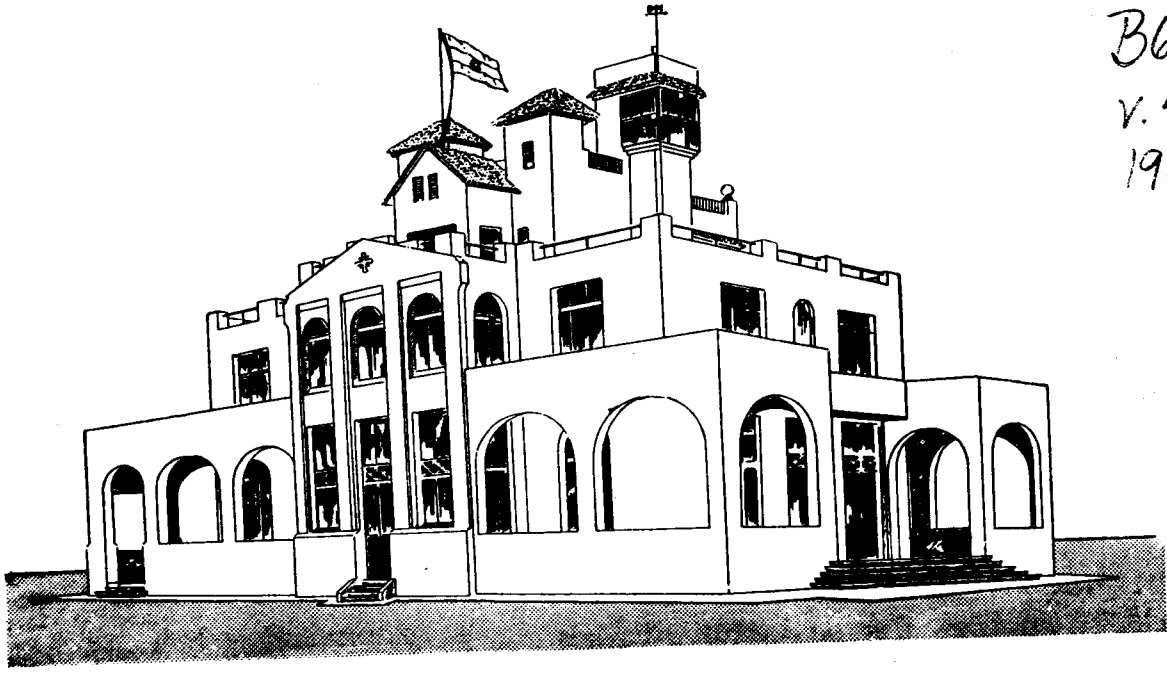
OBSERVATORIO DE FÍSICA CÓSMICA
DE
SAN MIGUEL (R. ARGENTINA)

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

QC
988
.A7
B69
v. 4
1949



BOLETÍN MENSUAL

VOLUMEN IV

AÑO 1949

LIBRARY
N.O.A.A.
U S Dept of Commerce

Dirección: OBSERVATORIO - San Miguel (F. C. P.) - ARGENTINA

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

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

Discolored pages
Faded or light ink
Binding intrudes into the text

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

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

OBSERVADORES Y CALCULISTAS:

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

ANTONIO ARBIA

BENITO LIPRANDI

APRECIACION 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, $\varphi = 34° 33' S$;
   Long. geográfica, $\lambda = 58° 44' W$ de G.
2. Aceleración de la pesantez (corrección por gravedad): $g = -0.75$.
3. Diferencia entre la hora local y la hora de Greenwich: $\Delta G = 3h\ 55m$.
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 ELECTRICOS

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 coeficiente e indican potencial absoluto, reducidos a volts por metro (V/M). En los promedios sólo se toman en cuenta los días del tipo "O" 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 "O". — 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 "$\lambda$" 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. REGISTROS METEOROLOGICOS

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 cu-

beta del Barometro 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 diez partes, de modo que para un cielo completamente despejado de nubes se considera nubosidad cero (0), y para el completamente cubierto nubosidad diez (10). 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 0 a 9, 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 gramocalorías 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 n.º 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 105º 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 diáfono - 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. - **Va**: 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.

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV ENERO 1949 N.° 1

RESUMEN MENSUAL

El año comienza caluroso y húmedo. Las temperaturas de los dos primeros días sobrepasan los 30.0° C; la humedad absoluta alcanza el día 2 el valor máximo mensual con 22.5 mm; el mismo día por la noche la presión registra a su vez la mínima con 747.9 mm. Algunas horas después pasa por el Observatorio un frente frío que es portador de intensas lluvias cuya precipitación representa la mitad de la caída en el mes. Los días subsiguientes son de buen tiempo; una corriente del N eleva un tanto la temperatura, la que, a raíz de un débil empuje de aire fresco, desciende el 10 otra vez por debajo de su nivel normal.

La segunda década se inicia con buen tiempo y contínuo ascenso de la temperatura. El ambiente tropical reinante es desplazado el 16 por una ola de aire polar, la que por la tarde del mismo día provoca un marcado descenso de la columna térmica (15.0° C en seis horas).Ésta y la presión alcanzan en la madrugada del 18 sus valores mensuales mínimo y máximo respectivamente. El viento del N restablece pronto las condiciones estivales, manteniéndose éstas así hasta el día 20.

La constante afluencia de aire tropical caracteriza la primera semana de la última década. Excepción hecha del 21, con cielo siempre despejado, las temperaturas acusan en este período valores diarios entre los 31.0°C y 34.0° C, alcanzando el 29 el valor máximo mensual con 35.0°C.Este mismo día el pasaje de un frente frío hace descender la temperatura en 20.0° C, registrándose hasta fin del mes cifras inferiores a la media normal, no obstante la fuerte irradiación de estos días.

La presión y la humedad relativa mantienen casi el promedio de muchos años; la temperatura en cambio y la tensión del vapor exceden en un grado y en medio mm respectivamente el valor normal, debido al constante aire tropical que predomina en la segunda quincena del mes.

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	26	26	30	18	34	73	71	40	46	26	-	-	-	- 5	-12
2	22	20	20	14	22	54	40	46	56	38	- 7	-10	-56	-61	-
3	18	22	32	30	∞	20	40	36	36	44	31	38	30	16	18
4	-	-	-	-	20	36	30	40	14	10	22	14	±∞	±∞	±∞
5	62	82	66	48	60	69	60	-	-	46	44	50	50	42	44
6	-	-	-	-	-	-	112	80	123	117	96	-	96	71	54
7	-	-	-	-	-	-	-	36	46	62	80	85	87	75	103
8	-	-	30	62	52	18	22	18	16	34	60	38	85	69	39
9	34	28	32	24	40	22	30	26	-	30	38	38	24	32	36
10	28	5	12	4	17	24	50	58	50	82	94	96	62	32	30
11	-	-	11	15	12	-	87	117	66	69	52	42	44	24	44
12	-	-	-	-	-	52	78	60	56	75	73	69	52	48	54
13	34	42	42	34	26	48	71	75	60	103	58	32	36	46	24
14	36	42	42	36	40	56	54	52	71	71	52	52	50	50	38
15	56	46	64	60	58	56	48	46	32	42	38	40	30	38	62
16	32	34	34	42	34	58	30	-	48	40	30	16	-∞	-∞	-∞
17	80	71	56	52	42	48	60	54	-14	-49	-18	16	16	- 7	- 9
18	10	16	14	15	24	28	82	74	45	91	105	112	97	94	82
19	18	42	46	30	-	-	-	20	34	42	28	48	30	34	30
20	61	45	44	46	34	42	56	36	31	42	22	24	23	20	22
21	46	27	23	19	12	14	18	36	38	60	38	26	24	22	28
22	80	52	59	54	69	58	71	46	34	54	18	5	14	4	30
23	-	-	-	-	-	-	-	41	30	45	29	11	5	11	15
24	24	32	28	29	20	16	22	20	30	43	40	6	14	4	3
25	27	40	40	34	32	32	50	41	60	+∞	+∞	20	18	9	-45
26	-	-	-	-	-	-	37	55	56	71	41	- 2	- 2	-21	-48
27	- 5	- 5	10	38	32	29	48	22	12	12	12	15	13	10	18
28	34	28	20	16	9	14	26	26	46	34	22	26	5	- 5	18
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	- 9	-	-
31	30	- 9	-	-	-	-	-	-	-	-	-	-	-	-	-
Prom.	49.8	40.0	43.2	40.2	36.0	42.0	44.0	42.5	43.0	53.8	37.5	35.5	31.8	32.5	37.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD λ x 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	10.55	11.86	22.41	0.89	9.20	9.60	18.80	0.96	1.51	1.54	3.05	0.98	1.37	1.41	2.78	0.97
2	5.60	3.45	9.05	1.61	6.37	9.31	15.68	0.70	1.25	1.29	2.54	0.98	0.65	1.98	2.63	0.33
3	3.11	4.55	7.66	0.69	5.12	5.75	10.87	0.88	0.65	0.66	1.31	0.98	0.90	0.75	1.65	1.20
4	5.66	11.97	17.53	0.47	-	-	-	-	0.93	0.88	1.81	1.06	-	-	-	-
5	-	-	-	-	2.27	5.45	7.72	0.42	0.30	0.35	0.65	0.86	0.49	0.47	0.96	1.04
6	4.02	7.34	11.36	0.55	4.87	6.43	11.30	0.76	0.71	0.63	1.34	1.13	0.71	0.95	1.66	0.75
7	3.68	3.52	7.20	1.02	5.67	6.27	11.94	0.90	0.71	0.66	1.37	1.08	1.00	1.06	2.06	0.94
8	2.45	5.54	7.99	0.43	4.93	4.62	9.55	1.06	1.13	0.88	2.01	1.28	0.65	0.64	1.29	1.02
9	4.61	9.56	14.17	0.50	8.52	10.13	18.65	0.84	0.93	0.95	1.88	0.98	1.27	1.42	2.69	0.89
10	3.00	6.02	9.02	0.50	3.47	5.30	8.77	0.66	0.46	0.50	0.96	0.92	0.53	0.71	1.24	0.75
11	5.22	4.43	9.65	1.17	6.86	8.08	14.94	0.85	0.30	0.27	0.57	1.11	0.94	0.90	1.84	1.04
12	6.65	8.03	14.68	0.82	7.15	11.62	18.77	0.61	0.99	1.23	2.22	0.80	1.37	1.80	3.17	0.76
13	6.96	6.41	13.37	1.08	7.96	8.22	16.18	0.97	0.90	0.84	1.74	1.07	1.42	1.42	2.84	1.00
14	10.80	11.71	22.51	0.92	7.04	8.18	15.22	0.85	1.58	1.52	3.10	1.04	0.89	0.73	1.62	1.22
15	11.38	10.08	21.46	1.14	8.91	10.03	18.94	0.89	1.58	1.30	2.88	1.22	1.37	1.66	3.03	0.82
16	7.45	8.63	16.08	0.87	11.23	13.36	24.59	0.84	1.16	1.20	2.36	0.97	1.65	1.84	3.49	0.90
17	6.42	6.30	12.72	1.01	5.73	6.35	12.08	0.90	0.88	0.92	1.80	0.96	0.83	1.08	1.91	0.77
18	4.48	5.33	9.81	0.86	9.92	8.23	18.15	1.20	0.74	0.87	1.61	0.85	1.60	1.44	3.04	1.11
19	14.39	10.52	24.91	1.37	12.14	12.41	24.55	0.98	1.50	1.41	2.91	1.06	2.01	2.04	4.05	0.98
20	6.09	10.94	17.03	0.56	9.83	12.18	22.01	0.81	0.84	1.60	2.44	0.52	1.70	1.9[illegible]	[illegible]	[illegible]
21	8.18	9.32	17.50	0.89	7.13	9.38	16.51	0.76	1.21	1.39	2.60	0.87	1.18	1.43	[illegible]	[illegible]
22	7.53	6.84	14.37	1.11	3.55	6.38	9.93	0.55	1.06	1.02	2.08	1.04	0.63	[illegible]	1.4[illegible]	0.79
23	9.26	8.67	17.93	1.06	4.36	5.13	9.49	0.85	1.27	1.36	2.63	0.93	0.60	0.67	1.2[illegible]	[illegible]
24	10.98	9.92	20.90	1.11	4.70	5.48	10.18	0.86	1.36	1.34	2.70	1.01	0.69	0.60	[illegible]	1.15
25	4.84	7.07	11.91	0.69	3.99	2.75	6.74	1.44	0.81	1.14	1.95	0.71	0.54	0.45	1.09	1.42
26	6.93	5.94	12.87	1.16	5.27	9.51	14.78	0.56	0.85	0.79	1.64	1.08	1.08	1.05	2.13	1.03
27	10.98	11.24	22.18	0.97	11.96	5.87	17.83	2.02	1.57	1.79	3.36	0.88	1.91	1.23	3.14	1.55
28	9.09	9.09	18.18	1.00	9.07	11.96	21.03	0.76	1.48	[illegible]	3.83	1.06	1.95	2.34	4.29	0.83
29	4.73	7.34	12.07	0.65	6.21	7.94	14.15	0.78	0.79	[illegible]	1.79	[illegible]	0.93	0.84	1.77	[illegible]
30	5.24	4.67	9.91	1.11	9.22	12.46	21.68	0.74	0.74	0.60	1.34	1.23	1.47	1.74	[illegible]	[illegible]
31	11.37	13.11	24.48	0.87	7.43	6.19	13.62	1.19	1.67	1.75	3.42	0.95	1.36	1.12	2.48	[illegible]
Prom.	7.05	7.98	15.03	0.90	7.00	8.15	15.15	0.8[illegible]	[illegible]	1.06	2.09	0.98	1.12	1.22	2.34	0.97

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
-14	-16	10	18	20	26	30	5	22		110	-91	201	2*
-	-	16	-	-	±∞	±∞	±∞	±∞		∞	∞	-	3*
32	- 7	-	-	-	-	-	-	-		94	-∞	-	2*
+∞	-	-	±∞	62	42	54	48	52		∞	∞	-	3*
44	46	38	16	-	-	-	-	-		129	∞	-	1*
46	48	52	42	54	58	56	-	-		206	+12	194	3*
73	71	87	58	52	50	48	22	18		263	-18	281	1*
69	42	+∞	-	52	66	62	36	50		∞	-∞	-	2*
36	28	16	22	-	-	91	105	48		238	-∞	-	1*
40	26	24	-	-	-	-	-	-		139	-16	155	1*
46	56	82	48	32	-	-	-	-		215	-25	240	2*
42	30	22	21	28	18	58	38	30		105	- 7	112	1*
38	24	20	40	64	46	-	-	-		128	-130	158	1*
69	71	85	101	87	34	28	28	42	53.6	139	+ 5	134	0
52	54	48	30	44	42	50	48	42	46.9	103	0	103	0
±∞	±∞	-∞	18	40	60	75	78	78		∞	∞	-	3*
-12	-50	-26	- 4	- 8	-15	-19	-28	-24		107	-163	270	2
80	82	94	62	36	42	38	-	-		167	-18	185	2*
34	48	48	52	50	58	∞	71	64		∞	-39	-	1*
18	14	22	20	29	47	58	47	44	35.3	84	0	84	0
26	24	30	26	43	46	38	32	75	32.1	135	-10	145	1
32	- 5	-34	-29	60	49	53	-	-		144	-139	283	2*
17	24	51	47	36	-	-	-	-		99	-42	141	2*
13	4	0	+∞	66	-	-	22	24		∞	-68	-	2*
-39	-33	13	39	-	-	-	-	-		∞	∞	-	2*
-32	-27	- 3	-	-	-	-	-	-		94	-150	244	2*
14	17	16	20	34	16	30	32	24		80	-30	110	2*
30	22	38	36	23	-24	14	22	14		75	-113	188	2*
-	-	-	-	-	-	-	-	-		-	-	-	*
-	-	-	-	-	32	-	-	60		-	-	-	*
-	-	32	18	20	14	28	62	64		162	-56	218	2*
41.2	40.8	46.2	44.2	50.8	42.2	43.5	38.8	50.8	42.0				

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^-
-	-	12	-	1.11	792	614	1406	1.29	1.13	0.97
- 9	-14	14	-1.18	1.23	429	964	1393	0.44	-	1.13
28	34	27	1.48	1.48	683	683	1366	1.00	-	0.80
24	16	∞	0.96	-	964	964	1928	1.00	-	-
50	46	42	1.00	1.34	230	245	475	0.94	-	1.62
117	98	50	4.38	2.77	490	570	1060	0.86	-	-
80	87	80	3.97	5.49	454	306	760	1.48	0.40	-
64	69	±∞	4.62	-	670	737	1407	0.91	1.16	1.48
30	32	24	2.00	2.15	241	216	457	1.12	-	-
107	89	34	2.85	1.40	283	364	647	0.78	-	1.05
50	48	64	0.91	3.92	429	283	712	1.52	1.87	1.26
71	71	30	5.25	3.17	624	859	1483	0.73	0.30	-
50	39	16	2.26	1.51	798	624	1422	1.28	1.00	1.45
48	56	80	5.79	4.32	964	1100	2064	0.88	1.13	0.35
42	44	42	4.22	4.24	798	849	1647	0.94	1.75	1.59
28	20	±∞	1.57	-	1155	1039	2194	1.11	0.31	0.[illegible]
-10	20	-21	1.20	-1.34	1654	907	2561	1.82	-	0.39
107	107	85	5.74	8.61	907	796	1703	1.14	0.80	-
32	44	48	4.27	6.48	1100	849	1949	1.30	0.70	-
24	24	20	1.95	2.40	907	1224	2131	0.74	1.00	0.89
36	30	26	2.60	2.26	916	796	1712	1.15	0.42	-
5	- 5	-75	-0.35	3.58	454	675	1129	0.67	-	-
22	15	51	1.32	2.16	855	1023	1878	0.84	0.92	1.60
7	28	-21	2.52	-0.90	792	920	1712	0.86	1.37	0.01
∞	62	5	4.03	0.18	735	792	1527	0.93	-	1.15
17	6	8	0.33	0.57	570	916	1486	0.62	1.94	0.86
14	12	12	1.34	1.26	553	853	1406	0.65	0.36	2.08
26	28	40	2.69	5.72	796	796	1592	1.00	1.60	0.99
-	-	-	-	-	981	907	1888	1.08	0.60	0.19
-	-	-	-	-	855	624	1479	1.37	0.45	-
-	-	24	-	1.98	1079	1165	2244	0.93	1.35	1.86
41	41	28	2.60	2.48	747	763	1510	0.98	0.98	1.07

