco hacen que los promedios de la temperatura y humedad sean inferiores a los normales; la presión experimenta una desviación negativa de más de 1 mm. Los promedios de los otros elementos no difieren en general de los corrientes para la estación.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	77	67	63	61	54	73	81	77	79	113	93	85	85	101	79
2	65	39	43	39	41	61	61	77	101	101	91	65	50	46	44
3	39	34	21	17	14	10	19	48	69	91	73	46	44	50	50
4	91	17	14	23	19	48	81	77	54	50	35	46	46	73	89
5	69	85	39	41	46	48	57	73	99	65	44	37	37	43	28
6	54	56	48	61	63	67	69	30	28	59	63	77	91	65	61
7	56	46	56	56	48	50	50	34	35	48	35	39	23	34	54
8	52	50	50	65	69	71	73	35	48	48	28	30	-13	-27	10
9	59	48	41	39	43	44	44	34	-	-	-	-	-	-	-
10	32	37	30	21	19	17	-	-	-	37	43	43	35	35	50
11	50	73	117	12	21	26	43	48	54	69	61	65	65	50	89
12	165	99	61	59	71	67	87	125	129	89	81	73	52	56	54
13	61	50	44	44	56	69	77	89	107	119	113	83	99	97	81
14	-	-	-	-	-	-	35	35	30	70	105	95	-118	81	35
15	73	39	39	24	-131	21	10	9	2	- 8	32	71	73	59	41
16	44	73	89	121	69	135	141	123	139	167	147	65	46	57	79
17	-	-	-	-	5	3	±∞	-67	73	56	97	73	71	83	85
18	37	41	-	-	-	-	-	41	54	69	17	28	39	37	41
19	113	65	69	73	105	57	71	121	57	65	81	89	73	54	-
20	117	73	73	61	65	77	95	161	111	147	111	101	54	32	39
21	-	-	-	-	109	127	+∞	169	133	149	143	117	77	39	- 6
22	69	57	52	56	61	43	57	16	16	43	30	50	50	65	63
23	57	57	46	37	35	61	65	83	79	77	65	63	50	32	26
24	35	23	21	21	19	17	26	93	103	97	69	57	56	77	77
25	21	28	32	30	24	26	89	103	59	59	57	61	59	50	39
26	-	-	-	-	-	-	-	-	-	-	-	87	91	85	95
27	-	-	-	-	-	-	-	-	105	69	81	73	65	65	54
28	89	100	89	94	75	116	143	149	133	143	115	113	97	89	81
29	83	79	105	201	197	44	56	57	87	83	61	65	57	46	48
30	43	54	48	52	62	82	85	70	70	90	74	59	65	54	50
31															
Prom.	69.5	64.5	57.8	67.9	63.9	67.9	76.2	79.6	88.8	95.8	81.2	66.9	61.2	59.2	56.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	4.82	5.94	10.76	0.81	4.52	4.85	9.37	0.92	0.64	0.73	1.37	0.88	0.54	0.59	1.13	0.92
2	4.65	6.13	10.78	0.76	5.78	5.78	11.56	1.00	0.62	0.80	1.42	0.78	0.85	0.80	1.65	1.06
3	4.46	6.72	11.18	0.66	11.49	12.27	23.76	0.94	0.64	0.78	1.42	0.82	0.71	1.54	2.25	0.46
4	5.18	5.67	10.85	0.92	2.98	2.42	5.40	1.25	0.75	0.83	1.58	0.90	0.45	0.52	0.97	0.86
5	7.17	8.15	15.32	0.88	8.40	9.21	17.61	0.93	0.91	1.19	2.10	0.76	0.94	1.04	1.98	0.90
6	3.87	3.15	7.02	1.21	5.25	5.19	10.44	1.00	0.40	0.43	0.83	0.93	0.71	0.62	1.33	1.14
7	9.12	9.24	18.36	0.98	6.87	6.45	13.32	1.06	1.03	1.02	2.05	1.01	0.97	0.87	1.84	1.11
8	9.46	10.73	20.19	0.87	5.91	4.86	10.77	1.22	1.16	1.20	2.36	0.97	0.66	0.69	1.35	0.96
9	4.99	5.26	10.25	0.94	6.11	5.74	11.85	1.08	0.61	0.73	1.34	0.84	0.69	0.69	1.38	1.00
10	5.11	5.11	10.22	1.00	6.91	5.17	12.08	1.34	0.74	0.67	1.41	1.10	0.94	1.74	2.68	0.54
11	8.75	11.07	19.82	0.79	9.65	10.07	19.72	0.94	1.22	1.15	2.37	1.06	1.27	1.24	2.51	1.02
12	5.62	5.50	11.12	1.03	5.60	6.34	11.94	0.88	0.65	0.73	1.38	0.89	0.70	0.71	1.41	0.99
13	4.75	5.52	10.27	0.86	9.27	9.50	18.77	0.98	0.62	0.62	1.24	1.00	1.27	1.38	2.65	0.92
14	4.98	6.26	11.24	0.80	7.17	11.04	18.21	0.65	0.58	0.75	1.33	0.77	0.17	0.30	0.47	0.57
15	10.96	13.37	24.33	0.96	12.92	11.90	24.82	1.08	1.11	0.61	1.72	1.82	1.42	1.33	2.75	1.07
16	2.95	2.91	5.16	0.77	2.34	3.60	5.94	0.66	0.32	0.41	0.73	0.78	0.18	0.41	0.59	0.44
17	9.04	8.82	17.86	1.02	6.96	7.73	14.65	0.89	1.17	0.62	1.79	1.89	0.84	1.00	1.84	0.84
18	6.94	7.70	14.64	0.89	5.13	5.15	10.28	1.00	0.82	1.20	2.02	0.68	0.64	0.61	1.25	1.05
19	4.47	5.11	9.58	0.88	4.33	4.78	9.11	0.89	0.64	0.66	1.30	0.97	0.52	0.51	1.03	1.02
20	3.77	4.24	8.01	0.89	12.75	10.86	23.61	1.17	0.53	0.56	1.09	0.95	1.50	1.52	3.02	0.99
21	7.48	7.69	15.17	0.97	7.76	9.02	16.78	0.87	0.64	0.73	1.37	0.88	0.92	1.04	1.96	0.88
22	6.03	7.62	13.65	0.79	6.50	6.69	13.19	0.97	0.76	0.64	1.40	1.19	0.80	0.80	1.60	1.00
23	8.70	8.46	17.16	1.03	10.64	10.44	21.08	1.02	1.16	0.84	2.00	1.38	1.23	1.22	2.45	1.01
24	8.70	10.01	18.71	0.86	7.24	6.06	13.30	1.18	1.08	1.14	2.22	0.95	0.56	0.72	1.28	0.78
25	-	-	-	-	-	-	-	-	0.80	0.78	1.58	1.03	0.89	0.83	1.72	1.07
26	-	-	-	-	-	-	-	-	0.49	1.07	1.56	0.46	1.12	1.30	2.42	0.86
27	10.37	14.75	25.12	0.70	7.01	9.59	16.60	0.74	1.05	1.00	2.05	1.05	0.86	0.96	1.82	0.90
28	-	-	-	-	7.89	10.49	18.38	0.76	0.78	0.90	1.68	0.87	0.89	0.95	1.84	0.94
29	8.01	11.30	19.31	0.71	6.15	7.70	13.85	0.80	1.14	1.24	2.38	0.92	0.93	0.99	1.92	0.94
30	5.68	6.85	12.53	0.84	6.29	9.42	15.71	0.68	0.66	0.84	1.50	0.79	0.94	1.33	2.27	0.71
31																
Prom.	6.49	7.53	14.02	0.86	7.14	7.58	14.72	0.94	0.79	0.83	1.62	0.95	0.84	0.94	1.78	0.89

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
95	89	101	93	97	97	101	89	95	85.2	149	50	99	0
85	111	105	56	54	41	50	30	30	61.9	157	-13	170	1
50	56	59	73	46	115	89	85	95	53.9	187	- 8	195	1
85	67	75	77	10	79	85	85	117		264	-109	373	2
14	2	37	54	54	54	50	57	57	49.6	133	-51	184	1
54	21	46	50	44	57	71	75	56	56.9	121	-28	149	1
57	69	46	41	43	39	50	50	46	46.0	113	-50	163	1
24	57	54	35	48	65	81	73	57		113	-82	195	2
-	-	-	105	79	48	14	10	28		127	3	124	0*
52	44	54	14	-	-	-	48	48		81	-179	260	1*
101	71	75	75	85	147	189	-	211		∞	-44	-	3*
44	48	44	46	46	43	35	39	44	69.0	239	2	237	0
71	65	65	65	65	107	79	87	85	70.2	145	19	126	0
35	±∞	-	±∞	-10	9	-	-	-		∞	-∞	-	3*
5	65	48	-44	39	77	87	71	26		137	-194	331	2
91	99	57	103	73	121	153	133	81	100.3	261	-27	288	1
79	71	54	69	111	103	93	71	54		∞	-∞	-	3*
69	48	-41	-37	-17	69	69	61	109		249	-194	443	2*
10	89	87	101	177	161	117	59	161		237	-206	443	1*
±∞	-	77	21	7	46	46	56	103		∞	-∞	-	3*
3	19	43	35	50	39	44	65	89		∞	-51	-	3*
57	69	50	57	54	54	54	63	65		113	-42	155	2
43	44	63	165	185	113	39	43	41	65.4	265	-26	291	1
81	-	-	169	121	183	161	125	3		229	-37	266	1*
39	-	-	-	-	-	-	-	-		∞	-∞	-	3*
95	93	91	85	81	93	81	69	-		129	28	101	0*
50	43	43	54	73	71	73	93	-		163	2	161	0*
67	57	79	87	89	113	141	121	109	103.7	181	7	174	0
46	56	28	69	101	52	79	50	54	75.2	214	-73	287	1
46	46	23	34	68	81	54	68	65	60.1	131	-13	144	1
58.7	58.7	57.9	72.0	74.2	79.5	76.2	71.3	66.0	69.6				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
83	83	87	3.79	3.28	507	576	1083	0.88	2.96	1.56
85	67	111	3.17	6.10	496	507	1003	0.98	0.40	1.79
65	56	57	2.65	4.84	431	664	1095	0.65	3.31	2.85
34	35	81	1.84	2.62	662	584	1246	1.13	0.70	-
46	43	3	3.01	0.20	716	744	1460	0.96	-	-
43	91	7	2.52	0.31	612	1031	1643	0.59	0.32	1.70
39	39	65	2.66	3.99	903	819	1722	1.10	0.91	0.73
21	32	48	2.52	2.16	716	744	1460	0.96	0.81	0.58
-	-	-	-	-	800	714	1514	1.12	1.36	2.24
44	43	56	2.02	5.00	408	735	1143	0.56	1.45	1.74
69	61	77	4.82	6.44	1144	461	1605	2.48	-	2.09
77	87	44	4.00	2.07	1020	855	1875	1.19	2.14	-
111	81	61	3.35	5.39	631	507	1138	1.24	-	0.38
125	91	-	4.03	-	714	576	1290	1.24	1.11	-
77	52	52	2.98	4.77	966	767	1733	1.26	0.17	-
143	77	61	1.87	1.20	149	459	608	0.32	-	0.96
69	69	65	4.12	3.99	1058	918	1986	1.15	1.34	1.93
16	23	-37	1.55	- 1.54	513	800	1313	0.64	0.39	0.81
73	85	69	3.68	2.37	767	509	1276	1.51	1.54	0.37
113	113	39	4.11	3.93	815	683	1498	1.19	1.93	0.93
145	121	44	5.53	2.87	452	559	1011	0.81	2.82	2.46
46	59	54	2.75	2.88	914	505	1419	1.81	0.42	0.33
59	59	54	3.93	4.41	855	767	1622	1.11	0.24	1.04
67	61	-	4.51	-	968	1088	2056	0.89	0.22	0.80
63	61	-	3.21	-	800	763	1563	1.05	-	1.80
-	-	97	-	7.82	561	628	1189	0.89	1.76	-
79	77	43	5.26	2.61	633	668	1301	0.95	0.34	0.46
109	115	77	6.44	4.72	815	626	1441	1.30	1.45	0.33
68	73	50	5.79	3.20	859	714	1573	1.20	-	1.11
65	59	34	2.95	2.57	99	400	499	0.25	-	-
73	68	54	3.54	3.27	699	679	1378	1.03	1.22	1.26

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 3.0	3.8	5.8	3.8	- 1.5	- 4.5	- 9.0	-15.0	- 6.1	3.8	5.8	5.8	- 7.5
2	1.9	7.7	5.8	5.8	- 4.5	- 4.5	-10.5	- 7.5	1.9	1.9	1.9	3.8	3.8
3	5.8	7.7	9.6	7.7	- 1.5	- 4.5	- 7.5	- 3.0	5.8	5.8	9.6	11.6	5.8
4	- 4.5	- 1.5	1.9	1.9	- 4.5	- 4.5	-13.5	-12.0	- 3.0	1.9	1.9	- 4.5	- 4.5
5	1.9	7.7	7.7	5.8	1.9	- 1.5	1.9	- 7.5	- 1.5	3.8	5.8	1.9	1.9
6	5.8	7.7	7.7	7.7	- 4.5	- 6.1	- 3.0	1.9	5.8	9.6	3.8	- 4.5	- 6.1
7	- 1.5	- 1.5	1.9	- 1.5	- 9.0	-10.5	-15.0	-12.0	- 3.0	1.9	7.7	1.9	- 4.5
8	1.9	3.8	1.9	1.9	- 9.0	-12.0	- 9.0	-10.5	-	-	-	- 1.5	- 6.1
9	3.8	5.8	7.7	7.7	- 4.5	-13.5	-16.5	- 7.5	- 1.5	5.8	3.8	- 6.1	- 1.5
10	- 7.5	- 3.0	1.9	- 3.0	- 6.1	- 7.5	-15.0	-10.5	- 7.5	- 4.5	- 9.0	- 3.0	-15.4
11	- 9.0	- 3.0	- 4.5	- 3.0	- 3.0	- 7.5	- 9.0	- 6.1	- 7.5	- 1.5	- 1.5	- 9.0	- 7.5
12	- 9.0	- 4.5	- 3.0	- 1.5	1.9	- 7.5	-10.5	-15.0	-13.0	- 9.0	- 9.0	-13.5	-18.0
13	- 4.5	7.7	- 3.0	- 1.5	- 4.5	-10.5	-12.0	- 9.0	- 6.1	11.6	1.9	- 3.0	1.9
14	3.8	5.8	5.8	7.7	- 4.5	- 7.5	- 7.5	- 6.1	3.8	13.5	13.5	5.8	- 4.5
15	1.9	3.8	5.8	1.9	- 3.0	- 7.5	- 7.5	-13.5	-	-16.5	-13.5	-19.5	-16.5
16	- 9.0	-10.5	- 7.5	- 7.5	-13.5	-21.0	-19.5	-15.0	-	-	-	-	-12.0
17	- 3.0	3.8	- 1.5	1.9	- 4.5	- 7.5	- 9.0	- 7.5	- 6.1	- 1.5	- 7.5	3.8	- 6.1
18	1.9	1.9	1.9	5.8	- 1.5	- 6.1	- 9.0	- 4.5	- 4.5	-13.5	-13.5	5.8	- 1.5
19	7.7	13.5	13.5	7.7	7.7	5.8	- 1.5	- 1.5	3.8	5.8	1.9	3.8	1.9
20	1.9	5.8	5.8	5.8	1.9	- 3.0	- 6.1	- 3.0	1.9	7.7	5.8	3.8	3.8
21	3.8	7.7	5.8	7.7	3.8	5.8	- 6.1	- 4.5	5.8	15.4	15.4	11.6	5.8
22	9.6	-	-	-	-	-	- 9.0	- 6.1	3.8	9.6	5.8	9.6	- 3.0
23	3.8	3.8	3.8	7.7	- 1.5	- 7.5	- 4.5	- 1.5	- 1.5	1.9	1.9	- 3.0	- 4.5
24	1.9	5.8	7.7	5.8	1.9	- 6.1	- 7.5	-	-	-	-	-	-
25	1.9	3.8	3.8	5.8	5.8	1.9	- 4.5	- 4.5	3.8	19.2	9.6	7.7	1.9
26	-13.5	- 1.5	1.9	1.9	- 3.0	- 7.5	- 3.0	-15.0	-30.0	9.6	- 1.5	- 9.0	3.8
27	- 3.0	3.8	5.8	11.6	1.9	3.8	- 4.5	- 4.5	-	-	-	-	-
28	15.4	11.6	9.6	13.5	11.6	3.8	11.6	7.7	7.7	9.6	15.4	17.3	13.5
29	15.4	13.5	15.4	17.3	13.5	9.6	5.8	1.9	3.8	13.5	19.2	19.2	21.2
30	17.3	15.4	17.3	19.2	11.6	9.6	5.8	5.8	-	17.3	17.3	19.2	23.1
31													
Prom	1.3	4.2	4.5	4.8	- 0.7	- 4.3	- 6.6	- 5.7	- 0.6	4.5	3.4	2.0	- 1.1
Var.	2.2	5.1	5.4	5.7	0.2	- 3.4	- 5.7	- 4.8	- 0.3	5.4	4.5	2.9	- 0.2

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 5.4	- 5.4	- 6.8	- 6.8	-15.0	-15.0	-17.7	-13.6	-15.0	-13.6	-12.2	-17.7	-16.3
2	- 4.1	- 2.7	- 2.7	- 6.8	-16.3	-19.1	-16.3	-15.0	-13.6	-12.2	-15.0	-16.3	-16.3
3	- 4.1	- 4.1	- 5.4	- 8.2	-16.3	-17.7	-10.9	- 6.8	- 8.2	-10.9	- 9.5	-12.2	- 9.5
4	2.7	2.7	- 2.7	- 2.7	-13.6	-15.0	-15.0	-10.9	- 8.2	- 9.5	- 9.5	-13.6	- 6.8
5	- 6.8	- 2.7	- 5.4	- 2.7	- 2.7	- 6.8	- 8.2	-17.7	-17.7	-17.7	-15.0	-16.3	-13.6
6	- 4.1	1.4	- 1.4	- 2.7	-15.0	-16.3	-12.2	-10.9	- 8.2	-12.2	-13.6	-15.0	-12.2
7	1.4	- 1.4	- 2.7	- 6.8	-15.0	-20.4	-15.0	-15.0	-12.2	-13.6	-12.2	-13.6	-10.9
8	- 2.7	- 4.1	- 5.4	- 6.8	-17.7	-23.1	-21.8	-16.3	-	-	-	-15.0	-16.3
9	- 1.4	- 1.4	- 6.8	- 8.2	-13.6	-19.1	-16.3	-13.6	-10.9	- 9.5	- 9.5	-13.6	-12.2
10	1.4	2.7	- 4.5	- 6.8	-17.7	-19.1	-16.3	-	-	-	-13.6	-13.6	-12.2
11	- 5.4	- 5.4	- 4.1	- 6.8	-10.9	-20.4	-19.1	-16.3	-17.7	-16.3	-15.0	-15.0	-13.6
12	- 8.2	- 8.2	- 6.8	- 9.5	-16.3	-17.7	-13.6	-24.5	-19.1	-21.8	-24.5	-19.1	-23.1
13	- 6.8	- 4.1	- 5.4	- 6.8	-19.1	-27.2	-17.7	-15.0	-15.0	-16.3	-16.3	-19.1	-16.3
14	- 6.8	- 4.1	- 8.2	-12.2	-23.1	-28.6	-17.7	-19.1	-20.4	-16.3	-19.1	-17.7	-19.1
15	- 5.4	-10.9	- 9.5	-21.8	-23.1	-27.2	-21.8	-16.3	-	-20.4	-19.1	-23.1	-23.1
16	-10.9	- 9.5	-13.6	-20.4	-27.2	-28.6	-21.8	-17.7	-	-	-	-	-23.1
17	- 9.5	- 9.5	-10.9	-13.6	-19.1	-25.9	-24.5	-20.4	-20.4	-23.1	-24.5	-20.4	-21.8
18	- 8.2	- 8.2	-12.2	-13.6	-23.1	-23.1	-20.4	-17.7	-24.5	-19.1	-19.1	-21.8	-20.4
19	-16.3	-12.2	-16.3	-12.2	-12.2	-17.7	-17.7	-19.1	-21.8	-21.8	-23.1	-21.8	-17.7
20	-16.3	- 9.5	-10.9	-15.0	-23.1	-28.6	-23.1	-19.1	-20.4	-19.1	-20.4	-19.1	-17.7
21	- 9.5	- 8.2	- 8.2	-12.2	-13.6	-20.4	-19.1	-19.1	-15.0	-15.0	-16.3	-19.1	-17.7
22	- 9.5	-	-	-	-	-	-23.1	-19.1	-16.3	-17.7	-20.4	-20.4	-20.4
23	- 8.2	- 6.8	-10.9	-12.2	-19.1	-24.5	-20.4	-17.7	-21.8	-19.1	-10.9	-15.0	-15.0
24	- 6.8	- 6.8	-10.9	-12.2	-17.7	-23.1	-20.4	-	-	-	-	-15.0	-16.3
25	- 6.8	- 6.8	- 8.2	- 9.5	-17.7	-25.9	-21.8	-15.0	-20.4	-19.1	-21.8	-20.4	-21.8
26	-17.7	-15.0	-15.0	-15.0	-15.0	-17.7	-20.4	-29.9	-27.2	-31.3	-29.9	-28.6	-23.1
27	-13.6	- 8.2	-12.2	-15.0	-20.4	-25.9	-27.2	-15.0	-	-	-	-	-
28	9.5	4.1	8.2	5.4	- 2.7	-10.9	- 5.4	- 2.7	- 5.4	1.4	- 2.7	- 2.7	- 1.4
29	5.4	9.5	6.8	5.4	- 2.7	- 5.4	- 2.7	1.4	2.7	2.7	2.7	2.7	1.4
30	9.5	12.2	12.2	9.5	1.4	- 2.7	- 4.1	1.4	-	- 1.4	2.7	2.7	2.7
31													
Prom	- 5.3	- 4.1	- 6.0	- 8.2	-14.9	-19.1	-16.5	-14.5	-14.3	-14.3	-14.4	-15.2	-14.5
Var.	7.3	8.5	6.6	4.4	- 2.3	- 6.5	- 3.9	- 1.9	- 1.7	- 1.7	- 1.8	- 2.6	- 1.9