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	54.5	53.9	53.9	54.1	54.7	55.0	55.1	55.1	55.2	55.1	55.0	54.8	54.6	54.6	54.1
2	52.4	52.5	52.7	53.0	53.0	53.0	53.1	53.0	52.8	52.2	51.7	50.8	50.4	49.6	48.6
3	49.2	49.8	51.0	51.8	52.5	53.1	54.3	54.8	54.9	55.0	54.9	54.9	54.7	54.6	54.2
4	56.5	56.1	55.9	55.8	55.8	55.3	55.6	55.5	55.5	55.3	54.9	54.9	54.9	55.6	55.0
5	53.7	53.7	53.8	53.8	53.7	53.8	53.9	54.0	53.4	53.4	53.5	53.2	52.8	52.2	52.2
6	54.9	56.0	56.1	56.7	57.2	58.0	58.5	59.0	59.2	59.1	59.0	58.9	58.7	58.4	57.8
7	59.5	59.5	59.5	59.7	60.2	60.6	61.4	61.6	61.4	61.4	61.1	60.8	60.5	60.1	59.5
8	59.0	59.2	59.0	59.1	59.7	59.8	59.9	59.8	59.6	59.2	58.8	58.5	57.8	57.4	56.9
9	56.9	56.8	56.6	56.3	56.4	56.6	56.8	57.0	56.6	56.5	56.0	55.7	55.2	54.8	54.1
10	55.7	55.6	55.6	55.7	55.9	56.3	56.6	56.8	56.7	56.8	56.7	56.4	55.9	55.6	54.9
11	55.8	55.5	55.5	55.7	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.2	56.0	55.7	55.5
12	56.7	56.8	56.8	56.9	57.3	57.9	58.3	58.7	58.8	58.8	58.7	58.5	58.3	58.2	57.9
13	59.1	59.1	59.2	59.5	59.7	60.4	60.6	60.8	60.8	60.9	61.0	60.8	60.7	60.4	60.1
14	59.9	59.8	60.0	60.2	60.7	61.2	61.7	61.8	61.6	61.6	61.4	60.9	60.5	60.0	59.6
15	57.6	57.1	56.9	56.8	56.6	56.5	56.5	56.2	55.8	55.5	55.3	55.0	54.3	53.7	53.0
16	49.8	49.3	48.8	48.7	48.6	48.9	48.8	48.8	48.6	48.3	48.3	48.1	48.4	48.8	48.9
17	57.7	57.8	58.1	58.5	59.3	59.9	60.2	60.4	60.7	60.9	60.9	60.6	60.5	60.4	60.1
18	62.6	62.4	62.2	62.4	62.6	62.9	63.0	63.3	63.2	63.2	63.1	62.8	62.1	61.5	61.0
19	60.1	60.0	59.8	60.0	60.1	60.3	60.3	60.4	60.2	59.8	59.6	59.1	58.5	57.7	57.0
20	56.2	55.9	55.6	55.5	55.7	56.0	56.2	56.3	56.0	55.9	55.6	55.6	54.9	54.2	53.9
21	53.6	54.1	54.4	55.0	55.2	55.4	55.1	55.9	55.8	55.7	55.5	55.2	55.2	54.8	54.7
22	56.0	56.0	56.0	56.1	56.3	56.7	56.9	57.2	57.1	56.9	56.8	56.9	56.6	56.2	55.7
23	56.4	56.3	55.8	55.9	56.1	56.5	56.5	56.8	57.1	56.9	56.4	56.3	55.9	55.5	54.6
24	55.7	55.6	55.7	55.8	56.0	56.2	56.5	56.8	56.7	56.7	56.4	56.2	55.8	55.0	54.4
25	56.6	56.8	56.7	56.8	57.3	57.9	58.3	58.3	58.3	58.2	58.0	57.6	57.2	56.6	56.0
26	57.6	57.6	57.5	57.8	58.2	58.5	58.9	59.1	59.0	58.9	58.9	58.9	58.5	58.2	57.7
27	57.1	56.9	56.5	56.5	56.5	56.9	56.9	56.7	56.5	56.5	56.1	55.7	55.2	54.4	53.9
28	52.7	52.5	52.4	52.4	52.6	53.0	53.0	53.0	52.7	52.2	51.8	51.8	51.4	50.6	49.6
29	50.8	50.7	50.9	50.9	51.3	51.8	52.4	52.6	52.7	52.8	52.7	52.4	51.8	51.0	50.2
30	58.3	58.7	59.2	59.5	59.8	60.1	60.8	61.1	61.3	61.3	61.4	61.1	60.6	60.4	59.9
31	60.6	60.5	60.3	60.1	60.2	60.3	60.4	60.3	60.0	59.5	59.0	58.4	57.9	57.4	56.7
Prom	56.2	56.2	56.2	56.4	56.6	56.9	57.2	57.3	57.2	57.1	56.9	56.7	56.3	55.9	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	19.5	19.2	19.4	19.1	19.1	21.3	24.8	26.8	28.5	30.4	31.9	32.8	33.7	33.8	33.9
2	23.2	22.3	22.3	22.1	21.4	22.0	23.3	25.3	29.1	30.8	31.8	31.6	31.8	31.6	32.7
3	22.0	21.9	21.6	21.0	20.7	19.4	19.2	20.4	20.4	21.7	24.0	25.9	27.1	27.6	27.8
4	20.4	20.5	20.1	19.6	19.4	19.5	20.9	21.0	21.4	21.1	21.9	21.4	20.1	18.9	18.2
5	19.3	18.9	18.2	17.8	17.9	18.1	18.7	19.3	20.2	21.1	21.8	23.1	23.5	24.2	23.4
6	16.2	14.8	13.7	13.0	12.1	12.2	14.9	16.2	17.8	19.3	20.1	20.9	22.2	23.2	24.2
7	14.0	13.6	13.3	13.0	13.0	14.1	18.0	20.5	21.4	22.9	24.1	24.9	25.3	25.6	25.1
8	16.3	17.1	16.4	16.0	15.0	15.3	18.4	21.0	22.3	24.2	24.5	25.5	25.7	26.6	27.2
9	21.0	20.4	20.6	20.4	20.5	20.5	21.7	23.6	25.5	26.5	27.9	28.9	30.1	30.8	31.0
10	17.7	16.5	16.2	15.7	15.5	15.8	18.3	21.2	23.6	25.1	26.4	26.6	27.8	28.6	28.6
11	19.9	18.8	17.8	17.1	16.7	16.8	19.5	23.4	25.2	25.9	26.1	26.5	26.8	27.3	27.0
12	19.2	18.4	17.2	16.9	16.2	16.7	20.8	23.0	24.3	25.6	26.9	28.0	29.0	29.7	30.4
13	20.1	19.9	19.3	18.6	18.2	18.6	21.5	24.6	26.3	27.8	28.9	29.8	30.9	31.4	31.2
14	20.9	20.4	19.5	18.7	18.8	19.4	21.3	23.8	25.6	27.4	28.8	29.3	30.2	30.7	31.0
15	21.5	21.0	21.0	20.5	20.5	20.5	21.9	23.7	24.7	26.3	27.0	28.2	28.7	28.9	27.9
16	21.3	20.8	20.2	19.8	18.8	19.1	23.1	27.2	29.6	30.9	32.4	33.1	31.5	28.5	27.1
17	12.9	12.3	11.6	11.0	10.5	10.5	14.3	16.5	18.1	19.1	20.4	20.9	22.1	22.6	23.2
18	13.0	11.4	10.0	9.3	8.2	8.2	13.2	18.2	19.8	20.1	21.2	21.9	23.0	24.0	24.0
19	11.3	11.2	13.2	15.1	15.9	16.1	18.5	21.7	23.8	25.5	26.8	27.4	28.0	28.4	28.9
20	15.8	15.3	14.4	13.7	15.3	16.7	19.9	23.5	26.2	28.7	30.2	31.0	31.7	32.6	32.4
21	22.6	22.7	22.2	21.8	20.3	20.4	22.1	24.5	25.8	28.5	29.0	29.9	30.8	31.1	30.3
22	19.5	19.4	19.1	18.7	18.9	19.7	23.0	26.6	28.5	30.7	31.8	32.4	33.5	33.5	33.4
23	22.8	22.7	21.9	21.4	20.9	21.1	24.0	26.1	27.6	28.9	30.3	31.2	32.3	32.6	32.5
24	23.7	23.6	22.9	22.2	21.6	21.9	23.2	25.2	26.2	28.2	30.5	31.7	32.4	33.2	33.1
25	23.6	22.4	21.6	21.3	20.8	20.9	23.0	25.9	28.0	29.3	30.6	31.2	31.4	31.5	31.6
26	22.6	22.4	22.3	21.0	20.7	19.3	23.5	26.3	28.0	29.2	30.5	30.7	31.1	31.5	31.5
27	22.6	21.9	21.8	20.9	20.1	20.3	22.2	24.9	27.4	29.3	30.5	31.2	32.2	32.7	32.8
28	20.3	19.6	18.9	18.6	19.5	20.0	22.6	25.9	29.2	31.0	32.8	33.6	34.1	34.6	34.2
29	21.2	20.8	19.8	19.3	18.5	17.8	18.9	22.1	25.1	28.0	30.7	32.0	34.0	35.2	35.4
30	15.9	13.9	13.0	12.3	11.5	11.1	13.5	16.8	18.3	19.6	20.6	22.2	23.4	24.2	24.2
31	11.6	11.5	12.1	12.4	12.5	12.4	15.9	19.2	22.2	24.3	25.8	27.1	28.3	28.8	29.1
Prom	19.1	18.6	18.1	17.7	17.4	17.6	20.1	22.7	24.5	26.0	27.3	28.1	28.8	29.2	29.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
53.6	53.3	53.3	53.4	53.6	53.6	53.5	53.5	52.9	55.2	9	52.9	24	2.3	754.2 mm.	1005.6 mb.
48.5	48.0	48.1	48.7	48.4	48.8	50.2	49.7	49.7	53.2	5-7	47.9	16-17	5.3	50.8	1001.0
53.9	54.1	54.5	54.9	55.5	56.0	56.1	56.3	56.6	56.6	24	49.2	1	7.4	54.1	1005.4
54.4	54.6	53.2	53.9	54.1	54.0	54.0	54.7	54.3	56.6	0	52.7	18-19	3.9	55.0	1006.6
51.6	51.7	52.1	52.2	54.0	54.6	54.8	55.9	54.9	55.9	23	51.5	16-17	4.4	53.4	1004.5
57.8	57.8	58.3	58.4	58.7	59.1	59.4	59.4	59.5	59.5	24	54.9	1	4.6	58.2	1010.9
59.1	59.9	58.7	58.9	59.2	59.4	59.5	59.5	59.2	61.6	8	58.7	18	2.9	60.0	1013.3
57.1	56.8	56.8	57.0	57.1	56.8	55.9	56.2	57.0	59.9	7	55.6	22-23	4.3	58.1	1010.8
53.5	53.1	53.4	54.3	56.7	56.5	55.8	55.7	55.8	57.0	8	53.1	17	3.9	55.7	1007.6
54.6	54.4	54.8	55.1	55.5	55.8	55.9	56.1	55.9	56.8	8,10	54.4	17	2.4	55.8	1007.7
55.3	55.4	55.3	55.7	55.9	56.4	56.7	56.8	56.7	56.8	23	55.3	16	1.5	56.0	1008.0
57.5	57.4	57.6	58.0	58.3	58.5	58.8	59.1	59.2	59.2	24	56.7	1	2.5	58.0	1010.6
59.5	59.3	59.3	59.4	59.4	59.5	59.7	59.9	60.0	61.0	11	59.1	1,2	1.9	60.0	1013.3
59.1	58.6	58.5	58.4	58.5	58.4	58.4	58.3	57.9	61.8	8	57.9	24	3.9	59.9	1013.2
52.2	51.6	51.3	51.3	51.2	51.1	51.0	50.8	50.3	57.6	1	50.3	24	7.3	54.1	1005.4
50.0	51.3	52.3	53.4	54.4	55.6	56.4	56.9	57.3	57.3	24	48.1	12	9.2	50.8	1001.0
60.0	60.2	60.7	61.1	61.6	62.1	62.6	62.5	62.5	62.6	22	57.7	0	4.9	60.4	1013.8
60.4	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.3	63.3	8	59.9	17	3.4	61.7	1015.6
56.6	56.2	56.1	56.3	56.4	56.7	56.6	56.6	56.5	60.4	8	56.1	18	4.3	58.4	1011.2
53.5	53.1	53.1	53.4	53.9	54.5	54.7	54.6	54.2	56.3	8	53.0	17-18	3.3	54.9	1006.5
54.4	54.1	54.2	54.2	54.5	54.8	55.0	55.8	55.8	55.9	8	53.6	1	2.3	54.9	1006.5
55.1	54.8	55.0	55.2	55.8	55.9	56.0	56.1	56.1	57.2	8	54.8	17	2.4	56.1	1008.1
54.4	54.3	54.3	54.4	55.1	55.6	56.1	56.2	56.1	57.1	9	54.3	17,18	2.8	55.8	1007.7
54.5	54.9	55.1	55.1	55.6	56.1	56.2	56.3	56.4	56.8	8	54.1	15-16	2.7	55.8	1007.7
56.0	56.3	56.4	56.9	57.4	58.0	58.3	58.1	57.9	58.4	22-23	55.7	15-16	2.7	57.3	1009.7
57.4	56.9	57.1	57.1	57.3	57.6	57.7	57.7	57.5	59.1	8	56.9	17	2.2	57.9	1010.5
53.4	52.8	52.8	52.9	53.0	53.3	53.3	53.0	53.0	57.1	1	52.6	17-18	4.5	55.0	1006.6
48.7	48.6	48.7	49.0	49.6	50.0	50.0	50.0	50.6	53.0	6,7,8	48.6	17	4.4	51.1	1001.4
50.4	50.8	51.4	52.2	53.6	54.7	55.6	56.9	57.8	57.8	24	50.2	15	7.6	52.4	1003.2
59.6	59.3	59.3	59.6	59.9	60.3	60.3	60.5	60.6	61.4	11	57.8	0	3.6	60.1	1013.4
56.1	55.5	55.5	55.5	55.6	56.1	55.9	56.0	56.1	60.6	1	55.4	19-20	5.2	58.1	1010.8
55.1	55.0	55.1	55.4	55.8	56.1	56.3	56.4	56.4	58.2		54.2		4.0	56.2	1008.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
32.9	32.1	31.1	29.0	26.9	26.1	24.8	23.8	23.2	34.2	13-15	19.1	4,5	15.1	26.8
31.0	30.4	30.0	29.2	28.6	28.6	21.9	21.8	22.0	32.9	14-15	21.4	5-6	11.5	26.9
27.7	25.2	23.4	22.1	21.2	20.6	20.4	20.3	20.2	27.8	16-17	19.2	7	8.6	22.6
18.5	18.6	18.8	19.4	20.5	21.1	20.6	20.4	19.9	21.9	11	18.8	18	3.1	20.1
23.4	23.3	22.0	20.9	20.0	17.6	16.8	16.8	16.4	24.5	13-14	16.4	24	8.1	20.1
22.5	21.8	20.9	18.6	17.4	16.2	15.5	14.8	14.4	24.3	15-16	11.9	5-6	12.4	17.6
25.1	24.7	24.1	21.4	18.2	16.5	15.7	14.9	14.8	25.6	14	12.9	5-6	12.7	19.3
27.0	26.6	24.8	23.3	21.2	20.1	19.5	21.4	21.1	27.2	15	14.4	5-6	12.8	21.5
31.4	31.3	30.8	26.7	18.0	18.3	18.5	18.6	18.2	31.4	16	18.0	20	13.4	24.2
29.2	28.3	26.0	23.7	22.4	21.7	21.2	20.8	20.2	29.4	16-17	15.3	5-6	14.1	22.4
27.2	26.8	25.2	23.5	21.8	21.1	20.5	19.8	19.4	27.3	14	16.7	5	10.6	22.5
30.0	30.5	27.5	25.6	23.4	22.6	21.0	20.1	20.2	30.5	17	16.0	5-6	14.5	23.5
30.5	29.5	28.1	25.4	23.1	22.0	21.5	21.5	21.5	31.7	15-16	18.1	5-6	13.6	24.6
29.8	29.8	28.9	26.2	24.4	23.8	23.4	22.7	21.9	31.2	14-15	18.7	4	12.5	24.9
28.4	28.6	28.3	25.7	24.1	22.9	22.1	21.7	21.7	28.9	14	20.4	5-6	8.5	24.4
24.9	19.4	18.1	17.3	16.7	15.8	15.0	14.0	13.6	33.1	12	13.6	24	19.5	22.4
23.5	21.8	21.0	19.2	18.2	17.6	16.1	14.7	13.8	23.7	16-17	10.3	5-6	13.4	17.2
23.8	23.1	22.2	19.3	17.1	15.1	13.5	12.2	11.6	24.0	14,15	8.2	5,6	15.8	16.8
28.2	27.9	27.6	25.1	22.3	20.8	19.1	18.5	16.9	29.0	15-16	11.2	2	17.8	21.6
32.6	31.7	30.0	27.5	25.0	24.3	23.6	23.0	22.6	32.9	14-15	13.7	4	19.2	24.5
29.4	29.7	28.0	25.9	22.7	21.1	19.6	19.2	19.8	31.1	14	20.2	5-6	10.9	24.8
33.0	32.1	29.0	26.7	25.1	24.6	23.7	23.5	23.2	33.6	14-15	18.5	3-4	15.1	26.2
32.1	30.8	29.4	27.3	25.4	24.6	23.7	23.7	23.6	32.8	14-15	20.8	5-6	12.0	26.5
27.7	32.0	29.4	27.4	25.8	24.7	24.3	24.4	23.9	33.3	14-15	21.6	5	11.7	26.6
31.3	30.8	29.1	26.4	24.6	23.6	23.2	22.6	22.5	31.7	15-16	20.8	5	10.9	26.1
31.1	30.7	29.6	26.2	24.1	23.2	22.5	22.6	22.6	31.8	14-15	19.3	6	12.5	26.0
32.6	32.0	30.5	27.7	25.6	24.5	23.4	22.4	21.4	32.9	15-16	20.0	5-6	12.9	26.3
34.7	33.7	32.0	29.2	28.2	26.8	25.7	24.1	22.7	34.7	16	18.6	4	16.1	27.2
34.5	31.9	30.2	28.1	25.6	27.3	21.9	18.3	16.8	35.9	14-15	17.8	6	18.1	25.4
24.6	24.0	23.2	20.3	16.6	14.7	13.0	12.7	12.0	24.6	16	11.1	6	13.5	17.6
28.9	28.1	26.1	23.0	20.6	18.7	18.0	16.9	16.1	29.1	15	11.5	2	17.6	20.4
28.6	28.0	26.6	24.4	22.4	21.4	20.3	19.7	19.3	29.8		16.6		13.2	23.1

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	15.5	15.0	15.5	15.0	16.0	16.5	15.5	17.4	16.5	17.0	16.5	17.5	16.5	16.9	16.5
2	19.5	18.5	18.5	19.0	18.5	18.0	19.5	18.9	18.5	17.0	18.5	18.0	18.5	19.5	19.0
3	18.0	17.0	15.5	14.0	15.0	14.5	14.5	14.2	13.5	13.0	12.5	11.5	10.0	11.1	10.5
4	12.5	11.0	12.5	10.5	10.5	8.5	9.5	11.7	11.5	11.5	11.0	11.5	14.0	15.0	14.0
5	12.5	12.5	13.5	13.0	13.0	13.5	13.0	14.4	16.0	15.0	15.0	15.0	14.5	15.8	15.5
6	13.0	11.5	10.5	9.5	9.5	9.5	9.5	9.7	9.5	9.5	9.0	8.5	8.5	8.0	8.0
7	11.5	11.0	11.0	10.5	10.5	11.5	11.5	11.6	11.5	10.5	11.5	7.6	7.8	16.0	7.6
8	12.0	10.5	9.0	9.5	9.5	10.5	11.0	12.6	13.5	12.5	12.0	11.5	11.5	12.0	11.5
9	13.0	13.5	14.5	15.5	16.5	16.5	16.5	17.3	17.5	18.5	17.5	17.0	13.5	14.6	12.5
10	13.5	13.5	12.5	12.0	12.0	11.5	12.5	13.7	13.5	12.5	13.5	13.5	14.5	13.8	13.5
11	16.0	15.5	14.5	14.0	13.5	13.5	14.5	16.3	16.0	15.5	17.0	17.0	16.0	15.5	11.0
12	15.0	14.5	14.0	13.5	13.0	13.5	15.0	15.6	17.5	15.0	13.5	13.0	14.0	13.0	12.0
13	15.0	15.0	15.0	14.5	14.0	13.5	15.5	14.6	14.5	14.5	14.0	13.0	14.0	12.8	11.0
14	17.0	14.5	14.5	14.0	13.0	13.5	14.5	14.4	14.0	14.0	12.5	13.0	10.5	12.5	12.5
15	13.5	13.0	13.0	13.5	13.5	13.5	13.0	15.0	14.5	14.5	13.5	13.5	12.5	13.0	13.0
16	17.0	16.5	15.0	15.5	14.5	15.0	14.0	13.3	13.0	14.0	13.5	14.0	14.5	15.0	14.0
17	7.8	8.0	8.0	8.5	8.5	8.5	8.0	7.4	5.0	6.2	6.6	6.8	6.4	7.1	6.8
18	8.5	9.0	8.5	8.0	7.4	7.4	9.0	10.5	9.0	7.4	7.0	6.4	6.8	6.4	7.2
19	9.5	9.5	9.5	10.5	11.0	11.5	12.0	12.6	12.5	11.5	11.0	10.0	10.5	11.2	11.0
20	13.0	12.0	11.5	11.0	12.5	13.5	12.5	14.7	14.5	12.5	12.0	10.5	11.0	11.6	11.5
21	17.5	16.5	18.0	18.0	17.0	17.0	16.0	16.5	16.5	16.5	14.0	13.5	12.5	11.0	12.0
22	16.0	15.5	16.0	15.5	14.0	14.0	15.0	14.9	15.0	14.0	13.0	11.5	12.5	11.6	12.5
23	17.0	15.5	16.0	15.5	16.0	17.0	18.0	17.7	17.0	17.0	16.5	16.0	13.5	14.0	13.5
24	14.5	13.5	14.0	15.0	15.5	16.0	16.0	17.0	17.0	17.5	17.0	16.5	13.5	13.1	14.0
25	16.5	16.5	13.5	14.5	15.0	16.0	16.0	16.8	16.0	14.0	13.5	12.5	12.5	12.8	11.0
26	18.5	17.5	17.5	17.0	17.5	16.0	18.5	17.9	17.5	15.5	13.5	12.0	12.5	12.6	13.0
27	17.5	16.0	15.0	14.0	14.0	14.5	15.0	14.9	15.5	16.0	15.5	14.0	13.5	13.6	10.0
28	17.0	16.5	15.5	15.5	13.0	13.5	14.5	15.7	15.5	12.5	12.0	12.5	11.0	10.7	11.0
29	15.5	15.0	14.0	13.5	13.5	14.0	13.0	13.6	10.0	7.8	7.4	6.2	7.0	6.7	3.4
30	10.0	10.0	9.0	9.0	9.0	9.0	8.0	7.3	6.6	6.4	5.8	6.4	5.8	5.2	5.0
31	8.0	8.5	9.5	9.0	8.5	8.5	9.5	8.9	8.5	8.5	8.0	7.4	7.8	7.3	6.8
Prom.	14.2	13.6	13.4	13.2	13.1	13.2	13.6	14.1	13.8	13.2	12.7	12.2	11.8	12.2	11.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
42	42	47	59	72	79	84	88	92	97	5-6	41	14-15	56	68
61	62	69	72	78	78	90	94	94	98	5-6	51	11	47	76
37	64	65	66	70	74	73	72	74	94	1	36	13-14	58	69
94	93	95	93	91	86	85	86	83	96	18-19	51	6-7	45	76
70	69	71	76	88	97	96	96	97	98	23-24	68	16-17	30	82
50	55	60	67	81	89	93	95	97	98	24	35	14-15	63	72
27	38	39	55	71	77	87	89	92	99	4,5,6	30	14-15	69	68
42	46	59	61	75	86	91	71	75	91	22	38	15-16	53	65
39	39	41	69	84	78	78	86	94	94	24	38	16-17	56	70
47	58	65	75	81	82	86	86	87	97	2	45	14-15	52	73
35	38	47	62	73	79	85	89	92	98	3,5,6	35	16	63	74
31	32	49	63	75	80	87	89	85	100	4	28	16-17	72	70
40	48	52	65	77	91	95	91	91	95	5-6	35	14-15	60	68
40	41	47	54	67	77	76	84	85	94	0-1	27	13-14	67	64
51	52	55	62	69	79	85	83	84	85	22	43	13-14	42	66
51	64	72	73	75	77	81	76	73	95	5	35	11-12	60	67
29	45	47	51	56	60	59	71	74	92	6	30	16-17	62	57
35	36	42	58	77	90	99	100	100	100	24	28	14-15	72	66
36	39	40	57	70	81	89	94	95	100	0-1	36	16	64	66
33	36	41	49	68	79	83	86	91	100	4-5	29	14-15	71	65
40	40	47	58	74	82	87	91	90	100	5-6	33	13-14	67	69
32	33	43	53	63	70	70	84	87	100	3-4	31	15	69	62
38	40	49	59	73	78	84	88	85	91	5-6	31	13-14	60	66
43	44	49	60	69	77	80	80	80	84	4-5	32	13-14	52	64
31	23	45	66	76	78	83	85	90	91	5-7	23	17	68	63
31	20	31	65	77	84	84	85	85	98	6	20	17-18	78	66
33	38	51	58	68	87	87	91	97	97	24	29	15	68	65
29	27	32	46	52	62	67	74	80	100	4	28	14,15	72	58
9	18	18	19	26	34	38	64	78	93	6	5	15-16	88	47
26	28	31	39	55	55	71	76	80	93	5-6	24	15	69	55
23	24	27	40	56	60	57	59	65	94	3	22	17-18	72	53
40	40	49	60	70	77	81	84	86	96		34		62	66

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.5	15.0	16.5	17.0	19.2	19.5	19.0	19.0	19.5	19.5	21,24	15.0	2,17	4.5	16.8
20.5	20.0	21.0	21.5	22.5	22.5	17.0	18.0	18.0	22.5	20,21	17.0	22	5.5	19.2
10.5	14.5	13.0	13.0	13.1	13.0	12.5	12.5	12.5	18.0	1	10.0	13	8.0	13.2
14.5	14.5	14.5	15.5	16.2	16.0	14.5	15.5	14.0	16.2	20	8.5	6	7.7	12.9
14.5	14.0	14.0	14.0	15.4	14.5	13.5	13.5	13.5	15.8	14	12.5	1,2	3.3	14.1
9.5	10.0	10.5	10.5	12.1	11.5	12.0	11.5	11.5	13.0	1	8.0	14,15	5.0	10.1
8.5	8.5	8.0	10.0	11.6	10.5	11.5	11.0	11.5	16.0	14	7.6	15	8.4	10.5
11.0	12.0	13.0	13.0	13.9	15.0	15.5	13.5	13.5	15.5	22	9.0	3	6.5	12.1
12.5	12.5	14.0	17.0	12.9	12.0	12.0	13.5	14.0	18.5	10	12.0	21,22	6.5	14.8
14.0	16.5	15.5	15.5	16.3	15.5	16.0	16.0	15.0	16.5	17	11.5	6	5.0	14.0
8.5	9.5	11.0	13.5	14.3	14.0	14.5	15.0	15.5	17.0	11,12	8.5	16	8.5	14.2
10.0	10.5	13.0	15.0	16.2	15.5	16.0	15.0	14.5	17.5	9	10.0	16	7.5	14.1
12.0	14.5	14.5	15.0	16.2	18.0	17.5	17.5	17.5	17.5	22,23,24	11.0	15	6.5	14.7
11.5	13.0	14.5	13.0	15.4	17.0	16.5	16.5	16.0	17.0	1,21	10.5	13	6.5	14.1
15.0	15.0	15.0	15.0	15.4	16.0	16.0	15.5	15.5	16.0	21,22	12.5	13	3.5	14.2
12.0	10.5	11.0	10.5	10.7	10.0	10.5	9.0	8.0	17.0	1	8.0	24	9.0	13.0
6.0	8.0	8.5	8.5	8.8	8.5	7.8	9.0	8.5	9.0	23	5.0	9	4.0	7.8
7.2	7.8	8.5	9.5	11.2	11.0	11.0	10.0	9.5	11.2	20	6.4	14	4.8	8.5
10.5	10.5	10.0	13.5	13.2	15.0	14.0	14.5	13.0	15.0	21	9.5	1,2,3	5.5	11.6
12.0	13.0	13.5	13.0	16.0	17.5	17.5	18.0	18.5	18.5	24	10.5	12	8.0	13.5
11.5	11.5	13.0	14.0	15.2	15.0	14.5	15.0	15.0	18.0	3,4	11.0	14	7.0	14.9
12.0	11.5	12.5	13.5	15.1	15.0	14.5	17.5	18.5	18.5	24	11.5	12,17	7.0	14.2
13.0	12.5	14.5	15.5	16.6	17.5	18.0	19.0	17.5	19.0	23	12.5	17	6.5	16.0
11.5	15.0	14.5	15.5	17.0	18.0	17.5	17.5	17.0	18.0	21	11.5	16	6.5	15.6
11.0	7.4	12.5	17.0	17.0	16.5	17.5	16.5	17.5	17.5	24	7.4	17	10.1	14.6
11.0	5.8	10.0	15.5	17.2	17.5	16.5	16.5	16.5	18.5	1,7	5.8	17	12.7	15.1
12.0	13.0	17.0	15.5	16.8	20.0	18.5	18.5	18.5	20.0	21	10.0	15	10.0	15.4
11.0	10.5	11.5	14.0	14.8	16.0	16.5	16.0	15.0	17.0	1	10.5	17	6.5	13.8
3.2	6.2	5.6	5.0	3.7	8.5	7.4	9.5	11.0	15.5	1	3.7	20	11.8	9.2
6.4	6.0	6.8	6.6	7.7	6.4	8.0	8.5	8.0	10.0	1,2	5.0	15	5.0	7.4
6.8	6.4	7.0	7.8	10.1	9.0	8.5	8.0	8.5	10.1	20	6.4	17	3.7	8.2
11.1	11.5	12.4	13.3	14.2	14.6	14.0	14.4	14.3	16.4		9.6		6.8	13.1

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0 — 1		1 —		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	W	6	W	5	NW	3	Calma	1	NW	2	SW	3	E	2	SW	5	S	3	S	4	W	3	NW	10	NW	16	NW	18	NW	13
2	SW	4	W	5	W	5	SE	2	Calma	1	NE	2	N	7	N	5	NW	8	NW	14	NW	21	N	27	NW	30	NW	37	NW	26
3	S	2	SE	6	SE	7	SE	9	SE	6	SE	8	SE	8	SE	10	SE	5	SE	8	SE	7	SE	8	SE	8	SE	9	SE	9
4	E	14	E	15	E	17	E	19	E	16	E	20	E	20	E	18	E	17	NE	12	E	12	E	9	SE	7	SE	5	SE	10
5	E	10	W	5	SE	4	SE	6	SE	8	SE	10	SE	9	SE	12	SE	11	SE	14	SE	12	E	17	E	14	E	14	E	12
6	SE	8	SE	9	SE	7	SE	7	SE	7	SE	8	SE	6	SE	10	SE	11	SE	10	SE	9	SE	10	SE	9	SE	8	SE	7
7	E	4	NE	3	Calma	1	NW	3	NE	3	NE	3	NE	4	NE	6	NE	8	NW	7	NE	4	NE	9	NE	15	NE	13	NE	14
8	E	8	NE	8	NE	10	NE	10	NE	7	NE	8	NE	11	NE	14	NE	13	NE	12	NE	11	NE	14	NE	12	NE	13	NE	10
9	NE	7	NE	8	E	6	E	7	NE	9	NE	9	NE	10	NE	10	N	8	N	10	NW	4	NW	4	SW	5	SW	5	SW	7
10	Calma	0	SW	2	SW	4	SW	7	SW	7	S	6	S	8	SE	8	SE	10	SE	8	SE	8	SE	8	SW	5	SW	6	E	5
11	E	5	SE	2	E	3	Calma	1	S	2	S	4	S	3	E	4	E	5	E	5	E	6	E	11	E	12	E	11	E	14
12	E	4	SE	3	SE	3	SE	3	SE	4	E	3	NE	9	N	12	NW	10	NW	7	NW	3	NE	6	E	4	NE	4	E	4
13	NE	5	NE	6	NE	4	NE	5	NE	5	NE	5	N	11	N	11	NW	14	NW	11	NW	7	NW	4	NE	7	NE	6	NE	12
14	NE	7	N	8	N	6	NE	6	NE	7	NE	7	NE	11	N	14	N	11	NW	10	NE	9	NE	7	NE	11	E	10	NE	12
15	NE	7	NE	8	NE	8	NE	12	NE	13	NE	14	NE	16	NE	19	NE	22	NE	16	NW	19	NE	17	NE	14	NW	17	NE	11
16	N	4	N	4	N	3	N	2		4	N	2	Calma	1	N	6	NW	11	NW	9	SW	8	SW	5	SE	16	SE	21	SE	22
17	SE	5	SE	7	SE	4	S	4	SW	4	S	5	SE	8	SE	11	SE	12	SE	14	SE	13	SE	10	SE	12	SE	11	SE	10
18	SE	4	SE	2	SW	2	S	2	Calma	0	Calma	1	Calma	1	NE	6	NE	15	NE	12	NE	10	NE	13	NE	10	NE	9	NE	9
19	E	2	NE	5	NE	12	NE	10	NE	16	NE	12	NE	17	NE	17	NE	21	NE	18	NE	20	NE	17	NE	20	NW	19	NE	14
20	E	2	NE	5	Calma	0	E	6	E	9	NE	7	NE	9	NE	9	NE	12	NE	8	NE	8	NE	7	NE	6	NW	8	NW	9
21	E	8	NE	8	W	3	SW	7	SW	3	NW	4	NE	9	SW	7	S	2	W	4	NW	9	W	6	W	6	W	7	W	6
22	Calma	1	SE	3	SE	2	NE	5	NE	5	NE	5	NE	10	NE	15	NE	14	NE	6	E	8	NE	11	E	15	NE	15	NE	12
23	E	7	E	12	NE	13	NE	10	E	10	E	8	E	9	E	14	E	13	E	10	E	12	NE	16	E	15	E	16	NE	15
24	E	10	NE	13	NE	13	NE	13	NE	12	NE	13	NE	12	NE	15	NE	14	NE	12	NE	12	E	11	E	13	E	12	NE	18
25	E	6	NE	6	NE	6	NE	8	NE	5	NE	5	NE	9	NE	15	NE	12	NE	11	NE	10	E	11	E	9	E	12	E	16
26	E	7	E	8	E	8	E	6	E	6	E	3	E	6	E	7	NE	7	NE	8	E	7	E	9	E	9	E	14	E	13
27	E	7	E	9	NE	8	NE	7	NE	6	NE	8	NE	10	NE	11	NE	14	NE	11	NE	12	NE	9	NE	9	E	10	NE	9
28	Calma	0	Calma	0	NE	3	NE	5	NE	7	NE	8	NE	8	N	10	NW	11	NW	8	NW	6	NE	6	NE	10	NE	11	NE	9
29	S	8	S	10	S	9	S	6	SW	4	SW	7	SW	6	SW	7	SW	6	SW	9	SW	9	SW	8	W	14	W	14	W	18
30	SE	11	SE	13	SE	9	SE	8	S	6	SW	6	SE	7	SE	10	SE	12	SE	9	SE	11	SE	13	SE	13	SE	12	SE	12
31	N	3	N	5	NE	8	N	9	NE	12	N	11	NE	12	N	19	N	23	NE	21	N	19	NW	23	N	21	NW	24	NE	22
DIRECCION PREVALENTE	E		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		E		NE	
NUMERO DE HORAS	14		10		10		11		13		14		15		11		11		12		9		12		10		8		13	
PROM. HOR. DE LA VELOCIDAD		6		7		6		7		7		7		9		11		11		10		10		11		12		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
NW	24	NW	22	NW	19	NW	9	NW	11	NW	4	NW	7	N	8	NW	3	NW	14	9	28	NW	14.06
N	29	NW	26	N	22	N	18	N	12	NW	11	SW	15	SE	3	S	5	NW	9	14	55	SW	21.26
SE	9	E	15	E	17	E	-	E	14	E	11	E	13	E	12	E	10	SE	15	9	29	E	6.52
SE	15	SE	14	E	16	E	18	E	15	E	17	NE	19	E	10	SE	7	E	16	14	27	E	18.20
E	10	E	13	E	9	E	7	E	8	SE	8	SE	7	S	6	SE	8	SE	12	10	21	E	11.15
NE	11	NE	13	NE	11	NE	8	NE	4	Calma	1	E	2	E	4	E	3	SE	15	8	16	SE	14.08
NE	11	NE	10	E	8	NE	5	NE	3	E	3	E	2	E	3	E	5	NE	15	6	15	NE	12.45 14.00
E	6	E	3	E	3	E	4	E	5	E	4	NE	8	NE	16	SE	4	NE	16	9	19	NE	22.32
SW	5	SW	7	SW	5	NE	5	SE	16	SE	11	E	6	E	7	NE	3	NE	8	7	53	SE	19.31
E	6	NE	10	NE	12	NE	11	E	9	E	14	E	8	E	7	E	5	E	7	7	13	SE	9.37
NE	13	NE	13	NE	13	E	8	E	6	E	5	E	5	E	4	E	5	E	16	7	16	E	14.46
E	4	NE	7	NE	10	NE	6	NE	6	NE	7	E	4	E	6	NE	7	NE	9	6	15	N	6.47
NE	12	NE	13	NE	10	E	7	E	8	E	6	E	7	E	9	E	7	NE	12	8	17	NW	8.25
NE	11	NE	4	E	5	NE	7	E	6	E	8	E	7	E	6	NE	6	NE	13	8	13	E	14.13
NE	9	N	11	NE	9	NE	7	NE	6	NE	5	NE	5	N	3	NE	5	NE	20	11	22	N	10.56
SE	21	SE	23	SE	16	SE	18	SE	10	SE	6	SE	5	SE	7	SE	6	SE	12	10	37	NE	15.12
SE	11	E	14	NE	15	E	14	E	12	E	11	SE	6	SE	4	SE	5	SE	15	9	26	NE	9.17
NE	10	NE	13	NE	12	NE	9	NE	5	E	4	Calma	1	Calma	1	Calma	1	NE	13	6	18	NE	9.00
NE	17	NE	15	NE	13	NE	9	NE	6	E	4	E	4	E	5	E	4	NE	18	12	23	NW	13.52
NE	9	NE	9	NE	10	NE	7	NE	5	E	7	E	7	E	6	E	3	NE	14	7	13	NE	14.52
SW	4	SW	5	W	5	W	4	Calma	1	Calma	0	Calma	1	S	2	SE	5	W	8	5	10	NE	6.42
NE	9	E	13	E	10	E	13	SE	8	E	9	E	6	E	7	E	7	NE	11	9	20	NE	13.59
E	10	E	9	E	5	E	7	E	7	SE	4	SE	4	SE	5	SE	5	E	16	10	18	NE	11.22
NE	16	E	13	E	12	E	10	E	7	E	8	E	8	E	8	E	8	NE E	12	12	19	NE	15.29
E	17	E	14	E	13	E	11	SE	8	SE	5	SE	4	E	4	E	6	E	11	9	19	E	15.08
E	12	E	14	E	9	E	9	E	7	E	6	E	6	E	8	E	8	E	22	8	16	[illegible]	[illegible]
NE	8	NE	9	E	10	E	10	E	7	E	9	E	6	E	4	E	2	NE	14	8	15	N	10.47
NE	9	NE	9	NE	6	N	5	SW	7	S	9	S	6	S	6	SW	7	NE	12	7	14	N	[illegible]
SW	24	SW	21	SW	20	SW	20	SW	15	S	13	S	15	S	19	S	13	SW	13	12	37	NW	15.[illegible]
SE	10	SE	9	SE	8	SE	5	Calma	1	Calma	1	E	3	NE	2	N	4	SE	17	6	23	SW	13.03
NE	23	N	19	N	20	N	11	N	7	N	10	N	9	N	11	N	8	N	16	11	29	N	12.18
NE		NE		E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
14		12		12		12		13		15		16		17		13		NE	227	9	DIRECCIÓN	DÍA	HORA
	12		13		11		9		8		7		7		6		6				NW	2	de 13.45 a 14.00