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
1.9	- 3.0	- 6.1	- 7.5	- 6.1	- 4.5	1.9	- 1.5	- 1.5	11.6	3.8	- 1.2	1
1.9	- 3.0	- 3.0	- 7.5	- 7.5	- 6.1	- 4.5	- 4.5	1.9	3.8	3.8	- 0.7	0
3.8	- 4.5	- 3.0	- 4.5	- 4.5	- 1.5	- 1.5	1.9	- 3.0	1.9	1.9	1.7	0
-10.5	- 4.5	- 6.1	- 9.0	- 7.5	- 7.5	- 6.1	1.9	- 1.5	1.9	1.9	- 3.8	1
- 6.1	- 7.5	- 9.0	- 3.0	- 6.1	- 4.5	- 3.0	1.9	3.8	- 4.5	- 4.5	- 0.5	1
- 9.0	-10.5	-10.5	- 9.0	- 9.0	- 9.0	-10.5	- 7.5	- 3.0	- 1.5	1.9	- 2.2	1
- 9.0	-10.5	-10.5	-10.5	- 9.0	- 7.5	- 4.5	- 7.5	- 7.5	- 3.0	- 1.5	- 5.2	1
-12.0	-10.5	- 3.0	- 7.5	- 4.5	- 7.5	- 4.5	- 6.1	- 4.5	- 1.5	- 1.5	- 4.8	1
- 4.5	- 9.0	- 7.5	- 7.5	- 3.0	- 4.5	1.9	- 4.5	- 1.5	1.9	- 3.0	- 2.4	2
-10.5	-16.5	- 7.5	- 4.5	- 3.0	- 7.5	-	1.9	- 9.0	- 7.5	-10.5	- 7.2	2
- 9.0	- 9.0	-12.0	-10.5	-10.5	-13.5	-10.5	- 9.0	-12.0	- 9.0	-18.0	- 8.1	0
-10.5	-10.5	-15.0	-16.5	-15.0	-16.5	- 6.1	- 4.5	- 3.0	1.9	1.9	- 8.6	2
- 1.5	-12.0	-13.5	-16.5	- 9.0	- 3.0	- 6.1	-10.5	- 3.0	5.8	1.9	- 4.1	1
- 1.5	- 1.5	1.9	- 4.5	- 1.5	5.8	- 1.5	3.8	7.7	7.7	3.8	2.1	0
-19.5	-16.5	-18.0	-21.0	-13.5	-12.0	- 9.0	-16.5	- 6.1	- 9.0	-10.5	-10.2	2
- 9.0	-16.5	-16.5	-13.5	- 9.0	-10.5	-10.5	- 7.5	- 1.5	1.9	- 3.0	-10.6	1
- 3.0	- 4.5	- 3.0	- 9.0	- 7.5	- 4.5	1.9	1.9	- 1.5	3.8	1.9	- 2.8	1
- 4.5	- 4.5	-19.2	-16.5	- 3.0	- 3.0	- 1.5	1.9	5.8	11.6	9.6	- 2.5	1
- 3.0	- 3.0	- 6.1	-15.0	-12.0	-10.5	- 6.1	1.9	- 1.5	11.6	7.7	1.4	1
- 1.5	-	-	-	-	-	-	1.9	5.8	5.8	5.8	2.8	1
3.8	- 3.0	1.9	- 1.5	3.8	- 3.0	- 1.5	3.8	3.8	7.7	9.6	4.3	1
- 6.1	- 6.1	-13.5	- 9.0	- 4.5	-15.0	-21.0	1.9	5.8	9.6	7.7	- 1.6	2
7.7	- 9.0	-13.5	- 3.0	- 1.5	1.9	1.9	3.8	1.9	1.9	1.9	- 0.3	0
-	-	- 6.1	- 4.5	9.6	9.6	- 3.0	- 7.5	9.6	21.2	5.8	2.8	2
3.8	- 1.5	3.8	- 6.1	- 7.5	5.8	7.7	-10.5	- 4.5	-16.5	- 7.5	1.0	1
-10.5	- 7.5	- 9.0	- 6.1	-12.0	- 4.5	- 1.5	3.8	1.9	- 1.5	5.8	- 2.8	2
-	-	-	-	-	-	-	7.7	- 1.5	5.8	5.8	2.7	1
17.3	3.8	- 1.5	- 6.1	- 6.1	1.9	17.3	15.4	15.4	15.4	11.6	9.7	1
15.4	7.7	9.6	1.9	3.8	7.7	9.6	11.6	13.5	19.2	13.5	11.8	1
9.6	9.6	7.7	- 3.0	5.8	17.3	15.4	13.5	13.5	19.2	17.3	13.2	1
- 2.6	- 5.8	- 6.5	- 8.0	- 5.2	- 3.6	- 1.9	- 0.6	0.8	3.8	2.1	0.9	
- 1.7	- 4.9	- 5.6	- 7.1	- 4.3	- 2.7	- 1.0	0.3	1.7	4.7	3.0		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-17.7	-10.9	-12.2	-15.0	-13.6	-10.9	-12.2	-15.0	- 6.8	- 4.1	- 5.4	-11.8	1
-13.6	-12.2	- 9.5	-13.6	-15.0	-16.3	-15.0	-15.0	- 8.2	- 6.8	- 5.4	-12.0	2
- 9.5	-10.9	- 6.8	- 5.4	- 8.2	-10.9	- 9.5	-10.9	- 4.1	1.4	1.4	- 8.2	2
- 9.5	-10.9	-15.0	-15.0	-13.6	-12.2	- 9.5	-12.2	- 6.8	- 4.1	- 2.7	- 8.9	1
-15.0	- 9.5	-15.0	-10.9	-12.2	-16.3	-15.0	- 9.5	- 5.4	- 4.1	- 6.8	-10.5	1
-15.0	-10.9	-10.9	-15.0	-16.3	-15.0	-17.7	-15.0	- 9.5	- 4.1	- 4.1	-10.7	2
-10.9	- 8.2	- 8.2	-10.9	-15.0	-10.9	- 9.5	-15.0	- 6.8	- 4.1	1.4	- 9.8	1
-15.0	-19.1	- 9.5	-16.3	-15.0	-17.7	-15.0	- 9.5	-10.9	- 6.8	- 2.7	-12.7	1
-13.6	-12.2	-10.9	-10.9	-10.9	-13.6	-10.9	-12.2	- 9.5	- 4.1	- 1.4	-10.3	1
-15.0	-15.0	- 9.5	- 9.5	-12.2	-13.6	-	-15.0	-13.6	- 9.5	- 8.2	-11.0	1
-15.0	-15.0	-15.0	-21.8	-19.1	-17.7	-16.3	-12.2	-15.0	-16.3	- 8.2	-14.1	2
-20.4	-21.8	-21.8	-27.2	-24.5	-23.1	-23.1	-21.8	-21.8	-12.2	- 9.5	-18.3	2
-15.0	-17.7	-16.3	-17.7	-17.7	-20.4	-16.3	-20.4	-15.0	- 9.5	- 9.5	-15.0	1
-16.3	-20.4	-16.3	-19.1	-20.4	-24.5	-21.8	-19.1	-13.6	-15.0	- 9.5	-17.0	1
-27.2	-23.1	-21.8	-25.9	-24.5	-23.1	-20.4	-20.4	-17.7	-13.6	-10.9	-19.6	0
-21.8	-23.1	-20.4	-23.1	-23.1	-23.1	-25.9	-23.1	-17.7	-12.2	-10.9	-19.9	1
-20.4	-21.8	-16.3	-20.4	-23.1	-21.8	-21.8	-21.8	-16.3	-12.2	-10.9	-18.4	0
-23.1	-21.8	-17.7	-27.2	-27.2	-24.5	-27.2	-19.1	-17.7	-15.0	-15.0	-19.4	1
-20.4	-20.4	-19.1	-27.2	-25.9	-28.6	-21.8	-21.8	-20.4	-16.3	-13.6	-19.4	2
-21.8	-	-	-	-	-	-	-19.1	-19.1	-15.0	-10.9	-18.2	1
-16.3	-21.8	-16.3	-16.3	-15.0	-15.0	-16.3	-16.3	-13.6	- 9.5	-10.9	-15.0	0
-17.7	-20.4	-21.8	-20.4	-21.5	-20.4	-23.1	-19.1	-19.1	-13.6	-12.2	-18.7	1
-13.6	-16.3	- 9.5	-13.6	-13.6	-12.2	-12.2	- 8.2	- 6.8	- 8.2	- 8.2	-13.5	1
-16.3	-19.1	- 9.5	-17.7	-20.4	-20.4	-19.1	-16.3	-15.0	- 9.5	- 9.5	-15.1	2
-20.4	-19.1	-17.7	-20.4	-20.4	-19.1	-20.4	-27.2	-17.7	-16.3	-19.1	-18.0	1
-24.5	-21.8	-23.1	-20.4	-27.2	-25.9	-20.4	-24.5	-19.1	-12.2	-13.6	-21.6	1
-	-	-	-	-	-	-	- 2.7	4.1	6.8	4.1	-10.4	2
- 1.4	- 2.7	- 1.4	- 2.7	- 2.7	- 2.7	- 2.7	- 1.4	2.7	9.5	6.8	- 0.2	0
1.4	1.4	2.7	2.7	4.1	1.4	5.4	4.1	6.8	9.5	6.8	3.2	1
2.7	1.4	5.4	1.4	2.7	- 1.4	1.4	1.4	2.7	10.9	8.2	3.6	1
-14.7	-14.6	-12.5	-15.2	-15.6	-15.9	-14.0	-14.1	-10.7	- 7.0	- 6.1	12.6	
- 2.1	- 2.0	0.1	- 2.6	- 3.0	- 3.3	- 1.4	- 1.5	1.9	5.6	6.5		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.4	63.3	63.6	63.9	63.4	64.9	65.0	65.0	64.9	64.8	64.7	64.6	64.6	64.4	64.2
2	64.4	64.5	64.7	65.0	65.0	65.2	65.3	66.0	65.7	65.4	64.9	64.5	64.2	63.4	62.6
3	61.0	60.5	60.5	60.8	60.9	61.0	61.0	60.9	60.3	59.8	59.1	58.3	57.6	56.8	56.0
4	55.9	55.7	55.5	55.9	56.2	56.4	56.6	56.8	56.4	56.2	56.0	55.7	55.3	55.0	54.8
5	53.8	53.9	54.3	54.6	54.8	54.9	54.8	54.6	54.7	54.8	54.9	54.6	54.4	54.2	54.2
6	57.2	57.5	58.0	58.7	59.6	60.6	61.0	61.6	61.5	61.3	60.8	60.3	59.6	59.2	58.8
7	59.9	59.9	59.5	59.5	59.8	59.8	59.9	59.8	59.5	59.5	59.2	58.9	58.7	58.3	57.8
8	57.3	57.2	57.1	57.1	57.4	57.7	57.7	57.7	57.3	57.1	56.7	56.2	55.4	55.0	54.2
9	54.2	53.9	54.0	54.5	54.9	55.2	56.0	56.8	56.0	55.4	55.5	55.3	54.9	54.4	53.9
10	53.4	53.3	53.6	54.2	54.3	54.3	54.4	54.2	54.0	53.7	53.1	52.4	51.8	51.0	50.0
11	51.1	51.0	51.2	51.9	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.2	52.8	52.2
12	54.0	54.0	54.1	53.9	53.9	54.0	54.2	54.4	54.7	54.9	55.0	55.2	55.1	54.8	54.6
13	57.5	57.5	57.4	57.3	57.6	57.7	57.9	58.2	58.2	58.2	58.2	58.2	58.0	57.6	56.9
14	57.1	57.1	57.1	56.9	56.8	56.9	56.6	55.3	55.4	54.8	55.7	56.5	55.4	55.0	54.1
15	53.1	52.7	53.0	52.1	53.1	52.8	53.9	54.3	54.3	54.3	54.4	54.3	54.3	54.1	53.9
16	57.2	56.6	57.0	57.2	57.6	58.0	58.4	58.6	58.6	58.9	58.9	58.7	58.5	58.2	58.2
17	59.4	59.5	59.9	60.6	60.7	61.1	61.4	61.6	61.7	61.3	61.0	60.6	60.0	59.4	59.0
18	58.6	58.6	58.7	58.8	59.0	59.1	59.1	59.6	59.4	59.4	59.3	59.1	59.1	58.4	57.9
19	59.2	59.3	59.3	59.2	59.3	59.4	59.7	59.6	59.3	59.2	59.0	58.3	57.6	56.6	56.1
20	53.8	53.4	53.9	53.1	53.2	53.5	53.7	53.8	53.7	53.6	53.6	53.2	53.1	53.2	53.4
21	54.4	54.4	54.4	54.3	54.3	54.7	55.0	55.0	54.5	54.2	53.8	53.4	52.7	52.0	51.1
22	49.0	48.6	48.7	49.0	50.0	51.7	52.7	53.8	54.6	55.0	55.5	55.6	55.6	55.9	56.2
23	58.2	57.8	57.3	57.3	57.6	57.8	58.0	58.3	58.0	57.9	57.8	57.3	56.9	56.6	55.9
24	56.5	56.3	56.1	56.1	56.4	56.9	57.0	57.2	57.3	57.2	56.8	56.7	56.1	55.9	55.7
25	57.8	57.8	57.8	58.2	58.2	58.0	58.1	58.4	57.7	57.3	57.1	56.9	56.6	55.5	54.6
26	53.1	53.0	52.8	52.9	52.9	52.9	53.1	53.3	53.0	53.0	52.7	52.5	52.2	51.8	51.3
27	50.6	50.2	50.0	49.7	49.7	49.8	49.6	49.5	49.9	49.5	49.2	48.9	48.7	48.4	48.0
28	52.8	52.7	52.8	53.1	54.3	54.8	55.4	55.8	55.6	55.8	56.1	56.1	56.1	56.3	56.1
29	58.0	58.0	58.0	57.9	57.8	57.8	57.9	57.8	57.5	56.9	56.6	56.1	56.0	55.6	55.1
30	54.8	55.1	55.3	55.3	56.5	56.9	57.1	57.6	57.1	56.9	56.7	56.3	55.7	55.0	54.4
31															
Prom	56.2	56.1	56.2	56.3	56.6	56.9	57.1	57.3	57.1	57.0	56.8	56.6	56.2	55.8	55.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	13.1	12.2	11.7	11.4	10.7	10.9	13.2	14.7	15.6	18.7	19.9	20.6	20.6	21.0	20.9
2	13.5	12.1	10.9	10.2	9.8	9.6	12.4	15.2	17.0	18.5	18.5	19.0	19.9	20.8	20.8
3	14.9	14.3	13.7	13.2	12.7	12.7	14.7	17.0	18.0	19.5	20.4	21.1	21.6	22.5	22.4
4	12.3	12.6	12.8	12.6	12.7	13.1	17.0	19.8	22.0	22.8	24.1	24.7	24.7	23.9	22.9
5	16.8	15.9	16.1	16.2	16.2	16.2	16.6	18.8	21.0	23.0	24.0	24.9	25.4	25.7	25.5
6	11.3	10.4	9.6	9.9	10.0	10.3	12.9	15.0	16.7	18.1	18.9	18.8	20.6	21.4	21.3
7	11.6	10.9	11.0	11.0	11.1	11.6	14.3	16.2	17.3	19.1	20.3	20.9	21.0	20.7	19.6
8	12.0	11.6	11.6	11.8	12.1	12.3	18.3	20.4	21.0	22.4	23.4	24.4	25.0	25.0	24.9
9	18.4	17.1	17.1	17.1	16.9	17.0	17.2	17.4	17.3	18.1	19.6	21.2	23.0	23.9	23.8
10	18.6	17.9	18.1	18.2	18.1	18.9	20.8	21.8	22.5	23.6	25.0	26.5	28.2	28.8	28.4
11	15.3	14.6	15.2	15.6	16.0	16.3	16.6	17.0	17.7	18.5	18.8	19.9	19.9	20.1	20.9
12	16.2	15.6	15.1	14.4	13.5	13.3	13.9	17.6	18.8	19.5	19.7	20.4	20.6	20.5	20.5
13	8.6	6.9	5.9	5.8	5.5	5.7	9.9	14.0	15.0	16.3	17.4	18.8	19.6	20.2	20.2
14	11.4	10.8	9.8	10.0	10.0	10.8	13.0	13.8	14.4	15.6	15.9	16.0	15.6	15.2	14.7
15	11.8	12.1	12.2	12.2	12.2	12.3	12.3	12.2	11.9	12.1	13.5	14.4	16.3	16.4	17.2
16	8.0	7.5	7.0	6.3	6.4	7.6	12.3	16.2	17.1	18.5	19.4	20.7	21.2	21.2	20.7
17	10.8	10.9	11.8	12.1	12.4	12.7	13.5	13.8	14.4	15.0	17.6	18.8	19.8	20.4	20.3
18	12.4	11.8	12.0	11.2	11.3	12.1	15.6	19.6	20.5	21.7	23.0	24.1	24.7	24.7	24.8
19	13.9	13.1	13.5	13.8	14.1	14.5	16.5	18.4	18.6	18.8	20.0	21.4	22.6	23.4	22.1
20	16.8	16.8	16.5	16.1	15.7	16.2	17.3	19.6	20.6	21.9	23.1	23.9	23.3	20.0	16.5
21	13.2	12.4	12.5	11.7	10.4	10.9	13.6	17.6	19.8	21.5	23.0	23.8	24.1	24.8	25.0
22	11.6	11.5	12.5	11.9	12.8	13.5	13.9	14.9	14.9	15.6	16.3	16.5	16.7	16.1	15.3
23	5.7	5.9	6.1	6.7	6.9	8.6	12.6	16.2	17.9	19.7	21.7	23.2	24.3	25.2	25.5
24	12.9	12.0	12.1	11.8	11.7	12.1	16.6	20.6	22.3	23.9	25.1	25.8	26.3	26.2	26.4
25	14.5	14.1	14.1	13.7	13.4	14.1	15.7	17.8	19.3	20.7	22.0	23.1	23.3	24.1	23.9
26	16.7	16.8	16.1	15.5	15.7	15.7	15.9	16.4	17.7	19.2	20.9	21.5	22.6	22.4	23.1
27	13.9	13.3	13.5	13.6	13.2	15.0	19.1	22.2	24.1	24.9	25.9	27.6	28.0	29.2	29.0
28	15.0	13.8	12.9	12.6	12.7	13.6	17.0	20.0	21.1	22.1	22.2	22.2	22.1	22.2	21.9
29	12.2	11.6	11.3	11.6	10.9	12.1	15.5	17.8	18.7	19.7	21.2	22.0	22.8	23.2	23.1
30	15.5	15.5	15.7	15.7	15.8	16.6	18.5	20.0	20.6	21.9	24.6	25.9	27.0	28.5	28.8
31															
Prom	13.3	12.7	12.6	12.4	12.4	12.9	15.2	17.4	18.4	19.7	20.8	21.7	22.4	22.6	22.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
63.9	63.8	63.8	64.2	64.6	64.6	64.4	64.5	64.4	65.0	7,8	63.3	2	1.7	764.3 mm.	1019.0 mb.
62.0	61.4	63.1	61.4	61.2	61.3	61.2	61.0	61.2	66.0	8	61.0	23	5.0	63.5	1018.0
55.4	55.3	55.6	55.9	56.3	56.6	56.6	56.5	56.2	61.2	0	55.3	17	5.9	58.3	1011.0
54.8	55.0	55.5	54.8	55.4	55.8	55.9	55.2	54.2	56.8	8	54.2	19-20	2.6	55.6	1007.4—
54.2	54.4	54.7	55.2	55.8	56.4	56.7	56.9	57.1	57.1	24	53.6	1-2	3.5	55.0	1006.6
58.7	58.8	58.9	59.1	59.4	59.8	59.9	60.1	60.1	61.6	8	57.1	0	4.5	59.6	1012.8
57.7	57.6	57.3	57.5	57.4	57.2	57.4	57.7	57.7	60.1	0	57.2	21	2.9	58.7	1011.6
54.0	54.0	54.1	54.2	54.4	54.8	55.1	55.0	54.5	57.7	6,7,8	54.0	16,17	3.7	55.9	1007.8—
53.5	53.3	53.4	53.5	53.9	54.1	54.0	53.7	53.5	56.8	8	53.3	17	3.5	54.4	1005.8
49.4	48.9	48.8	48.0	50.6	53.0	51.5	51.2	51.6	53.1	21-22	48.0	19	5.1	52.1	1002.8
52.4	52.5	52.7	53.3	53.6	54.0	54.2	53.7	54.3	54.5	21	51.0	2	3.5	52.8	1003.7
54.8	55.2	55.5	56.3	56.5	56.9	57.2	57.4	58.0	58.0	24	53.9	4-5	4.1	55.2	1006.9—
56.4	56.3	56.3	56.4	56.8	57.0	57.0	56.9	57.1	58.2	8-12	56.3	17-18	1.9	57.4	1009.8
53.9	52.4	52.9	49.7	53.0	53.5	54.3	54.4	53.5	57.2	1-2	47.8	19-20	9.4	54.9	1006.5
54.0	54.3	54.6	55.1	55.6	56.2	56.5	56.6	56.6	56.6	23,24	49.0	4-5	7.6	54.3	1005.7
58.2	58.2	58.1	58.3	58.5	59.1	59.3	59.4	59.5	59.5	24	56.6	0,2	2.9	58.3	1011.0—
58.5	58.2	58.2	58.3	58.7	58.8	58.8	58.8	58.8	61.6	8	58.2	17,18	3.4	59.7	1012.9
57.8	57.8	57.8	58.4	58.9	59.2	59.5	59.3	59.4	59.6	8	57.8	16,17,18	1.8	58.8	1011.7
56.3	55.7	55.5	56.0	55.8	55.8	55.8	55.5	54.0	59.6	8	54.0	24	5.6	57.6	1010.1
53.0	52.5	53.0	53.0	53.4	54.5	54.5	54.4	54.1	54.5	21,22	52.5	17	2.0	53.2	1004.2—
50.4	49.9	50.1	50.1	50.1	50.5	50.5	50.2	49.5	55.0	7,8	49.8	24	5.2	52.1	1002.8
56.3	56.2	56.2	56.5	57.1	57.8	58.1	58.4	58.3	58.4	23	48.4	2-3	10.0	54.4	1005.8
55.6	55.3	55.4	55.7	56.0	56.3	56.5	56.7	56.8	58.3	1,8	55.3	17	3.0	57.0	1009.3
55.6	55.4	55.2	55.5	55.7	55.9	56.1	57.6	57.5	57.6	23	55.2	18	2.4	56.3	1008.4—
54.0	54.0	53.6	53.1	53.2	53.9	53.6	53.5	53.3	58.4	8	52.7	19-20	5.7	55.9	1007.8
51.1	50.9	50.9	51.0	51.3	51.7	51.6	51.3	51.2	53.3	0	50.9	17,18	2.4	52.1	1002.8
48.0	48.6	49.4	49.9	50.4	51.6	52.0	52.7	52.8	52.8	24	47.8	15-16	5.0	49.9	999.8
55.9	56.1	56.2	56.4	56.7	57.5	58.2	58.5	58.3	58.5	23	52.7	2	5.8	55.7	1007.6—
54.7	54.8	54.7	54.2	54.3	55.3	55.7	55.9	55.4	58.3	0	54.2	19	4.1	56.3	1008.4
54.2	54.2	54.1	54.1	54.2	54.5	54.5	54.3	54.0	57.6	8	54.1	18,19	3.5	55.4	1007.2
55.2	55.0	55.2	55.2	55.6	56.1	56.2	56.2	56.1	58.1		53.8		4.3	56.2	1008.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
20.5	19.7	18.3	16.3	14.8	14.1	14.2	14.2	13.5	21.0	14	10.4	5-6	10.6	15.9
20.6	20.1	18.6	16.9	16.6	15.6	14.8	14.5	15.0	20.8	14-15	9.6	6	11.2	15.8
22.8	22.0	20.8	19.0	17.4	16.2	15.3	14.0	13.4	22.9	15-16	12.7	5,6	10.2	17.5
22.6	22.3	21.1	19.5	19.7	19.4	18.7	18.3	17.7	25.1	12-13	12.3	1	12.8	19.0
25.5	24.1	21.8	19.4	16.8	15.5	15.1	14.0	12.8	25.9	14-15	12.8	24	13.1	19.5
21.1	18.3	16.6	15.5	14.8	14.1	13.5	12.2	11.6	21.4	14	9.6	3	11.8	15.1
19.0	18.4	17.9	16.7	15.8	15.0	15.0	14.3	13.3	21.0	13	11.0	3,4	10.0	15.9
24.5	23.5	21.8	19.6	18.8	18.4	18.4	18.4	18.4	25.0	13,14	11.6	2,3	13.4	19.1
23.7	23.4	22.5	21.1	20.0	19.5	19.3	19.3	18.9	23.9	14	16.9	5	7.0	19.7
27.9	26.2	24.4	22.5	22.2	16.7	16.2	16.3	15.7	29.0	13-14	15.7	24	13.3	21.8
20.9	20.6	19.6	18.8	18.0	17.5	16.9	16.7	16.6	20.9	15,16	14.6	2	6.3	17.8
19.2	18.0	16.5	14.3	12.8	11.6	10.4	9.7	8.8	20.6	13,14	8.8	24	11.8	15.8
19.8	19.5	18.0	15.6	13.8	13.6	13.0	12.9	11.9	20.2	15,16	5.4	5,6	14.8	13.6
13.9	12.9	12.3	12.2	12.4	11.8	11.8	11.8	11.8	16.0	12	9.8	3	6.2	12.8
17.1	16.8	15.9	14.0	11.8	10.7	9.6	8.6	8.0	17.4	15-16	8.0	24	9.4	13.0
19.9	19.5	18.4	16.5	14.7	13.0	12.1	11.9	11.2	21.4	13-14	6.3	4	15.1	14.7
20.1	20.0	18.1	16.9	15.6	14.2	13.4	12.7	12.7	20.6	13-14	10.7	1-2	9.9	15.3
23.2	22.0	20.2	16.6	16.0	14.7	14.6	14.5	13.7	24.7	14	11.2	4	13.5	17.7
16.0	16.8	16.7	16.6	16.4	16.5	16.5	16.5	16.7	23.6	14-15	13.1	2	10.5	17.2
16.3	16.3	16.3	15.9	15.4	15.1	14.7	14.2	13.7	24.3	12-13	13.7	24	10.6	17.6
25.1	23.6	22.2	19.1	17.0	16.0	14.4	12.6	12.4	25.1	16	10.3	5,6	14.8	17.8
15.1	14.9	14.1	12.3	9.4	7.5	6.8	6.1	5.7	16.7	13	5.7	24	11.0	12.7
25.3	24.7	21.4	18.4	16.3	14.8	14.2	13.8	13.2	25.5	15	5.7	0,1	19.8	16.2
26.4	25.9	23.2	21.1	20.6	19.8	19.8	17.8	15.2	26.4	15,16	11.6	5-6	14.8	19.8
23.3	19.9	18.4	18.3	17.4	16.9	16.7	16.6	16.7	24.1	14	13.4	5	10.7	17.4
23.0	22.8	21.9	19.9	17.8	16.3	15.4	14.6	14.2	23.1	15	14.2	24	8.9	18.4
28.9	27.5	25.6	22.2	20.5	19.2	18.0	17.4	16.3	29.2	14	13.2	5	16.0	21.2
21.7	21.4	20.2	18.1	15.2	15.0	14.2	13.1	12.8	22.2	11,12	12.7	5	9.5	17.6
22.4	21.7	20.4	18.9	18.1	15.8	14.9	15.1	15.4	23.2	14	10.9	5	12.3	17.4
28.7	28.5	26.9	25.1	23.0	21.6	20.1	19.7	19.9	28.8	15	15.5	1,2	13.3	21.8
21.8	21.4	20.0	17.9	16.6	15.5	14.9	14.4	13.9	23.0		11.2		11.8	17.2

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	85	88	87	82	82	80	72	66	61	55	48	43	45	44	47
2	87	81	81	83	85	83	71	62	56	47	47	48	50	49	47
3	69	74	80	83	86	85	78	70	68	59	54	52	54	48	51
4	97	98	94	93	94	92	78	74	60	58	54	50	59	54	68
5	95	95	84	86	87	90	86	77	65	56	52	52	51	48	46
6	75	80	79	79	81	83	67	60	45	39	40	42	43	40	38
7	83	85	79	78	77	73	63	55	52	41	33	37	44	45	51
8	95	94	95	94	94	93	56	46	39	40	35	37	34	37	35
9	65	75	76	80	84	87	86	85	87	81	73	64	61	55	56
10	85	93	95	93	94	87	81	76	73	70	65	63	58	57	58
11	98	98	98	98	98	97	96	94	88	83	84	78	79	81	77
12	97	96	94	94	93	88	76	57	50	45	42	39	45	45	46
13	93	95	96	97	97	95	72	57	51	48	47	45	41	42	45
14	96	96	96	96	92	85	78	71	66	57	57	58	70	76	78
15	94	94	94	94	92	93	95	95	94	88	80	75	68	67	60
16	100	100	100	99	99	99	85	75	70	64	55	40	44	53	58
17	95	93	88	84	86	89	89	91	88	82	67	60	57	55	56
18	96	100	100	100	100	99	84	74	67	60	53	45	49	47	46
19	97	95	95	96	97	97	90	74	58	61	58	59	59	58	68
20	88	87	89	87	86	75	72	68	59	56	53	51	64	72	89
21	96	96	97	97	97	97	86	74	58	52	42	32	32	30	30
22	74	74	69	73	63	62	60	59	49	51	44	43	40	40	45
23	93	84	83	79	80	68	65	47	40	37	34	33	29	29	27
24	83	86	90	88	89	82	64	49	43	44	35	29	27	29	30
25	84	84	84	86	91	92	82	82	83	74	65	56	59	54	65
26	95	96	96	96	96	96	96	92	85	78	72	64	61	61	56
27	97	97	98	98	98	96	86	74	67	61	58	55	48	40	47
28	91	96	97	98	96	83	63	45	37	36	30	37	36	35	38
29	86	91	81	60	71	81	76	62	53	45	44	38	38	37	39
30	68	64	60	61	65	62	58	58	61	62	58	54	52	43	40
31															
Prom.	89	90	88	88	88	86	77	69	62	57	53	49	50	49	51

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	9.0	9.0	8.0	7.8	7.4	8.0	8.2	8.0	8.5	8.0	7.6	7.6	8.2	8.5
2	10.0	8.5	7.8	7.6	7.4	7.4	7.6	8.0	8.0	7.6	7.6	7.8	8.0	8.9	8.5
3	8.5	8.5	9.0	9.0	9.0	9.0	9.5	10.1	10.5	9.5	12.0	9.5	10.0	9.7	10.5
4	11.0	10.0	9.0	9.5	10.0	10.0	11.0	12.4	11.5	11.5	11.5	11.0	13.0	10.5	13.5
5	13.0	12.0	11.0	12.0	12.0	12.0	12.0	12.4	11.5	12.0	11.5	12.0	12.0	11.8	11.5
6	7.2	7.2	6.8	7.0	7.6	7.6	7.4	7.6	6.0	5.8	6.0	6.8	6.8	7.4	7.0
7	8.0	7.8	7.6	7.6	7.6	7.4	7.6	7.6	6.4	7.0	5.8	6.8	7.8	8.3	8.5
8	9.5	9.0	9.0	9.5	9.5	9.0	9.0	8.3	7.0	7.6	7.6	8.7	7.6	8.6	7.6
9	9.5	10.5	11.0	11.0	11.5	12.5	12.5	12.5	12.5	12.5	12.0	11.5	13.0	12.0	12.5
10	13.0	14.0	14.0	14.0	14.0	14.0	15.0	14.8	14.5	14.5	14.5	16.0	16.0	16.6	16.5
11	12.5	12.0	12.5	12.5	13.0	13.0	13.5	13.5	11.0	13.0	13.0	13.0	12.5	14.2	14.0
12	13.0	12.5	11.5	11.0	10.5	10.0	9.0	8.6	7.6	7.2	7.2	6.8	7.6	8.2	8.5
13	7.4	6.8	6.6	6.6	6.6	6.2	6.4	6.8	6.6	6.6	7.0	6.8	7.2	7.4	7.4
14	9.5	9.0	8.5	8.5	8.5	7.8	8.5	8.4	8.0	7.6	7.6	7.8	8.5	9.8	9.5
15	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.1	9.5	9.0	8.5	8.5	9.0	9.4	8.0
16	7.8	7.4	7.2	7.0	7.4	7.4	8.5	10.3	9.5	10.0	8.5	6.2	7.8	10.9	10.0
17	8.5	9.0	9.0	8.5	9.0	9.5	10.0	10.7	10.5	10.5	10.0	9.0	9.5	10.0	10.0
18	10.0	10.0	10.0	9.5	9.5	10.0	10.5	12.6	12.0	11.0	11.0	9.5	11.0	10.1	11.0
19	11.5	10.0	10.5	10.5	11.5	12.0	12.0	11.6	9.0	10.0	10.0	10.0	11.5	12.7	13.0
20	12.0	12.0	12.0	12.0	11.5	10.0	10.5	10.8	10.0	11.0	11.0	11.5	13.0	12.6	12.0
21	11.0	10.5	10.5	10.0	9.0	9.0	10.0	11.0	9.5	10.0	8.5	7.2	7.2	7.0	6.4
22	7.2	7.2	7.2	7.4	6.8	7.2	6.8	7.4	6.0	6.8	5.8	6.0	5.2	5.4	5.4
23	6.2	5.6	5.8	5.8	5.6	5.6	6.8	6.4	5.6	6.4	6.2	7.0	6.2	7.0	6.6
24	9.0	9.0	9.0	9.0	9.0	8.5	8.5	8.7	8.5	9.5	7.8	6.8	7.0	7.3	7.0
25	10.0	9.5	9.5	10.0	10.5	11.0	11.0	12.4	13.5	13.0	12.0	12.0	12.0	12.1	13.5
26	13.0	13.5	13.0	12.5	12.5	12.5	13.0	12.7	12.5	12.5	13.0	12.0	12.5	12.2	12.0
27	11.5	11.0	11.0	11.0	11.0	12.0	14.0	14.7	15.0	14.5	14.0	14.5	13.5	12.1	14.0
28	11.5	11.0	10.5	10.5	10.5	9.5	8.5	8.0	7.0	7.4	5.4	7.4	7.4	6.7	7.2
29	9.0	9.0	9.0	5.8	7.0	8.5	10.0	9.3	8.0	7.2	8.0	7.4	7.8	8.0	7.8
30	8.5	8.0	7.6	8.0	8.5	8.5	9.0	10.2	11.0	12.0	13.0	13.0	14.5	12.7	11.0
31															
Prom.	9.9	9.6	9.5	9.4	9.5	9.5	9.8	10.2	9.5	9.7	9.5	9.3	9.8	9.9	10.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
48	46	51	63	74	79	80	88	91	91	24	42	12-13	49	67
51	53	67	78	81	87	92	80	68	95	22-23	46	14-15	49	68
47	46	53	64	84	93	95	96	97	98	23-24	46	17	52	70
69	70	78	84	71	72	85	86	88	98	2	49	11-12	49	76
41	41	42	51	58	59	54	58	62	95	1-2	40	15-16	55	64
36	64	73	74	74	74	75	83	86	85	5-6	36	16	49	63
53	59	61	66	77	84	79	84	92	92	24	32	11-12	60	64
38	41	48	70	77	78	81	78	64	95	1,3	33	12-13	62	62
56	61	64	67	76	85	89	89	89	89	22-23-24	52	15-16	37	75
58	63	72	80	77	97	98	98	98	98	22-23-24	55	16-17	43	79
76	75	78	83	88	93	98	98	97	98	varios	74	16-17	24	89
50	54	58	66	72	78	84	87	92	97	0-1	37	11-12	60	69
47	51	58	69	76	79	87	88	96	97	4-5	43	13	54	70
82	88	87	92	90	91	93	93	94	96	0-4	56	10-11	40	82
59	62	68	79	93	98	98	99	100	100	24	59	16	41	85
48	52	61	74	81	89	87	93	95	100	0-3	40	12	60	75
57	64	72	71	75	90	96	99	95	100	23-24	52	13-14	48	79
56	58	61	89	85	86	85	86	93	100	2-5	42	14-15	58	78
93	92	93	93	88	90	86	89	92	97	5-6	56	14-15	41	82
89	89	92	92	93	94	95	95	96	96	24	47	12-13	49	84
31	35	40	51	59	59	66	80	73	97	3-6	28	13-14	69	63
49	47	51	67	86	93	99	100	98	100	23	36	13-14	64	64
25	29	50	67	73	79	78	78	81	98	0	24	16-17	74	58
33	35	55	61	61	70	77	79	84	90	3	25	12-13	65	59
66	93	95	95	94	96	96	96	96	96	21-24	54	14	42	82
56	55	60	74	86	92	94	95	97	97	24	54	14-15	43	81
41	48	57	64	76	80	81	79	83	98	3,4,5	38	14-15	60	72
38	41	45	55	76	76	81	88	87	98	4	30	11	68	63
42	43	52	58	61	82	90	76	63	91	2	37	14	54	61
39	40	48	63	73	81	89	86	84	89	22	39	16	50	61
52	56	63	72	78	83	86	87	88	96		44		52	71

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.5	8.0	8.0	8.5	9.3	9.0	9.0	10.5	10.5	10.5	23,24	7.4	6	3.1	8.5
9.5	9.0	10.5	11.0	11.0	11.5	11.5	9.5	8.5	11.5	21,22	7.4	5,6	4.1	8.9
9.5	9.0	9.5	10.0	12.4	12.5	12.0	11.5	11.0	12.5	21	8.5	1,2	4.0	10.1
13.5	13.5	15.0	14.0	12.3	12.0	13.0	13.5	13.0	15.0	18	9.0	3	6.0	11.9
10.0	9.5	8.0	8.5	9.6	7.6	6.6	5.6	6.8	13.0	1	5.6	23	7.4	10.5
7.0	9.5	10.0	9.5	9.3	8.5	8.0	8.5	8.5	9.5	19	6.0	9,11	3.5	7.6
8.5	9.0	9.5	9.5	10.2	9.5	10.5	9.0	7.0	10.2	20	5.8	11	4.4	8.1
8.5	9.0	9.0	11.0	12.4	12.0	13.0	12.0	9.5	13.0	22	7.0	9	6.0	9.3
12.5	13.0	12.5	12.5	13.2	13.5	14.5	14.5	14.0	14.5	22,23	9.5	1	5.0	12.4
16.0	15.5	16.5	15.5	15.4	13.5	13.0	13.0	13.0	16.6	14	1.3	varios	15.3	14.7
14.0	13.0	13.0	13.0	13.5	13.5	13.5	13.5	13.5	14.2	14	11.0	9	3.2	13.1
7.8	8.0	8.0	8.0	8.0	7.8	7.6	7.8	7.8	13.0	1	6.8	12	6.2	8.7
8.0	8.5	8.5	8.5	8.9	9.0	9.5	9.5	10.0	10.0	24	6.2	6	3.8	7.6
9.5	9.5	9.0	9.5	9.7	9.5	9.5	9.5	9.5	9.8	14	7.6	10-11	2.2	8.9
8.0	8.5	7.2	8.0	9.6	9.0	8.5	8.0	7.8	10.1	8	7.2	18	2.9	8.9
8.0	8.5	9.5	10.5	10.1	9.5	9.0	9.5	9.0	10.9	14	6.2	12	4.7	8.7
10.0	10.5	11.0	10.0	9.8	10.5	11.0	10.5	10.0	10.7	8	8.5	1,4	2.2	9.9
12.0	11.0	11.0	12.0	10.5	10.5	10.0	10.5	10.5	12.6	8	9.5	4,5,12	3.1	10.6
12.5	13.0	13.0	13.0	11.5	12.0	12.0	12.0	13.0	13.0	varios	9.0	9	4.0	11.6
12.0	12.0	12.5	12.0	12.2	11.5	11.5	11.0	11.0	13.0	13	10.0	6,9	3.0	11.6
7.6	7.0	7.4	8.5	8.5	7.8	8.0	8.0	7.8	11.1	8	6.4	15	4.7	8.6
6.0	6.0	6.2	7.2	7.7	7.0	7.2	6.8	6.6	7.7	20	5.2	13	2.5	6.6
5.4	6.4	9.0	10.5	10.1	9.5	9.0	9.0	9.0	10.5	19	5.4	16	5.1	7.1
8.0	8.0	11.0	11.5	11.0	11.5	13.0	11.5	10.5	13.0	21	6.8	12	6.2	9.2
13.5	16.0	14.5	14.5	13.9	14.0	14.0	14.0	14.0	14.5	18,19	9.5	2,3	5.0	12.5
12.0	10.5	11.0	12.5	13.0	12.5	12.0	11.5	11.5	13.5	2	10.5	17	3.0	12.3
12.5	13.0	14.5	14.5	13.6	15.0	14.0	13.5	13.0	14.7	8	11.0	varios	3.7	13.2
7.2	8.0	7.6	8.0	9.8	9.5	9.5	9.5	9.5	11.5	1	5.4	11	6.1	8.6
8.5	8.5	9.5	9.0	9.4	11.0	11.0	9.5	8.0	11.0	21,22	5.8	4	5.2	8.6
11.0	11.0	12.5	14.5	15.2	15.5	15.0	14.5	14.0	15.5	21	7.6	3	7.9	11.6
9.9	10.1	10.5	10.8	11.0	10.8	10.9	10.9	10.3	12.2		7.4		4.8	10.0

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
DÍAS	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	E	9	E	6	E	10	E	12	E	13	E	11	E	14	NE	18	NE	17	NE	14	E	13	E	16	E	16	E	16	E	16
2	E	8	NE	8	NE	8	NE	8	E	7	E	8	NE	13	NE	16	NE	13	E	14	E	17	E	18	E	18	E	20	E	19
3	E	22	E	21	NE	16	NE	15	E	16	E	18	E	17	E	20	E	24	NE	16	E	17	E	18	E	17	E	12	NE	10
4	Calma	1	N	5	N	6	NW	7	NW	3	N	2	W	2	SW	3	S	10	S	7	S	7	S	7	SE	11	E	13	E	13
5	SW	2	Calma	1	SW	10	SW	6	SW	2	Calma	1	Calma	1	SW	3	SW	3	SW	6	SW	8	S	5	S	7	S	10	S	11
6	S	2	S	2	S	4	S	4	S	6	S	6	S	8	S	10	S	11	S	9	S	8	S	8	S	7	S	6	S	7
7	NE	11	NE	8	NE	10	NE	10	NE	11	NE	13	NE	17	NE	22	NE	22	N	19	N	15	N	15	N	16	N	25	N	18
8	Calma	0	SW	2	Calma	1	Calma	1	E	2	E	2	NE	8	NE	16	NE	16	NE	16	NE	18	NE	18	E	18	E	23	E	21
9	E	10	E	12	E	12	E	12	E	13	E	13	E	13	E	13	NE	16	NE	18	SE	6	E	8	E	10	E	14	E	16
10	E	10	E	9	E	9	E	9	E	10	E	11	E	14	E	20	NE	27	NE	19	NE	16	NE	16	NE	18	NE	22	NE	20
11	N	4	Calma	1	Calma	1	SW	12	SW	10	SW	12	SW	14	SW	16	S	16	S	18	S	14	S	12	S	4	Calma	1	S	3
12	Calma	0	Calma	0	Calma	0	Calma	1	SW	3	SW	4	W	4	SW	6	S	11	S	13	S	10	S	8	S	12	S	12	S	13
13	SW	3	SW	3	SW	2	SW	5	SW	3	SW	3	SW	4	S	4	S	10	S	8	S	7	S	6	S	7	S	7	S	7
14	NE	6	NE	5	NE	7	E	5	E	8	E	11	E	22	E	26	NE	25	NE	25	NE	11	NE	4	E	5	E	5	E	9
15	SE	6	E	7	E	4	S	4	E	12	NW	5	NW	7	W	4	S	7	S	13	S	13	S	15	S	12	S	15	S	15
16	Calma	0	Calma	0	Calma	0	Calma	1	Calma	0	Calma	0	Calma	1	E	3	N	6	N	4	N	4	N	5	N	4	N	5	N	7
17	N	2	NE	4	N	9	N	8	N	5	N	6	N	5	N	4	N	10	N	9	N	10	N	12	N	12	N	8	N	10
18	N	5	N	7	N	6	N	5	N	6	N	6	N	6	N	6	N	10	N	8	N	6	N	3	N	6	N	4	N	5
19	E	3	SE	5	SE	2	E	5	E	4	E	5	E	4	NE	6	N	14	N	8	N	3	N	4	N	3	N	8	N	12
20	N	6	N	10	N	10	N	13	N	18	N	21	N	24	N	20	N	24	N	19	N	17	N	12	NW	12	NW	17	W	14
21	NW	7	NW	5	W	5	W	4	Calma	1	Calma	0	N	2	N	6	N	15	NW	13	NW	12	NW	17	NW	16	NW	22	NW	23
22	N	9	N	11	NW	13	NW	18	W	14	W	16	S	15	S	16	S	15	S	12	S	16	S	15	S	14	S	12	S	9
23	W	5	W	8	W	7	NW	7	NW	7	NW	8	NW	10	NW	17	NW	22	NW	20	NW	17	W	19	W	17	W	18	W	15
24	NW	6	NW	5	NW	6	NW	7	NW	7	NW	7	NW	10	NW	15	N	18	N	16	N	16	N	20	N	20	N	23	N	16
25	S	10	S	8	S	6	S	2	S	3	Calma	1	E	5	E	9	E	11	E	11	E	13	NE	10	NE	6	N	4	NE	3
26	SE	2	SE	2	NW	2	Calma	1	Calma	0	Calma	0	W	2	W	6	W	9	W	9	W	9	W	10	W	8	W	7	W	8
27	NW	3	NW	4	NW	4	NW	5	NW	5	NW	7	NW	10	N	4	NW	16	W	13	W	19	W	18	W	18	W	14	SW	14
28	SE	3	SE	2	Calma	0	SE	3	S	4	S	5	S	5	S	5	S	6	S	5	S	8	S	10	S	8	S	9	S	10
29	SE	5	SE	5	SE	5	E	5	E	7	N	3	N	10	N	16	N	18	N	17	N	16	N	20	N	16	N	13	N	17
30	NE	8	NE	10	NE	13	NE	16	E	9	NE	12	NE	18	NE	15	N	18	N	19	N	18	N	18	N	14	NW	9	W	10
31																														
DIRECCIÓN PREVALENTE	E		NE E		NE Calma		E		E		E		E		N NE E		N		N		N		N S		N S		N		S	
NUMERO DE HORAS	6		5		5		6		11		8		7		6		9		9		9		9		8		8		8	
PROM. HOR. DE LA VELOCIDAD		6		6		6		7		7		7		10		12		15		13		12		12		12		12		12

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	16	E	16	E	10	E	8	E	8	E	10	E	10	SE	7	SE	5	E	19	12	33	E	12.20
E	16	E	13	E	15	SE	11	SE	8	SE	7	SE	5	E	11	E	21	E	14	12	34	NE	23.36
N	14	N	14	N	9	N	5	N	5	N	3	N	4	N	2	Calma	0	E	11	13	31	NE	8.01
NE	9	NE	4	NE	4	N	4	NW	9	SW	3	SW	2	SW	3	SW	5	SW	5	6	32	S	19.04
S	11	S	10	S	8	S	5	S	5	S	5	S	6	S	6	S	4	S	13	6	28	SW	14.30
S	7	E	14	NE	13	E	11	E	10	E	11	E	7	NE	6	NE	7	S	16	8	29	S	14.12
N	16	N	11	N	6	N	5	Calma	1	Calma	1	NE	4	NW	2	Calma	1	NE N	10	12	42	N	13.08
E	19	E	15	E	14	E	14	E	12	E	9	NE	9	NE	9	NE	13	E	11	12	39	NE	13.48
E	16	E	16	E	12	E	7	E	7	E	8	E	8	E	8	E	8	E	21	12	43	S	9.30
NE	20	NE	18	N	11	N	7	N	10	SW	24	S	16	S	12	S	6	E	8	15	66	SW	20.05
S	6	S	8	S	3	S	4	S	2	Calma	1	S	3	S	4	Calma	1	SW	10	7	30	S	8.52
S	16	S	13	S	9	S	9	S	5	S	4	S	4	SW	3	SW	2	S	14	7	40	SW	16.46
S	8	S	8	S	6	S	5	SE	5	SE	5	E	6	E	7	E	6	S	12	6	39	S	13.28
E	12	E	13	E	14	E	6	S	23	SE	17	SE	13	SE	11	SE	12	E	12	12	59	S	19.18
S	15	S	14	S	12	S	5	S	2	Calma	0	Calma	0	Calma	0	SE	2	S	13	8	41	S	16.10
NE	13	NE	11	NE	10	E	6	E	5	E	2	E	3	E	3	N	3	N	8	4	24	NE	14.44
N	12	N	12	N	9	N	9	N	3	N	3	N	4	N	5	N	5	N	23	7	27	NW	3.05
NE	10	NE	9	NE	9	E	11	E	5	E	5	E	5	E	5	E	5	N	15	6	30	E	18.10
N	14	E	7	E	5	E	5	NE	8	NE	8	NE	7	NE	5	NE	7	E N	8	6	48	N	15.05
NW	10	N	10	W	4	NW	4	NW	3	NW	6	NW	4	NW	5	NW	4	N	13	12	40	SW	13.51
NW	18	NW	16	NW	9	NW	5	NW	4	NW	7	NW	6	NW	3	N	7	NW	16	9	50	NW	14.20
S	8	S	8	S	8	S	3	S	2	Calma	1	SW	2	SW	2	W	3	S	14	10	42	SW	5.21
W	14	W	13	NW	9	N	10	N	9	N	7	NW	8	NW	6	NW	6	NW	12	12	43	W	11.32
N	11	N	15	NE	12	E	9	E	9	E	9	E	10	E	8	S	18	N	9	12	40	N	13.10
E	4	S	7	S	11	S	7	S	6	S	15	S	7	SE	3	SE	2	S	11	7	58	SW	20.00
SW	8	W	9	W	6	W	3	W	3	W	3	Calma	1	SW	2	Calma	1	W	15	5	26	W	12.53
SW	14	S	16	S	15	S	5	S	4	S	3	S	3	SE	4	SE	4	NW	8	9	39	W	11.45
S	10	S	10	S	10	S	3	S	2	SE	4	SE	5	SE	6	SE	7	S	16	6	32	S	15.35
N	13	N	14	N	12	E	11	E	6	Calma	1	E	2	NE	4	NE	10	N	13	10	37	N	14.59
W	8	NW	5	W	2	W	2	N	3	E	4	E	4	NE	9	NE	11	NE	9	11	37	N	10.32
S		S		S		E		S		E		E		E		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		60 Km.		
8		9		9		10		9		8		9		6		6		E	148	9	DIRECCIÓN	DÍA	HORA
	12		12		9		7		6		6		6		5		6				SW	10	de 20.00 a 20.05

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1			3	49	19	230	2	12										291
2			6	66	14	205	4	31										302
3	8	56	4	57	11	202											1	315
4	4	17	3	17	2	26	1	11	4	31	5	16	1	2	3	19	1	140
5									13	93	8	40					3	136
6			3	26	5	53			16	105								184
7	10	146	10	128											1	2	3	279
8			9	123	11	149					1	2					3	276
9			2	34	21	236	1	6										276
10	3	28	9	176	8	92			3	34	1	24						354
11	1	4							8	33	10	128					5	170
12									14	139	5	18	1	4			4	162
13					3	19	2	10	12	83	7	23						135
14			7	83	12	136	4	53	1	23								295
15					3	23	2	8	13	142			1	4	2	12	3	189
16	8	38	3	34	6	22											7	96
17	23	172	1	4														176
18	15	89	3	28	6	36												153
19	8	66	6	41	8	38	2	7										152
20	13	204											2	18	9	65		287
21	4	30											2	9	16	180	2	220
22	2	20							14	153	2	4	3	33	2	31	1	242
23	3	26											9	116	12	137		279
24	9	155	1	12	5	45			1	18					8	63		293
25	1	4	3	19	6	53	2	5	11	82							1	164
26							2	4			1	2	15	100	1	2	5	111
27	1	4					2	8	6	46	2	28	5	82	8	54		222
28							7	30	16	110							1	140
29	13	185	2	14	5	31	3	15									1	246
30	6	90	9	112	3	17							4	22	2	14		255
31																		
SUMAS	132	1334	84	1023	148	1613	34	200	132	1092	42	285	43	390	64	579	41	6540
% PREVAL POR VELOCIDAD	20.4		15.6		24.7		3.0		16.7		4.4		6.0		8.8		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		12		11		6		8		7		9		9		0	218

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	3	6	4	2	2	1	3	4
1 - 2	4	5	5	4	2	2	1	3	4
2 - 3	4	5	4	2	2	2	2	4	5
3 - 4	3	4	6	1	3	3	1	5	4
4 - 5	3	1	11	0	3	4	1	4	3
5 - 6	5	2	8	0	2	3	1	4	5
6 - 7	5	4	7	0	3	2	3	4	2
7 - 8	6	6	6	0	4	4	2	2	0
8 - 9	9	7	2	0	8	1	1	2	0
9 - 10	9	6	2	0	8	1	2	2	0
10 - 11	9	3	4	1	8	1	2	2	0
11 - 12	9	4	4	0	9	0	3	1	0
12 - 13	8	2	6	1	8	0	3	2	0
13 - 14	8	1	7	0	7	0	3	3	1
14 - 15	7	3	6	0	8	1	4	1	0
15 - 16	6	4	6	0	8	2	2	2	0
16 - 17	6	4	7	0	9	0	2	2	0
17 - 18	5	5	6	0	9	0	3	2	0
18 - 19	6	0	10	1	9	0	2	2	0
19 - 20	5	1	8	2	9	0	1	3	1
20 - 21	3	1	8	4	4	2	1	2	5
21 - 22	2	3	9	3	6	2	0	3	2
22 - 23	2	5	6	5	3	4	0	4	1
23 - 24	3	5	4	6	3	2	1	2	4
SUMAS	132	84	148	34	137	38	42	64	41
% de frec. por dirección	18.3	11.7	20.6	4.7	19.0	5.3	5.8	8.9	5.7