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS	0 — 1		1 —		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	W	6	W	5	NW	3	Calma	1	NW	2	SW	3	E	2	SW	5	S	3	S	4	W	3	NW	10	NW	16	NW	18	NW	13
2	SW	4	W	5	W	5	SE	2	Calma	1	NE	2	N	7	N	5	NW	8	NW	14	NW	21	N	27	NW	30	NW	37	NW	36
3	S	2	SE	6	SE	7	SE	9	SE	6	SE	8	SE	8	SE	10	SE	5	SE	8	SE	7	SE	8	SE	8	SE	9	SE	9
4	E	14	E	15	E	17	E	19	E	16	E	20	E	20	E	18	E	17	NE	12	E	12	E	9	SE	7	SE	5	SE	10
5	E	10	E	5	SE	4	SE	6	SE	8	SE	10	SE	9	SE	12	SE	11	SE	14	SE	12	E	17	E	14	E	14	E	12
6	SE	8	SE	9	SE	7	SE	7	SE	7	SE	8	SE	6	SE	10	SE	11	SE	10	SE	9	SE	10	SE	9	SE	8	SE	7
7	E	4	NE	3	Calma	1	NW	3	NE	3	NE	3	NE	4	NE	6	NE	8	NW	7	NE	4	NE	9	NE	15	NE	13	NE	14
8	E	8	NE	8	NE	10	NE	10	NE	7	NE	8	NE	11	NE	14	NE	13	NE	12	NE	11	NE	14	NE	12	NE	13	NE	10
9	NE	7	NE	8	E	6	E	7	NE	9	NE	9	NE	10	NE	10	N	8	N	10	NW	4	NW	4	SW	5	SW	5	SW	7
10	Calma	0	SW	2	SW	4	SW	7	SW	7	S	6	S	8	SE	8	SE	10	SE	8	SE	8	SE	8	SW	5	SW	6	E	5
11	E	5	SE	2	E	3	Calma	1	S	2	S	4	S	3	E	4	E	5	E	5	E	6	E	11	E	12	E	11	E	14
12	E	4	SE	3	SE	3	SE	3	SE	4	E	3	NE	9	N	12	NW	10	NW	7	NW	3	NE	6	E	4	NE	4	E	4
13	NE	5	NE	6	NE	4	NE	5	NE	5	NE	5	N	11	N	11	NW	14	NW	11	NW	7	NW	4	NE	7	NE	6	NE	12
14	NE	7	N	8	N	6	NE	6	NE	7	NE	7	NE	11	N	14	N	11	NW	10	NE	9	NE	7	NE	11	E	10	NE	12
15	NE	7	NE	8	NE	8	NE	12	NE	13	NE	14	NE	16	NE	19	NE	22	NE	18	NW	19	NE	17	NE	14	NW	17	NE	11
16	N	4	N	4	N	3	N	2		4	N	2	Calma	1	N	6	NW	11	NW	9	SW	8	SW	5	SE	16	SE	21	SE	22
17	SE	5	SE	7	SE	4	S	4	SW	4	S	5	SE	8	SE	11	SE	12	SE	14	SE	13	SE	10	SE	12	SE	11	SE	10
18	SE	4	SE	2	SW	2	S	2	Calma	0	Calma	1	Calma	1	NE	6	NE	15	NE	12	NE	10	NE	13	NE	10	NE	9	NE	9
19	E	2	NE	5	NE	12	NE	10	NE	16	NE	12	NE	17	NE	17	NE	21	NE	18	NE	20	NE	17	NE	20	NW	19	NE	14
20	E	2	NE	5	Calma	0	E	6	E	9	NE	7	NE	9	NE	9	NE	12	NE	8	NE	8	NE	7	NE	6	NW	8	NW	9
21	E	8	NE	8	W	3	SW	7	SW	3	NW	4	NE	9	SW	7	S	2	W	4	NW	9	W	6	W	6	W	7	W	6
22	Calma	1	SE	3	SE	2	NE	5	NE	5	NE	5	NE	10	NE	15	NE	14	NE	6	E	8	NE	11	E	15	NE	15	NE	12
23	E	7	E	12	NE	13	NE	10	E	10	E	8	E	9	E	14	E	13	E	10	E	12	NE	16	E	15	E	16	NE	15
24	E	10	NE	13	NE	13	NE	13	NE	12	NE	13	NE	12	NE	15	NE	14	NE	12	NE	12	E	11	E	13	E	12	NE	18
25	E	6	NE	6	NE	6	NE	8	NE	5	NE	5	NE	9	NE	15	NE	12	NE	11	NE	10	E	11	E	9	E	12	E	16
26	E	7	E	8	E	8	E	6	E	6	E	3	E	6	E	7	NE	7	NE	8	E	7	E	9	E	9	E	14	E	13
27	E	7	E	9	NE	8	NE	7	NE	6	NE	8	NE	10	NE	11	NE	14	NE	11	NE	12	NE	9	NE	9	E	10	NE	9
28	Calma	0	Calma	0	NE	3	NE	5	NE	7	NE	8	NE	8	N	10	NW	11	NW	8	NW	6	NE	6	NE	10	NE	11	NE	9
29	S	8	S	10	S	9	S	6	SW	4	SW	7	SW	6	SW	7	SW	6	SW	9	SW	9	SW	8	W	14	W	14	W	18
30	SE	11	SE	13	SE	9	SE	8	S	6	SW	6	SE	7	SE	10	SE	12	SE	9	SE	11	SE	13	SE	13	SE	12	SE	12
31	N	3	N	5	NE	8	N	9	NE	12	N	11	NE	12	N	19	N	23	NE	21	N	19	NW	23	N	21	NW	24	NE	22
DIRECCION PREVALENTE	E		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		E		NE	
NUMERO DE HORAS	14		10		10		11		13		14		15		11		11		12		9		12		10		8		13	
PROMEDIO DE LA VELOCIDAD		6		7		6		7		7		7		9		11		11		10		10		11		12		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
NW	24	NW	22	NW	19	NW	9	NW	11	NW	4	NW	7	N	8	NW	3	NW	14	9	28	NW	14.06
N	29	NW	26	N	22	N	18	N	12	NW	11	SW	15	SE	3	S	5	NW	9	14	55	SW	21.26
SE	9	E	15	E	17	E	[illegible]	E	14	E	11	E	13	E	12	E	10	SE	15	9	29	E	6.52
SE	15	SE	14	E	16	E	18	E	15	E	17	NE	19	E	10	SE	7	E	16	14	27	E	18.20
E	10	E	13	E	9	E	7	E	8	SE	8	SE	7	S	6	SE	8	SE	12	10	21	E	11.15
[illegible]	11	NE	13	NE	11	NE	8	NE	4	Calma	1	E	2	E	4	E	3	SE	15	8	16	SE	14.08
NE	11	NE	10	E	8	NE	5	NE	3	E	3	E	2	E	3	E	5	NE	15	6	15	NE	12.45 14.00
E	6	E	3	E	3	E	4	E	5	E	4	NE	8	NE	16	SE	4	NE	16	9	19	NE	22.32
SW	5	SW	7	SW	5	NE	5	SE	18	SE	11	E	6	E	7	NE	3	NE	8	7	53	SE	19.31
E	6	NE	10	NE	12	NE	11	E	9	E	14	E	8	E	7	E	5	E	7	7	13	SE	9.37
NE	13	NE	13	NE	13	E	8	E	6	E	5	E	5	E	4	E	5	E	16	7	16	E	14.46
E	4	NE	7	NE	10	NE	6	NE	6	NE	7	E	4	E	6	NE	7	NE	9	6	15	N	6.47
NE	12	NE	13	NE	10	E	7	E	8	E	6	E	7	E	9	E	7	NE	12	8	17	NW	8.25
NE	11	NE	4	E	5	NE	7	E	6	E	8	E	7	E	6	NE	6	NE	13	8	13	E	14.13
NE	9	N	11	NE	9	NE	7	NE	6	NE	5	NE	5	N	3	NE	5	NE	20	11	22	N	10.56
SE	21	SE	23	SE	16	SE	18	SE	10	SE	6	SE	5	SE	7	SE	6	SE	12	10	37	NE	15.12
SE	11	E	14	NE	15	E	14	E	12	E	11	SE	6	SE	4	SE	5	SE	16	9	26	NE	9.17
NE	10	NE	13	NE	12	NE	9	NE	5	S	4	Calma	1	Calma	1	Calma	1	NE	13	6	18	NE	9.00
NE	17	NE	15	NE	13	NE	9	NE	6	E	4	E	4	E	5	E	4	NE	18	12	23	NW	13.52
NE	9	NE	9	NE	10	NE	7	NE	5	E	7	E	7	E	6	E	3	NE	14	7	13	NE	14.52
SW	4	SW	5	W	5	W	4	Calma	1	Calma	0	Calma	1	S	2	SE	5	W	8	5	10	NE	6.42
NE	9	E	13	E	10	E	13	SE	8	E	9	E	6	E	7	E	7	NE	11	9	20	NE	13.59
E	10	E	9	E	5	E	7	E	7	SE	4	SE	4	SE	5	SE	5	E	16	10	18	NE	11.22
NE	16	E	13	E	12	E	10	E	7	E	8	E	8	E	3	E	8	NE E	12	12	19	NE	15.39
E	17	E	14	E	13	E	11	SE	8	SE	5	SE	4	E	4	E	6	E	11	9	19	E	15.08
E	12	E	14	E	9	E	9	E	7	E	6	E	6	E	8	E	8	E	22	8	16	[illegible]	[illegible]
NE	8	NE	9	E	10	E	10	E	7	E	9	E	6	E	4	E	2	NE	14	8	15	N	10.47
NE	9	NE	9	NE	6	N	5	SW	7	S	9	S	6	S	6	SW	7	NE	12	7	14	N	12.16
SW	24	SW	21	SW	20	SW	20	SW	15	S	13	S	15	S	19	S	13	SW	13	12	37	NW	15.20
SE	10	SE	9	SE	8	SE	5	Calma	1	Calma	1	E	3	NE	2	N	4	SE	17	6	23	SW	13.03
NE	23	N	19	N	20	N	11	N	7	N	10	N	9	N	11	N	8	N	16	11	29	N	12.18
NE		NE		E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
14		12		12		12		13		16		16		17		13		NE	227	9	DIRECCIÓN	DÍA	HORA
	12		13		11		9		8		7		7		6		6				NW	2	de 13.45 a 14.00

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	1	8			1	2			2	7	2	8	3	14	14	167	1	207
2	7	120	1	2			2	5	1	5	2	19	1	5	9	178	1	335
3					7	92	15	117	1	2								211
4			2	31	16	253	6	58										342
5					11	120	12	109	1	6								235
6			5	47	3	9	15	126									1	183
7			15	111	6	25									2	10	1	147
8			16	177	7	33	1	4										214
9		18	8	61	4	26	2	29			6	34			2	8		176
10			3	33	7	54	5	42	2	14	6	31					1	174
11			3	39	16	109	1	2	3	0							1	160
12	1	12	9	62	7	29	4	13							3	20		136
13	2	22	12	90	6	44									4	36		192
14	4	39	13	105	6	42									1	10		196
15	2	14	20	225											2	36		275
16	7	25					12	171			2	13			2	20	1	230
17			1	15	4	51	16	143	2	9	1	4						222
18			13	133	1	4	3	8	1	2							6	152
19			18	259	5	19									1	19		297
20			14	111	7	40									2	17	1	168
21			2	17	1	8	1	5	2	4	5	26	8	41	2	13	3	116
22			11	107	9	88	3	13									1	209
23			4	54	16	164	4	18										236
24			12	163	12	120												283
25			10	87	11	119	3	17										223
26			2	15	22	182												197
27			14	131	10	74												205
28	2	15	12	91					3	21	2	14			3	25	2	166
29									8	93	13	156	3	46				295
30	1	4	1	2	1	3	17	172	1	6	1	6					2	135
31	16	205	6	98											2	47		350
SUMAS	45	482	227	2266	196	1710	122	1052	27	178	40	311	15	106	49	606	22	6727
% PREVAL POR VELOCIDAD	7.2		33.7		25.4		15.6		2.6		4.6		1.6		9.0		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		10		9		9		7		8		7		12		1	217

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	4	14	4	2	1	1		3
1 - 2	3	10	5	8	1	1	1	1	1
2 - 3	2	10	4	8	1	1	2	1	2
3 - 4	2	11	4	6	3	2		1	2
4 - 5	1	13	4	4	2	4		1	2
5 - 6	2	14	4	3	3	3		1	1
6 - 7	2	15	4	5	2	1			2
7 - 8	7	11	4	6		3			
8 - 9	3	11	3	6	2	1		5	
9 - 10	1	12	2	6	1	1	1	7	
10 - 11	1	9	5	6		2	1	7	
11 - 12	1	12	6	5		2	1	4	
12 - 13	1	10	8	6		2	2	2	
13 - 14		7	8	6		2	2	6	
14 - 15		13	6	6		1	2	3	
15 - 16	1	14	7	5		3		1	
16 - 17	2	12	9	3		3		2	
17 - 18	2	11	12	2		2	1	1	
18 - 19	3	10	12	2		1	1	1	
19 - 20	2	7	13	4		2		1	2
20 - 21	1	2	16	5	2			2	3
21 - 22	1	3	16	5	2	1		1	2
22 - 23	3	2	17	4	4				1
23 - 24	2	4	13	7	2	1		1	1
SUMAS	45	227	196	122	27	40	15	49	22
% de frec. por dirección	6.0	30.6	26.4	16.4	3.6	5.4	2.0	6.6	3.0

BES, VISIBILIDAD

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		
Ci	7	Ci 3 Cs 5	8	Cu 4 Cs 4	8	Ac	7	Ac	7	97	98	97
Ac	2	Ac	2	Cu 1 Ac 1	2	As 6 Sc 1	7	Sc 7 Cb 1	8	8	8	7
As	8	Cs 1 Ac 7	8	Ac 6 Sc 1	7	Ac 6 Ci 1	7	Ac 1 Ci 3	4	8	8	8
As 1 Ac 7	8	Ac 6 As 2	8	Ns	8	Ns	8	Sc	8	9	7	9
St	8	Sc	8	Cu	7	Ac 1 Cs 5	6	Ns	8	7	7	7
Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	9	9	9
Claro	0	Cu	1	Claro	0	Claro	0	Claro	0	9	9	8
Ac	6	Ac	6	Ac	6	Sc	8	Sc	2	8	9	7
Sc 2 Ac 3 Ci 1	6	Cu 4 Ci 2	6	Cu 5 Ci 1	6	Cu	2	Sc Cb	7	9	9	8
Claro	0	Cu	1	Cu	5	Cu	1	Claro	0	9	9	8
Cu	3	Cu 3 Ci 5	8	Cu	2	Ac	2	Claro	0	6	7	8
Claro	0	Cu	3	Cu	3	Claro	0	Ci	1	8	9	8
Claro	0	Cu	1	Cu	1	Claro	0	Claro	0	8	9	8
Ci	5	Ci	7	Ci	7	Ci	8	Ci	8	9	9	8
Ac 3 Ci 2	5	Cs	7	Ci	7	Cs 7 Ac 1	8	Ac 1 Ci 1	2	8	9	8
Claro	0	Cu	1	Cu	1	Sc 4 Ac 2	6	Sc	1	8	5	9
Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	8
Cu 2 Ci 1	3	Claro	0	Claro	0	Ci	1	Claro	0	9	9	8
Claro	0	Cu	2	Ci	4	Ci	7	Ci	2	7	8	7
Ci	1	C	3	Cu	1	Ci	3	Ci	8	8	8	8
Ac 3 As 2 Cs 3	8	As	8	As	88	As	8	As	8	7	8	8
Ci	1	Ci	1	Cu 2 Ci 3	5	Ci	3	Claro	0	7	6	7
Claro	0	Claro	0	Cs	6	Cs	7	As	7	6	8	6
Ci	3	Ci	1	Ci	1	Ac	2	Sc 1 Ci 1	2	8	7	7
Ci	1	Ci 2 Ac 2	4	Ci	1	Ci	6	Ci	5	7	7	7
Ci	1	Cu	2	Cs	1	Claro	0	Ci	1	7	5	5
Claro	0	Cu	3	Cu	1	Claro	0	Claro	0	8	9	8
Claro	00	Claro	0	Cu 1 Ci 2	3	Ci 3 As 4	7	As	8	7	8	7
Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	8	8	8
Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
Claro	0	Claro	0	Claro	0	Claro	0	As	1	9	5	6
	2		3		3		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	54.1	34.2	1.52	7	4	5	
	10	56.6	36.1	1.67	5	4	5	
	12	53.5	37.0	1.34	8	4	5	
	14	52.8	37.6	1.24	8	3	5	
	15	52.5	37.5	1.22	8	3	5	
2	9	54.5	34.5	1.63	1	5	5	
	10	56.6	36.7	1.62	1	5	5	
	12	56.3	37.0	1.57	4	3	5	
	14	55.6	36.9	1.60	2	5	5	
	15	57.1	38.0	1.55	1	5	5	
3	9	30.7	22.3	0.68	8	0	5	
	10	46.0	36.9	0.74	8	2	5	Ds.
	12	47.3	30.0	1.41	7	3	5	
	14	55.0	32.8	1.80	7	3	5	
	15	44.8	30.4	1.17	7	1	5	
4	9	29.4	22.9	0.53	8	0	5	
	10	31.5	23.5	0.65	8	0	5	
	12				8	0	4	Am.
	14				8	0	3	LL.
	15				8	0	3	LL.
5	9				8	0	4	Am.
	10	27.4	22.6	0.39	8	0	4	
	12	36.6	25.6	0.89	8	1	5	
	14	43.9	27.9	1.30	7	0	5	
	15				8	0	5	Z.
6	9	45.5	23.5	1.79	0	5	5	
	10	47.8	25.5	1.81	0	5	5	
	12	49.0	27.0	1.79	0	5	5	
	14	50.4	28.7	1.76	1	5	5	
	15	55.1	30.5		3	3	5	
7	9	49.4	27.6	1.77	1	5	5	
	10	51.7	28.0		0	5	5	
	12	52.9	30.7	1.80	0	5	5	
	14	52.4	30.6	1.77	0	5	5	
	15	51.0	30.5	1.67	0	5	5	
8	9	50.6	28.8	1.77	4	5	5	
	10	50.5	29.5	1.70	5	5	5	
	12	43.5	29.0	1.18	8	0	5	
	14	49.2	31.0	1.48	6	3	5	
	15	53.1	32.5	1.67	6	5	5	
9	9	47.5	30.0	1.42	7	3	5	
	10	55.0	32.7	1.81	7	3	5	
	12	57.4	35.4	1.79	8	3	5	
	14	58.6	36.5	1.80	6	3	5	
	15	56.0	35.5	1.67	4	5	5	
10	9	50.1	28.9	1.72	0	5	5	
	10	53.0	30.6	1.82	0	5	5	
	12	53.8	32.3	1.75	0	5	5	
	14	56.3	33.3	1.87	5	3	5	
	15	59.1	35.6	1.91	2	5	5	
11	9	53.6	30.6	1.87	3	5	5	
	10	44.5	28.0	1.34	3	3	5	
	12	53.8	32.1	1.76	1	3	4	Ds., B.
	14	53.3	32.5	1.69	2	5	4	B.
	15	51.0	31.5	1.58	2	5	5	
12	9	52.2	30.8	1.74	0	5	5	
	10	54.7	32.4	1.81	1	5	5	
	12	56.6	34.2	1.82	2	5	5	
	14	60.0	36.1		3	5	5	
	15	54.6	34.9	1.60	1	3	5	
13	9	52.5	32.5	1.63	0	5	5	
	10	54.7	33.0	1.76	0	5	5	
	12	57.6	31.3		1	5	5	
	14	56.5	36.6	1.62	1	5	5	
	15	55.0	35.8	1.56	0	5	4	
14	9	52.3	31.5	1.60	7	4	5	Js.
	10	55.4	33.5	1.78	6	4	5	Js.
	12	54.6	34.6	1.63	7	4	5	Js.
	14	55.2	34.0	1.72	7	4	5	
	15	53.8	34.9	1.54	8	4	5	
15	9	48.5	30.4	1.47	7	4	5	
	10	53.5	32.1	1.74	7	4	5	
	12	55.2	34.0	1.72	7	4	5	
	14	54.2	34.0	1.64	8	4	5	
	15	39.4	30.0	0.76	7	1	5	
16	9	55.2	35.1	1.63	1	5	5	
	10	58.6	37.0	1.76	1	5	5	
	12	57.2	38.0	1.56	3	3	5	
	14	49.4	33.0	1.33	7	4	5	
	15	51.8	32.0	1.61	2	4	3	B.
17	9	42.0	24.0	1.46	0	5	5	
	10	48.3	25.3	1.87	0	5	5	
	12	50.7	28.9	1.77	0	5	5	
	14	50.9	29.1	1.77	0	5	5	
	15	50.0	28.5	1.75	0	5	5	
18	9	46.8	25.6	1.72	1	5	5	
	10	49.0	26.5	1.83	0	5	5	
	12	50.8	27.8	1.87	0	5	5	
	14	51.6	27.9		0	5	5	
	15	50.7	29.8	1.70	0	5	5	
19	9	50.7	29.6	1.72	0	5	5	
	10	53.4	31.6	1.77	1	5	5	
	12	55.3	33.4	1.78	2	5	5	
	14	55.4	34.1	1.73	4	5	5	
	15	55.0	34.1	1.70	3	5	5	Js.
20	9	53.6	32.7	1.70	3	5	5	
	10	57.7	34.8	1.86	4	4	5	Js.
	12	56.5	36.7	1.77	3	5	5	
	14	57.9	36.0	1.78	1	5	5	
	15	57.4	37.7	1.70	0	5	5	
21	9	42.1	29.7	1.01	8	1	4	B.
	10	50.3	33.3	1.38	8	1	4	B.
	12	52.1	34.9	1.40	8	1	4	B.
	14	53.1	34.9	1.48	8	1	5	
	15	41.0	32.0	0.73	8	0	5	
22	9	53.0	33.7	1.57	1	5	5	
	10	57.0	36.3	1.68	1	5	5	
	12	58.6	37.5	1.72	1	4	5	Js.
	14	55.9	38.1	1.45	5	4	5	Js.
	15	56.5	37.6	1.54	6	4	5	Js.
23	9	44.3	30.6	1.11	2	4	5	Js.
	10	56.0	34.7	1.73	3	4	5	Js.
	12	54.5	36.0	1.50	6	4	5	Js.
	14	59.9	38.3	1.76	6	4	5	
	15	58.6	37.6	1.71	7	3	5	Js.
24	9	53.4	32.8	1.67	4	4	5	Js.
	10	56.3	34.6	1.76	3	4	5	Js.
	12	58.4	37.2	1.72	1	5	5	
	14	58.7	38.0	1.68	1	5	5	
	15	58.9	38.0	1.70	3	5	5	
25	9	55.0	33.5	1.75	3	5	5	
	10	58.0	35.4	1.84	1	4	5	Js.
	12	58.1	36.4	1.76	1	5	5	
	14	55.6	36.3	1.57	1	5	5	
	15	55.5	36.1	1.58	1	5	5	
26	9	53.2	33.5	1.60	2	4	5	
	10	56.0	35.4	1.67	1	5	5	Js.
	12	56.6	36.6	1.63	1	5	5	
	14	56.7	36.7	1.63	1	5	5	
	15	55.3	36.3	1.54	1	5	5	
27	9	53.2	33.0	1.64	0	5	5	
	10	55.7	35.0	1.68	0	5	5	
	12	58.7	37.1	1.76	5	3	5	
	14	58.7	38.2	1.67	1	5	5	
	15	57.3	37.9	1.58	0	5	5	
28	9	54.7	35.0	1.60	0	5	5	
	10	58.5	37.6	1.70	0	5	5	
	12	62.8	40.4	1.82	3	3	5	
	14	60.2	39.6	1.67	3	4	5	
	15	58.0	39.0	1.54	3	4	5	
29	9	52.2	31.0	1.72	0	5	5	
	10	56.2	34.2	1.79	0	5	5	
	12	59.0	37.5	1.75	0	5	5	
	14	60.0	39.7	1.65	1	5	5	
	15	58.0	39.0	1.54	3	3	5	
30	9	46.7	24.0	1.84	0	5	5	
	10	49.0	26.0	1.87	0	5	5	
	12	50.5	28.0	1.83	0	5	5	
	14	51.0	29.0	1.79	0	5	5	
	15	50.3	29.5	1.69	0	5	5	
31	9	48.5	27.9	1.67	0	5	5	
	10	52.3	30.4	1.78	0	5	5	
	12	54.5	32.5	1.79	0	5	5	
	14	53.7	33.7	1.63	0	5	5	
	15	53.4	33.6	1.61	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	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.5	1.0	0.5		11.4	14.3	80
2	0.3	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			10.8	14.3	76
3						0.8	1.0	1.0	1.0	0.8	0.9	0.6	0.8	0.4	7.3	14.2	51
4	0.4	1.0	0.2	0.1											1.7	14.2	12
5					0.3	0.1	0.5	0.8	0.9	0.3	0.9	1.0	0.4		5.2	14.2	37
6	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	13.1	14.2	92
7		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.2	14.2	86
8	0.4	1.0	1.0	0.5	1.0	0.8	1.0	0.5	0.9	0.9	1.0	0.1			9.1	14.2	64
9	0.2	0.7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			10.0	14.2	70
10	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			11.0	14.2	78
11	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	14.1	90
12	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	14.1	90
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	0.6	12.9	14.1	92
14	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5	0.6	0.3		10.6	14.1	75
15		0.8	0.9	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.9	1.0	1.0	0.5	11.3	14.1	80
16	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4				9.7	14.0	69
17	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			10.9	14.0	78
18	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			11.0	14.0	79
19	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.6	0.5	11.8	14.0	84
20	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		12.1	14.0	86
21			0.8	0.1	0.4		0.4					0.5			2.2	13.9	16
22			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3		10.0	13.9	72
23	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				9.7	13.9	70
24	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	0.5	12.6	13.9	91
25	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	13.8	91
26	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	0.6	12.8	13.8	93
27	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	13.8	94
28	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			11.1	13.8	80
29	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	13.7	91
30	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	13.7	94
31	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	13.7	92
Medias	0.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	10.6	14.0	76