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	99	99	98
2	Claro	0	Claro	0	Cu	1	Cc	1	Ac	4	9	9	7
3	Claro	0	Cu	5	Cu 3 Ac 2 Cc 1	6	Ac 4 Ci 1	5	Sc	2	8	8	8
4	Claro	0	Ci	1	As	8	Cs	8	As	8	9	8	8
5	Ci	7	Ac	7	Cu 2 Ci 1	3	Cu	1	Claro	0	8	9	8
6	Claro	0	Claro	0	Cs	6	Ci	8	Cs	1	9	8	8
7	[illegible]ro	0	Cs	8	As	8	As 6 Cu 1	7	As	8	8	7	7
8	[illegible]	1	Claro	0	Ci	3	Cs	2	Ci	1	9	9	8
9	As	8	As	7	Ci	1	Ci	1	Claro	0	8	9	7
10	Cs	7	Ci	6	Cu 1 Cc 4	5	Sc 5 Ci 2	7	Ns	8	8	7	3
11	St	8	St	8	St	8	Sc	7	Sc	4	7	7	8
12	Claro	0	Claro	0	Ci	2	Sc 1 Cc 5	6	Claro	0	9	9	9
13	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
14	Ac	7	As	8	Fs	8	Fs	8	St	8	8	6	7
15	Fs	8	Fc	8	Sc	7	Cu	1	Claro	0	7	9	8
16	Ac	1	Cu 2 Ac 1 Ci 1	4	Cu 3 Ci 2	5	Ci	1	Claro	0	6	7	7
17	Fs	8	Sc	8	Sc	6	Ac 2 Ci 2	4	Ac 2 Ci 1	3	7	8	7
18	Cs	3	Cu	4	Cu 2 Ac 1 Cs 4	7	Sc	7	Sc	7	8	8	8
19	Sc	8	Ac	7	Cu 4 Ci 1	5	Ac	7	Ac	5	7	7	7
20	Cc	3	Cu 2 Ci 3	5	Fs	8	Fs	8	As	8	8	7	7
21	Ci	2	Claro	0	Claro	0	Claro	0	Ci	1	8	7	8
22	Ci	3	Ci	2	As	7	Sc 3 Ci 2	5	Claro	0	8	8	8
23	Ci	1	Claro	0	Claro	0	Claro	0	Claro	0	8	8	8
24	Claro	0	Claro	0	Claro	0	Ci	1	Ac	2	9	8	7
25	Fs 4 As 4	8	Sc	8	As	7	Fs	8	Fs	8	4	7	7
26	As	8	Cu	5	Cu	5	Cu	1	Claro	0	7	8	8
27	Ac	1	Ac	1	Ac 5 Ci 1	6	Ci	2	Claro	0	8	8	8
28	Ac	1	Ac	3	Cs	5	Cu 1 Cs 5	6	Claro	0	9	9	9
29	Cc	2	Cc	3	Ac 3 Cs 4	7	Ac 3 Cc 2	5	As	4	8	8	7
30	Claro	0	Claro	0	Cu	2	Cu	1	Cu	5	7	9	8
31													
Prom.		3		4		5		4		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	42.0	22.0	1.63	0	5	5	
	10	45.9	24.8	1.72	0	5	5	
	12	46.5	26.1	1.66	1	5	5	
	14	46.0	25.8	1.64	1	5	5	
	15	44.5	25.1	1.58	1	5	5	
2	9	42.5	22.3	1.64	0	5	5	
	10	45.4	24.0	1.74	0	5	5	
	12	45.6	24.9	1.68	0	5	5	
	14	46.2	26.5	1.60	1	5	5	
	15	44.5	25.5	1.54	1	5	5	
3	9	45.0	24.2	1.69	0	5	5	
	10	47.5	26.3	1.72	1	5	5	
	12	50.4	28.1	1.81	4	3	5	
	14	44.0	27.3	1.36	6	1	5	
	15	43.3	27.2	1.31	4	5	5	
4	9	42.0	26.0	1.30	0	5	5	
	10	50.5	29.5	1.71	0	5	5	
	12	51.7	31.5	1.64	2	5	5	
	14	36.2	26.2	0.81	8	1	5	
	15	34.0	25.0	0.73	8	1	4	Ne.
5	9	47.4	27.3	1.63	7	3	5	
	10	49.5	29.1	1.66	1	5	5	
	12	46.6	29.4	1.40	4	3	5	
	14	51.8	31.2	1.67	3	5	5	
	15	45.2	29.2	1.30	3	3	5	
6	9	44.0	23.5	1.67	0	5	5	
	10	45.7	24.3	1.74	0	5	5	
	12	47.5	26.5	1.71	1	5	5	
	14	43.2	25.7	1.42	6	5	5	
	15	44.6	26.5	1.47	6	4	5	
7	9	41.5	23.3	1.48	1	5	5	
	10	47.0	25.8	1.72	2	5	5	
	12	46.9	27.2	1.60	8	2	5	Ds., Js.
	14	35.5	23.5	0.98	8	0	5	
	15	38.0	21.4	1.35	8	0	5	
8	9	46.7	22.3	-	0	5	5	
	10	48.3	28.3	1.63	0	5	5	
	12	49.6	30.0	1.59	0	5	5	
	14	49.5	30.5	1.54	3	5	5	
	15	47.5	29.5	1.46	1	5	5	
9	9	22.1	18.1	0.32	8	0	4	
	10	29.8	20.6	0.75	8	0	4	
	12	45.5	26.7	1.53	6	1	4	
	14	48.3	30.5	1.45	1	5	5	
	15	47.3	28.7	1.51	1	5	5	
10	9	44.0	27.2	1.36	6	4	4	B.
	10	47.0	29.2	1.45	3	4	4	B.
	12	52.7	32.6	1.63	1	5	4	B.
	14	48.5	32.8	1.28	5	4	4	
	15	52.2	33.5	1.52	6	5	4	B.
11	9	30.6	21.6	0.73	8	0	4	
	10	26.3	20.1	0.50	8	0	4	
	12	33.5	22.9	0.86	8	0	4	
	14				8	0	4	Z.
	15	40.1	25.7	1.17	7	1	4	
12	9	45.5	25.0	1.67	0	5	5	
	10	46.6	25.7	1.70	0	5	5	
	12	48.5	27.4	1.72	0	5	5	
	14	46.4	26.5	1.62	2	5	5	
	15	41.7	25.0	1.36	4	5	5	
13	9	43.5	22.0	1.75	0	5	5	Vx.
	10	45.5	23.5	1.79	0	5	5	Vx.
	12	46.5	25.1	1.74	0	5	5	
	14	46.5	25.6	1.70	0	5	5	Vx.
	15	44.5	25.5	1.54	0	5	5	
14	9	41.7	20.7	1.71	3	3	5	
	10	45.0	22.4	1.84	6	3	5	
	12	18.3	15.7	0.21	8	0	5	
	14				8	0	4	LL.
	15				8	0	4	Z.
15	9				8	0	4	Z.
	10				8	0	4	Z.
	12	28.8	18.0	0.88	8	0	5	
	14	28.8	19.1	0.79	7	0	5	
	15	41.0	23.6	1.41	4	5	5	
16	9	44.0	23.5	1.67	1	5	5	
	10	46.0	25.3	1.68	2	5	5	
	12	45.0	26.8	1.48	5	5	5	
	14	34.6	23.5	0.90	5	3	5	
	15	27.2	22.2	0.41	5	3	5	
17	9				8	0	4	Z.
	10				8	0	4	Am.
	12	44.0	25.6	1.50	7	0	5	
	14	36.0	23.8	0.99	6	1	5	
	15	35.7	23.4	1.00	5	1	5	
18	9	44.5	25.5	1.54	1	5	5	
	10	49.7	28.3	1.74	3	5	5	
	12	42.1	27.6	1.18	6	1	5	
	14	48.3	29.6	1.52	7	2	5	
	15	37.3	26.6	0.87	7	0	5	
19	9	29.3	20.4	0.72	8	0	5	
	10	36.6	23.2	1.09	8	0	5	
	12	41.9	25.5	1.33	7	1	5	
	14	44.2	27.5	1.36	5	3	5	
	15				8	0	4	Z.
20	9	46.3	26.3	1.63	1	5	5	
	10	48.4	28.6	1.61	1	5	5	
	12	51.2	31.1	1.63	6	3	5	
	14				8	0	4	Am.
	15				8	0	3	LL.
21	9	45.5	25.0	1.67	1	5	5	
	10	46.8	27.0	1.61	0	5	5	
	12	49.2	29.5	1.60	0	5	5	
	14	49.0	30.0	1.54	0	5	4	B.
	15	47.5	39.0	0.69	0	5	4	B.
22	9	42.3	21.3	1.71	2	5	5	
	10	43.4	22.2	1.72	1	5	5	
	12	42.6	22.7	1.62	7	4	5	
	14	30.5	18.8	0.95	7	0	5	
	15	26.8	17.5	0.76	7	0	5	
23	9	44.2	23.7	1.67	0	5	5	
	10	47.1	26.4	1.68	0	5	5	
	12	49.2	29.2	1.63	0	5	5	
	14	50.0	30.6	1.58	0	5	5	
	15	49.4	30.2	1.56	0	5	5	
24	9	48.0	27.8	1.64	0	5	5	Vx.
	10	50.0	29.6	1.66	0	5	5	Vx.
	12	51.6	31.4	1.64	0	5	5	Vx.
	14	51.0	31.5	1.58	0	5	5	
	15	49.7	31.2	1.50	0	5	5	
25	9	26.1	20.8	0.43	7	0	4	
	10	32.0	23.0	0.73	7	0	3	
	12	41.5	27.1	1.17	7	1	4	
	14	37.3	26.6	0.87	7	0	4	
	15	26.8	23.2	0.29	8	0	4	
26	9	30.8	23.0	0.63	7	0	4	
	10	34.0	22.9	0.90	7	0	5	
	12	53.2	29.7	1.91	5	5	5	
	14	31.5	23.8	0.63	5	0	5	
	15	48.5	29.5	1.54	4	5	5	
27	9	50.3	30.2	1.63	2	5	5	
	10	51.1	31.4	1.60	1	5	5	
	12	53.7	34.0	1.60	2	5	5	
	14	48.6	33.1	1.26	6	1	5	
	15	50.4	33.3	1.39	7	5	5	
28	9	38.5	25.0	1.10	7	1	5	
	10	47.0	27.5	1.58	5	3	5	
	12	51.4	33.7	1.44	3	3	5	
	14	39.0	25.5	1.10	5	0	5	
	15	37.7	24.8	1.05	7	1	5	
29	9	45.0	27.4	1.43	6	1	5	
	10	48.6	26.6	1.79	3	5	5	
	12	48.9	28.5	1.66	2	5	5	
	14	45.6	28.0	1.43	7	1	5	
	15	49.0	28.9	1.63	5	5	5	
30	9	46.5	27.0	1.58	0	5	5	
	10	48.4	28.5	1.62	0	5	5	
	12	51.7	32.2	1.58	1	5	5	
	14	54.5	34.4	1.63	2	5	5	
	15	52.2	34.1	1.47	2	5	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.5	13.4	93
2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		12.0	13.5	89
3		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.7	13.5	87
4		0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.4						7.2	13.5	53
5			0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.3	13.6	76
6	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	12.1	13.6	89
7		0.9		1.0	1.0	1.0	1.0	1.0	1.0	0.1					7.0	13.6	52
8			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.6	13.6	78
9							0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.2	6.6	13.7	48
10		0.8	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7	0.1		10.2	13.7	74
11					0.1					0.4	0.9	0.5			1.9	13.7	14
12	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8		11.9	13.8	86
13	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.6	13.8	91
14	0.1	1.0	0.5	0.5	1.0	0.6									3.7	13.8	27
15							0.4	0.6	0.7	0.7	1.0	1.0	1.0	0.4	5.8	13.8	42
16		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	0.3	11.7	13.9	84
17						0.1	0.2	0.8	0.9	0.8	1.0	1.0	0.6		5.4	13.9	39
18	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.8	0.5				9.1	13.9	66
19			0.1			0.2	0.3	0.7	1.0	0.6		0.3		0.1	3.3	13.9	24
20	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2						7.1	14.0	51
21	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	14.0	89
22		0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.2			0.6	0.7	0.3	8.5	14.0	61
23	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.3	14.0	88
24	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.2	14.0	87
25						0.2	0.1	0.3	0.5		0.1				1.2	14.1	08
26				0.2	0.6	0.8	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.4	8.8	14.1	62
27	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.3	14.1	87
28	0.2	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.7	0.5	0.6	0.7	0.4	10.9	14.1	77
29	0.2	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.8	0.8	0.5	0.4		10.5	14.1	74
30		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.1	14.2	85
31																	
Medias	0.1	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.8	0.7	0.7	0.7	0.6	0.1	9.2	13.8	66

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	16.1	20.0	18.0	15.5	18.5	17.6	14.8	15.3	16.0	15.5	15.5	15.9	18.0	18.0	18.0
2	16.4	20.4	18.6	15.8	18.7	17.9	15.2	15.6	16.3	15.8	15.8	16.2	18.2	18.2	18.3
3	16.1	21.2	19.4	16.5	19.1	18.6	15.6	16.1	16.7	16.2	16.2	16.5	18.6	18.5	18.5
4	18.0	22.5	20.6	17.0	20.3	19.6	17.1	16.8	17.5	16.6	16.6	17.0	18.8	18.8	18.9
5	18.8	22.8	20.6	18.2	20.9	20.0	17.0	17.6	18.2	17.4	17.4	17.6	19.3	19.4	19.4
6	17.9	22.2	19.6	17.4	20.6	19.5	16.8	16.4	18.0	17.5	17.4	17.8	19.8	19.7	19.6
7	17.3	22.0	19.8	16.9	17.6	19.0	16.6	17.0	17.6	17.4	17.3	17.8	19.9	19.7	19.7
8	18.5	23.4	20.8	17.6	24.0	20.0	16.7	17.5	18.1	17.4	17.4	18.0	19.8	19.8	19.8
9	19.0	22.3	21.2	18.5	20.3	20.2	17.5	17.8	18.6	18.0	18.0	18.3	20.1	20.2	20.2
10	20.4	25.4	23.6	19.2	22.5	22.2	18.0	18.8	19.8	18.3	18.4	19.0	20.4	20.5	20.6
11	20.6	21.6	21.4	19.9	20.5	20.6	18.8	18.8	19.0	19.0	18.8	19.0	20.9	20.9	20.9
12	19.6	24.6	21.0	19.0	22.2	20.8	18.3	18.8	19.4	18.7	18.7	19.1	20.9	20.9	20.9
13	17.7	23.2	20.4	17.7	21.0	20.1	17.7	18.1	18.7	18.6	18.3	18.6	21.0	20.9	20.7
14	17.6	19.4	18.0	17.8	18.5	17.7	17.4	17.6	17.2	18.3	18.0	18.0	20.8	20.6	20.5
15	16.9	18.7	18.0	15.5	17.3	17.6	15.7	15.8	16.3	16.8	16.7	16.8	19.8	19.7	19.4
16	16.2	22.4	19.5	15.8	19.4	18.9	15.4	17.3	17.3	16.6	16.7	17.2	19.4	19.3	19.4
17	16.6	20.6	19.6	17.1	18.5	18.8	16.4	16.4	17.0	17.0	16.8	17.2	19.6	19.5	19.4
18	18.2	23.6	21.2	17.3	20.6	20.3	16.4	17.3	18.3	17.2	17.3	17.9	19.7	19.7	19.7
19	19.0	22.1	20.1	18.5	20.0	19.4	17.4	17.7	18.0	17.9	17.9	18.2	20.2	20.2	20.2
20	19.2	23.9	20.7	18.4	21.3	20.1	17.5	18.2	18.5	18.0	18.1	18.4	20.4	20.3	20.4
21	18.8	23.8	21.2	18.2	21.3	20.5	17.6	18.2	18.8	18.2	18.2	18.7	20.6	20.6	20.6
22	18.3	22.2	19.3	18.1	20.4	19.3	17.7	17.9	18.1	18.4	18.2	18.4	20.8	20.6	20.6
23	17.0	22.3	20.4	16.7	19.8	19.6	16.6	17.2	18.0	17.7	17.7	18.1	20.5	20.4	20.3
24	18.7	23.5	21.4	18.0	20.8	20.5	17.4	18.0	18.7	18.1	18.6	18.6	20.6	20.6	20.5
25	19.3	21.4	20.8	19.0	20.0	20.1	18.2	18.2	18.5	18.6	18.6	18.6	20.9	20.9	20.8
26	19.4	23.3	21.6	18.8	21.1	21.0	17.8	18.3	19.0	18.4	18.4	18.8	20.8	20.8	20.8
27	20.0	24.6	23.1	19.1	22.8	22.3	18.3	19.3	20.1	18.9	19.0	19.6	21.2	21.2	21.3
28	20.6	24.0	21.8	19.9	22.1	21.5	19.1	19.4	20.0	19.5	19.4	19.7	21.7	21.6	21.7
29	19.6	23.8	23.5	19.0	21.6	21.0	18.6	19.0	19.5	19.4	19.2	19.4	21.8	21.7	21.6
30	20.0	24.9	23.4	19.4	22.5	22.5	18.7	19.4	20.4	19.3	19.4	19.9	21.7	21.8	21.8
31															
Prom.	18.4	22.5	20.6	17.8	20.5	19.9	17.2	17.6	18.2	17.8	17.8	18.1	20.2	20.2	20.1

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	1.1	2.6	2.1	5.7							9663
2					0	1.0	1.9	1.9	5.2							9667
3					0	1.4	2.0	1.6	4.0	N.20	11.0	10.1	16.1			9665
4					0	0.4	2.0	1.1	3.6							9664
5					0	0.5	1.7	1.7	4.5							9674
6					0	1.1	0.4	1.0	3.6							9677
7					0	2.2	2.8	1.3	4.9							9678
8					0	0.8	3.4	2.6	7.4	N.21	11.6	10.2	14.1	18.7		9683
9					0	1.4	1.2	1.7	3.9							9686
10					0	1.0	2.0	2.0	4.1							9689
11	20.0	20.2	17.5	18.6	2	0.1	0.7	0.6	1.8							9690
12	3.3	3.6	3.3	3.0	1	0.5	1.9	1.6	4.0							9693
13					0	0.5	1.7	1.3	3.8	N.22	14.0	11.7	14.5			9696
14					2	0.8	1.3	0.3	1.9							9602
15	-	29.4	28.2	29.0	2	0.3	0.5	1.1	1.8							9602
16	1.5	2.6	0.0	0.0	1	0.2	1.4	1.6	3.4							9697
17	0.0	0.0	0.0	0.0	1	0.4	1.1	1.3	2.8							9694
18	0.0	0.0	0.0	0.0	2	0.4	1.8	1.3	3.6							9697
19	1.6	1.7	0.2	1.6	2	0.5	1.2	0.5	2.8							9693
20	10.3	10.6	-	9.6	2	1.1	2.1	0.4	2.7							9601
21	2.6	2.9	-	2.4	1	0.2	2.8	2.6	7.0							9602
22					0	1.6	2.1	1.3	4.3							9602
23					0	0.9	3.6	2.8	7.6	N.23	18.2	14.0	15.0			9605
24					0	1.2	3.7	2.7	7.5							9607
25	0.0	0.0	0.0	0.0	2	1.1	1.1	0.6	1.9							9608
26	13.6	16.9	-	14.5	2	0.2	1.0	1.2	2.6							9711
27					0	0.4	2.4	1.8	5.0							9712
28					0	0.8	2.1	1.8	4.8	N.24	11.5	10.6	14.6	18.2	15.3	9715
29					0	0.9	2.8	2.5	7.6							9717
30					0	2.3	2.4	1.9	5.5							9721
31																
Prom.	-	87.9	-	78.7	-	0.9	1.9	1.5	4.3	-	-	-	-	-	-	9667

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
17.3	17.5	17.4	16.6	16.7	16.7	16.2	16.5	5.3	Ca. m. t. y n., Vx. m. y t., r. m. y n.
17.7	17.7	17.6	16.7	16.7	16.8	16.2	16.5	3.9	Ca. m. y t., Cn. n., Vx.r. m.
17.9	18.0	17.9	16.8	16.9	16.8	16.2	16.5	7.9	Ca. m., Cn. t., r. m. y n.
18.2	18.3	18.3	17.0	16.9	16.9	16.3	16.5	7.3	Ca. m., Cn. t. y n., r.Vx. m., Ns. m., N. t.
18.7	18.7	18.6	17.0	17.1	17.1	16.4	16.6	10.0	Cn. m. y t., Ca. n., r. m. y n., Ds. m.
19.0	19.0	19.0	17.2	17.2	17.2	16.4	16.6	3.5	Ca. m. y n., Cn. t., r.Vx. m.
19.2	19.2	19.0	17.3	17.3	17.5	16.4	16.5	5.2	Ca. m., Cn. t. y n., Js.Ds. t.
19.1	19.2	19.1	17.5	17.6	17.6	16.5	16.6	5.5	Ca. m. y n., Cn. t., r. m., Vx. t., Ns. m.
19.3	19.5	19.3	17.7	18.0	17.8	16.5	16.6	12.0	Cn. m., Ca. t. y n.
19.5	19.6	19.7	17.2	17.9	18.0	16.5	16.7	13.0	Cn. m. t. y n., r. m., B. t., R.Ru.LL. n.
20.0	19.9	19.9	18.0	18.0	18.0	16.5	16.8	11.9	Cn. m. t. y n., Z. t., R. n.
19.8	19.6	19.7	18.2	18.3	18.3	16.7	16.6	7.9	Ca. m. t. y n., Vx. m. y t.
19.9	20.0	19.8	18.3	18.4	18.4	16.7	16.6	1.1	Ca. m. t. y n., r. m. y n., Vx. m. y t.
20.0	19.9	20.1	18.4	18.6	18.5	16.8	16.7	4.3	Cn. m. t. y n., r. m., LL. y Ne. t., LL. y N. n.
19.3	19.2	18.9	18.4	-	18.6	17.0	16.7	11.3	Cn. m. y t., Ca. n., LL. m.
18.8	18.7	18.6	18.4	18.5	18.5	17.0	16.8	3.4	Ca. m. y n.,Cn.t,Ns. m,r. m. y n,N.m,Ne. m. y t.
18.8	18.9	18.8	18.3	18.4	18.4	17.0	16.8	7.4	Cn. m. y t., Ca. n., Z. m., r. n., Jl. n.
18.9	19.0	18.8	18.3	18.4	18.5	17.1	16.8	7.2	Ca. m., Cn. t. y n., r. m., Ne. t.
19.3	19.3	19.3	18.4	18.5	18.6	17.2	16.8	10.9	Cn. m. t. y n., Ne. m. y t., Ru.LL.G. t, Z. n.
19.5	19.6	19.5	18.6	18.6	18.6	-	16.8	12.1	Ca. m., Cn. t. y n., LL. t.
19.7	19.6	19.5	18.6	18.8	18.8	-	16.8	5.4	Ca. m. t. y n., r. m. y n., B. t.
19.8	19.9	19.8	18.8	18.8	18.8	-	17.0	7.8	Ca. m. y n., Cn. t., r. n.
19.9	19.8	19.5	18.8	18.8	18.8	17.3	16.8	1.9	Ca. m. t. y n., r. m. y n.
19.8	19.9	19.9	18.8	18.9	18.9	17.4	16.9	6.8	Ca. m. t. y n., r. m., Ne. t.
20.1	20.2	20.2	18.9	19.0	19.0	17.4	16.9	11.9	Cn. m. t. y n., LL.N. m.,CH.t. y n,Ru.t.y n,G.n.
20.1	20.1	20.0	18.9	18.9	18.9	17.5	17.0	10.7	Cn. m. y t., Ca. n., r. n.
20.3	20.4	20.3	19.1	19.0	19.0	17.5	17.0	8.9	Ca. m. y n., Cn. t., r. m. y n., Ns. m.
20.7	20.9	20.6	19.2	19.2	19.2	17.5	17.0	9.0	Ca. m. y n., Cn. t., r. m. y n., Vx. n.
21.0	21.0	20.8	19.3	19.4	19.4	17.6	17.0	5.2	Ca. m., Cn. t. y n., r. m. y n.
21.1	21.2	20.9	19.6	19.6	19.6	17.6	17.0	9.3	Ca. m. y t., Cn. n., Js.r. m.
19.4	19.4	19.4	18.1	18.2	18.2	16.9	16.7	7.6	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	57.7	66.0	2	8	48.0	10	19	17.9	23.6	12.3	29.0	10	13-14	9.6	2,6	6,3	10.0	13.6	74
2ª	56.2	61.6	17	8	47.8	14	19-20	15.6	21.0	10.2	24.7	18	14	5.4	13	5,6	7.2	13.8	52
3ª	54.5	58.5	28	23	47.8	27	15-16	18.0	24.4	11.3	29.2	27	14	5.7	22, 23	24;0,1	10.1	14.1	72
MES	56.2	66.0	2	8	47.8	14, 27	19-20,15-16	17.2	23.0	11.2	29.2	27	14	5.4	13	5,6	9.2	13.8	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	69	98	3,4,10	32	7	10.2	16.6	1.3	E	13	60	10	27	10	8-9	66	SW	10	20.05	-	-	-	-	-	-
2ª	79	100	varios	37	12	10.0	14.2	6.2	N	8	36	14, 19	26	14	7-8	59	S	14	19.18	68.1	29.4	15	17.3	10	21-22
3ª	66	100	22	24	23	9.8	14.7	5.2	NW	10	48	25	23	24	13-14	58	SW	25	20.00	19.8	16.9	26	11.3	25	21-22
MES	71	100	varios	24	23	10.0	16.6	1.3	E	11	60	10	27	10	8-9	66	SW	10	20.05	87.9	29.4	15	17.3	10	21-22

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	7	1	1	1	2	-	-	1	-	-	-	-	-	-	-	1	1
2ª	3	-	4	1	1	-	-	3	5	-	-	-	1	-	-	1	1
3ª	3	1	2	1	1	-	-	1	-	-	-	-	1	-	-	1	1
MES	13	2	7	3	4	-	-	5	5	-	-	-	2	-	-	3	3

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	2	-	2	-	-	-	8	2	-	4	-
2ª	5	-	-	-	-	-	-	-	1	-	-	7	3	-	-	-
3ª	9	-	-	-	-	-	-	1	-	-	-	9	1	-	5	-
MES	22	-	-	-	-	2	-	3	1	-	-	24	6	-	9	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. V DICIEMBRE 1950 Nº. 12

RESUMEN MENSUAL

El día 1º el Observatorio se encuentra en un ambiente tropical, el que la misma noche es desplazado por el aire fresco que avanza desde la Patagonia. El pasaje del frente ocasiona lluvias intensas y un marcado descenso de la temperatura. Un nuevo empuje de origen polar el día 4 por la tarde, produce un cambio general en el estado del tiempo. Con temperaturas de 4.0°C a 5.0°C bajo la normal, el tiempo se mantiene bueno durante los días 5, 6 y 7, subiendo la presión a su nivel más alto del mes el día 6 con 764.8 mm. Con el cambio del viento al N la temperatura aumenta en forma notable alcanzando casi 30.0°C el día 7. En estos tres días, experimenta la temperatura media diaria un ascenso de más de 8.0°C. Acercándose un nuevo empuje de aire frío se producen lluvias intensas el 8 (43.0 mm en 24 hs), quedando el cielo parcialmente nublado hasta el 10.

El día 11, toda la región del Río de la Plata aparece incluída en una zona de aire tropical, la que el mismo día es desplazada por un frente fresco, que precipita ligeras lluvias. En los días siguientes, se mantiene esta fluencia de viento del S con lo que reina tiempo bueno estacionándose la marca térmica entre los 4.0°C a 5.0°C por debajo de su término medio, hasta la mitad de la década. El día 15 por la mañana, se registra también la temperatura mensual más baja del mes con 5.0°C. El día 16, gira el viento hacia el N; la presión baja y la llegada de aire cálido y húmedo se intensifica diariamente hasta el 18. En este día no sólo la presión acusa el valor mínimo mensual con 745.5 mm sino que también la temperatura sobrepasa por primera vez en este verano los 30.0°C.

En el primer día de la última década del año, aire fresco y seco reemplaza al cálido reinante, provocando ligeras lluvias. En este ambiente la humedad y tensión del vapor registran los importes más bajos del mes con 7% y 1.6 mm. Con el cambio del viento al N avanza rápidamente intenso aire tropical; dos días después se dejan observar los valores más altos de la temperatura y tensión del vapor con 34.1°C y 21.1 mm respectivamente. Formándose una zona frontal, el tiempo se torna mas y mas inestable; registrándose tormentas eléctricas con lluvias, y ráfagas que sobrepasan los 100 km/h el día 25. Transitoriamente aclara el 26, pues el 27 y 28 el cielo se presenta nuevamente nublado. Sólo un empuje de aire fresco y seco en la noche del 28 al 29 restablece el buen tiempo estival el que se mantiene hasta fin del año.

Los promedios mensuales configuran las mismas características de los meses anteriores, ya que el carácter general de la circulación atmosférica se mantiene también durante este mes. Todos los elementos acusan pequeñas desviaciones negativas, excepción hecha de la heliofanía.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	28	50	50	28	5	30	50	32	26	5	52	14	59	69	77
2	±∞	+∞	-48	-202	70	32	135	∞	87	180	182	161	143	135	128
3	75	68	-79	34	52	70	100	92	70	50	43	46	- 9	- 3	-11
4	46	59	54	62	50	69	81	94	98	111	86	75	79	70	50
5	70	72	78	81	91	99	129	140	136	147	140	114	114	122	116
6	87	75	75	75	72	79	103	102	82	95	102	94	104	81	82
7	56	46	48	50	54	73	74	73	62	70	68	68	62	70	66
8	100	75	14	59	32	-75	75	127	102	- 5	5	23	-	-	-
9	-	-	-	-	-	-	89	112	152	140	102	73	62	56	72
10	28	28	28	23	39	61	83	96	85	94	103	114	111	115	99
11	66	52	46	72	69	82	91	78	64	61	23	-17	- 3	-	-
12	-17	23	12	46	56	70	73	124	68	59	41	59	52	54	32
13	-	-	-	-	-	-	-	-	-	-	-	21	21	61	63
14	39	44	28	7	10	7	41	59	59	48	39	14	10	3	2
15	-	-	-	-	-	44	73	69	111	97	83	81	89	48	59
16	39	14	7	12	50	46	7	65	95	87	67	61	71	75	73
17	-	-	-	-	-	-	28	52	50	63	43	44	28	34	44
18	39	35	44	43	44	57	81	77	85	69	52	59	19	17	-13
19	-17	32	35	43	46	61	125	143	133	81	67	30	28	34	30
20	111	77	52	39	14	62	54	-16	-59	14	24	46	41	57	54
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	69	81	87	59	59	65	63	-21	-27	-70	-44	-100	-100	-109	19
23	39	39	23	30	35	48	54	63	57	69	77	73	77	71	81
24	56	32	24	24	43	61	61	61	54	24	32	28	35	24	32
25	39	48	35	35	52	71	52	-	-	-64	-70	-24	21	54	-13
26	46	50	50	48	65	81	137	133	137	135	133	121	109	105	-
27	-	-	-	-	-	-	69	121	125	129	109	61	73	63	71
28	35	44	39	35	54	93	125	93	54	61	57	61	-61	54	48
29	17	44	93	81	83	85	87	129	129	131	133	131	123	105	109
30	26	14	10	9	7	10	21	77	83	77	46	57	48	54	28
31	-	-	-	-	-	-	-	-	63	61	44	69	67	73	77
Prom.	35.8	40.5	42.3	46.5	56.9	68.3	79.6	99.6	90.1	85.7	83.0	77.2	77.7	75.1	72.0

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	7.71	9.76	17.47	0.80	7.25	10.15	17.40	0.71	0.95	0.89	1.84	1.07	0.84	0.98	1.82	0.86
2	3.24	5.39	8.63	0.60	4.20	5.42	9.62	0.76	0.43	0.41	0.84	1.05	0.44	0.44	0.88	1.00
3	7.40	9.80	17.20	0.75	9.93	11.70	21.63	0.84	3.76	4.63	8.39	0.81	1.12	1.10	2.22	1.02
4	5.70	7.07	12.77	0.82	6.05	10.62	16.67	0.57	0.61	0.59	1.20	1.03	1.16	1.26	2.42	0.92
5	4.02	4.80	8.82	0.83	1.88	3.48	5.36	0.54	0.58	0.50	1.08	1.16	0.35	0.43	0.78	0.81
6	3.67	5.68	9.35	0.63	2.63	4.56	7.19	0.57	0.62	0.66	1.28	0.94	0.42	0.37	0.79	1.14
7	8.62	10.76	19.38	0.80	11.25	14.42	25.67	0.78	1.12	1.21	2.33	0.93	1.53	1.68	3.21	0.91
8	11.42	13.86	25.28	0.82	-	-	-	-	1.38	1.51	2.89	0.91	-	-	-	-
9	5.76	6.04	11.80	0.95	5.54	8.58	14.12	0.65	0.64	0.93	1.57	0.69	0.66	0.77	1.43	0.86
10	4.39	6.01	10.40	0.72	2.75	4.64	7.39	0.58	0.53	0.58	1.11	0.91	0.39	0.48	0.87	0.81
11	6.44	7.16	13.60	0.89	9.89	18.22	28.11	0.54	0.73	0.92	1.65	0.79	1.45	1.46	2.91	0.99
12	6.35	6.11	12.46	1.02	7.70	8.26	15.96	0.94	0.64	0.64	1.28	1.00	0.88	0.88	1.76	1.00
13	5.65	5.65	11.30	1.00	7.79	5.41	13.20	1.44	0.74	0.71	1.45	1.04	1.04	1.02	2.06	1.02
14	7.44	7.46	14.90	1.00	7.09	7.57	14.66	0.93	0.83	0.77	1.60	1.08	0.90	0.84	1.74	1.07
15	-	-	-	-	7.77	7.49	15.26	1.04	0.65	0.54	1.19	1.20	1.01	0.97	1.98	1.04
16	4.75	5.69	10.44	0.83	8.72	5.13	13.85	1.70	0.72	0.67	1.39	1.07	1.05	0.77	1.82	1.36
17	7.85	8.98	16.83	0.87	3.52	4.27	7.79	0.84	1.11	1.08	2.19	1.03	-	-	-	-
18	7.57	7.79	15.36	0.97	6.29	8.41	14.70	0.75	0.82	0.89	1.71	0.92	0.87	1.02	1.89	0.85
19	8.68	10.53	19.21	0.83	8.12	9.92	18.04	0.82	1.19	1.19	2.38	1.00	0.95	1.27	2.22	0.75
20	7.50	9.04	16.54	0.84	9.79	12.06	21.85	0.81	1.08	1.13	2.21	0.96	1.33	1.51	2.84	0.88
21	6.50	7.80	14.30	0.83	9.05	4.86	13.91	1.83	0.65	0.78	1.43	0.83	0.92	0.71	1.63	1.30
22	3.71	4.87	8.58	0.75	3.76	3.76	7.52	1.00	0.62	0.63	1.25	0.98	0.41	0.43	0.84	0.95
23	9.70	10.32	20.02	0.93	4.26	6.42	10.68	0.66	1.39	1.53	2.92	0.91	0.56	0.72	1.28	0.78
24	6.12	7.49	13.61	0.83	9.23	12.36	21.59	0.74	0.83	0.87	1.70	0.95	0.95	1.22	2.17	0.78
25	13.31	17.02	30.33	0.78	-	-	-	-	1.51	1.83	3.34	0.82	2.75	2.20	4.95	1.25
26	4.15	4.80	8.95	0.84	7.99	10.30	18.29	0.77	0.60	0.54	1.14	1.11	-	-	-	-
27	5.75	6.11	11.86	0.94	12.22	12.12	24.34	1.01	0.78	0.84	1.62	0.93	1.90	1.91	3.81	0.99
28	7.93	4.22	12.15	1.91	10.24	9.33	19.57	1.10	1.02	0.94	1.96	1.08	1.52	1.51	3.03	1.01
29	3.45	3.63	7.08	0.96	4.21	5.80	10.01	0.71	0.52	0.44	0.96	1.18	0.56	0.52	1.08	1.08
30	5.50	6.38	11.88	0.86	8.24	7.99	16.23	1.04	0.69	0.78	1.47	0.88	1.23	1.12	2.35	1.10
31	6.74	8.32	15.06	0.80	10.01	11.76	21.77	0.85	0.95	1.10	2.05	0.86	1.44	1.45	2.89	0.99
Prom.	6.56	7.62	14.18	0.86	7.15	8.45	15.60	0.85	0.93	0.99	1.92	0.94	1.02	1.04	2.06	0.98

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
89	39	41	48	-	-	-	-	-		∞	-∞	-	3*
129	115	143	66	69	115	95	59	56		∞	-∞	-	3*
19	81	69	59	67	73	54	17	-19		145	-264	409	2
-99	46	-76	21	46	46	74	59	64		190	-220	410	2
104	96	91	99	106	107	122	78	107	106.6	156	46	110	0
86	108	98	140	103	111	95	64	70	91.0	165	- 8	173	1
72	65	62	65	124	111	54	50	91	68.1	180	10	170	0
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
81	41	32	74	78	66	62	78	26		188	5	183	0*
122	114	118	124	89	94	69	68	70	82.3	182	- 5	187	1
-	-	-	37	-	-32	37	30	19		∞	-∞	-	3*
46	59	59	68	70	66	66	56	46	53.7	145	-70	215	1
44	44	54	46	-19	-17	39	35	41		201	-184	385	1*
2	7	12	12	5	-	-	-	-		85	-66	151	2*
61	56	65	67	50	44	14	19	24		149	-61	210	2*
63	65	61	73	93	79	17	23	19	52.6	189	-64	253	1
46	61	67	71	-	12	26	43	26		137	-32	169	2*
- 6	-51	35	26	57	3	-27	10	-94		∞	-∞	-	3
34	46	39	39	69	85	69	65	81	58.2	173	-213	386	1
56	52	59	63	81	111	123	115	75		177	-191	368	2
-	-	-	-	-	-	-	-	-		-	-	-	-
35	93	89	141	165	149	145	57	48		186	188	374	2
79	32	63	69	46	52	41	71	54	56.0	129	00	129	0
43	43	35	61	56	50	50	48	48	42.7	121	- 6	127	1
24	111	±∞	±∞	±∞	±∞	19	17	43		∞	-∞	-	3*
-	-	-	-	-	-	-	-	-		175	- 8	183	1*
52	3	7	57	113	95	93	97	69		205	-194	299	1*
-	-	-	-	-	-	-	32	12		209	200	409	3*
109	77	43	69	103	79	54	54	46	88.1	253	3	250	0
32	17	32	46	89	-	-	-	-		153	-13	166	2*
71	54	85	85	145	99	137	121	145		197	-48	245	1*
75.8	70.5	66.9	80.7	85.9	83.4	63.7	57.7	63.2	69.9				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
56	12	39	0.73	2.37	1119	561	1680	1.99	0.69	2.11
174	162	124	4.54	3.64	364	572	936	0.64	1.16	-
43	52	79	14.54	5.85	859	507	1366	1.69	1.78	1.54
82	73	-82	2.92	6.62	589	624	1213	0.94	0.52	-
132	114	91	3.97	2.37	559	559	1118	1.00	1.04	-
111	102	115	4.35	3.03	916	358	1274	2.56	-	-
65	68	59	5.28	6.31	561	572	1133	0.98	1.47	0.38
- 4	9	-	0.87	-	859	664	1523	1.29	1.01	0.61
99	79	14	4.13	0.67	561	624	1185	0.90	0.69	-
104	112	114	4.14	3.31	572	301	873	1.90	-	3.22
9	-37	-	- 2.03	-	710	737	1447	0.96	0.54	1.00
43	62	62	2.64	3.64	687	612	1299	1.12	0.95	0.95
-	-	61	-	4.19	710	572	1282	1.24	0.81	-
43	14	14	0.75	0.81	459	507	966	0.90	-	0.38
79	79	65	3.13	4.29	714	626	1340	1.14	1.09	-
	52	52	2.41	3.16	859	1075	1934	0.80	1.01	2.02
17	35	57	2.55	-	601	540	1141	1.11	0.59	-
52	56	3	3.19	0.19	559	459	1018	1.22	-	-
57	35	39	2.78	2.89	1144	561	1705	2.04	-	-
17	28	56	2.06	5.30	865	316	1781	0.94	0.44	0.24
-	-	-	-	-	916	763	1679	1.20	0.24	1.29
-56	-76	67	- 3.17	1.88	662	459	1121	1.44	-	0.96
-79	69	50	6.72	2.13	972	662	1634	1.47	0.22	0.29
35	21	37	1.19	2.68	865	859	1724	1.01	0.22	-
-64	70	-	7.79	-	1081	1220	2301	0.89	0.78	1.93
129	121	-	4.60	-	612	800	1412	0.76	1.27	0.82
101	65	-31	3.51	- 3.94	572	408	980	1.40	0.75	-
63	65	-	4.25	-	664	972	1636	0.68	1.51	0.90
135	129	35	4.13	1.26	1136	1375	2511	0.83	0.55	2.15
54	61	24	2.99	1.88	767	859	1626	0.89	2.07	0.26
75	69	89	4.71	8.57	800	865	1665	0.92	0.27	1.13
58	61	50	3.44	3.05	752	684	1436	1.10	0.87	1.17

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	13.5	17.3	19.2	23.1	11.6	5.8	3.8	5.8	13.5	23.1	27.0	21.2	17.3
2	17.3	13.5	17.3	15.4	15.4	7.7	3.8	11.6	7.7	23.1	25.0	34.6	15.4
3	11.6	25.0	27.0	21.2	19.2	13.5	13.5	9.6	21.2	19.2	23.1	17.3	17.3
4	13.5	19.2	15.4	13.5	3.8	1.9	9.6	11.6	17.3	34.6	32.7	30.8	21.2
5	21.2	19.2	23.1	-	11.6	9.6	13.5	9.6	7.7	11.6	7.7	11.6	13.5
6	9.6	7.7	9.6	13.5	5.8	- 7.5	1.9	7.7	7.7	11.6	9.6	13.5	7.7
7	13.5	13.5	-	-	-	-	1.9	5.8	13.5	11.6	15.4	17.3	11.6
8	13.5	19.2	13.5	17.3	5.8	- 4.5	- 3.0	- 1.5	1.9	3.8	3.8	11.6	15.4
9	-	-	-	-	-	-	15.4	11.6	- 7.5	7.7	5.8	5.8	9.6
10	5.8	9.6	13.5	15.4	11.6	7.7	7.7	5.8	7.7	15.4	21.2	13.5	15.4
11	23.1	25.0	25.0	25.0	19.2	13.5	21.2	21.2	25.0	30.8	28.9	27.0	25.0
12	30.8	42.4	44.3	38.5	19.2	15.4	17.3	21.2	23.1	34.6	38.5	38.5	38.5
13	28.9	40.4	34.6	36.6	28.9	28.9	21.2	21.2	30.8	20.8	38.5	30.8	27.0
14	42.4	38.5	36.6	36.6	36.6	36.6	34.6	34.6	36.6	38.5	40.4	38.5	38.5
15	30.8	27.0	23.1	28.9	27.0	25.0	21.2	27.0	25.0	30.8	32.7	38.5	28.9
16	25.0	21.2	21.2	19.2	19.2	17.3	11.6	15.4	27.0	27.0	28.9	32.7	21.2
17	19.2	19.2	15.4	15.4	19.2	15.4	13.5	13.5	19.2	27.0	30.8	28.9	23.1
18	17.3	21.2	15.4	21.2	7.7	-	-	- 4.5	1.9	1.9	- 3.0	- 3.0	3.8
19	1.9	- 6.1	- 3.0	- 4.5	-15.0	-18.0	-16.5	-10.5	- 9.0	- 4.5	1.9	- 7.5	-12.0
20	3.8	5.8	1.9	1.9	- 7.5	- 6.1	-10.5	- 7.5	-	-	9.6	- 3.0	- 3.0
21	5.8	9.6	7.7	9.6	- 4.5	- 7.5	- 9.0	- 3.0	- 4.5	-	-	17.3	5.8
22	3.8	5.8	11.6	11.6	- 1.5	- 4.5	- 6.1	- 4.5	3.8	3.8	1.9	- 6.1	7.7
23	27.0	21.2	17.3	30.8	9.6	7.7	7.7	9.6	23.1	25.0	19.2	30.8	- 6.1
24	15.4	19.2	28.9	25.0	15.4	19.2	21.2	7.7	5.8	9.6	23.1	34.6	- 3.0
25	7.7	30.8	27.0	28.9	30.8	30.8	7.7	3.8	7.7	25.0	32.7	17.3	21.2
26	21.2	17.3	19.2	21.2	27.0	30.8	27.0	21.2	19.2	25.0	21.2	23.1	23.1
27	-	-	-	-	-	-	19.2	17.3	25.0	23.1	23.1	30.8	23.1
28	25.0	19.2	19.2	21.2	23.1	23.1	21.2	25.0	25.0	23.1	27.0	32.7	27.0
29	23.1	19.2	19.2	25.0	25.0	28.9	27.0	25.0	28.9	28.9	34.6	36.6	32.7
30	30.8	28.9	28.9	30.8	32.7	34.6	34.6	30.8	34.6	34.6	38.5	32.7	36.6
31	28.9	25.0	25.0	25.0	25.0	27.0	27.0	28.9	28.9	38.5	40.4	36.6	30.8
Prom	18.3	19.8	19.9	21.0	15.1	13.0	12.0	12.0	15.6	21.2	22.7	22.1	17.2
Var.	3.2	4.7	4.8	5.9	0.0	- 2.1	- 3.1	- 3.1	0.5	6.1	7.6	7.0	2.1

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	9.5	10.9	6.8	9.5	1.4	- 4.1	1.4	2.7	- 1.4	2.7	4.1	4.1	5.4
2	9.5	10.9	5.4	4.1	- 1.4	- 5.4	- 2.7	1.4	- 4.1	- 2.7	- 2.7	- 4.1	1.4
3	2.7	8.2	6.8	5.4	8.2	2.7	- 5.4	- 2.7	4.1	- 6.8	- 4.1	- 6.8	- 6.8
4	6.8	9.5	8.2	4.1	- 4.1	-15.0	- 9.5	- 2.7	- 5.4	- 8.2	2.7	- 4.1	- 5.4
5	8.2	12.2	6.8	-	8.2	-10.9	-10.9	1.4	1.4	4.1	- 1.4	- 1.4	- 1.4
6	9.5	9.5	8.2	6.8	- 6.8	- 9.5	- 6.8	- 4.1	- 5.4	1.4	- 5.4	- 2.7	- 1.4
7	10.9	12.2	-	-	-	-	- 2.7	2.7	-	1.4	- 1.4	- 2.7	-
8	12.2	12.2	12.2	6.8	- 2.7	- 6.8	- 2.7	2.7	1.4	1.4	- 4.1	- 1.4	1.4
9	-	-	-	-	-	-	- 1.4	2.7	- 2.7	2.7	2.7	4.1	6.8
10	9.5	17.7	15.0	13.6	13.6	10.9	9.5	2.7	8.2	2.7	5.4	2.7	5.4
11	17.7	20.4	20.4	16.3	10.9	5.4	6.8	5.4	6.8	8.2	6.8	5.4	-
12	15.0	16.3	15.0	12.2	4.1	- 4.1	- 1.4	1.4	4.1	6.8	4.1	1.4	- 2.7
13	17.7	19.1	16.3	15.0	2.7	- 2.7	5.4	5.4	2.7	5.4	5.4	6.8	6.8
14	19.1	20.4	19.1	16.3	13.6	9.5	10.9	12.2	13.6	10.9	10.9	10.9	12.2
15	16.3	16.3	16.3	15.0	13.6	10.9	9.5	10.9	10.9	10.9	8.2	9.5	9.5
16	19.1	20.4	19.1	17.7	15.0	13.6	12.2	12.2	12.2	12.2	12.2	12.2	12.2
17	19.1	19.1	17.7	19.1	19.1	19.1	19.1	17.7	15.0	16.3	13.6	13.6	19.1
18	12.2	20.4	19.1	13.6	2.7	- 2.7	1.4	4.1	8.2	6.8	8.2	8.2	9.5
19	17.7	19.1	17.7	15.0	5.4	1.4	- 1.4	2.7	1.4	2.7	5.4	6.8	5.4
20	16.3	16.3	15.0	16.3	10.9	8.2	6.8	- 9.5	- 6.8	- 2.7	- 8.2	- 9.5	- 8.2
21	1.4	1.4	- 2.7	- 4.1	-15.0	-17.7	-16.3	-12.2	-12.2	-	-	-10.9	-10.9
22	- 5.4	- 4.1	- 6.8	- 8.2	-16.3	-21.8	-16.3	-13.6	-15.0	-16.3	-15.0	-13.6	-15.0
23	- 1.4	1.4	- 2.7	- 5.4	-15.0	-19.1	-17.7	-12.2	-10.9	-12.2	-13.6	-12.2	-10.9
24	- 5.4	- 1.4	- 2.7	- 1.4	- 5.4	- 6.8	- 6.8	-10.9	-15.0	-17.7	-15.0	-17.7	- 9.5
25	-10.9	- 6.8	- 9.5	- 8.2	-10.9	-12.2	-13.6	-10.9	-12.2	- 9.5	-15.0	-15.0	- 9.5
26	-	-	-	-	-	-	-	-	-15.0	-15.0	-15.0	-17.7	-17.7
27	-	-	-	-	-	-	-16.3	-17.7	-19.1	-17.7	-16.3	-19.1	-17.7
28	-	-	-	-	-	-24.5	-23.1	-20.4	-19.1	-17.7	-17.7	-17.7	-16.3
29	- 8.2	- 5.4	- 8.2	- 9.5	-17.7	-24.5	-25.9	-19.1	-16.3	-15.0	-19.1	-17.7	-15.0
30	- 6.8	- 5.4	- 5.4	- 9.5	-17.7	-20.4	-20.4	-15.0	-15.0	-16.3	-16.3	-15.0	-15.0
31	-13.6	- 6.8	- 9.5	- 8.2	-12.2	-16.3	-19.1	-19.1	-20.4	-23.1	-23.1	-21.8	-16.3
Prom	7.4	9.9	7.3	6.1	0.2	- 4.9	- 4.6	- 2.7	- 3.4	- 2.8	- 3.5	- 4.0	- 2.9
Var.	7.7	10.2	7.6	6.4	0.5	- 4.6	- 4.3	- 2.4	- 3.1	- 2.5	- 3.2	- 3.7	- 2.6