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h
1	25.8	32.5	29.1	24.8	29.4	28.1	23.3	25.2	26.2	24.7	24.7	25.4	26.2	26.2	26.3
2	26.4	32.7	29.8	25.7	29.9	28.7	25.2	25.9	26.7	25.4	25.4	26.0	26.7	26.7	26.9
3	24.4	28.8	25.9	24.4	27.3	26.1	24.5	24.7	24.3	25.2	25.0	24.1	27.0	26.8	26.7
4	22.9	23.6	23.0	23.2	23.3	22.3	23.4	23.2	23.3	24.4	23.9	23.8	26.5	26.2	26.0
5	22.0	25.0	24.1	21.9	23.7	23.8	21.9	22.1	22.6	22.9	22.7	22.9	25.4	25.2	25.0
6	21.8	27.6	24.0	21.2	25.8	24.1	21.6	22.4	23.2	22.6	22.6	23.0	25.0	24.9	24.8
7	21.5	28.4	24.5	21.2	26.2	24.5	21.7	22.5	23.3	22.7	22.6	23.1	24.9	24.7	24.7
8	21.9	27.1	25.1	21.6	24.9	24.6	21.9	22.4	23.1	22.8	22.6	23.0	24.9	24.8	24.7
9	24.0	30.2	27.2	23.0	27.4	26.5	22.5	23.5	24.6	23.0	23.2	23.8	25.0	25.0	25.1
10	23.1	30.2	26.8	23.1	27.9	26.4	23.3	23.9	24.9	23.9	23.8	24.3	25.5	25.6	25.6
11	24.3	30.1	26.6	23.7	25.8	26.3	23.6	24.3	25.0	24.2	24.1	24.5	25.8	25.9	25.8
12	24.2	31.0	27.3	23.7	28.3	26.9	23.7	24.4	25.3	24.3	24.3	24.8	26.0	26.1	26.1
13	24.8	31.4	27.7	24.1	28.8	25.2	24.0	24.9	24.7	24.6	24.7	25.2	26.3	26.3	26.3
14	25.1	30.2	28.0	24.7	28.7	27.5	24.6	25.1	26.0	25.1	25.0	25.5	26.7	26.6	26.7
15	25.4	31.0	28.0	24.9	28.4	27.4	24.8	25.2	25.9	25.3	25.2	25.5	26.9	26.9	26.8
16	25.5	31.8	26.4	25.0	29.3	26.8	24.8	25.4	26.0	25.4	25.3	25.7	27.0	27.0	26.9
17	22.4	29.0	25.1	22.9	27.2	25.3	23.8	24.1	24.8	24.9	24.6	24.6	26.9	26.7	26.5
18	21.7	28.9	25.0	21.9	26.7	25.0	22.9	23.2	24.1	24.2	23.9	24.2	26.4	26.2	26.0
19	22.7	29.8	26.5	22.4	27.0	25.9	22.7	23.5	24.4	23.8	23.7	24.2	26.0	25.9	25.9
20	23.6	31.1	27.7	23.1	28.2	27.0	23.2	24.2	25.2	24.1	24.1	24.8	26.1	26.0	26.1
21	25.5	29.6	27.4	24.9	27.5	26.9	24.5	24.8	25.4	24.8	24.7	25.1	26.5	26.3	26.5
22	25.1	31.8	27.8	24.5	29.1	26.9	24.3	25.1	26.1	24.9	24.9	23.6	26.6	26.6	26.3
23	25.9	32.3	27.9	25.3	29.5	27.2	24.9	25.5	26.3	25.4	25.4	25.0	27.0	27.0	27.0
24	26.5	32.7	27.8	25.8	30.1	27.4	25.5	26.2	26.8	25.9	25.9	25.5	27.4	27.7	27.5
25	26.5	32.8	28.9	25.9	30.2	28.5	25.5	26.2	26.9	26.1	26.0	26.4	27.6	27.6	27.6
26	26.4	32.7	28.9	25.0	30.1	28.7	25.6	26.3	26.9	26.1	26.1	26.4	27.7	27.7	27.1
27	26.2	32.6	29.3	25.9	29.9	28.7	25.7	26.3	27.0	26.3	26.2	26.6	27.9	27.9	27.8
28	26.1	33.2	29.3	25.7	30.3	29.0	25.7	26.3	27.3	26.2	26.2	26.7	28.0	27.9	28.0
29	26.0	33.0	28.4	26.0	30.2	28.3	26.0	26.4	27.1	26.6	26.4	26.8	28.2	28.1	28.1
30	23.8	29.8	26.0	24.1	28.1	26.4	25.0	25.2	25.7	26.1	25.7	25.9	28.1	27.9	27.7
31	22.6	30.0	26.5	23.0	27.4	26.2	24.0	24.3	25.1	25.2	24.9	25.2	27.5	27.3	27.2
Prom.	24.3	30.4	27.0	24.0	28.0	26.5	24.0	24.6	25.3	24.7	24.6	24.9	26.6	26.5	26.4

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	0.7	2.8	3.8	7.2							8946
2					0	0.6	3.5	2.5	6.8	-	-	-	-			8953
3	40.7	43.2	42.2	38.3	2	0.8	1.7	1.9	6.2							8952
4					2	2.6	1.1	0.3	2.1							8946
5	18.8	19.0	18.7	18.0	2	0.7	0.8	1.1	2.5							8946
6	7.7	8.2	7.5	7.3	2	0.6	1.7	1.5	3.5							8967
7					1	0.3	1.4	3.0	5.6	J.22	23.4	21.0	21.3			8979
8					0	1.2	2.0	1.6	4.9							8988
9	0.0	0.0	0.0	0.0	0	1.3	1.5	2.1	4.3							8986
10					0	0.7	1.8	1.5	3.9							8901
11					0	0.6	1.4	1.9	4.0							8909
12					0	0.7	2.1	1.8	4.7	J.23	9.4	10.8	16.1	17.3	13.5	8916
13					0	0.8	2.5	2.5	6.2							8932
14					0	1.2	2.6	2.1	6.6							8941
15					0	1.9	2.8	2.1	6.3							8941
16					0	1.4	2.5	1.9	5.3							8938
17	0.0	0.0	0.0	0.0	0	0.9	2.8	2.6	6.5	J.24	6.6	7.9	13.0			8973
18					0	1.1	2.4	2.8	6.3							8982
19					0	1.1	3.3	2.7	6.6							8984
20					0	0.6	4.0	1.9	7.0							8986
21					0	1.1	2.1	1.9	5.1							8996
22					0	1.1	3.0	3.0	7.3	J.25	3.1	6.6	11.9			8900
23					0	1.3	2.6	2.1	6.4							8027
24					0	1.7	2.4	2.9	6.7							8030
25					0	1.4	2.7	2.8	6.3							8040
26					0	0.8	2.8	2.9	6.8							8050
27					0	1.1	2.9	3.0	6.8	J.26	5.0	4.9	12.0			8055
28					0	0.9	3.6	3.1	8.1							8060
29					0	1.4	3.8	5.4	11.8							8073
30					0	2.6	2.6	2.6	6.4							8093
31					0	1.2	3.8	3.9	9.9							8003
Prom.	67.2	70.4	68.4	63.6	-	1.2	2.5	2.4	6.1	-	-	-	-	-	-	8690

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
25.9	26.0	25.8	23.3	23.3	23.3	20.3	18.5	16.0	r. m., Ds.Js. m., Cn. m. t. y n.
26.3	26.4	26.3	23.4	23.4	23.4	20.3	18.6	19.3	Ca. m. y t., Cn. n., r. m., R. n., LL.Z. n.
26.5	26.5	26.3	23.5	23.6	23.6	20.5	18.6	18.1	Cn. m. y t.
26.3	26.1	25.9	23.7	23.7	23.7	20.4	18.6	15.8	Cn. m. t. y n., LL.Z. t., P. t.
25.4	25.3	24.9	23.7	23.7	23.7	20.5	18.7	15.6	Cn. m. t. y n., Z. m., LL. n.
24.7	24.8	24.6	23.6	23.6	23.6	20.5	18.6	10.4	Ca. m. t. y n.
24.7	24.8	24.6	23.5	23.5	23.5	20.5	18.7	8.5	Ca. m. t. y n., r. m. t. y n.
24.5	24.9	24.7	23.4	23.4	23.4	20.6	18.7	10.6	Cn. m. t. y n., r. m., Z. t.
25.0	25.0	24.9	23.4	23.4	23.4	20.5	18.8	15.9	Cn. m. t. y n., r. m., R.CH. n.
25.4	25.5	25.4	23.4	23.4	23.4	20.7	18.9	13.5	Ca. m. y n., Cn. t., r. m. y n.
25.7	25.9	25.7	23.5	23.5	23.5	20.8	18.9	15.2	Ca. m. t. y n., Ne. m., B. t., r.Dl. n.
25.9	26.1	25.8	23.6	23.7	23.7	20.8	19.0	11.0	Ca. m. t. y n., r. m. y n., B. t.
26.1	26.3	26.2	23.7	23.8	23.8	20.8	19.0	14.4	Ca. m. t. y n., r. m.
26.4	26.5	26.4	23.8	23.7	23.9	21.0	19.1	14.5	Cn. m. t. y n., r. m., Js. t., B. t.
26.6	26.7	26.6	23.9	24.0	24.0	21.0	19.1	15.7	Cn. m. y t., Ca. n., B. t.
26.7	26.7	26.6	24.0	24.1	24.1	21.0	19.2	14.1	Ca. m. t. y n., r. m. y n., B. t., CH. t.
26.6	26.7	26.4	24.1	24.4	24.5	21.1	19.2	6.0	Ca. m. t. y n., r. m. y n.
26.3	26.3	26.0	24.1	24.3	24.1	21.0	19.2	2.5	Ca. m. t. y n., r. m., Ne. m.
26.0	26.0	25.8	24.0	24.1	24.1	21.2	19.3	9.3	Ca. m. y n., Cn. t., r. m., B. t.
26.0	26.1	25.8	23.9	24.1	24.1	21.2	19.3	9.4	Ca. m. y t., Cn. n., r. m., B. t.
26.3	26.4	26.2	24.2	24.1	24.1	21.3	19.3	17.9	Cn. m. t. y n., Ds. m., r. n.
26.3	26.4	26.4	24.2	24.4	24.4	21.3	19.4	15.0	Ca. m. y n., Cn. t., r. m., Js. t., B.t., r. n.
26.6	26.7	26.7	24.5	24.6	24.6	21.4	19.4	18.4	Ca. m., Cn. t. y n., Js. t., B. t.
26.9	27.1	27.1	24.6	24.6	24.6	21.3	19.4	19.5	Ca. m. t. y n., B. t.
27.3	27.3	27.1	24.8	24.9	24.9	21.5	19.4	17.1	Ca. m., Cn. t. y n., B. t., Js. t.
27.3	27.4	27.3	25.1	25.1	24.9	21.5	19.5	15.4	Ca. m. t. y n., r.B. m., B. t.
27.4	27.5	27.4	24.8	24.9	24.7	21.5	19.6	15.6	Ca. m. t. y n., r. n., B. t.
27.6	27.7	27.5	24.9	24.7	24.8	21.5	19.6	15.1	Ca. m., Cn. t. y n.
27.8	27.8	27.6	24.8	24.9	24.9	21.6	19.6	12.5	Ca. m. t. y n., r. m.
27.7	27.7	27.3	24.8	24.9	24.9	21.5	19.5	7.0	Ca. m. t. y n.
27.3	27.3	27.0	24.6	24.8	24.6	21.7	19.6	8.3	Ca. m. t. y n., B. t.
26.3	26.4	26.2	24.0	24.1	24.1	21.0	19.1	13.5	

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	55.5	61.6	7	8	47.9	2	16-17	22.2	27.9	16.7	34.2	1	13-15	11.9	6	5-6	9.2	14.2	65
2ª	57.4	63.3	18	8	48.1	16	12	22.2	29.2	14.7	33.1	16	12	8.2	18	5,6	11.6	14.0	82
3ª	55.9	61.4	30	11	48.6	28	17	24.8	32.0	18.2	35.9	29	14-15	11.1	30	6	11.1	13.8	80
MES	56.2	63.3	18	8	47.9	2	16-17	23.1	29.8	16.6	35.9	29	14-15	8.2	18	5,6	10.6	14.0	76

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	72	99	7	30	7	13.8	22.5	7.6	E	10	40	2	37	2	13-14	55	SW	2	21.26	70.4	43.2	3	8.5	5	14-15
2ª	66	100	12,18-20	27	14	12.6	18.5	5.0	NE	10	28	15	23	16	16-17	37	NE	16	15.12	-	-	-	-	-	-
3ª	61	100	21-22,28	5	15-16	13.1	20.0	3.7	E	9	32	29	24	29, 31	15-16 13-14	37	NW	29	15.20	-	-	-	-	-	-
MES	66	100	12,18-22,28	5	15-16	13.1	22.5	3.7	NE	10	40	2	37	2	13-14	55	SW	2	21.26	70.4	43.2	3	8.5	5	14-15

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	3	-	1	-	-	-	1	-	2
2ª	7	7	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-
3ª	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MES	16	14	2	-	-	-	-	3	3	-	2	-	-	-	1	-	2

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	-	1	-	5	5	-	7	-
2ª	9	-	-	-	-	-	1	1	-	-	-	9	1	-	8	-
3ª	4	-	-	-	-	1	-	3	-	-	-	8	3	-	9	1
MES	19	-	-	-	-	2	1	5	-	1	-	22	9	-	24	1

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV FEBRERO 1949 N.° 2

RESUMEN MENSUAL

Las condiciones estivales típicas del 1° altéranse ya el 2 con la llegada de un frente frío; lluvias y brusco descenso de la temperatura (6.0° C en una hora) lo acompañan; restablécese sin embargo pronto la normalidad; ésta se mantiene hasta el 7, en cuya noche una corriente de origen polar que avanza hacia el Río de la Plata provoca chaparrones y un marcado descenso de la temperatura. En la madrugada del 8 regístrase la mínima mensual con 6.1° C, y aunque en los dos días siguientes los importes termométricos acusen contínuo ascenso, sin embargo sus valores se mantienen por debajo de la normal.

Lluvias intermitentes epilogan el 13 la inestabilidad de los primeros días del segundo decámeron. A partir del mediodía del 14 mejora el tiempo soplando el viento S. Mucha nubosidad, prevalencia del E, aire húmedo y tiempo inestable caracterizan los cuatro días subsiguientes, después de los cuales un nuevo frente frío que pasando por el Observatorio descarga fuertes chaparrones restablece el buen tiempo; con temperatura en rápido ascenso termina la década.

El 21, el viento gira al sector N; la temperatura siempre en aumento alcanza el 22 su valor máximo mensual con 34.5° C. La corriente del N se acentúa; en consecuencia también la humedad y la tensión del vapor; ésta y la presión alcanzan el 25 sus valores mensuales máximo y mínimo respectivamente, circunstancias que son alteradas favorablemente en la madrugada del 26 con la llegada de aire fresco y ligeras lluvias. Con temperaturas 5.0° C por debajo del nivel normal y con la máxima mensual de la presión (766.5 mm) el día 28, termina el tercer período.

El promedio mensual de la temperatura conserva su valor normal;y mientras la presión y tensión lo rebasan en 1 mm, la humedad relativa sufre una desviación positiva de un 5%.

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	94	28	32	38	-	-	36	-62	-89	-56	-32	-22	-25	-33	-35
2	52	64	56	60	54	48	44	14	-33	-35	- 5	9	-	50	5
3	-	-	-	-	40	48	103	50	80	71	56	52	54	40	-
4	46	44	46	48	48	58	80	12	-48	-54	9	26	38	44	42
5	-	-	-	-	-	-	22	32	42	32	7	22	9	22	5
6	46	2	5	9	18	14	9	9	9	14	∞	∞	∞	-	-
7	28	50	18	48	44	46	56	75	48	52	40	42	36	26	26
8	69	62	62	50	50	46	56	64	75	85	91	64	56	46	48
9	24	38	18	22	22	20	34	75	52	38	38	38	18	-12	6
10	26	48	9	7	5	24	20	18	-	-10	30	32	14	16	24
11	12	18	22	30	26	18	14	20	-	14	9	54	9	12	- 9
12	-	-	-	-	-	-	-	52	28	18	14	40	38	20	38
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	16	16	26	38	34	34	26
15	26	28	32	36	34	34	56	50	50	58	48	36	44	24	32
16	-	-	-	-	-	-	-	-	32	30	32	38	36	46	34
17	12	12	9	14	22	18	30	16	24	30	32	38	34	42	62
18	-	-	-	-	-	-	-	-	36	30	34	36	42	54	62
19	-	-	-	-	-	-	-	-	-	38	30	24	24	20	14
20	-	-	-	-	-	-	-	-	62	73	78	80	80	71	71
21	16	16	18	20	20	20	56	78	60	60	50	50	52	52	50
22	42	38	42	50	52	46	56	80	48	46	46	48	34	22	12
23	-	-	-	-	-	-	-	-	-	56	66	50	50	42	36
24	-	-	-	-	-	-	-	-	38	48	38	42	48	48	75
25	42	42	50	48	46	28	24	30	18	16	18	28	48	-	-
26	-	-	-	-	-	-	-	-	42	80	82	69	56	54	56
27	-	-	-	-	-	-	-	-	30	48	-	-	58	30	-24
28	46	46	34	32	22	34	36	52	80	96	-	36	50	42	-30
29															
30															
31															
Prom.	42.2	46.0	39.5	45.5	44.0	46.0	62.0	50.2	31.2	35.2	47.0	42.0	43.5	35.0	37.0

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	7.18	5.39	12.57	1.34	2.11	2.25	4.36	0.93	0.63	0.70	1.33	0.90	0.37	0.32	0.69	1.16
2	8.47	9.45	17.92	0.91	16.06	15.78	31.84	1.01	1.08	1.23	2.31	0.88	1.48	1.79	3.27	0.83
3	5.02	4.81	9.83	1.05	5.55	5.70	11.25	0.97	0.53	0.60	1.13	0.88	0.69	0.71	1.40	0.97
4	5.26	6.07	11.33	0.86	6.76	7.99	14.75	0.84	0.48	0.75	1.23	0.64	0.98	1.11	2.09	0.88
5	8.47	10.42	18.89	0.82	4.91	6.74	11.65	0.73	1.22	1.29	2.51	0.95	1.05	1.13	2.18	0.93
6	13.85	15.86	29.71	0.87	-	-	-	-	1.13	1.64	2.77	0.69	2.43	2.18	4.61	1.11
7	4.98	9.28	14.26	0.54	6.92	7.72	14.64	0.89	0.45	0.84	1.29	0.54	0.88	0.86	1.74	1.02
8	7.55	7.05	14.60	1.08	8.08	8.27	16.35	0.97	0.90	0.92	1.82	0.98	1.20	1.06	2.26	1.13
9	7.66	8.25	15.91	0.93	4.65	6.62	11.27	0.70	1.12	1.20	2.32	0.93	0.66	0.66	1.32	1.00
10	5.75	6.61	12.36	0.88	4.10	4.88	8.98	0.83	0.94	0.83	1.77	1.13	0.85	0.89	1.74	0.96
11	5.20	6.26	11.46	0.83	3.10	1.38	4.48	2.28	0.73	0.82	1.55	0.89	1.26	1.22	2.48	1.03
12	5.09	4.71	9.80	1.08	3.20	3.45	6.65	0.93	-	-	-	-	0.48	0.53	1.01	0.90
13	-	-	-	-	-	-	-	-	0.86	0.77	1.63	1.12	0.79	1.61	2.40	0.49
14	-	-	-	-	11.97	16.10	28.07	0.74	1.45	1.40	2.85	1.04	1.88	2.30	4.18	0.82
15	9.08	15.73	24.81	0.57	8.29	11.69	19.98	0.71	1.46	1.53	2.99	0.95	1.46	1.46	2.92	1.00
16	8.66	18.34	27.00	0.47	9.92	16.58	26.50	0.60	0.85	0.99	1.84	0.86	1.53	1.58	3.11	0.97
17	6.35	14.18	20.53	0.45	3.53	9.43	12.96	0.38	0.58	0.64	1.22	0.91	0.44	0.48	0.92	0.92
18	8.04	17.32	25.36	0.46	4.62	7.67	12.29	0.61	1.28	1.65	2.93	0.78	0.56	0.63	1.19	0.89
19	10.60	16.50	27.10	0.64	6.96	10.16	17.12	0.62	1.16	1.47	2.63	0.79	1.04	1.04	2.08	1.00
20	4.47	6.06	10.53	0.74	4.43	3.29	7.72	1.34	0.60	0.72	1.32	0.83	0.67	0.45	1.12	1.49
21	10.26	11.83	22.09	0.87	7.48	7.21	14.69	1.04	1.59	1.45	3.04	1.10	1.40	1.30	2.70	1.08
22	8.67	10.32	18.99	0.84	8.74	10.90	19.64	0.87	1.56	1.49	3.05	1.05	1.46	1.69	3.15	0.86
23	3.61	6.02	9.63	0.60	10.16	10.52	20.68	0.97	0.59	0.70	1.29	0.84	1.32	1.39	2.71	0.95
24	11.88	12.27	24.15	0.98	15.06	14.62	29.68	1.04	1.67	1.62	3.29	1.03	1.43	1.53	2.96	0.93
25	9.27	9.49	18.76	0.98	-	-	-	-	1.52	1.36	2.88	1.12	0.88	0.42	1.30	2.10
26	7.32	8.11	15.43	0.90	6.36	6.63	12.99	0.95	1.08	1.34	2.42	0.80	0.86	0.71	1.57	1.21
27	3.64	7.84	11.48	0.46	6.10	9.64	15.74	0.64	0.78	0.73	1.51	1.07	0.98	0.92	1.90	1.06
28	3.86	3.31	7.17	1.16	4.69	4.45	9.14	1.07	0.36	0.41	0.77	0.88	0.61	0.55	1.16	1.11
29																
30																
31																
Prom.	0.73	0.97	1.70	0.82	0.70	0.84	1.53	0.91	9.85	10.77	20.62	0.91	1.05	1.09	2.14	1.05

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
-41	-61	-33	-10	- 4	- 7	-10	20	44		206	-∞	-	2*
-	-	-	-	-	-	-	-	-		126	-187	313	3*
30	26	22	24	28	34	26	38	36		201	+ 9	192	3*
42	34	28	38	78	60	62	60	46	37.0	∞	-108	-	1
-12	14	32	42	46	42	40	58	56		94	-126	220	2*
-	-	-	-	-	21	- 9	16	30		∞	-∞	-	3*
30	22	34	36	46	54	58	56	62	43.0	105	-10	115	1
50	46	48	38	34	38	41	30	22	53.0	126	-158	284	1
-16	-24	-12	4	16	18	16	22	36		130	-118	248	2
22	16	18	-	- 2	-12	20	18	22		89	-89	178	2*
- 7	- 7	-	-	-	-	-	-	-		75	-39	114	2*
24	28	28	-	-	-	-	-	-		96	-39	135	2*
-	-	-	-	-	-	-	-	-		-	-	-	-
32	32	40	40	32	30	36	32	28		54	- 7	61	1*
28	32	32	42	62	50	40	22	18	38.1	87	-52	139	1
24	26	30	24	20	16	14	9	9		114	-37	151	2*
56	46	18	-	-	-	-	-	-		133	-20	153	2*
58	50	34	-	-	-	-	-	-		112	-22	134	1*
26	26	26	-	-	-	-	-	-		∞	-∞	-	3*
80	73	69	50	75	98	112	52	24		256	+ 5	251	0*
36	48	46	-	-	-	18	36	56		146	-20	166	1*
12	12	36	42	62	54	73	58	28		149	-159	308	2
42	38	32	-	-	-	-	-	-		+∞	-∞	-	3*
62	56	56	98	98	58	58	71	48		153	+10	143	0*
-	-	-	-	-	-	-	-	-		∞	∞	-	3*
60	-	48	-	44	44	44	46	46		107	+20	87	0*
-	-	-	36	85	22	40	56	48		∞	∞	-	3*
-18	40	114	-	56	58	42	42	32		199	-106	305	2*
37.5	33.5	35.5	38.5	55.0	50.5	50.2	42.0	37.0	42.8				

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^-
-118	-35	-30	-1.55	-0.69	368	513	881	0.71	-	0.72
9	42	-	3.23	-	624	614	1238	1.02	0.87	0.78
75	58	22	2.18	1.03	735	853	1588	0.86	-	0.86
14	16	34	0.66	2.36	1136	1039	2175	1.09	1.28	-
9	22	22	1.84	1.60	675	681	1356	0.99	-	0.27
-	-	-	-	-	1251	920	2171	1.36	1.18	-
34	40	28	1.72	1.62	859	907	1766	0.95	0.93	0.60
91	71	44	4.31	3.31	907	855	1762	1.06	0.59	-
28	40	-18	3.09	-0.79	1039	853	1892	1.22	0.94	0.86
12	46	32	2.71	1.86	681	859	1540	0.79	0.81	1.15
7	30	-	1.55	-	1161	849	2010	1.37	1.18	0.85
14	32	42	-	1.41	509	855	1364	0.60	-	0.92
-	-	-	-	-	859	964	1823	0.89	-	1.70
36	36	38	3.42	5.29	454	981	1435	0.46	-	-
42	34	28	3.39	2.72	964	1136	2100	0.85	-	0.80
36	36	26	2.21	2.70	859	737	1596	1.16	-	-
34	48	14	1.95	0.43	681	1100	1781	0.62	0.89	1.07
34	40	42	3.91	1.67	859	1136	1995	0.76	-	1.60
30	20	26	1.75	1.80	1136	1104	2240	1.03	0.47	-
85	85	69	3.74	2.58	796	513	1309	1.55	0.24	-
50	54	60	5.47	5.40	907	1530	2437	0.59	1.80	1.28*
38	50	34	5.08	3.57	798	964	1762	0.83	0.99	0.94
62	50	30	2.15	2.71	849	1224	2073	0.69	1.28	0.64
36	42	44	4.61	4.34	855	964	1819	0.89	-	1.50
16	26	-	2.50	-	796	855	1651	0.93	1.16	0.45
85	71	46	5.73	2.41	1224	1092	2316	1.12	0.48	0.33
-	-	-	-	-	849	981	1830	0.86	-	0.41
-	24	69	0.62	2.67	368	566	934	0.65	-	0.30
32	39	32	2.82	2.34	828	916	1744	0.92	0.94	0.86