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
15.4	11.6	9.6	5.8	7.7	15.4	17.3	15.4	11.6	5.8	5.8	13.5	1
13.5	1.9	3.8	5.8	- 3.0	4.5	7.7	17.3	15.4	13.5	11.6	12.5	0
13.5	5.8	5.8	1.9	3.8	7.7	11.6	19.2	9.6	19.2	15.4	14.6	0
11.6	15.4	17.3	15.4	19.2	21.2	21.2	17.3	25.0	34.6	25.0	18.7	1
1.9	- 9.6	- 6.1	3.0	1.9	5.8	7.7	11.6	- 3.0	9.6	9.6	8.4	1
3.8	3.8	- 1.5	1.9	5.8	5.8	11.6	11.6	15.8	13.5	7.7	7.4	1
13.5	5.8	3.8	- 1.5	1.9	3.8	7.7	7.7	5.8	5.8	3.8	8.1	1
3.8	- 9.0	- 1.5	- 7.5	-18.0	-18.0	-21.0	-30.0	-27.0	-30.0	-31.5	- 3.9	2
1.9	- 9.0	- 7.5	- 7.5	- 9.0	- 3.0	- 3.0	1.9	1.9	5.8	7.7	1.6	1
11.6	17.3	5.8	5.8	3.8	9.6	13.5	17.3	17.3	17.3	27.0	12.4	1
28.9	19.2	17.3	17.3	15.4	19.2	21.2	23.1	27.0	28.9	30.8	23.3	0
34.6	11.6	7.7	7.7	1.9	3.8	17.3	28.9	21.2	34.6	28.9	25.0	2
36.6	19.2	9.6	13.5	9.6	23.1	30.8	30.8	28.9	28.9	21.2	27.1	1
32.7	36.6	7.7	23.1	11.6	13.5	36.6	36.6	30.8	30.8	30.8	32.5	2
34.6	15.4	3.8	11.6	19.2	25.0	27.0	21.2	27.0	23.1	25.0	25.0	1
17.3	3.8	3.8	5.8	11.6	17.3	21.2	21.2	19.2	17.3	15.4	18.4	0
17.3	5.8	7.7	13.5	17.3	15.4	17.3	15.4	21.2	19.2	25.0	18.1	1
- 9.0	-13.5	-15.0	- 7.5	- 6.1	- 7.5	- 1.5	- 3.0	3.8	9.6	7.7	1.7	2
-15.0	-24.0	-15.0	-24.0	-16.5	-18.0	-10.5	-19.5	-12.0	1.9	1.9	-10.6	1
-15.0	-	-12.0	- 9.0	- 7.5	-12.0	- 7.5	7.7	7.7	15.4	7.7	- 1.9	2
3.8	- 4.5	1.9	- 6.1	- 1.5	3.8	9.6	7.7	9.6	9.6	9.6	3.2	1
21.2	-10.5	-18.0	-15.0	7.7	7.7	30.8	1.9	- 3.0	17.3	15.4	3.4	2
17.3	9.6	11.6	- 3.0	- 7.5	- 1.5	13.5	7.7	9.6	17.3	9.6	12.8	2
- 7.5	1.9	3.8	9.6	1.9	5.8	5.8	17.3	5.8	30.8	28.9	13.6	2
13.5	7.7	- 3.0	3.8	5.8	11.6	25.0	30.8	30.8	27.0	25.0	18.7	2
25.0	19.2	9.6	5.8	-	-	-	15.4	-	-	-	20.6	1
25.0	23.1	17.3	17.3	30.8	17.3	28.9	27.0	23.1	25.0	23.1	23.3	1
25.0	27.0	19.2	21.2	21.2	27.0	30.8	28.9	25.0	21.2	21.2	24.1	0
28.9	30.8	27.0	25.0	27.0	32.7	32.7	30.8	34.6	28.9	28.9	28.4	0
28.9	27.0	28.9	23.1	19.2	25.0	28.9	28.9	27.0	21.2	21.2	29.5	0
30.8	34.6	30.8	27.0	28.9	32.7	36.6	34.6	36.6	34.6	32.7	31.1	0
15.0	8.9	5.6	5.9	6.8	9.8	15.6	15.6	14.9	17.9	16.4	15.1	
- 0.1	- 6.2	- 9.5	- 9.2	- 8.3	- 5.3	0.5	0.5	- 0.2	2.8	1.3		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
2.7	4.1	1.4	1.4	1.4	- 1.4	4.1	4.1	5.4	6.8	6.8	3.7	1
- 1.4	- 1.4	2.7	- 4.1	- 4.1	1.4	- 1.4	1.4	1.4	6.8	4.1	0.6	1
- 2.7	- 6.8	- 9.5	- 1.4	- 6.8	- 6.8	- 6.8	- 4.1	- 4.1	2.7	5.4	- 1.5	2
- 1.4	- 6.8	2.7	- 2.7	- 2.7	- 4.1	- 5.4	- 6.8	2.7	9.5	8.2	- 1.2	2
- 2.7	- 4.1	2.7	1.4	- 1.4	- 2.7	- 2.7	1.4	4.1	8.2	10.9	1.4	1
- 1.4	- 2.7	- 4.1	- 1.4	- 2.7	- 4.1	- 4.1	1.4	1.4	6.8	6.8	- 0.4	1
-	1.4	2.7	- 1.4	- 1.4	- 2.7	- 2.7	4.1	5.4	8.2	6.8	2.4	1
1.4	- 4.1	- 2.7	- 5.4	- 5.4	- 2.7	- 4.1	- 4.1	- 5.4	5.4	10.9	0.7	1
5.4	9.5	5.4	4.1	2.7	6.8	4.1	6.8	10.9	15.0	13.6	5.5	2
1.4	5.4	4.1	5.4	2.7	2.7	1.4	5.4	8.2	9.5	16.3	7.5	1
-	-	-	- 1.4	- 4.1	- 2.7	- 5.4	1.4	4.1	10.9	12.2	7.3	0
1.4	4.1	2.7	1.4	2.7	2.7	1.4	2.7	5.4	12.2	10.9	5.0	0
2.7	5.4	9.5	8.2	5.4	2.7	2.7	8.2	12.2	20.4	15.0	8.3	1
12.2	10.9	15.0	12.2	10.9	12.2	9.5	13.6	15.0	16.3	15.0	13.4	0
8.2	10.9	10.9	10.9	9.5	9.5	12.2	13.6	15.0	16.3	16.3	12.1	0
15.0	16.3	16.3	16.3	16.3	17.7	16.3	16.3	16.3	17.7	17.7	15.0	0
16.3	17.7	19.1	16.3	17.7	19.1	17.7	17.7	17.7	19.1	17.7	17.6	0
9.5	6.8	12.2	4.1	5.4	6.8	8.2	10.9	10.9	15.0	16.3	9.1	0
6.8	4.1	8.2	2.7	4.1	5.4	2.7	8.2	9.5	13.6	12.2	7.4	1
- 8.2	-	- 6.8	-12.2	-12.2	- 9.5	- 9.5	-10.9	-10.9	- 4.1	- 9.5	- 2.1	2
-10.9	-10.9	- 8.2	-10.9	-12.2	-12.2	-10.9	- 9.5	- 8.2	- 6.8	- 9.5	- 9.5	2
-15.0	-15.0	- 6.8	-16.3	-13.6	-13.6	- 9.5	- 6.8	- 8.2	1.4	- 2.7	-11.4	1
- 9.5	-13.6	- 8.2	-15.0	-15.0	-15.0	-13.6	-12.2	-12.2	- 2.7	- 5.4	-10.6	1
- 8.2	- 9.5	- 6.8	- 8.2	- 9.5	-13.6	-13.6	- 6.8	- 9.5	1.4	- 2.7	- 8.3	2
-13.6	-15.0	- 9.5	-19.1	-17.7	-19.1	-16.3	-	-	-	-	12.7	2
-16.3	-16.3	-13.6	-10.9	-	-	-	-13.6	-	-	-	-15.1	1
-15.0	-15.0	-13.6	-17.7	-	-	-	-	-	-	-	-16.8	1
-17.7	-19.1	-15.0	-17.7	-20.4	-21.8	-21.8	-16.3	-10.9	- 6.8	- 6.8	-17.4	0
-13.6	-17.7	-13.6	-16.3	-17.7	-19.1	-16.3	-19.1	-16.3	- 5.4	- 8.2	-15.2	0
-17.7	-17.7	-19.1	-19.1	-17.7	-17.7	-19.1	-15.0	-16.3	- 5.4	- 8.2	-14.6	1
-20.4	-17.7	-20.4	-19.1	-19.1	-21.8	-21.8	-17.7	-20.4	-12.2	-12.2	-17.2	1
- 3.2	- 3.2	- 1.4	- 3.7	- 3.6	- 3.6	- 3.6	- 0.9	0.8	6.4	5.6	- 0.3	
- 2.9	- 2.9	- 1.1	- 3.4	- 3.3	- 3.3	- 3.3	- 0.6	1.1	6.7	5.9		

PRESIÓN ATMOSFERICA

en mm. de Hg. al nivel del Observatorio: 700 mm.+ ...

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	53.5	53.3	53.2	53.2	53.2	53.7	52.9	53.9	53.7	54.6	54.5	54.3	53.6	52.4	52.0
2	53.2	52.5	53.2	52.4	52.2	52.1	52.5	52.8	52.3	51.7	51.2	51.1	51.1	50.3	49.5
3	48.1	47.9	48.1	48.4	48.4	48.3	48.5	48.7	48.9	49.2	49.2	49.2	49.7	49.6	50.1
4	53.5	53.8	54.3	54.6	55.1	55.7	56.3	56.6	57.2	57.5	57.8	57.8	57.8	57.4	57.2
5	62.5	62.6	62.5	62.6	63.1	63.7	64.1	64.4	64.4	64.4	64.3	64.1	63.8	63.5	62.9
6	64.7	64.7	64.5	64.7	64.7	64.8	64.8	64.8	64.4	64.0	63.6	62.6	61.8	61.0	60.4
7	59.1	59.0	59.0	59.1	59.3	59.5	59.7	59.6	59.2	58.7	58.2	57.3	56.5	55.7	55.3
8	56.2	56.4	56.9	57.5	57.9	58.6	58.3	57.8	57.9	57.4	57.1	56.5	55.9	54.8	53.2
9	54.2	54.5	55.6	56.0	56.5	56.8	57.5	57.8	57.6	57.5	57.4	57.3	57.3	57.2	56.8
10	57.3	57.2	57.0	57.2	57.4	57.3	57.3	57.4	57.3	57.0	56.4	55.8	54.7	53.5	52.9
11	51.6	51.3	51.3	51.3	51.3	51.3	51.1	50.8	50.3	50.2	49.9	49.0	49.0	49.8	50.0
12	53.6	53.6	53.7	54.1	54.4	55.1	55.7	56.4	56.2	57.2	57.6	57.6	57.7	57.6	57.5
13	57.3	57.5	57.8	57.6	57.6	57.7	57.6	57.4	56.9	56.3	56.0	55.7	55.0	54.5	54.0
14	57.5	57.5	57.6	57.9	58.3	58.6	59.0	59.0	59.1	58.9	58.5	58.3	57.6	57.2	57.0
15	59.0	59.0	59.0	59.3	59.5	59.9	60.3	60.3	59.9	59.5	58.9	58.0	57.4	56.9	56.6
16	56.9	56.7	56.8	56.8	57.0	57.2	57.5	57.7	57.5	57.3	56.9	56.5	56.1	55.7	55.3
17	54.3	54.2	54.1	54.3	54.4	55.4	56.4	56.6	56.3	55.9	55.5	55.3	54.6	54.4	54.0
18	53.1	52.8	52.8	52.9	53.1	53.1	53.3	53.3	52.9	52.7	52.0	50.6	50.1	49.6	48.7
19	49.1	50.1	50.8	51.7	52.5	53.2	54.2	54.9	54.9	54.9	55.0	55.0	55.0	55.0	54.8
20	55.4	55.4	55.3	55.4	55.6	55.8	56.0	55.9	55.7	55.4	55.0	55.4	54.0	53.1	52.7
21	51.7	51.4	51.2	51.2	51.4	51.5	51.6	52.0	52.1	52.3	52.2	52.0	51.9	51.8	53.6
22	59.0	58.9	58.9	59.2	59.8	60.1	60.0	60.0	59.8	59.8	60.0	59.7	59.2	58.5	58.1
23	56.9	56.1	55.9	55.8	55.8	55.6	55.7	55.8	55.5	55.1	54.9	54.4	53.6	53.6	52.9
24	54.3	54.8	54.3	53.3	53.9	55.2	56.1	56.2	56.3	56.5	56.5	56.2	56.0	55.8	55.4
25	55.9	55.6	55.5	55.6	55.8	55.8	55.9	55.6	55.4	54.6	53.6	53.0	52.4	51.6	51.5
26	53.3	53.4	53.3	53.5	53.9	54.0	54.0	54.0	53.8	53.7	53.3	53.1	52.8	52.6	52.1
27	51.1	50.5	50.2	50.2	50.5	50.6	50.5	49.6	49.5	49.5	50.1	50.0	49.1	48.8	48.5
28	48.0	47.7	47.6	47.5	47.3	47.8	48.0	47.6	47.5	47.5	47.3	46.9	47.4	47.1	47.0
29	51.5	51.1	51.6	52.0	53.1	53.8	54.4	54.7	55.0	55.5	55.6	55.6	55.6	55.8	55.7
30	57.7	57.9	58.3	58.8	60.2	61.0	61.7	61.8	61.6	61.7	61.9	62.0	62.1	62.0	60.8
31	61.5	61.7	61.7	61.9	62.5	62.8	63.2	63.0	62.7	62.3	62.0	61.9	61.4	60.8	59.7
Prom	55.2	55.1	55.2	55.4	55.7	56.0	56.3	56.3	56.2	56.1	55.9	55.6	55.2	54.8	54.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	19.9	19.0	18.4	18.1	18.1	18.8	21.4	24.2	24.8	26.8	27.8	27.8	28.0	28.0	28.7
2	19.3	19.4	19.4	19.3	19.2	19.3	20.0	20.8	21.6	23.3	24.0	25.7	26.9	27.4	28.2
3	19.4	18.9	18.9	18.6	18.5	18.5	18.5	18.8	18.5	18.1	17.6	17.4	16.4	15.6	15.4
4	11.7	10.3	9.5	9.6	8.9	9.5	12.7	15.6	16.8	18.7	19.3	20.0	20.5	20.8	21.3
5	8.4	7.8	7.1	6.2	5.7	7.0	11.1	15.6	17.2	18.9	19.8	21.0	21.4	21.9	22.0
6	11.7	11.3	10.9	9.7	10.0	12.1	15.1	18.2	20.0	21.2	22.0	22.6	23.4	23.8	24.2
7	14.5	15.0	14.7	14.2	14.2	15.1	17.9	20.8	23.1	25.0	26.8	27.9	28.8	29.6	29.9
8	20.7	20.7	18.9	17.8	17.9	18.3	19.9	23.3	24.6	24.7	26.5	27.4	25.8	24.1	23.2
9	19.8	19.8	19.0	18.6	18.6	18.6	18.8	19.1	20.2	22.2	23.7	24.4	25.5	25.4	25.8
10	17.2	16.8	16.5	15.9	15.7	16.0	18.4	21.2	21.7	22.4	22.8	23.3	24.3	24.8	25.4
11	21.2	21.2	21.3	21.0	20.9	21.5	24.2	26.2	27.1	28.3	28.7	28.9	27.3	22.2	19.8
12	16.2	15.5	14.8	14.1	13.2	12.9	14.4	17.3	18.9	20.6	20.6	21.0	21.6	22.3	21.9
13	12.9	12.6	13.9	11.8	11.7	14.6	19.3	19.0	21.4	23.4	24.8	25.5	26.2	26.4	26.5
14	10.9	10.1	9.8	9.9	9.3	9.5	12.4	14.4	15.4	16.1	16.8	18.4	19.3	19.9	19.8
15	8.6	7.7	6.8	6.0	5.1	5.4	10.5	13.2	15.1	16.9	18.6	19.5	20.4	21.3	21.3
16	10.4	10.2	9.9	9.5	9.6	10.5	16.0	19.6	21.8	23.1	24.2	25.2	25.9	26.2	26.2
17	16.8	16.4	15.0	14.7	14.4	15.0	19.3	21.6	24.2	25.5	26.6	27.9	27.0	26.6	26.8
18	17.7	17.0	16.4	15.4	15.0	16.8	21.8	25.6	27.4	28.9	30.1	31.1	31.8	32.0	32.6
19	19.8	18.9	17.8	16.7	15.2	15.1	17.7	20.4	21.3	22.9	24.4	25.5	26.0	26.4	26.5
20	15.7	15.3	15.1	15.0	14.7	15.2	16.8	21.7	23.2	25.3	26.7	27.8	29.1	29.4	29.5
21	17.5	18.0	17.9	17.7	17.0	18.0	20.6	25.1	27.6	29.8	31.7	31.8	32.5	31.8	27.1
22	15.6	15.1	14.9	13.6	11.8	12.1	17.2	21.9	22.7	23.5	23.9	24.3	25.7	25.6	25.2
23	17.7	16.7	16.9	16.8	16.3	16.9	19.7	22.0	22.4	24.7	26.0	27.7	28.3	28.4	29.1
24	19.4	19.5	19.9	19.9	20.0	20.0	21.5	25.0	27.1	29.1	30.4	32.3	33.0	33.8	34.1
25	23.0	22.3	21.9	21.5	21.6	22.1	24.3	28.6	31.5	32.5	32.4	32.6	32.0	31.2	29.9
26	20.1	19.4	18.5	17.8	17.8	18.2	22.7	25.1	26.3	27.3	28.4	29.1	30.5	31.6	31.8
27	22.8	22.4	21.4	21.3	21.1	21.4	23.5	25.5	27.8	28.6	28.9	27.4	27.2	26.1	26.4
28	16.7	16.4	16.3	16.4	16.4	16.8	20.0	24.7	26.3	27.6	28.6	25.8	22.7	21.8	21.9
29	15.5	14.7	14.6	14.6	14.2	14.2	15.3	18.3	19.4	21.3	22.5	23.1	24.3	25.2	25.0
30	15.9	16.0	15.3	14.7	14.7	14.7	15.4	18.8	22.2	22.1	22.3	22.7	22.8	23.1	23.0
31	13.1	12.5	11.9	11.2	10.4	10.7	16.5	19.3	20.4	21.7	22.8	23.8	25.0	26.1	26.4
Prom	16.5	16.0	15.6	15.1	14.8	15.3	18.2	21.0	22.5	23.9	24.8	25.4	25.8	25.8	25.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
51.9	52.0	51.7	52.3	52.6	53.2	53.8	53.3	53.3	54.6	10	51.7	18	2.9	753.2 mm.	1004.2 mb.
49.3	48.8	48.6	48.1	48.1	48.5	48.5	48.5	48.2	53.3	0	48.1	19,20	5.2	50.6	1000.8
50.3	50.6	51.1	51.1	51.8	52.3	52.1	52.8	53.2	53.2	24	47.9	2	5.3	49.9	999.8
58.2	58.2	59.0	59.3	60.2	61.1	61.7	62.2	62.4	62.4	24	53.2	0	9.2	57.7	1010.2
62.7	62.6	62.6	62.8	63.4	63.8	63.4	64.5	64.7	64.7	24	62.4	0	2.3	63.5	1018.0
59.8	59.4	59.3	59.4	59.4	59.6	59.3	59.2	59.2	64.8	6,7,8	59.2	23,24	5.6	62.1	1016.1
55.0	54.9	54.9	55.1	55.6	56.1	56.4	56.4	56.3	59.7	7	54.9	17,18	4.8	57.3	1009.7
53.0	54.4	55.1	55.9	57.2	55.9	56.6	52.5	52.5	58.6	6	51.8	23-24	6.8	56.1	1008.1
56.7	56.6	56.8	57.3	57.3	57.5	57.8	57.8	57.5	58.0	22-23	52.5	0	5.5	56.9	1009.2
52.9	52.8	52.6	52.1	52.2	52.2	52.2	51.9	51.7	57.5	0	51.7	24	5.8	55.1	1006.8
50.2	50.6	51.5	51.5	52.2	52.4	52.9	53.2	53.4	53.4	24	48.8	13-14	4.6	51.1	1001.4
57.4	57.1	57.0	56.9	57.2	57.3	57.4	57.4	57.4	57.7	13	53.4	0	4.3	56.4	1008.5
53.9	53.6	53.6	53.5	55.1	56.5	57.2	57.6	57.5	57.8	3	53.5	19	4.3	56.1	1008.1
56.5	56.4	56.5	56.7	57.1	58.0	58.3	58.7	58.9	59.1	9	56.4	17	2.7	57.9	1010.5
56.2	56.0	56.1	56.4	56.7	57.2	57.2	57.2	57.2	60.3	7,8	56.0	17	4.3	58.1	1010.8
54.9	54.6	54.6	54.5	54.9	55.3	55.4	55.3	55.0	57.7	8	54.5	19	3.2	56.1	1008.1
53.7	53.2	52.9	52.7	52.9	55.3	54.0	54.1	53.6	56.6	8	52.6	18-19	4.0	54.5	1006.0
47.6	46.6	46.5	46.5	45.8	45.5	45.8	45.8	48.1	53.6	0	45.4	21-22	8.2	50.0	1000.0
54.4	54.4	54.3	54.4	54.6	55.1	55.5	55.5	55.5	55.5	22,23,24	48.1	0	7.4	54.0	1005.3
52.3	51.8	51.8	51.5	51.6	51.8	52.1	52.1	52.1	56.0	7	51.5	19	4.5	53.9	1005.2
54.6	54.1	53.0	54.8	55.4	56.9	58.0	58.3	59.0	59.0	24	51.2	3,4	7.8	53.4	1004.5
57.7	57.3	57.4	57.4	57.4	57.4	57.6	57.6	57.5	60.1	6	57.0	17-18	3.1	58.7	1011.6
52.7	52.8	52.8	53.2	53.4	54.1	54.1	54.3	54.3	57.5	0	52.7	16	4.8	54.6	1006.1
55.1	54.9	55.0	55.2	55.4	55.8	56.0	56.2	56.2	56.5	10,11	53.1	4-5	3.4	55.4	1007.2
52.4	54.3	57.6	56.3	48.0	49.8	51.3	51.2	53.2	57.6	18	47.2	20-21	10.4	53.8	1005.0
51.3	51.2	50.8	50.8	51.0	51.5	51.9	51.9	51.5	54.0	6,7,8	50.8	18,19	3.2	52.6	1003.4
48.2	49.9	47.9	48.3	48.4	48.7	48.8	48.9	48.5	51.5	0	47.7	18-19	3.8	49.4	999.2
46.9	48.1	49.1	49.9	50.2	50.0	50.9	51.9	52.0	52.0	24	46.8	15-16	5.2	48.4	997.8
55.5	55.8	56.2	56.7	56.8	57.1	57.3	57.4	57.8	57.8	24	51.1	2	6.7	55.1	1006.8
61.4	61.4	61.3	60.9	62.2	62.5	62.4	62.3	60.7	62.5	21	57.7	1	4.8	61.0	1014.6
59.1	59.0	59.0	58.9	58.8	58.8	58.7	58.6	58.5	63.2	7	58.5	24	4.7	60.8	1014.4
54.2	54.3	54.4	54.5	54.6	55.1	55.3	55.3	55.4	57.6		52.5		5.1	55.3	1007.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
29.4	29.2	27.3	25.1	22.8	21.1	19.5	19.4	19.2	29.4	16	18.1	4,5	11.3	23.5
28.0	26.8	25.3	21.3	21.9	21.5	21.0	20.5	20.2	28.2	15	19.2	5	9.0	22.5
15.7	15.6	15.5	15.4	14.1	12.9	12.6	12.0	12.1	20.2	9	12.1	24	8.1	16.5
17.2	13.9	13,5	13.1	11.2	10.4	10.0	10.2	9.4	21.3	15	8.8	5-6	12.5	13.9
21.9	21.8	19.8	18.1	16.2	16.0	15.8	14.3	12.5	22.0	15	5.7	5	16.3	15.3
23.9	23.8	22.0	20.1	17.6	15.9	16.2	16.0	14.9	24.2	5	9.7	4	14.5	17.8
29.9	27.8	28.8	26.0	23.2	22.2	20.8	19.7	20.0	29.9	15,16	14.2	4,5	15.7	22.3
21.7	20.8	20.1	20.0	19.8	19.3	19.5	19.6	20.0	28.0	11-12	17.8	4	10.2	21.4
25.4	23.7	22.1	21.3	20.3	19.9	19.4	18.6	17.8	25.8	15	18.6	4,5,6	7.2	21.2
25.7	25.7	25.2	23.5	21.6	21.2	21.1	21.0	21.1	25.7	16,17	15.7	5	10.0	21.2
19.6	17.1	14.7	16.0	17.2	17.2	17.2	17.2	16.6	28.9	12	14.7	18	14.2	21.4
21.9	22.1	20.9	18.1	15.4	14.5	13.4	12.9	14.2	22.3	14	12.9	6,23	9.4	17.4
26.3	25.7	23.7	21.5	19.0	15.8	14.5	13.3	11.8	26.5	15	11.7	5	14.8	19.2
19.7	19.6	18.9	17.4	15.2	13.4	12.3	10.8	10.0	19.9	14	9.3	5	10.6	14.6
21.1	20.8	19.8	17.4	14.4	12.7	11.4	10.6	10.3	21.3	14,15	5.0	5-6	16.3	14.0
26.1	25.7	23.8	21.8	18.9	16.0	15.8	15.9	16.1	26.2	14,15	9.5	4	16.7	18.7
27.0	26.4	25.5	24.1	21.5	20.9	20.1	19.7	19.0	27.9	12	14.4	5	13.5	21.8
32.5	30.5	29.0	27.0	26.4	26.4	25.1	25.0	24.8	32.6	15	15.0	5	17.6	25.3
26.3	26.1	25.2	22.3	19.4	18.3	17.5	16.8	16.2	26.5	16	14.8	5-6	11.7	21.0
29.2	28.7	27.4	24.8	21.3	18.7	18.8	18.6	18.7	29.5	15	14.7	5	14.8	22.0
22.1	20.8	20.9	19.4	17.5	16.0	15.8	15.7	15.8	32.5	13	15.7	23	16.8	22.0
25.0	23.5	21.3	20.1	17.6	16.0	15.8	17.5	17.7	25.7	13	11.6	5-6	14.1	19.5
29.1	27.9	26.9	24.3	22.7	22.5	21.3	20.5	19.5	29.2	15-16	16.3	5	12.9	22.7
33.9	33.8	32.7	29.7	27.2	25.7	25.0	24.6	24.2	34.1	15	19.4	1	14.7	26.7
29.3	29.2	22.7	20.4	20.4	22.9	22.0	21.3	20.5	33.0	11-12	20.1	19-20	12.9	25.7
31.8	31.3	30.8	28.1	26.0	25.2	24.3	23.2	22.8	31.8	15,16	17.7	5-6	14.1	25.3
27.1	23.5	20.9	21.1	19.2	19.3	18.9	17.5	16.9	29.0	10-11	16.9	24	12.1	23.2
20.5	18.4	18.4	17.2	16.4	16.4	16.5	16.2	15.8	28.6	11	15.8	24	12.8	19.8
25.0	24.6	23.2	21.2	19.7	19.1	18.3	18.0	18.1	25.5	16-17	14.2	5,6	11.3	19.6
22.8	22.5	21.1	19.2	17.6	16.7	15.2	14.4	13.7	23.1	14	13.7	24	9.4	18.6
26.5	26.4	25.7	23.9	21.7	19.6	18.3	17.3	16.9	26.5	16	10.4	5	16.1	19.5
25.2	24.3	23.0	21.3	19.5	18.5	17.8	17.4	17.0	26.9		14.0		12.9	20.4

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	79	82	83	85	88	86	76	66	61	54	52	54	58	57	49
2	89	91	93	93	95	96	89	87	84	78	65	57	56	56	56
3	94	95	92	91	91	87	85	86	89	91	92	91	92	91	91
4	87	94	97	98	99	98	84	73	62	60	42	40	40	40	32
5	95	100	100	100	100	100	72	55	45	37	37	33	31	33	30
6	80	81	80	90	81	83	73	46	39	34	36	30	25	33	31
7	63	61	71	76	79	77	69	58	52	46	40	33	30	31	29
8	76	79	78	79	75	75	71	62	54	68	66	60	70	83	90
9	91	94	96	95	95	95	93	87	80	74	68	62	61	62	59
10	96	96	97	97	97	98	87	77	73	71	67	60	61	63	63
11	93	94	95	95	96	91	80	78	70	66	61	58	63	91	98
12	93	94	77	66	67	66	65	57	49	45	44	45	40	38	37
13	79	80	68	83	84	72	60	49	38	31	25	22	23	23	23
14	79	87	83	81	87	88	75	61	58	55	51	49	44	44	44
15	99	100	100	100	100	100	77	63	58	53	44	40	37	37	34
16	90	91	94	98	99	95	71	51	47	43	43	40	35	35	35
17	77	76	78	79	82	82	83	48	43	41	41	35	41	44	44
18	87	92	94	94	94	86	66	50	44	38	35	32	33	36	29
19	58	59	64	71	81	82	66	54	45	33	24	22	21	23	22
20	77	82	82	85	88	70	62	40	33	34	34	35	32	29	32
21	77	55	56	58	61	52	51	43	33	32	32	36	36	41	52
22	66	67	67	78	90	87	67	42	40	37	31	29	20	12	11
23	69	72	72	79	84	83	73	70	70	64	62	59	53	55	52
24	98	98	93	94	95	95	82	67	54	51	51	49	43	43	41
25	81	81	82	81	76	74	66	51	41	38	40	37	42	43	47
26	89	96	99	99	99	99	77	62	62	62	59	59	57	52	49
27	94	94	94	94	94	95	88	83	64	57	63	74	73	69	67
28	97	98	99	99	100	100	90	73	67	62	57	79	90	86	85
29	98	99	99	99	99	99	86	77	67	55	46	43	44	43	42
30	91	90	92	94	95	85	70	64	53	47	44	40	38	37	39
31	95	98	97	97	97	98	79	63	54	50	47	45	43	39	40
Prom.	85	86	86	88	89	87	75	63	56	52	48	47	46	47	47