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	56.1	56.0	55.7	55.4	55.4	55.4	55.6	55.6	55.4	55.1	54.8	53.9	53.4	52.8	52.0
2	50.7	50.5	50.4	50.4	50.5	50.9	51.4	51.4	51.5	51.6	51.2	51.4	51.6	51.2	51.0
3	53.0	52.6	52.5	52.1	52.8	53.1	53.1	53.6	53.7	53.6	53.4	53.4	53.0	52.6	52.5
4	54.7	54.9	54.9	55.1	55.5	56.1	57.0	57.9	58.3	58.8	59.1	59.2	59.3	59.0	58.8
5	59.0	59.0	58.9	58.7	58.6	58.8	58.9	59.0	58.4	58.2	57.9	57.0	56.1	55.3	54.1
6	50.9	50.6	50.2	49.9	50.1	50.1	49.9	48.9	48.4	47.7	47.7	48.9	48.9	48.8	48.6
7	52.7	53.6	54.4	55.3	56.6	57.7	57.5	59.0	59.3	59.6	60.1	60.3	60.4	60.4	60.5
8	61.8	61.9	62.0	61.8	62.1	62.4	62.7	63.2	63.1	63.0	62.9	62.5	62.0	61.4	60.9
9	60.2	60.1	60.0	59.9	60.0	60.2	60.3	60.4	60.1	60.0	59.4	58.9	58.3	57.4	56.5
10	56.0	55.7	55.4	55.7	56.1	56.0	56.5	56.6	56.5	56.6	56.3	56.5	55.7	55.5	55.1
11	57.4	57.7	57.9	58.4	59.1	59.6	60.3	60.8	60.8	61.2	61.2	61.3	61.3	61.0	60.8
12	63.2	63.3	63.1	63.2	63.4	63.7	64.0	64.2	64.2	64.1	63.7	63.4	62.7	62.0	61.5
13	59.7	59.2	58.7	58.6	58.5	58.8	59.1	59.2	58.9	59.1	59.2	58.7	58.5	57.9	57.5
14	56.6	56.3	56.1	56.1	56.2	56.0	56.8	56.8	57.0	57.1	57.1	57.1	56.8	56.4	55.6
15	57.3	57.2	57.2	57.1	57.3	57.6	57.7	57.8	57.7	57.7	57.3	57.1	56.9	56.6	56.6
16	57.5	57.4	57.5	57.4	57.7	58.1	59.7	59.0	59.0	58.9	59.0	58.9	58.8	58.7	58.4
17	58.5	58.2	58.3	58.4	58.7	59.1	59.2	59.6	59.6	59.6	59.5	59.5	59.3	58.8	58.5
18	57.9	57.9	58.0	58.0	58.0	58.3	58.3	58.4	58.1	57.8	57.3	56.6	55.9	55.2	54.6
19	53.5	53.5	53.2	53.1	53.0	53.6	53.9	54.6	54.4	54.6	54.1	53.5	53.4	52.9	52.1
20	54.7	55.0	54.9	54.9	54.9	55.3	55.3	55.9	55.7	55.7	55.6	55.1	54.8	54.2	53.4
21	52.5	52.0	51.8	51.7	51.7	51.7	51.9	52.4	52.4	52.2	51.9	51.4	51.0	50.4	49.8
22	50.6	50.6	50.2	50.2	50.5	51.2	51.5	51.7	51.9	52.1	51.8	51.3	50.6	50.1	49.8
23	53.2	50.9	50.2	50.4	52.5	53.9	50.5	50.6	50.6	52.3	52.4	53.0	52.6	52.1	51.7
24	52.9	52.6	52.4	52.3	52.5	52.9	53.0	53.3	53.4	53.3	53.2	53.0	52.9	52.2	51.9
25	51.5	50.9	50.4	50.2	49.9	49.7	51.3	51.5	51.8	51.5	51.0	50.5	49.5	49.2	48.7
26	48.0	49.0	50.0	50.4	52.0	53.7	53.6	55.3	54.7	54.3	54.3	54.9	55.9	55.9	55.3
27	58.7	58.3	59.3	59.6	60.3	61.1	61.4	62.0	62.3	62.4	62.5	62.3	62.5	62.6	62.7
28	65.7	65.7	65.9	65.8	65.8	66.0	66.5	66.4	66.2	66.1	65.7	65.3	64.9	64.2	63.8
29															
30															
31															
Prom	55.9	55.7	55.7	55.7	56.1	56.5	56.7	57.0	56.9	56.9	56.8	56.6	56.3	55.9	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	15.9	15.9	15.1	15.2	15.1	15.8	19.2	22.1	24.7	26.3	28.3	30.4	31.6	32.7	33.0
2	22.4	22.2	21.4	21.0	20.3	19.4	21.3	26.7	28.8	31.3	31.7	31.3	30.1	28.8	22.9
3	19.5	18.5	18.2	18.3	18.4	18.7	18.8	20.6	22.5	22.8	24.8	26.0	27.4	28.9	29.6
4	17.8	18.0	17.3	16.5	16.6	16.8	19.4	22.0	21.2	24.0	25.8	26.8	27.9	28.9	29.7
5	17.4	17.5	17.3	16.8	16.8	16.7	17.7	20.6	22.8	25.9	27.8	29.1	30.7	31.4	31.8
6	21.6	20.5	20.3	20.7	21.2	22.1	22.7	26.1	27.2	28.2	28.1	22.5	24.0	23.6	22.5
7	17.3	14.7	12.2	11.9	11.2	10.5	11.3	13.6	14.8	16.0	16.8	17.0	18.3	19.1	18.8
8	9.9	9.1	8.7	7.5	6.5	6.2	10.1	14.5	17.4	19.6	21.2	22.3	23.2	23.5	24.0
9	12.3	11.2	11.1	11.0	11.0	10.1	13.4	18.1	20.8	22.5	23.5	24.3	25.0	25.5	25.7
10	16.0	14.7	15.0	14.3	14.3	13.9	15.6	19.6	22.9	22.5	23.7	25.1	27.9	28.4	28.8
11	19.3	19.2	18.4	17.4	16.9	16.4	16.7	19.0	20.6	22.3	24.1	24.5	24.7	25.1	24.8
12	17.4	16.0	15.0	14.2	14.2	14.2	14.9	19.7	21.1	22.1	23.2	24.1	25.3	26.6	27.0
13	19.7	19.8	20.4	20.7	20.7	20.9	21.1	21.5	22.3	22.5	22.5	22.9	23.1	22.2	21.8
14	19.8	19.3	19.4	19.4	19.5	19.6	19.4	19.4	19.7	20.4	22.1	23.7	23.9	25.3	27.5
15	18.2	18.2	18.4	18.0	17.6	17.2	17.7	19.4	21.6	23.2	25.6	26.0	26.6	27.6	26.9
16	18.7	18.8	18.8	18.3	18.2	19.3	18.7	19.8	21.3	23.9	25.5	25.6	25.5	26.9	26.0
17	20.0	20.2	20.2	20.5	20.6	20.7	21.2	23.1	23.6	24.0	24.9	25.8	25.7	27.3	27.1
18	20.5	20.0	20.0	20.1	20.3	20.3	20.4	22.0	23.2	23.8	24.8	25.6	27.1	28.1	28.3
19	22.1	22.0	21.2	20.4	19.9	20.1	20.5	19.1	19.4	21.0	22.7	25.6	27.6	27.7	28.1
20	19.4	19.1	18.4	17.1	16.4	16.1	16.6	20.0	21.4	23.3	25.1	26.1	27.6	28.3	28.6
21	16.4	15.9	15.8	15.9	15.9	16.0	18.6	22.2	25.5	28.3	30.2	31.5	32.6	33.5	33.5
22	21.9	21.7	21.5	21.4	21.0	20.2	21.9	25.8	28.3	30.6	32.3	33.5	34.3	34.4	34.0
23	25.1	21.3	21.2	20.4	19.9	21.1	19.8	22.4	23.0	24.8	27.7	30.1	31.8	32.9	32.0
24	21.5	21.1	20.3	19.6	19.5	20.0	21.6	25.3	28.2	30.4	32.0	32.5	33.2	33.6	32.8
25	25.0	24.9	24.0	23.2	22.8	22.5	23.1	24.9	26.5	28.3	28.4	30.3	32.2	30.4	28.5
26	23.8	24.2	23.8	22.4	18.1	15.8	16.0	16.4	16.6	17.6	20.5	21.7	21.9	22.6	23.2
27	14.0	13.8	14.1	14.3	14.4	14.5	14.6	15.0	15.4	16.7	18.0	19.2	21.4	22.7	23.7
28	15.0	14.8	15.0	15.1	14.2	13.5	12.8	17.0	20.3	22.1	22.5	22.4	22.5	22.8	22.3
29															
30															
31															
Prom	18.8	18.3	17.9	17.6	17.2	17.1	18.0	20.6	22.2	23.7	25.1	25.9	26.9	27.5	27.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
51.3	50.9	51.0	51.1	51.0	51.2	51.4	51.3	51.1	55.6	7,8	51.0	18,20	4.6	753.4 mm.	1004.5 mb.
51.1	50.9	50.2	50.3	52.0	53.0	52.6	52.9	53.2	53.4	20-21	49.3	18-19	4.1	51.3	1001.7
52.1	52.0	52.2	52.9	53.3	53.9	54.1	54.1	54.5	54.5	24	51.3	3-4	3.2	53.1	1004.1
58.5	58.2	58.3	58.6	58.8	59.4	59.6	59.7	59.4	59.7	23	54.7	0	5.0	57.9	1010.5
53.3	52.8	52.3	52.1	52.0	51.8	51.3	51.2	51.2	59.4	7-8	51.2	11,12	8.2	55.7	1007.6
48.2	49.1	49.2	50.0	49.8	50.1	51.1	51.2	52.0	52.7	24	47.7	10,11	5.0	49.6	999.4
60.4	60.4	60.5	60.8	61.2	61.7	61.7	61.7	61.6	61.7	21,22,23	52.7	1	9.0	59.0	1012.0
60.4	60.2	60.0	59.9	60.3	60.4	60.5	60.4	60.4	63.2	8	59.9	19	3.3	61.5	1015.3
56.1	55.5	55.5	55.6	56.0	56.1	56.3	56.4	56.1	60.4	8	55.4	18-19	5.0	58.1	1010.8
54.6	54.5	54.6	54.9	55.0	55.6	56.0	56.3	57.2	57.2	24	55.4	3	1.8	55.8	1007.7
61.0	61.1	61.5	61.8	62.4	62.7	63.0	63.0	63.2	63.2	24	57.2	0	6.0	60.8	1014.4
61.0	60.8	60.8	60.9	60.9	61.0	61.0	60.6	60.2	64.5	7-8	60.2	24	4.3	62.4	1016.5
57.1	57.1	57.5	57.5	57.4	57.4	57.4	57.2	57.0	59.7	1	57.0	24	2.7	58.2	1010.9
55.6	55.4	55.6	56.1	56.8	57.2	57.3	57.3	57.3	57.3	22,23,24	55.4	17	1.9	56.5	1008.6
56.5	56.5	56.7	57.0	57.1	57.5	58.0	58.0	57.8	57.8	8	56.5	16,17	1.3	57.2	1009.6
58.4	58.3	58.3	58.6	58.8	58.9	58.9	58.8	58.7	59.7	7	57.4	2,4	2.3	58.5	1011.3
58.4	58.2	58.1	58.1	58.0	58.4	58.4	58.1	58.0	59.6	8	58.0	20,24	1.6	58.7	1011.6
54.0	53.9	53.9	53.8	54.2	54.3	54.3	54.2	53.9	58.4	8	53.8	19	4.6	56.1	1008.1
52.2	52.2	52.3	52.4	53.2	53.7	53.8	54.0	54.4	54.7	7-8	50.9	15-16	3.8	53.4	1004.5
52.8	52.7	52.8	52.9	52.9	53.2	53.2	52.9	52.7	55.9	8	52.7	17,24	3.2	54.2	1005.6
49.6	49.6	49.6	49.8	50.1	50.3	50.4	50.6	50.7	52.7	0	49.6	16,17,18	3.1	51.1	1001.4
49.3	49.2	49.3	49.0	49.4	49.7	50.1	50.2	50.4	52.2	9-10	49.2	17	3.0	50.4	1000.5
51.6	51.4	51.4	52.1	52.5	53.0	53.2	53.3	53.2	54.3	6-7	50.1	3-4	4.2	52.0	1002.6
51.6	51.4	51.2	51.3	51.8	51.8	51.7	51.6	51.5	53.4	10	51.0	18-19	2.4	52.3	1003.0
48.7	49.6	50.1	47.9	47.6	50.0	49.7	48.3	48.0	51.8	8-9	47.6	20	4.2	49.9	999.8
55.4	55.5	55.6	56.1	56.8	57.6	58.2	58.4	57.6	57.6	24	48.0	1	9.6	54.5	1006.0
62.3	62.5	61.8	63.4	63.5	64.5	63.9	65.6	65.6	65.6	23,24	58.3	2	7.3	62.1	1016.1
63.5	63.4	63.5	63.6	63.8	63.9	64.0	64.1	64.1	66.5	7	63.4	17	3.1	64.9	1019.8
55.2	55.1	55.1	55.3	55.6	56.0	56.1	56.1	56.1	58.0		53.8		4.2	56.0	1008.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
33.3	32.4	30.8	27.5	24.9	23.9	23.1	22.9	22.0	33.6	15-16	15.1	5	18.5	24.2
22.7	21.4	21.1	20.9	20.7	19.5	19.0	19.2	19.5	32.1	10-11	19.0	22	13.1	23.5
29.8	30.1	29.3	25.8	22.8	20.4	19.1	18.5	18.1	30.3	16-17	18.1	24	12.2	22.8
29.8	29.1	28.8	23.6	20.5	18.4	18.4	17.5	17.3	29.8	16	16.5	4	13.3	22.2
31.3	31.2	28.9	26.5	24.5	22.9	22.1	21.7	21.7	32.0	16-17	16.7	6	15.3	23.8
20.8	19.9	19.6	19.5	19.3	19.3	19.2	18.7	18.1	28.2	10	20.3	3	7.9	21.9
19.2	18.2	17.7	16.7	14.7	13.1	11.5	10.7	10.2	19.2	16	10.2	24	9.0	14.8
24.1	24.2	23.1	20.3	15.6	14.1	14.1	13.6	12.6	24.3	16-17	6.1	5-6	18.2	16.0
25.6	25.0	23.6	20.9	19.6	18.3	17.3	16.4	16.8	25.7	15	10.1	6	15.6	18.7
28.7	29.1	26.8	24.4	22.5	21.8	20.8	20.2	20.0	29.1	17	14.3	5	14.8	21.5
23.2	22.2	21.4	20.0	18.8	18.4	18.2	18.1	17.6	25.6	13-14	16.4	6	9.2	20.3
26.9	25.9	24.2	21.7	20.5	20.2	20.3	20.2	20.2	27.3	14-15	14.2	4-6	13.1	20.6
21.8	21.4	21.0	20.7	20.3	20.0	19.9	19.9	19.7	23.1	13	19.7	1,24	3.4	21.1
26.7	26.4	25.2	23.2	21.4	20.9	20.0	19.2	18.5	27.6	16-17	19.4	7,8	8.2	21.7
27.3	26.0	25.5	23.4	21.2	20.3	19.4	18.7	18.8	27.3	16	17.2	6	10.1	21.8
25.0	24.3	23.4	22.3	21.4	21.2	20.8	20.0	19.9	26.9	14	18.2	5	8.7	21.8
26.5	25.1	24.0	22.3	21.6	21.4	21.2	21.2	21.1	27.4	14-15	19.9	0	7.5	22.9
28.0	27.1	25.4	23.5	22.4	22.0	22.1	22.1	22.2	28.5	15-16	19.9	2-3	8.6	23.3
29.1	28.8	27.4	25.4	22.8	21.5	21.3	20.7	20.2	28.8	17	19.1	8	9.7	23.1
29.0	28.6	24.2	21.7	19.5	18.4	17.3	16.8	16.8	29.0	16	16.1	6	12.9	21.5
33.5	33.0	31.2	28.1	26.2	25.6	24.5	23.5	22.5	33.5	14,16	15.5	5-6	18.0	25.0
33.5	32.9	31.0	28.4	27.0	25.8	24.7	24.6	24.5	34.5	13-14	20.2	6	14.3	27.3
33.1	32.2	30.7	26.6	24.1	22.6	21.6	20.9	21.3	33.8	14-15	19.8	7	14.0	25.3
32.5	32.3	29.7	28.0	26.2	25.7	25.1	24.4	24.5	33.6	14	19.2	4-5	14.4	26.7
27.8	27.1	25.7	24.6	23.7	23.2	21.7	21.8	22.7	32.2	13	21.4	22-23	10.8	25.6
23.6	23.9	22.8	20.7	18.3	17.2	16.3	15.4	14.6	24.1	16-17	14.6	24	9.5	19.9
23.0	21.1	19.9	19.2	19.0	18.5	17.6	17.3	16.3	23.9	15-16	14.1	3	9.8	17.6
21.4	20.7	18.9	17.4	16.2	15.4	14.9	14.3	13.4	22.8	14	12.8	7	10.0	17.7
27.0	26.4	25.0	23.0	21.3	20.4	19.7	19.2	19.0	28.4		16.6		11.8	21.9

HUMEDAD RELATIVA en %

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

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	8.5	8.5	9.0	9.0	8.5	7.7	7.6	8.0	9.0	10.5	11.0	13.0	12.0
2	11.5	11.5	10.5	10.5	10.0	9.5	10.5	9.6	9.5	11.0	11.0	11.0	12.0	12.7	14.0
3	15.5	15.5	15.0	14.5	14.5	15.5	15.5	15.2	14.5	15.0	14.5	15.5	15.5	13.2	13.0
4	14.0	13.0	13.5	12.5	12.0	11.5	12.0	7.6	6.0	7.2	8.0	7.2	6.2	6.6	7.0
5	12.5	12.0	12.0	11.5	11.5	11.0	11.5	11.8	11.5	11.5	11.5	11.0	10.5	12.1	13.0
6	13.0	13.5	13.5	15.0	15.5	15.0	14.5	17.3	18.0	17.5	19.0	18.5	19.0	18.0	18.5
7	11.0	10.0	9.0	7.4	7.6	7.8	7.2	7.7	7.2	6.4	6.0	6.0	5.8	6.3	6.0
8	7.4	7.0	7.6	7.0	7.0	6.8	8.5	7.9	7.0	6.2	5.2	5.4	5.8	6.1	6.0
9	8.0	8.0	8.0	8.0	8.0	8.0	9.0	9.5	7.8	6.6	7.0	7.4	6.4	7.2	6.8
10	9.0	9.0	9.0	8.5	9.0	9.0	9.5	10.2	9.5	9.5	10.0	10.0	10.5	10.0	9.5
11	13.5	13.5	13.5	12.5	13.0	12.5	13.0	12.6	12.0	12.5	11.5	12.0	12.0	14.6	14.5
12	12.0	12.5	11.5	11.5	11.5	11.5	11.5	11.1	10.5	9.0	10.0	9.5	10.0	10.9	11.0
13	14.5	15.0	14.5	15.0	15.0	15.0	15.0	15.9	15.5	15.5	16.0	15.0	15.0	16.7	17.0
14	16.5	16.0	16.0	16.0	16.0	16.5	16.0	15.5	14.5	14.5	14.0	14.5	13.5	13.6	11.5
15	15.0	15.0	14.5	14.0	14.5	14.0	14.5	15.1	14.5	14.0	14.0	13.0	12.0	14.8	12.5
16	14.0	14.5	15.5	15.0	15.0	16.0	15.5	16.0	16.5	14.5	15.0	15.0	15.0	15.8	14.0
17	17.0	16.0	16.0	15.5	15.5	15.5	15.5	16.3	15.5	16.0	15.5	15.5	15.0	16.2	15.0
18	13.5	14.0	14.0	14.0	14.5	15.5	14.5	15.2	14.0	14.5	14.5	15.0	15.0	14.3	15.0
19	14.0	14.0	14.5	14.5	15.0	14.0	16.5	16.0	15.5	14.0	14.5	14.0	14.0	16.2	16.0
20	14.5	16.0	14.5	13.0	12.5	12.5	13.0	12.6	12.5	12.0	8.5	7.0	6.2	6.2	5.2
21	12.5	12.0	12.0	11.5	12.0	12.5	13.5	15.5	15.0	15.0	15.0	14.5	13.5	13.1	10.5
22	15.0	15.0	14.5	13.5	14.0	14.5	14.0	15.5	16.5	17.0	17.0	14.5	13.0	12.4	11.0
23	14.5	15.5	13.5	15.5	16.0	14.0	15.0	12.9	12.0	12.0	11.5	12.0	13.0	13.2	12.0
24	16.5	16.0	16.0	16.5	16.0	15.0	13.5	15.3	15.0	13.5	13.0	13.5	13.5	13.2	12.0
25	14.5	14.5	16.0	16.0	17.0	17.5	17.0	17.7	17.0	16.5	16.5	16.5	17.0	18.2	21.0
26	15.5	16.0	17.0	18.5	12.5	9.5	9.0	9.5	10.0	10.5	11.0	9.0	10.0	10.1	10.0
27	8.5	9.5	9.5	10.0	10.0	9.5	9.0	8.9	8.5	8.5	7.2	7.0	7.0	7.2	7.0
28	9.5	9.5	9.5	9.5	9.5	10.5	10.0	9.8	8.0	7.4	7.6	8.5	8.5	8.5	7.4
29															
30															
31															
Prom.	12.9	13.0	12.8	12.7	12.6	12.5	12.2	12.7	12.2	12.0	11.5	11.7	11.6	12.2	11.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
31	32	39	57	63	64	63	60	65	76	5-6	31	16	45	51
72	83	91	90	89	98	97	96	93	98	21	29	10-11	69	64
40	34	36	52	56	77	82	86	92	98	3	30	17-18	68	72
19	18	22	57	72	86	86	95	95	97	23-24	18	17-18	79	58
27	26	40	46	61	68	69	68	67	95	0	25	16-17	70	58
100	100	100	100	99	99	99	97	97	100	17	64	10	36	85
36	37	41	44	57	73	83	88	90	97	0	34	16-17	63	62
28	29	31	46	62	67	67	69	77	97	6	26	14-15	71	58
29	30	32	43	60	67	71	77	67	87	6	28	15	59	55
36	32	41	53	67	71	73	74	75	79	6	32	17	47	58
67	69	69	76	82	83	81	78	81	98	6	49	13-14	49	75
44	47	53	67	77	81	86	88	88	98	5	41	13-14	57	70
87	89	95	97	96	96	97	96	97	97	19	72	13	25	86
52	52	57	65	80	85	89	94	96	99	3	43	15	56	80
44	45	45	52	60	70	64	84	86	100	1	43	16-17	57	72
63	65	66	70	76	80	88	94	96	100	4-5	58	14-15	42	80
62	67	73	81	86	88	88	88	79	96	1	58	14-15	38	78
54	57	64	72	77	81	83	87	80	87	23	49	14-15	38	72
54	56	60	70	88	94	96	98	93	97	8	54	16	43	77
15	35	48	61	74	83	88	92	93	93	24	15	16	78	65
29	31	37	57	66	66	73	74	76	94	0-1	26	15-16	68	64
26	26	32	40	43	50	58	83	81	93	6	30	17	63	55
31	39	44	62	77	80	90	94	90	94	5-6	30	15-16	64	64
31	23	44	63	70	73	80	85	81	98	4-5	23	17	75	63
73	82	92	91	91	78	90	79	71	94	18-19	47	12-13	47	73
45	45	44	46	54	55	57	63	65	92	4-5	44	19	48	62
25	44	58	58	52	56	57	61	71	85	2	23	16-17	62	60
39	37	41	55	64	68	66	73	79	87	1-2	33	10-11	54	61
45	47	53	63	71	76	79	83	83	94		38		56	67

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.5	11.5	12.5	15.5	14.7	13.5	13.0	12.0	12.0	15.5	19	7.6	9	7.9	10.8
14.5	15.5	17.0	16.0	16.0	16.0	15.5	16.0	15.5	17.0	18	9.5	6,9	7.5	12.8
11.5	10.0	11.0	13.0	12.0	13.5	13.5	13.5	14.0	15.5	1,2,6,7,12,13	10.0	17	5.5	13.9
5.4	5.2	6.6	12.5	12.9	13.5	13.5	13.5	13.5	14.0	1	5.2	17	8.8	10.0
9.5	9.0	11.0	12.0	14.3	14.0	13.0	13.0	13.0	14.3	20	9.0	17	5.3	11.8
17.5	16.5	16.5	16.5	16.3	16.0	16.0	15.5	15.0	19.0	11,13	13.0	1	6.0	16.3
6.2	5.8	6.4	6.0	7.2	8.0	8.0	8.0	8.0	11.0	1	5.8	13,17	5.2	7.3
6.2	6.2	6.8	8.0	8.3	8.0	8.0	7.8	8.0	8.5	7	5.2	11	3.3	7.0
6.8	6.4	7.0	7.8	10.2	10.5	10.5	10.5	9.5	10.5	21,23	6.4	17	4.1	8.1
11.0	9.5	11.0	12.0	13.7	14.0	13.0	12.5	12.5	14.0	21	9.0	1,3,5,6	5.0	10.5
14.0	13.0	12.5	13.5	12.9	13.0	12.5	12.0	12.0	14.6	14	11.5	11	3.1	12.8
11.0	11.5	11.5	13.0	13.9	14.5	15.5	15.0	15.0	15.5	22	9.0	10	6.5	11.9
17.0	16.5	17.0	17.5	17.0	17.0	16.5	16.5	16.5	17.5	19	14.5	1,3	3.0	15.9
13.5	13.5	13.5	13.0	15.2	15.0	15.0	15.0	15.5	16.5	1,6	11.5	15	5.0	14.7
11.5	10.5	10.0	11.0	11.4	12.0	10.5	13.0	14.0	15.1	8	10.0	18	5.1	13.0
14.5	14.0	14.0	13.5	14.6	14.5	15.5	16.0	16.5	16.5	9,24	13.5	19	3.0	15.0
16.0	16.0	16.0	16.5	16.4	16.5	16.0	16.0	14.0	17.0	1	14.0	24	3.0	15.8
14.5	15.0	15.0	15.5	15.6	16.0	16.0	17.0	15.0	17.0	23	13.5	1	3.5	14.9
15.5	17.0	15.5	16.0	18.1	17.5	18.0	17.5	16.0	18.1	20	14.0	1,2,6,10,12,13	4.1	15.6
3.8	9.5	10.5	12.0	12.7	13.0	12.5	13.0	13.0	16.0	2	3.8	16	12.2	11.1
10.5	12.0	13.0	16.0	16.8	16.5	16.5	15.5	15.5	16.8	20	10.5	15,16	6.3	13.8
10.5	10.0	10.5	10.5	10.4	11.5	13.0	19.0	18.5	19.0	23	10.0	17	9.0	13.8
12.0	13.5	14.0	16.0	17.1	15.5	16.5	17.0	16.5	17.1	20	11.5	11	5.6	14.2
11.5	8.0	13.0	17.5	17.8	17.5	18.0	18.5	18.5	18.5	23,24	8.0	17	10.5	15.0
20.0	22.0	22.5	21.0	19.9	16.0	16.5	15.0	14.5	22.5	18	14.5	1,2,24	8.0	17.5
9.0	9.0	8.5	8.5	8.5	7.6	7.8	8.0	7.8	18.5	4	7.6	21	10.9	10.5
4.6	7.8	9.5	9.5	8.6	9.0	8.5	9.0	10.0	10.0	4,5,24	4.6	16	5.4	8.5
7.2	6.8	6.8	7.8	9.0	8.5	8.5	8.5	8.5	10.5	6	6.8	17,18	3.7	8.6
11.3	11.5	12.1	13.1	13.6	13.5	13.5	13.7	13.5	15.6		9.6		6.0	12.5