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	13.0	13.5	14.5	12.5	13.5	14.0	14.5	14.8	14.5	13.5	14.0	14.0	16.0	16.0	14.0
2	14.5	15.5	15.5	15.5	15.5	16.0	15.0	15.9	15.5	16.5	14.0	14.0	15.0	15.3	16.0
3	15.5	14.5	15.5	15.5	14.5	13.5	13.0	13.9	14.0	14.0	13.5	13.5	12.5	12.1	12.0
4	9.0	8.5	8.0	8.0	7.5	8.0	9.0	9.6	9.0	9.0	7.0	6.6	6.8	7.6	6.2
5	8.5	7.6	7.2	6.8	6.6	7.2	7.2	7.3	6.2	6.0	6.4	5.6	6.2	6.4	5.4
6	7.8	8.0	7.4	7.8	7.6	8.5	9.5	7.2	6.6	6.4	7.4	5.6	4.8	7.1	7.4
7	7.6	7.8	9.0	9.0	9.0	9.0	10.0	10.6	10.0	11.0	9.5	9.0	8.0	9.6	8.5
8	14.0	14.0	13.0	12.5	11.5	11.5	12.5	13.2	12.0	14.5	16.0	16.0	16.5	18.6	18.5
9	15.5	15.5	15.5	14.5	14.5	14.5	14.5	14.2	13.5	14.5	14.5	14.5	15.0	14.9	14.0
10	14.0	13.5	12.5	13.0	13.0	13.0	13.5	14.4	14.0	14.5	14.0	12.5	14.0	14.8	15.0
11	17.0	17.0	17.0	17.0	17.5	17.0	17.5	19.7	18.0	19.0	18.0	17.0	17.0	18.1	16.5
12	13.0	12.0	9.5	8.0	7.6	7.4	7.6	8.4	7.6	7.6	7.6	7.8	7.2	7.6	7.2
13	8.5	8.0	7.8	8.0	11.7	9.0	9.5	8.0	7.0	7.0	5.2	5.4	5.6	6.0	5.6
14	7.4	8.0	7.4	7.4	7.6	7.6	7.6	7.5	7.4	7.2	7.4	7.4	7.0	7.8	7.2
15	8.0	7.6	7.2	6.8	6.4	6.4	6.8	7.1	7.4	7.4	6.6	6.2	6.6	7.0	6.2
16	8.0	8.5	8.0	8.5	8.0	8.5	9.5	8.8	9.0	9.0	9.5	9.0	8.0	9.0	8.0
17	11.0	10.5	9.5	9.5	10.0	10.5	13.5	9.3	9.5	10.0	11.0	9.0	11.0	11.4	11.0
18	13.0	13.0	12.5	12.0	11.5	12.0	13.0	12.3	11.5	11.0	10.0	11.0	11.5	13.1	10.0
19	9.5	9.0	9.5	10.0	10.5	10.5	10.0	9.7	8.0	6.8	5.2	5.4	5.6	6.0	5.8
20	10.0	10.5	10.5	10.5	10.5	8.5	8.5	7.9	6.8	7.8	8.5	9.0	9.5	8.9	10.0
21	11.5	8.0	7.8	8.5	9.0	8.0	9.5	10.3	9.0	10.0	11.0	13.0	13.5	14.4	14.0
22	8.5	8.5	8.5	9.0	9.0	9.0	9.5	8.7	7.8	7.6	7.2	6.2	4.4	3.3	3.0
23	10.0	10.0	10.0	11.0	11.0	11.5	12.0	13.9	13.5	14.5	15.5	16.0	15.0	15.7	15.5
24	16.0	16.0	16.0	16.0	16.0	16.0	15.5	15.7	14.0	15.5	17.0	17.0	16.0	16.6	17.0
25	17.0	17.5	16.0	15.5	14.5	13.0	15.0	14.9	14.5	13.5	13.5	13.5	15.0	14.5	15.0
26	15.0	16.0	15.5	14.5	14.5	15.0	15.5	14.7	15.5	16.5	16.5	17.0	18.5	18.3	16.5
27	19.0	18.5	17.5	17.0	17.0	17.5	18.5	20.2	17.0	16.5	18.5	19.5	19.5	17.3	17.0
28	13.5	13.5	13.0	13.5	13.5	13.5	15.0	17.0	17.0	17.0	16.5	19.0	18.0	16.6	16.0
29	12.5	12.0	12.0	12.0	11.5	11.5	11.0	12.0	11.0	9.5	9.5	9.0	9.5	10.3	10.0
30	12.5	11.5	12.0	11.5	11.5	10.0	8.5	10.4	10.5	9.0	8.5	7.8	7.8	7.9	7.8
31	10.0	10.5	10.0	9.5	9.0	9.0	10.5	10.5	9.0	9.0	9.5	9.0	10.0	9.9	9.5
Prom.	11.9	11.8	11.5	11.3	11.3	11.2	11.7	11.9	11.2	11.3	11.2	11.1	11.3	11.7	11.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
46	47	57	64	79	90	93	90	89	93	22	46	16	47	70
59	63	68	81	82	82	85	92	93	96	6	53	13-14	43	79
86	79	74	83	93	98	98	94	86	99	21-22	74	18	25	90
67	82	72	87	95	95	88	85	93	99	5	32	15	67	75
30	29	44	52	61	68	68	75	81	100	varios	29	17	71	62
34	34	42	61	76	86	91	91	71	91	22,23	25	13	66	60
35	38	42	55	68	67	76	80	78	84	22-23	28	13-14	56	56
91	94	94	95	96	96	94	94	86	96	20,21	54	9	42	82
67	77	83	86	87	89	91	93	96	96	24	57	15-16	39	82
62	62	65	75	83	86	89	92	93	98	6	58	11-12	40	80
83	90	92	92	94	94	96	96	95	98	15	56	12-13	42	86
37	37	42	52	68	75	85	88	70	95	0	35	13-14	60	60
23	23	30	42	53	52	58	62	76	84	5	20	14-15	64	49
43	43	43	53	64	75	77	84	89	89	24	43	16,17,18	46	65
34	33	34	45	71	84	89	93	92	100	varios	33	17	67	67
35	39	49	57	66	83	90	82	80	99	5	30	13-14	69	64
44	48	53	56	74	74	73	73	75	89	0-1	35	12	54	61
35	39	48	54	50	48	58	53	52	94	3,4,5	28	14-15	66	56
21	22	26	43	72	63	68	74	75	84	5-6	20	16-17	64	50
36	37	40	51	66	82	85	99	99	99	23,24	29	14	70	59
70	84	75	83	81	78	60	55	65	99	0	32	10,11	67	57
7	10	29	45	64	69	76	67	65	90	5	7	16	83	49
54	68	65	81	91	92	99	100	100	100	23,24	51	15-16	49	74
38	37	36	59	75	82	83	82	80	100	0	34	16-17	66	68
45	25	80	95	76	61	71	81	88	95	19	25	17	70	63
45	45	44	59	78	86	91	92	94	100	5-6	41	16-17	59	73
65	65	75	75	83	86	87	94	96	96	24	57	10	39	80
93	87	82	89	96	96	97	98	98	100	5,6	57	11	43	88
37	42	45	58	64	68	73	77	78	99	varios	36	16-17	63	68
39	39	49	58	65	72	81	86	88	95	5	36	12-13	59	65
43	42	46	62	68	82	89	93	96	98	2,6	39	14	59	69
48	50	56	66	75	79	83	84	84	95		39		56	68

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.5	14.0	15.5	15.0	16.4	16.0	15.5	14.5	14 5	16.4	20	12.5	4	3.9	14.5
16.0	16.0	16.0	15.5	16.1	15.5	15.5	16.5	16.0	16.5	23	14.5	1	2.0	15.5
11.5	10.0	9.5	10.5	11.2	10.5	10.0	9.5	9.0	15.5	1,3,4	9.0	24	6.5	12.5
9.5	9.5	8.5	9.5	9.4	8.5	8.5	7.6	8.0	9.6	8	6.2	15	3.4	8.3
5.4	5.4	7.2	8.5	8.4	9.0	9.0	8.5	8.5	9.0	21,22	5.4	15-17	3.6	7.1
7.2	7.2	8.5	11.0	11.6	11.5	12.5	12.5	9.0	12.5	22,23	5.6	12	6.9	8.3
10.0	10.5	12.5	13.0	14.5	13.5	14.0	13.0	13.5	14.5	20	7.6	1	6.9	10.5
17.5	16.5	16.0	16.0	16.5	16.0	15.0	15.5	15.0	18.6	14	11.5	5,6	7.1	14.9
16.0	15.5	16.0	16.5	15.2	15.0	15.0	14.5	14.5	16.5	19	13.5	9	3.0	14.9
15.0	15.0	15.0	15.5	15.9	16.0	16.0	17.0	18.0	18.0	24	12.5	3,12	5.5	14.5
14.0	12.5	11.5	12.5	13.7	13.5	14.0	14.0	13.0	19.7	12	11.5	18	8.2	15.9
7.2	7.4	7.8	8.0	8.9	8.5	9.0	9.5	8.0	13.0	1	7.2	13,15,16	5.8	8.4
5.8	5.6	6.0	8.0	8.6	7.0	7.0	7.0	7.8	11.7	5	5.2	11	6.5	7.3
7.2	7.2	6.8	7.8	8.3	8.0	8.0	7.8	7.8	8.3	20	6.8	18	1.5	7.5
6.0	6.0	5.6	6.2	8.8	9.0	8.5	8.5	8.5	9.0	21	5.6	18	3.4	7.1
8.0	9.0	10.0	11.0	10.8	11.0	11.5	11.0	10.5	11.5	22	8.0	varios	3.5	9.2
11.0	12.0	12.5	12.5	14.1	13.0	12.5	12.0	11.5	14.1	20	9.3	8	4.8	11.2
11.5	12.0	14.0	14.0	12.9	12.0	13.5	12.0	12.0	14.0	18,19	10.0	11,15	4.0	12.1
5.8	5.6	6.6	8.5	12.0	9.5	10.0	10.0	10.0	12.0	20	5.2	11	6.8	8.3
11.0	11.0	10.0	12.0	12.4	13.0	13.0	15.5	15.5	15.5	23,24	6.8	9	8.7	10.4
13.0	15.0	13.0	13.5	12.0	10.5	7.6	7.0	8.0	15.0	17	7.0	23	8.0	10.7
1.8	1.6	5.2	7.4	9.5	9.0	10.0	10.0	9.0	10.0	22,23	1.6	17	8.4	7.2
15.5	18.5	16.5	18.5	18.7	18.5	18.0	17.5	16.5	18.7	20	10.0	1-3	8.7	14.7
14.5	14.5	13.5	17.5	21.1	20.0	19.5	19.0	17.0	21.1	20	13.5	18	7.6	16.5
13.0	6.8	15.5	16.5	13.6	13.0	14.0	15.5	15.5	17.5	2	6.8	17	10.7	14.4
14.5	14.5	14.0	16.0	19.4	20.5	20.5	19.5	19.0	20.5	21,22	14.0	18	6.5	16.6
16.5	13.0	13.0	13.5	13.7	14.5	14.0	13.5	13.5	20.2	8	13.0	17,18	7.2	16.5
16.5	13.5	13.0	12.5	13.3	13.5	13.5	13.0	13.0	19.0	12	12.5	19	6.5	14.8
8.5	9.5	9.0	10.5	11.1	11.0	11.0	11.5	12.0	12.5	1	8.5	16	4.0	10.7
7.8	7.6	8.5	9.5	9.7	10.0	10.5	10.5	10.0	12.5	1	7.6	17	4.9	9.6
11.0	10.5	11.5	13.5	13.1	14.0	13.5	13.5	13.5	14.0	21	9.0	varios	5.0	10.8
11.1	10.7	11.2	12.3	12.9	12.6	12.6	12.5	12.2	14.7		8.9		5.8	11.6

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	NE	13	NE	10	NE	8	N	12	N	12	N	12	N	20	N	21	N	25	N	21	W	10	S	12	S	5	S	6	S	5
2	SE	4	SE	4	SE	4	SE	3	SE	4	SE	3	SE	6	SE	4	SE	7	E	9	E	15	E	14	NE	13	NE	10	E	5
3	W	2	W	6	SW	7	S	2	S	2	SE	2	SE	4	S	4	S	9	S	5	S	4	S	9	S	11	S	13	S	11
4	S	2	S	2	S	3	S	7	S	4	S	2	S	7	S	7	S	9	S	6	S	7	Calma	1	W	5	W	8	W	11
5	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	1	N	2	N	4	N	4	NW	2	W	5	S	4	S	6	SE	7
6	NE	3	NE	6	NE	5	NE	5	NE	9	NE	9	NE	12	NE	16	NE	20	NE	16	NE	16	NE	14	NE	16	NE	14	NE	16
7	NE	8	NE	13	NE	13	NE	14	NE	13	NE	13	N	20	N	22	N	26	N	22	N	21	N	20	N	19	N	20	N	20
8	E	7	E	6	S	10	SE	10	SE	9	SE	6	SE	8	SE	13	E	24	NE	25	NE	19	NE	18	N	14	NE	11	E	9
9	S	8	S	4	S	5	S	4	S	2	S	5	S	6	S	4	S	8	S	6	S	7	S	8	S	6	S	6	S	4
10	SE	4	SE	3	SE	3	SE	4	Calma	1	SE	4	E	8	E	11	E	16	E	16	E	14	E	14	E	12	NE	23	NE	19
11	E	6	E	6	NE	6	NE	4	NE	4	N	5	N	15	N	15	N	19	N	30	N	28	N	28	N	25	NW	16	S	12
12	SW	7	W	7	SW	8	S	9	S	11	S	9	S	15	S	13	S	14	S	16	S	16	S	16	S	16	S	16	S	16
13	W	5	W	5	S	6	W	3	W	6	W	7	W	7	W	7	W	10	W	12	W	11	W	11	W	10	W	14	W	12
14	Calma	0	S	3	S	6	S	9	SW	5	SW	7	S	11	S	13	S	15	S	16	S	16	S	18	S	18	S	18	S	18
15	S	2	S	2	Calma	1	Calma	0	Calma	0	Calma	0	S	3	S	5	S	7	S	7	S	6	S	6	S	6	S	9	S	7
16	N	2	NW	4	NW	5	NW	4	NW	4	NW	5	NW	8	NW	10	N	15	N	13	N	12	N	9	N	9	N	7	N	9
17	N	12	N	15	N	11	N	8	N	12	N	9	NW	13	NW	14	NW	20	N	13	N	22	N	18	N	16	N	15	N	11
18	NW	3	NW	2	NW	3	W	6	W	5	NW	5	NW	3	NW	5	N	9	NW	9	NW	8	NW	10	NW	12	NW	16	NW	18
19	S	12	S	6	S	4	S	2	S	3	Calma	1	S	2	S	3	S	8	S	6	S	7	S	8	S	8	S	6	SW	9
20	NW	6	NW	7	NW	8	NW	9	NW	10	NW	16	N	16	N	27	N	26	N	24	N	22	N	20	N	18	N	20	N	18
21	NE	6	NE	9	NE	12	NE	8	NE	7	NE	9	N	10	N	7	N	6	NW	11	NW	12	SW	9	SW	8	SW	6	S	14
22	SE	7	SE	9	SE	8	SE	4	SE	4	SE	3	SE	7	SE	10	SE	25	SE	19	SE	22	SE	21	SE	23	SE	18	SE	21
23	E	17	E	15	E	12	NE	9	NE	9	NE	10	NE	14	NE	15	NE	14	N	10	N	7	N	8	N	7	N	11	NE	9
24	NW	5	W	6	NW	8	N	8	N	6	NW	5	NW	6	NW	8	NW	12	NW	12	NW	12	NW	10	NW	11	NW	10	NW	8
25	N	8	N	7	N	8	N	10	N	11	N	11	N	14	N	21	N	24	N	26	N	32	N	30	N	28	N	21	N	14
26	S	6	S	3	Calma	1	Calma	0	Calma	0	Calma	1	NE	2	NE	3	NW	5	NW	7	NW	5	NW	4	NW	7	NW	5	W	5
27	NW	5	W	4	W	3	Calma	1	S	3	SE	3	SE	3	SE	4	E	11	NE	13	N	16	N	19	N	26	N	16	NW	16
28	NW	3	NW	3	N	2	N	4	Calma	1	Calma	1	NW	6	NW	6	NW	8	NW	7	NW	6	W	5	W	8	S	8	S	12
29	S	3	S	2	S	2	S	5	S	3	Calma	1	S	2	S	4	S	7	S	8	S	8	S	6	S	5	S	5	S	7
30	N	9	N	12	N	11	NW	10	S	6	SE	5	SE	10	SE	5	S	7	S	15	S	13	S	12	S	12	S	14	S	12
31	S	2	S	2	SE	3	Calma	1	Calma	1	Calma	1	N	9	N	16	N	16	N	16	N	17	N	16	N	15	N	16	N	16
DIRECCIÓN PREVALENTE	S		S		S		S		S		SE Calma		N S		N S		N		N		N S		N S		N S		S		S	
NUMERO DE HORAS	7		8		7		7		8		7		7		8		10		10		9		9		10		11		11	
PROM. HOR. DE LA VELOCIDAD		6		6		6		6		5		5		9		11		14		14		13		13		13		12		12

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	2	S	3	S	4	Calma	1	S	7	S	4	S	9	SE	6	SE	5	S	11	10	46	N	9.14
E	5	E	11	E	11	NE	14	E	10	E	7	E	8	E	4	Calma	0	E	11	7	29	E	11.08
S	4	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	S	3	S	12	4	29	S	14.24
W	26	S	10	S	6	Calma	1	S	2	SW	4	S	4	S	5	Calma	1	S	16	6	50	S	15.53
SE	5	SE	5	E	13	NE	8	NE	6	NE	9	NE	7	NE	6	NE	4	Calma	7	4	22	S	15.28
E	14	E	12	E	12	E	10	E	8	SE	5	SE	5	E	7	NE	5	NE	16	11	31	NE	9.02
N	12	N	13	N	10	NE	3	E	3	E	4	Calma	1	E	3	E	4	N	12	13	44	N	7.56
SE	12	S	18	SE	12	SE	12	SE	10	E	12	E	10	E	20	NE	18	SE	9	13	58	E	23.00
SE	8	E	11	E	14	E	8	E	10	E	8	E	4	E	6	SE	2	S	15	6	22	S	0.17
E	12	E	6	E	7	E	11	E	11	E	9	E	11	E	12	E	10	E	16	10	27	E	8.28
S	15	S	16	S	8	S	3	S	4	S	2	SW	3	SW	5	SW	7	N	8	12	49	N	11.12
S	16	S	10	S	8	SW	3	SW	3	SW	4	W	4	W	4	W	5	S	15	10	43	S	14.01
W	13	W	13	W	9	NW	8	S	9	S	15	S	8	S	4	S	2	W	17	9	37	S	20.27
S	19	S	17	S	12	S	5	S	5	S	5	S	6	S	5	S	2	S	21	10	46	S	15.02
S	6	S	5	S	4	S	2	Calma	0	Calma	0	Calma	0	Calma	0	N	3	S	15	3	23	S	13.32
N	6	N	10	N	15	NE	9	NE	7	NE	3	NE	6	NE	8	NE	8	N	11	7	30	N	11.30
N	9	NE	7	NE	6	NE	7	NE	6	N	8	N	5	NW	4	NW	6	N	15	11	37	N	10.59
NW	20	N	27	N	20	NW	12	NW	20	NW	21	NW	24	NW	19	NW	23	NW	19	12	66	NW	23.19
SW	8	SW	6	W	2	Calma	1	Calma	1	N	5	N	8	N	8	NW	7	S	13	5	43	S	0.18
N	18	N	16	N	12	N	6	N	2	NE	5	NE	8	NE	6	NE	8	N	14	14	50	N	8.32
S	24	S	5	SE	7	S	10	S	9	S	10	S	14	SE	10	SE	11	S	7	10	62	S	15.10
SE	16	SE	16	SE	13	SE	10	SE	7	SE	5	SE	7	SE	12	SE	17	SE	24	13	45	E	13.48
NE	9	NE	11	NE	9	E	12	E	13	E	12	N	6	N	2	NW	3	NE	10	10	29	E	0.15
NW	8	W	7	W	3	N	8	N	9	N	8	N	9	N	11	N	10	NW	13	9	31	W	10.12
N	8	W	10	SW	13	NW	10	N	42	N	53	N	26	N	14	W	8	N	20	19	103	N	20.12
S	4	Calma	1	Calma	0	Calma	1	NW	3	NW	4	NW	3	NW	2	NW	5	NW	11	3	20	NW	12.43
N	14	W	24	S	14	SE	12	NW	10	NW	9	NW	3	S	2	Calma	0	W NW	5	10	84	S	16.42
S	8	S	13	S	10	S	10	S	12	SE	9	S	6	S	3	S	3	S	10	6	35	S	16.52
S	5	E	6	E	12	E	8	E	8	E	9	E	9	NE	11	NE	11	S	15	6	21	E	17.42
S	9	S	6	S	6	SE	8	SE	8	SE	7	SE	4	SE	3	SE	5	S	11	9	37	S	9.44
N	20	N	14	N	13	NE	7	E	7	E	4	E	4	E	2	NE	6	N	12	9	35	N	10.56
S		S		S		NE		NE		E		E S		E		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		96 Km.		
10		10		9		6		8		8		6		7		7		S	185	8	DIRECCIÓN	DÍA	HORA
	11		11		9		7		8		8		7		6		6				N	25	de 20.15 a 20.20

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	7	123	3	31	1	2			11	66			1	10			1	233
2			3	37	11	99	9	39									1	175
3							2	6	12	77	1	7	2	8			7	98
4									16	83	1	4	4	50			3	140
5	3	10	6	40	1	13	3	17	2	10			1	5	1	2	7	98
6			16	182	6	63	2	10										255
7	12	225	7	77	4	14											1	317
8	1	14	5	91	7	88	9	22	2	28								313
9					7	61	2	10	15	83								154
10			2	42	16	180	5	18									1	241
11	8	165	3	14	2	12			7	60	3	15			1	16		282
12									15	201	5	25	4	20				246
13									6	44			17	155	1	8		207
14									21	237	2	12					1	249
15	1	3							15	77							8	81
16	11	107	6	41											7	40		188
17	15	184	4	26											5	57		267
18	3	56											2	11	19	233		300
19	3	21							13	75	3	23	1	2	1	7	3	131
20	14	245	4	27											6	56		328
21	3	21	6	51			3	28	7	86	3	23			2	23		232
22							24	304										304
23	7	51	10	109	6	81									1	3		244
24	8	69											3	16	13	131		216
25	20	408									1	13	2	18	1	10		449
26			2	5					3	13			2	9	11	50	6	77
27	4	77	1	13	1	11	4	22	2	5			5	59	5	43	2	231
28	2	6					1	9	10	85			2	13	7	39	2	154
29			2	22	6	52			15	72							1	147
30	3	32					9	55	11	102					1	10		209
31	12	184	2	13	4	17	1	3	2	4							3	224
SUMAS	137	2001	82	821	72	693	74	613	185	1408	19	122	46	376	82	728	47	6784
% PREVAL POR VELOCIDAD	29.5		12.1		10.2		9.0		21.9		1.8		5.5		10.7		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		10		10		8		8		6		8		9		0	218

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	4	3	3	7	1	2	5	2
1 - 2	3	4	3	3	8	0	5	4	1
2 - 3	4	5	1	4	7	2	1	4	3
3 - 4	5	5	0	4	7	0	2	3	5
4 - 5	4	5	0	3	8	1	2	2	6
5 - 6	4	4	0	7	3	1	1	4	7
6 - 7	7	3	1	6	7	0	1	5	1
7 - 8	8	3	1	5	8	0	1	5	0
8 - 9	10	2	3	2	9	0	1	4	0
9 - 10	10	3	2	1	9	0	1	5	0
10 - 11	9	2	2	1	9	0	2	6	0
11 - 12	9	2	2	1	9	1	3	3	1
12 - 13	10	2	1	1	10	1	3	3	0
13 - 14	8	4	0	1	11	1	2	4	0
14 - 15	6	3	2	2	11	1	3	3	0
15 - 16	6	1	4	4	10	1	3	2	0
16 - 17	5	2	5	2	10	1	4	0	2
17 - 18	5	2	6	3	9	1	3	0	2
18 - 19	2	6	5	4	5	1	0	3	5
19 - 20	3	3	8	3	7	1	0	3	3
20 - 21	4	3	8	4	5	2	0	3	2
21 - 22	5	3	6	3	6	1	1	3	3
22 - 23	4	4	7	4	5	1	1	3	2
23 - 24	2	7	2	5	4	1	2	5	3
SUMAS	137	82	72	76	184	19	44	82	48
% de frec. por dirección	18.4	11.0	9.7	10.2	24.7	2.6	5.9	11.0	6.4

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Cs	8	Cs	8	Cu 1 Ci 7	8	Ac 4 Cs 1	5	Frs	7	97	97	97
2	As	8	As 5 Ci 2	7	Ac	1	Cu	6	Claro	0	4	8	7
3	Frs 1 As 7	8	Frs	8	Frs 2 As 6	8	Sc	2	Claro	0	7	7	8
4	Claro	0	Cu	1	Cu	3	Sc	7	Claro	0	8	9	8
5	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	8
6	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	7	7
7	Claro	0	Claro	0	Claro	0	Claro	0	Ac	4	9	9	8
8	Claro	0	Cu 5 Ac 1	6	Cb	7	Ns	8	Ns	8	5	8	5
9	Sc	8	Cu	6	Cu	5	Cu	4	Sc	1	5	8	7
10	Cu	2	Claro	0	Claro	0	Claro	0	Claro	0	8	8	5
11	Ac	4	Cu	3	Cb	8	Sc 3 Cb 3 Cu 1	7	Frs	7	8	7	7
12	Ac	2	Cu	1	Cu	2	Claro	0	Claro	0	8	9	8
13	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	8
14	Cu	1	Cu	3	Cu	3	Cu	2	Claro	0	8	7	5
15	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	8	6
16	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	7
17	Ci	3	Ci	6	As	7	Cs	8	Ci	8	9	8	8
18	Ci	1	Ci	2	Ci	1	Ac 5 Ci 2	7	Sc 4 As 3	7	7	7	8
19	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	5
20	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	6
21	Cs	8	Cs	8	As	8	As	8	St	8	6	6	8
22	Claro	0	Cs	4	Ci	6	Ci	7	Ci	3	7	8	7
23	Ac	7	Cu 1 Ac 6	7	Cu 3 Ac 3 Cs 1	7	Cu 1 Ac 3 Ci 1	5	Cb	1	7	7	8
24	Claro	0	Claro	0	Cu	3	Cu	1	Claro	0	7	8	8
25	Ci	1	Cs	8	St	8	Ns	8	Frs	8	8	8	6
26	Ci	2	Ci	2	Cu	1	Ac	5	Sc	2	8	9	8
27	Ac As	8	Sc	8	Sc	8	Clar	0	Claro	0	4	8	9
28	Ci	6	St	8	Frs	8	Sc	8	Frs	8	9	9	9
29	Claro	0	Ac	3	Cu	3	Cu	5	Claro	0	8	9	8
30	Claro	0	Cu	1	Cu	1	Cu	1	Claro	0	6	9	8
31	Cu	2	Claro	0	Claro	0	Ci	1	Claro	0	9	9	7
Prom.		3		3		3		3		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	41.1	28.3	1.04	8	1	4	B.
	10	50.5	32.1	1.50	8	1	4	B.
	12	51.6	33.0	1.51	8	1	4	
	14	50.5	32.5	1.46	8	2	5	
	15	52.5	33.7	1.53	6	5	4	
2	9	30.5	23.5	0.57	8	0	3	Ne.
	10	31.4	24.2	0.58	8	0	3	Ne.
	12	49.1	30.6	1.50	6	3	4	Ne.
	14	51.6	32.5	1.55	1	5	5	
	15	51.0	32.5	1.50	1	5	5	
3	9				8	0	4	Z.
	10				8	0	4	LL.
	12				8	0	4	Z.
	14				8	0	4	Z.
	15				8	0	4	LL.
4	9	43.8	23.1	1.68	0	5	5	
	10	46.6	25.4	1.72	0	5	5	
	12	46.3	26.2	1.63	2	5	5	
	14	30.1	21.9	0.67	3	3	5	
	15	43.2	26.1	1.39	5	3	5	
5	9	44.9	23.6	1.73	0	5	5	
	10	46.4	24.6	1.77	0	5	5	
	12	48.2	27.2	1.71	1	5	5	
	14	47.9	27.3	1.67	0	5	5	
	15	46.0	26.1	1.62	0	5	5	
6	9	46.0	25.6	1.66	0	5	5	
	10	46.8	25.8	1.71	0	5	5	
	12	49.0	27.5	1.75	0	5	5	
	14	48.1	29.1	1.54	0	5	5	
	15	47.6	28.6	1.54	0	5	5	
7	9	47.8	29.0	1.53	2	5	5	Vx.
	10	50.5	30.8	1.60	1	5	5	Vx.
	12	53.5	33.6	1.62	0	5	5	Vx.
	14	53.0	34.6	1.50	0	5	5	
	15	52.6	34.3	1.49	0	5	5	
8	9	48.3	29.2	1.55	1	5	3	B.
	10	50.5	30.4	1.63	3	5	4	B.
	12	35.4	28.4	0.57	7	0	5	
	14				7	0	5	Am.
	15				8	0	5	Am.
9	9	46.5	27.5	1.54	1	5	4	B.
	10	50.2	29.5	1.68	3	5	4	B.
	12	48.0	30.5	1.42	6	3	5	
	14	34.4	26.7	0.63	5	3	5	
	15	51.7	32.0	1.60	5	3	5	
10	9	50.2	28.0	1.80	4	3	5	
	10	48.5	27.8	1.68	1	5	5	
	12	49.8	29.2	1.67	0	5	5	
	14	49.9	30.2	1.60	0	5	5	
	15	49.4	30.2	1.56	0	5	5	
11	9	55.0	35.0	1.63	3	3	5	
	10	56.2	36.0	1.64	3	3	5	
	12	56.6	37.1	1.58	3	5	5	
	14				8	0	4	LL.
	15				7	0	4	Z.
12	9	45.3	24.7	1.67	2	5	5	
	10	47.7	27.6	1.63	1	5	5	
	12	49.2	27.8	1.74	2	5	5	
	14	49.5	28.2	1.73	2	5	5	
	15	41.2	25.8	1.25	3	5	5	
13	9	47.9	28.4	1.58	0	5	5	Vx.
	10	50.8	30.5	1.65	0	5	5	Vx.
	12	52.0	32.0	1.63	0	5	5	
	14	51.2	31.5	1.60	0	5	5	
	15	48.5	31.4	1.39	0	5	5	
14	9	40.4	21.0	1.58	5	5	5	
	10	41.8	22.5	1.57	4	5	5	
	12	49.0	36.0	1.06	5	5	5	
	14	46.9	26.0	1.70	3	3	5	
	15	44.0	25.5	1.50	3	5	5	
15	9	42.4	22.0	1.66	0	5	5	
	10	44.2	22.9	1.73	0	5	5	
	12	46.5	26.6	1.67	0	5	5	
	14	47.4	27.0	1.66	0	5	5	
	15	45.5	26.5	1.54	0	5	5	
16	9	47.6	27.1	1.67	0	5	5	
	10	49.0	28.5	1.67	0	5	5	
	12	51.0	30.8	1.64	0	5	5	
	14	50.4	31.4	1.54	0	5	5	
	15	50.0	32.2	1.45	0	5	5	
17	9	49.9	30.1	1.61	4	5	5	
	10	55.7	32.0	1.93	6	5	5	
	12	46.0	31.5	1.18	7	1	5	
	14	39.1	29.0	0.82	7	0	4	
	15	38.5	29.0	0.77	8	1	5	
18	9	52.1	33.1	1.54	0	5	5	
	10	54.2	34.5	1.60	1	5	5	
	12	56.0	36.5	1.58	1	5	5	
	14	54.8	36.6	1.48	1	5	5	
	15	54.6	36.7	1.46	1	5	5	
19	9	48.0	27.5	1.67	0	5	5	
	10	50.5	29.5	1.71	0	5	5	
	12	53.0	32.0	1.71	0	5	5	
	14	51.1	31.7	1.58	0	5	5	
	15	50.4	31.7	1.52	0	5	5	
20	9	48.0	29.2	1.53	0	5	5	
	10	50.5	31.5	1.54	0	5	5	
	12	53.4	34.3	1.55	0	5	5	
	14	53.0	34.6	1.50	0	5	5	
	15	52.0	34.5	1.42	0	5	5	
21	9	49.5	32.0	1.42	8	4	4	B.
	10	44.3	32.5	0.96	8	2	4	
	12	57.3	37.6	1.60	8	4	5	
	14	42.2	33.3	0.72	8	0	5	
	15				8	0	4	B., Am.
22	9	45.0	29.0	1.30	0	5	5	
	10	48.9	29.8	1.55	0	5	5	
	12	49.1	30.5	1.51	7	4	5	
	14	51.1	31.0	1.63	6	4	5	
	15	49.3	30.6	1.57	5	5	5	
23	9	41.1	26.5	1.19	3	2	5	
	10	47.7	30.0	1.44	7	2	4	B.
	12	58.0	35.5	1.83	6	3	5	
	14	49.0	32.9	1.31	7	2	5	
	15	44.0	32.2	0.96	7	2	5	
24	9	51.3	33.5	1.45	0	5	5	
	10	53.8	35.5	1.42	0	5	5	
	12	57.5	38.5	1.54	0	5	5	
	14	57.6	39.5	1.47	0	5	5	
	15	56.5	39.4	1.39	2	5	5	
25	9	55.7	36.8	1.54	2	5	5	
	10	58.0	38.0	1.63	6	4	5	
	12	49.6	36.0	1.10	8	0	5	
	14	34.4	31.4	0.24	8	0	5	
	15	40.0	28.8	0.91	8	0	5	
26	9	51.2	32.7	1.50	0	5	5	
	10	53.3	33.7	1.59	0	5	5	
	12	55.2	35.1	1.63	3	5	5	
	14	55.2	36.7	1.50	1	5	5	
	15	53.4	36.1	1.41	1	5	5	
27	9	40.1	30.1	0.81	8	0	2	N.
	10	42.0	31.2	0.88	8	1	3	B.
	12	33.2	28.0	0.42	8	0	5	
	14	39.1	28.7	0.84	8	0	5	
	15	45.3	30.8	1.18	8	0	5	
28	9	47.7	31.4	1.33	7	2	5	
	10				8	0	5	Am.
	12				8	0	4	LL.
	14				8	0	4	Am.
	15				8	0	4	Am.
29	9	44.7	26.6	1.47	1	5	5	
	10	46.6	27.4	1.56	3	5	5	
	12	49.2	29.2	1.63	3	5	5	
	14	52.1	30.9	1.72	3	5	5	
	15	45.2	28.1	1.39	4	5	5	
30	9	46.3	26.7	1.59	0	5	3	B.
	10	47.0	26.7	1.65	1	5	5	
	12	48.2	28.2	1.63	1	5	5	
	14	48.2	28.7	1.58	1	5	5	
	15	46.7	28.0	1.52	1	5	5	
31	9	46.5	26.5	1.63	1	5	5	
	10	48.2	27.9	1.65	1	5	5	
	12	50.0	30.0	1.63	0	5	5	
	14	50.5	31.3	1.56	0	5	5	
	15	50.2	32.0	1.48	1	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1	0.2	1.0	1.0	0.5	0.5	1.0	1.0	0.8	0.8	1.0	1.0	1.0	0.1		9.9	14.2	70
2			0.6	0.1			0.7	1.0	1.0	1.0	1.0	1.0	0.8	0.3	7.5	14.2	53
3												0.4	0.6		1.0	14.2	07
4	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.5		11.1	14.2	78
5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	14.2	87
6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.6	14.2	89
7	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.7	14.2	89
8		0.2	1.0	1.0	1.0	1.0	0.9								5.1	14.3	36
9				0.4	0.9	1.0	1.0	1.0	0.9	1.0	0.8	0.8	0.5		8.3	14.3	58
10		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.9	14.3	83
11		0.9	0.9	0.8	1.0	1.0	1.0	0.7		0.4	0.4		0.4		7.5	14.3	52
12		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.9	14.3	83
13	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.5	14.3	87
14	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.6	14.3	88
15	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.6	14.3	88
16	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.5	14.3	87
17	0.1	1.0	1.0	1.0	1.0	0.7	1.0	0.2							6.0	14.3	42
18	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			11.1	14.3	78
19		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.4	14.3	80
20		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.1	14.3	85
21	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9							7.1	14.3	50
22	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	13.0	14.3	91
23	0.6	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.5	0.9	0.6	0.9	1.0	0.4	11.7	14.3	82
24		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.2	14.3	85
25	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5							7.2	14.3	50
26	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.4	12.5	14.3	87
27	0.5	0.6		0.1						0.2			0.3	0.4	2.1	14.3	15
28	0.6	1.0	1.0	1.0	0.7				0.1						4.4	14.3	31
29	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.6	12.8	14.3	90
30	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.9	14.3	90
31	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.3	14.3	93
Medias	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.8	0.7	0.7	0.7	0.2	10.1	14.3	70

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	21.8	25.4	24.2	20.9	23.2	23.3	19.8	20.3	21.0	20.2	20.1	20.5	22.2	22.2	22.2
2	22.2	25.0	24.3	21.6	23.7	23.5	20.4	20.8	21.6	20.6	20.8	21.1	22.6	22.7	22.8
3	22.4	22.2	21.4	21.9	21.7	21.3	20.8	20.6	20.2	21.1	20.8	20.6	23.0	22.9	22.8
4	19.4	24.0	21.2	19.1	22.1	21.2	18.8	19.4	19.8	19.8	19.6	19.8	22.5	22.3	22.1
5	18.6	23.4	21.2	18.4	21.6	20.9	18.3	18.1	19.6	18.4	19.2	19.7	22.1	22.0	21.9
6	19.1	23.1	21.2	18.8	21.4	20.8	18.6	19.0	19.5	19.4	19.4	19.7	22.0	22.0	21.9
7	20.0	24.6	23.0	19.4	22.2	21.2	18.8	19.4	20.2	19.7	19.6	21.1	22.2	22.2	22.2
8	21.8	24.6	22.3	21.1	22.9	21.8	20.0	20.4	20.7	20.2	20.3	20.5	22.5	22.4	22.7
9	21.5	25.1	23.8	21.0	23.2	23.1	20.0	20.5	21.2	20.4	20.3	20.9	22.8	22.7	22.8
10	22.1	25.7	24.0	21.2	23.8	23.4	20.3	20.9	21.5	20.8	20.8	21.3	23.0	23.0	23.1
11	23.2	26.6	23.6	22.4	24.7	23.4	21.2	21.6	22.0	21.4	21.4	21.8	23.4	23.4	23.4
12	21.2	24.9	22.6	21.1	21.2	22.4	20.7	20.8	21.2	20.3	21.0	21.2	23.5	23.4	23.3
13	20.0	24.8	22.8	19.9	22.8	22.4	19.8	20.2	21.0	20.7	20.4	21.0	23.2	23.1	23.0
14	20.0	23.5	21.4	20.0	22.1	21.5	19.8	20.1	20.4	20.8	20.5	20.2	23.2	23.2	23.1
15	19.0	23.3	21.3	19.0	21.7	21.2	19.0	19.4	20.0	20.2	20.0	20.3	23.0	22.8	22.7
16	19.5	24.5	22.7	19.2	22.5	22.1	19.1	19.8	20.6	20.2	20.1	20.6	22.9	22.8	20.8
17	20.8	24.2	23.0	20.3	22.5	22.4	19.8	20.2	20.8	20.6	20.5	20.8	23.0	23.0	23.0
18	22.0	26.6	24.6	21.1	24.2	23.8	20.3	21.0	21.9	20.7	20.8	21.5	23.1	23.1	23.2
19	22.3	26.1	23.7	21.9	24.3	23.5	21.2	21.6	22.2	21.6	21.6	22.0	23.7	23.7	23.8
20	21.8	26.0	24.0	21.4	23.9	23.4	21.0	21.4	22.0	21.6	21.5	21.9	24.0	23.9	23.8
21	22.4	26.6	23.7	21.7	24.4	23.5	21.0	21.6	22.1	21.6	21.6	22.0	24.0	24.0	24.0
22	21.5	24.7	22.7	21.2	23.3	22.4	20.8	21.1	21.4	21.5	21.4	21.7	24.0	23.9	23.8
23	21.8	26.4	24.6	21.1	24.0	23.9	20.6	21.3	22.1	21.4	21.4	22.0	23.9	23.9	23.9
24	23.6	28.5	26.8	22.7	25.8	25.6	21.8	22.6	23.5	22.0	22.2	23.0	24.2	24.3	24.0
25	24.9	27.8	24.8	23.9	25.5	24.4	22.9	23.3	23.3	23.1	23.1	23.2	24.9	25.0	25.0
26	23.6	28.5	26.8	22.9	26.1	26.0	22.0	22.7	23.8	22.6	22.6	23.3	24.9	24.8	24.9
27	24.8	26.3	25.0	24.2	25.1	24.7	23.2	23.2	23.1	23.2	23.2	23.2	24.3	25.2	25.1
28	23.2	25.5	23.1	22.7	24.3	23.4	22.1	22.4	22.4	22.7	22.5	22.6	25.1	24.9	24.8
29	22.0	25.6	23.6	21.5	24.0	23.5	21.0	23.6	22.2	22.0	23.7	22.0	24.6	24.4	24.4
30	21.8	25.5	23.3	21.6	24.0	23.3	22.3	21.6	22.2	22.0	21.9	22.1	24.5	24.4	24.2
31	21.1	25.3	23.7	20.9	23.5	23.2	20.9	21.2	21.8	21.9	21.5	21.9	24.5	24.3	24.3
Prom.	21.6	25.3	23.4	21.1	23.4	22.9	20.5	21.0	21.5	21.1	21.1	21.4	23.4	23.4	23.3

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	1.2	2.3	2.5	5.2							9721
2	12.4	11.8	-	10.9	1	0.4	0.4	1.7	2.6							9725
3	0.0	0.0	0.0	0.0	2	0.5	0.5	0.3	1.2							9726
4	3.9	4.3	-	3.5	1	0.4	1.8	1.2	3.4							9730
5	0.0	0.0	0.0	0.0	0	0.4	2.0	2.2	5.3							9747
6					0	1.1	3.3	2.6	7.3							9746
7					0	1.4	3.8	2.8	8.2							9751
8					2	1.6	1.7	0.3	2.5	N.25	8.9	9.0	13.1			9754
9	43.1	43.0	40.3	41.0	1	0.5	1.1	1.1	2.8							9734
10					0	0.6	1.5	1.6	3.9							9726
11	7.2	7.4	6.4	6.5	2	0.8	0.9	2.4	4.2							9714
12	0.0	0.0	0.0	0.0	1	0.9	2.5	2.0	5.5							9709
13					0	1.0	3.0	2.7	7.0	N.26	18.3	16.4				9712
14					0	1.3	1.6	2.0	4.2							9721
15					0	0.6	1.7	1.7	4.2							9723
16					0	0.8	3.0	2.4	7.1							9746
17					0	1.7	3.6	1.9	6.4							9753
18					0	0.9	3.7	4.0	9.6	Ñ. 1	8.5	9.2	12.3	17.4		9754
19	0.0	0.0	0.0	0.0	0	1.9	3.9	2.2	8.0							9763
20					0	1.9	4.5	3.6	9.8							9767
21					0	1.7	3.4	1.4	6.5							9769
22	0.3	0.5	0.2	0.1	0	1.7	4.6	3.6	10.3							9774
23					0	2.1	2.3	2.1	5.3	Ñ. 2	5.6	8.2	9.2			9779
24					0	0.9	2.7	3.0	7.5							9783
25					2	1.8	4.9	0.6	8.9							9787
26	-	9.3	7.4	6.2	1	3.4	1.9	1.8	4.1							9794
27					0	0.4	1.8	1.3	3.7							9796
28					3	0.6	1.0	0.4	1.6							9802
29	10.3	11.1	10.5	10.4	1	0.2	1.8	2.1	5.1	Ñ. 3	15.4	14.5	15.2			9804
30					0	1.2	2.2	2.2	5.1							9808
31					0	0.7	2.9	2.7	7.1							9813
Prom.	-	87.4	-	78.6	-	1.1	2.5	2.0	5.6	-	-	-	-	-	-	9756

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
21.4	21.5	21.4	19.7	19.8	19.8	17.7	17.0	13.0	Cn. m. t. y n., r. m., Ne.Ru. t, LL.Ru. n.
21.8	21.8	21.8	19.6	19.6	19.6	17.8	17.1	15.6	Cn. m., Ca. t. y n., Ne. m., r. n.
22.0	22.0	22.0	19.8	19.8	19.8	17.7	17.1	16.4	Cn. m. y t., Ca. n., LL. m., Z. t., CH. y P. t.
21.7	21.5	21.5	20.0	20.1	20.2	17.9	17.1	5.8	Ca. m. t. y n., r. m., CH. t.
21.4	21.3	21.3	20.2	20.2	20.2	17.9	17.2	0.9	Ca. m. t. y n., r. m. y n.
21.4	21.5	21.4	20.3	20.3	20.2	18.0	17.2	4.0	Ca. m. t. y n., B. t., r. n.
21.5	21.5	21.5	20.3	20.3	20.3	18.0	17.3	8.0	Ca. m. y t., Cn. n., Vx. m. y t., r. n.
21.8	21.9	21.9	20.3	20.3	20.2	18.1	17.3	15.7	Ca. m., Cn. t. y n., B. m., LL. n.
22.3	22.0	22.0	20.5	20.4	20.4	18.3	17.5	16.2	Cn. m. y t., Ca. n., Ne. m., r. n.
22.2	22.3	22.3	20.4	20.5	20.5	18.5	17.6	12.5	Ca. m. t. y n., r. m. y n., B. n.
22.6	22.6	22.6	19.8	20.7	20.7	18.4	17.4	17.0	Cn. m. t. y n., r. m., CH.Ru. t. y n.
22.6	22.5	22.5	20.8	20.9	20.8	18.4	17.3	-	Ca. m. t. y n., r. m. y n., Vx. t.
22.5	22.5	22.4	20.9	20.9	21.0	18.5	17.5	3.0	Ca. m. t. y n., r. m. y n.
22.5	22.5	22.5	21.3	21.1	21.0	18.5	17.4	3.9	Ca. m. t. y n., r. m., B. t.
22.3	22.3	22.0	21.1	21.1	21.1	18.5	17.5	-	Ca. m. t. y n., r. m. y n., B. m.
22.3	22.3	22.2	21.0	20.9	20.9	18.6	17.5	4.4	Ca. m. t. y n., r. m., B. t.
22.4	22.4	22.3	21.0	21.0	21.0	18.7	17.5	9.9	Ca. m., Cn. t. y n., r. m. y n.
22.5	22.5	22.5	21.1	21.1	21.2	18.7	17.6	11.1	Ca. m. y t.,Cn. n.,B. m. y t.,Ru. m.,R. n.
22.8	23.0	23.0	21.1	21.1	21.2	18.7	17.6	11.5	Ca. m. t. y n., r. m. y n., B. t., Ns. n.
23.3	23.3	23.0	21.3	21.3	21.5	18.8	17.5	11.8	Ca. m. t. y n., r. m. y n.
23.3	23.3	23.3	21.5	21.5	21.5	18.9	17.7	12.0	Cn. m. t. y n.,B.Js.Ds. m.,B. t.,LL.R.P. t.
23.2	23.2	23.1	21.5	21.5	21.4	19.0	17.7	7.6	Ca. m. y n., Cn. t.
23.2	23.1	23.1	21.6	21.6	21.6	19.0	17.7	8.1	Cn. m. y t., Ca. n., B. t., R. n.
23.3	23.4	23.3	21.7	21.8	21.8	19.1	17.7	15.0	Ca. m. t. y n., B. t., Dl.Jl. n.
23.8	23.9	24.0	21.7	21.7	21.8	19.1	17.9	16.9	Ca. m., Cn. t. y n., Ru.LL. t., Z. n.
23.9	23.9	23.8	21.8	21.9	21.9	19.3	17.7	14.6	Ca. m. t. y n., R. n.
24.2	24.2	24.2	22.1	22.2	22.1	19.3	17.8	16.9	Cn. m. y n., Ca. n., r. m. y n., dv.N. m.
24.1	24.1	23.8	22.2	22.3	22.4	19.3	17.9	14.6	Cn. m. t. y n., r. m., LL.R. n., LL. m.
23.7	23.6	23.4	22.5	22.5	22.5	19.4	17.9	11.4	Ca. m. t. y n., B. t., r. n.
23.5	23.6	23.5	22.3	22.2	22.2	19.5	17.9	12.0	Ca. m. t. y n., B. m.
23.6	23.5	23.5	22.3	22.3	22.3	19.5	18.0	8.3	Ca. m. t. y n., r. m. y n., B. n.
22.7	22.7	22.6	21.0	21.1	21.1	18.6	17.5	11.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.2	64.8	6	6,7,8	47.9	3	2	19.6	25.5	14.0	29.9	7	15,16	5.7	5	5	9.2	14.2	65
2ª	54.8	60.3	15	7,8	45.4	18	21-22	19.5	26.2	12.2	32.6	18	15	5.0	15	5-6	11.0	14.3	77
3ª	54.8	63.2	31	7	46.8	28	15-16	22.0	29.0	15.6	34.1	24	15	10.4	31	5	9.9	14.3	69
MES	55.3	64.8	6	6,7,8	45.4	18	21-22	20.4	26.9	14.0	34.1	24	15	5.0	15	5-6	10.1	14.3	70

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	74	100	5	25	6	12.1	18.6	5.4	E	10	48	4	26	4,7	15-16 8-9	58	E	8	23.00	59.1	43.0	9	14.0	8	18-19
2ª	62	100	15	20	13,19	9.7	19.7	5.2	N	14	36	varios	30	11	9-10	66	NW	18	23.19	7.4	7.4	11	3.1	10	18-19
3ª	68	100	varios	7	22	13.0	21.1	1.6	N	14	96	25	32	25	10-11	103	N	25	20.12	20.9	11.1	29	7.0	28	20-21
MES	68	100	varios	7	22	11.6	21.1	1.6	N	15	96	25	32	25	10-11	103	N	25	20.12	87.4	43.0	9	14.0	8	18-19

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	4	5	3	-	-	-	-	4	1	-	2	-	-	-	-	1	1
2ª	2	5	-	-	-	-	-	1	1	-	1	-	-	-	-	2	1
3ª	6	6	-	1	-	-	-	2	1	-	-	-	-	-	2	1	4
MES	12	16	3	1	-	-	-	7	3	-	3	-	-	-	2	4	6

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	-	-	-	-	1	-	9	1	-	6	-
2ª	9	-	-	-	-	-	-	-	-	-	-	10	-	-	7	-
3ª	4	-	-	-	-	1	-	1	1	1	-	8	3	-	10	-
MES	21	-	-	-	-	1	-	1	1	2	-	27	4	-	23	-

Typis privatis Spec.Phys.cosm.Sanct.Michaelis