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	NE	11	NE	13	NE	12	N	12	NE	16	NE	17	N	20	N	26	N	31	NW	28	NW	23	NW	23	NW	27	NW	22	NW	22
2	N	16	N	16	N	13	N	13	N	13	N	11	N	12	NW	21	NW	21	W	20	W	19	SW	9	SW	14	SW	9	W	22
3	NW	7	NE	12	NE	10	NE	14	NW	11	SW	6	SW	4	SW	2	NW	7	NW	10	NW	9	W	11	W	10	W	9	W	7
4	W	7	SW	6	W	7	W	7	W	11	W	12	W	10	SW	17	SW	16	SE	13	SE	14	S	11	SE	8	SE	6	S	5
5	E	8	E	10	E	13	NE	11	NE	11	NE	12	NE	13	NE	17	NE	24	NE	16	NE	27	NE	26	NE	28	N	29	N	25
6	NE	9	NE	10	N	12	N	12	N	11	N	13	N	19	N	23	NW	33	NW	29	NW	27	W	22	SW	17	SW	15	SW	8
7	SW	22	SW	21	SW	28	S	20	SW	13	SW	16	SW	15	SW	17	SW	19	SW	22	SW	22	SW	18	SW	21	SW	19	SW	19
8	S	4	S	2	SW	2	Calma	1	N	3	NW	3	NW	6	NW	8	NW	11	NW	8	W	8	W	10	W	10	W	9	NW	9
9	N	8	N	7	N	8	N	6	N	6	NE	7	NE	11	NE	18	N	25	N	29	NW	24	NW	25	NW	24	NW	26	NW	23
10	–	8	–	10	–	12	–	11	–	7	–	12	–	11	N	14	NW	24	NW	27	NW	22	NW	19	NW	21	NW	19	NW	20
11	Calma	1	S	6	S	5	SE	7	S	6	SE	6	SE	9	SE	13	SE	12	SE	10	SE	10	SE	9	SE	7	E	12	E	12
12	E	6	SE	6	SE	3	E	4	E	4	E	5	SE	3	E	10	E	15	E	15	E	15	E	11	E	14	E	10	E	10
13	SE	6	E	7	E	10	E	9	E	12	E	9	NE	11	NE	4	W	4	W	4	SW	7	S	3	SW	6	SW	8	SE	4
14	SW	3	SW	4	SW	4	SW	4	SW	6	S	4	SW	7	SW	8	SW	9	SW	6	S	9	SW	9	S	8	S	9	SW	10
15	SE	5	SE	5	SE	6	S	4	S	6	SW	4	SW	7	SE	7	S	8	SE	10	S	10	S	12	SE	15	SE	16	SE	15
16	SE	8	SE	10	SE	8	S	7	S	8	S	7	S	7	S	9	SE	10	SE	13	SE	13	SE	15	SE	12	SE	14	SE	18
17	SE	10	SE	11	SE	10	SE	12	E	11	E	8	E	10	E	15	E	17	E	19	E	18	E	18	SE	–	E	–	E	16
18	NE	14	NE	11	NE	10	NE	12	NE	–	E	–	NE	10	NE	13	NE	14	NE	15	NE	14	NE	15	NE	–	NE	–	NE	16
19	NE	13	NE	14	NE	15	NE	14	NE	12	NE	8	S	3	S	6	S	6	S	2	W	6	W	6	W	8	SW	7	SW	5
20	SW	6	SW	8	SW	10	S	9	S	10	S	8	S	6	S	8	S	6	S	7	S	7	SW	7	S	7	S	8	SE	5
21	NE	5	NE	5	NE	8	NE	7	NE	6	NE	7	NE	11	N	14	N	17	NE	20	NW	17	NW	17	NW	16	NW	11	NW	12
22	N	6	N	8	N	10	NE	10	N	11	N	8	N	7	NW	10	N	15	NW	13	NW	17	NW	20	NW	22	NW	24	NW	26
23	S	11	SE	11	N	16	NW	6	SE	4	S	12	SW	16	NW	38	NW	25	NW	4	SW	4	W	5	W	7	W	8	NW	12
24	E	7	NE	5	E	4	E	4	NE	5	NE	8	NE	8	N	13	N	18	N	18	N	22	NE	21	N	19	N	19	NE	13
25	NE	13	NE	13	NE	15	NE	17	NE	20	NE	16	NE	16	N	18	NW	30	NW	28	NW	22	NW	16	N	11	N	13	NE	9
26	NE	16	N	14	SW	9	S	8	S	22	SE	18	SE	11	SE	10	SE	10	SE	10	SE	11	SE	14	SE	13	S	12	SW	10
27	S	5	SE	9	SE	9	SE	7	SE	5	SE	6	SE	7	SE	7	SE	6	SE	5	SE	5	SE	7	SE	7	SE	9	SE	8
28	N	2	SE	3	SE	2	Calma	1	Calma	1	S	4	S	4	SE	7	SE	11	E	14	SE	12	E	15	SE	13	E	17	E	17
29																														
30																														
31																														
DIRECCIÓN PREVALENTE	NE		NE		NE-SE		NE		NE		NE		NE		N		NW		NW		NW		NW		SE		W-NW		NW	
NUMERO DE HORAS	7		8		6		7		6		7		7		6		7		8		8		6		7		5		7	
PROM. HOR. DE LA VELOCIDAD		8		9		10		9		9		9		10		13		16		15		15		14		14		14		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
NW	19	NE	21	NE	18	NE	15	NE	12	NE	13	N	11	NE	11	NE	12	N	12	18	33	N	8.23
SW	16	SW	9	W	4	SE	5	SW	5	W	6	NW	6	SW	4	W	6	SW N	7	12	38	W	14.32
N	10	SW	6	SW	7	W	5	W	6	W	5	W	6	W	7	W	7	W	11	8	22	N	3.37
SW	5	SW	5	SW	4	NE	6	NE	4	E	3	E	6	E	3	E	6	W SW	6	8	30	SW	7.50
NW	29	NW	23	NE	16	NE	11	NE	5	N	8	N	6	NE	5	N	7	NE	14	16	35	NE	12.07
SW	11	SW	9	S	5	S	2	E	2	SW	5	SW	6	SW	10	SW	10	SW	9	13	40	W	11.26
SW	16	SW	17	SW	10	SW	10	SW	3	SW	4	SW	2	SW	3	SW	4	SW	23	15	51	SW	2.36
W	9	W	5	NW	5	NW	3	NW	3	N	4	N	7	N	6	N	7	NW	9	6	17	W	11.12
N	25	N	25	N	22	N	14	NE	10	–	11	–	8	–	5	–	10	N	11	17	38	N	13.23
NW	15	NW	12	NW	13	N	11	N	12	N	12	N	8	N	5	SW	7	NW	10	15	33	NW	9.15
E	14	E	15	E	14	E	9	E	7	E	6	E	8	E	9	E	6	E	11	9	19	E	17.44
E	11	E	11	E	11	SE	12	SE	9	SE	11	SE	9	SE	7	SE	8	E	15	9	21	E	9.32
SE	4	S	3	SW	4	Calma	1	SE	3	E	2	S	2	Calma	1	SW	2	E	6	5	14	NE	4.52
SW	10	S	9	SE	6	SE	7	SE	4	SE	7	SE	2	SE	6	SE	4	SW	12	6	17	S	13.59
SE	13	SE	11	SE	11	SE	11	SE	9	SE	7	SE	8	SE	10	SE	8	SE	17	9	20	SE	19.15
SE	17	SE	17	SE	16	SE	15	SE	16	SE	13	SE	13	SE	12	SE	9	SE	19	12	29	SE	19.17
E	–	SE	–	SE	–	SE	15	SE	12	SE	10	SE	10	E	10	E	12	E	11	13	26	E	10.33
NE	10	E	14	E	11	E	10	E	7	E	7	E	6	E	8	E	10	NE	12	11	21	NE	13.58
W	7	SW	6	W	6	W	5	Calma	0	Calma	1	SW	2	SE	2	SW	3	NE W	6	6	17	NE	1.36
SE	5	Calma	1	E	9	E	9	E	6	E	5	E	5	E	6	E	6	S	10	7	16	S	2.47
N	18	N	17	NW	14	NE	10	N	10	N	10	N	7	N	7	N	4	N NE	9	11	23	SW	9.26
N	24	N	27	N	18	N	14	N	13	N	9	NE	8	NE	7	NE	7	N	13	14	32	NW	13.04
W	9	W	8	SW	5	NE	4	N	4	SE	4	SE	2	E	3	E	4	W NW	5	9	47	NW	7.08
NE	12	NE	14	NE	6	NE	7	NE	4	NE	8	NE	10	NE	10	NE	9	NE	15	11	24	NE	11.40
NE	6	SE	2	S	3	SE	5	SE	4	SW	8	NE	6	NE	7	NE	12	NE	12	13	37	N	8.34
SW	13	SW	11	S	11	S	12	S	7	SW	7	SW	6	S	5	S	5	S SE	8	11	49	SW	4.43
SE	6	E	8	E	10	E	8	SE	9	SE	5	SE	5	SE	4	Calma	1	SE	19	7	14	SE	2.08 2.30
E	19	E	18	SE	13	SE	12	SE	10	SE	8	SE	6	SE	6	SE	3	SE	13	9	27	E	15.56
SW		SW		E-SW		SE		SE		SE		SE		SE		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
6		7		5		8		9		8		8		7		6		SE	128	11	DIRECCIÓN	DÍA	HORA
	13		12		10		9		7		7		6		6		7				NW	23	de 7.15 a 7.45

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	5	100	12	171											7	164		435
2	7	94					1	5			7	66	6	77	3	48		290
3			3	36							5	25	11	83	5	44		188
4			2	10	4	18	4	41	2	16	6	53	6	54				192
5	5	75	14	222	3	31									2	52		380
6	6	90	2	19	1	2			2	7	9	91	1	22	3	89		320
7									1	20	23	341						361
8	5	27							2	6	1	2	6	51	9	56	1	143
9	11	175	4	46											5	122		343
10	6	62									1	7			10	192		261
11					11	112	9	83	3	17							1	213
12					15	152	9	68										220
13			2	15	6	49	4	17	3	8	5	27	2	8			2	126
14							7	36	5	39	12	80						155
15							17	167	5	40	2	11						218
16							19	249	5	38								287
17					11	154	8	90										244
18			12	154	8	73												227
19			6	76			1	2	4	17	5	23	6	38			2	157
20					7	47	2	10	10	76	4	31					1	165
21	9	104	9	79											6	87		270
22	13	170	4	32											7	132		334
23	2	20	1	4	2	7	4	21	2	23	3	25	5	37	5	85		222
24	6	109	15	140	3	15												264
25	3	42	12	150			3	11	1	3	1	8			4	96		310
26	1	14	1	16			8	97	8	82	6	56						265
27					3	26	19	126	1	5							1	158
28	1	2			6	100	13	106	2	8							2	218
29																		
30																		
31																		
SUMAS	80	1084	99	1170	80	786	128	1129	56	405	90	846	43	370	66	1167	10	6966
% PREVAL POR VELOCIDAD	15.6		16.8		11.3		16.2		5.8		12.1		5.3		16.8		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		12		10		9		7		9		9		18		0.9	249

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	7	3	4	3	3	1	1	1
1 - 2	4	8	2	7	2	4			
2 - 3	5	6	3	6	1	5	1		
3 - 4	4	7	3	3	5	1	1	1	2
4 - 5	5	6	3	2	5	2	1	1	1
5 - 6	3	7	3	3	5	3	1	1	
6 - 7	4	7	1	4	4	5	1	1	
7 - 8	6	4	2	5	3	4		4	
8 - 9	5	2	2	5	3	3	1	7	
9 - 10	2	3	3	6	2	2	2	8	
10 - 11	1	2	2		3	3	3	8	
11 - 12		3	3	4	3	4	5	6	
12 - 13	2	1	1	7	2	4	4	5	
13 - 14	3		3	4	3	5	3	5	
14 - 15	1	3	4	5	1	5	2	7	
15 - 16	3	3	3	5		6	4	3	
16 - 17	3	2	5	3	2	7	2	2	1
17 - 18	2	3	5	4	3	5	2	3	
18 - 19	3	6	4	8	2	1	2	1	1
19 - 20	4	5	4	9	1	2	1	1	1
20 - 21	5	2	5	8		4	2		1
21 - 22	5	3	4	8	1	4	1	1	
22 - 23	3	5	6	7	1	3	1		1
23 - 24	3	4	6	5	1	5	2		1
SUMAS	80	99	80	128	56	90	43	66	10
% de frec. por dirección	12.3	15.2	12.3	19.6	8.6	13.8	6.6	10.1	1.5

NUBES, VISIBILIDAD

DÍAS	NUBES 8h CLASE	0-8	12h CLASE	0-8	14h CLASE	0-8	18h CLASE	0-8	20h CLASE	0-8	VISIBILIDAD 8h	14h	20h
											90 - 99		
1	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	96	95	97
2	Cs	8	As	8	Sc 5 As 3	8	Ns	8	Ns	8	6	8	5
3	Ac	4	Ac	7	Cu	3	Claro	0	Claro	0	8	9	9
4	Claro	0	Ci	2	Ci	1	Claro	0	Claro	0	8	9	9
5	Ac	1	Claro	0	Ci	1	Cs	6	Ci	1	8	7	8
6	Sc 1 Ac 6	7	Sc 7 As 1	8	Ns	8	Ns	8	As	8	7	6	8
7	Cu	2	Cu	5	Cu	7	Cu 4 Ac 1	5	Claro	0	9	9	9
8	Claro	0	Claro	0	Ci	1	Ci	2	Claro	0	9	9	9
9	Claro	0	Ci 1 Cc 2	3	Ac	1	Ci	3	Ac	8	9	5	8
10	Ac	7	As	8	Ac 3 Ci 4	7	Ci 5 Ac 3	8	As 5 Ci 3	8	8	7	9
11	Ac 4 Ci 3	7	Ac	8	Cu 1 Ac 4 Ci 3	8	Ci	5	Ac	3	8	8	7
12	Ac	1	Ci	8	Ci	8	Ci	2	Ci	3	9	9	7
13	Sc 6 Ac 2	8	St	8	Ns	8	Ns	8	Ns	8	7	5	5
14	St	8	Cu 7 Ac 1	8	Cu	7	Cu 1 Ac 6	7	Sc	2	5	9	9
15	Sc	7	Cu	4	Cu	4	Cu	1	Claro	0	9	9	9
16	St	8	Sc	7	Cu	6	Sc	8	Sc	1	8	7	9
17	Cu	7	Cu	7	Cu	3	Cu	8	Claro	0	8	8	8
18	Sc	5	Sc	7	Cu	3	Ac	1	Sc	1	9	9	8
19	Ns	8	Ac 6 Sc 1	7	Sc Cb 3 Ac 1	4	Cu	2	Sc	2	7	9	8
20	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
21	Claro	0	Claro	0	Cu	1	Cu	1	Claro	0	8	9	8
22	Claro	0	Claro	0	Cu	1	Ci	6	Ci	1	9	6	9
23	Sc	7	Ac	1	Cu	1	Ac	1	Claro	0	8	9	8
24	Ac	1	Cs	8	Cs	8	Ac 4 As 4	8	Sc 6 As 2	8	8	8	9
25	Sc 1 As 6	7	Ac	7	St	8	Ns	8	Ns	8	7	7	6
26	St	7	Ac 5 Ci 3	8	Cu 6 As 1	7	Cu	1	Claro	0	9	9	9
27	St	8	St	8	Ac	7	St	8	Sc	8	9	9	9
28	Sc	1	Cu	3	Cu	1	Claro	0	Claro	0	8	9	9
29													
30													
31													
Prom.		4		5		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	50.2	30.7	1.58	0	5	4	B.
	10	52.4	32.3	1.63	0	5	4	B.
	12	57.0	37.0	1.63	0	5	4	B.
	14	55.5	32.4	1.88	0	4	3	B.
	15	53.5	37.2	1.32	0	4	3	B.
2	9	46.3	32.3	1.14	8	2	4	B., Js.
	10	51.5	35.5	1.30	8	1	4	B.
	12	41.5	32.5	0.73	8	0	4	
	14	37.8	30.2	0.62	8	0	4	
	15				8	0	3	LL.
3	9	39.0	25.7	1.08	6	0	5	
	10	48.0	28.3	1.60	3	5	5	
	12	49.7	30.8	1.54	6	3	5	
	14	56.2	34.4	1.77	3	3	5	
	15	54.6	34.6	1.63	1	5	5	
4	9	48.3	37.8	0.85	0	5	5	
	10	51.6	30.2	1.74	1	5	5	
	12	54.6	33.6	1.71	3	5	5	
	14	55.2	34.1	1.72	1	5	5	
	15	55.2	34.5	1.68	0	5	5	
5	9	49.8	29.3	1.67	0	5	5	
	10	52.8	31.9	1.70	0	5	5	
	12	56.1	35.0	1.72	0	5	5	
	14	55.4	36.6	1.53	1	5	5	
	15	54.6	36.6	1.46	2	5	5	
6	9	42.0	30.7	0.92	8	1	5	
	10	33.8	29.4	0.36	8	0	5	
	12				8	0	5	Am.
	14				8	0	3	Am.
	15				8	0	3	LL.
7	9	42.5	21.1	1.74	2	3	5	
	10	47.5	23.3		3	3	5	
	12	38.4	22.0	1.33	5	0	5	
	14	44.5	24.3	1.64	7	3	5	
	15	29.1	20.2	0.72	7	0	5	
8	9	45.1	22.6	1.83	0	5	5	
	10	48.3	26.1	1.80	0	5	5	
	12	49.7	28.6	1.72	0	5	5	
	14	50.1	29.2	1.70	1	5	5	
	15	49.5	28.7	1.69	0	5	5	
9	9	47.0	26.2	1.69	0	5	5	
	10	49.8	27.8	1.79	1	5	5	
	12	46.0	28.5	1.42	3	4	5	
	14	51.2	30.5	1.68	1	5	4	B.
	15	48.9	30.0	1.54	0	5	4	B.
10	9	38.7	26.0	1.03	8	0	5	
	10	36.7	25.2	0.93	8	0	5	
	12	37.5	29.8	0.63	7	1	5	
	14	53.6	33.3	1.65	7	4	4	Ds.
	15	53.5	33.5	1.63	8	4	1	Js.
11	9	36.0	23.5	1.01	7	0	5	
	10	48.4	27.7	1.68	7	4	5	
	12	43.4	28.0	1.25	8	1	5	
	14	49.6	29.6	1.63	8	3	5	
	15	45.9	28.3	1.43	8	3	5	
12	9	46.1	26.0	1.63	1	5	5	
	10	48.4	27.0	1.74	4	5	5	
	12	50.6	29.4	1.72	3	5	5	
	14	50.6	30.6	1.63	8	4	5	
	15	50.6	31.1	1.58	2	5	5	
13	9	26.2	23.4	0.23	8	0	5	
	10	28.2	23.5	0.38	8	0	5	
	12	30.4	24.6	0.47	8	0	5	
	14				8	0	4	LL.
	15				8	0	4	LL.
14	9	25.4	20.5	0.40	8	0	5	
	10	31.7	23.2	0.69	8	0	5	
	12	48.4	36.0	1.01	8	0	5	
	14	47.4	30.0	1.41	7	3	5	
	15	48.9	31.2	1.44	7	2	5	
15	9	43.6	26.5	1.39	6	3	5	
	10	48.2	28.8	1.58	5	4	5	
	12	52.3	31.6	1.68	6	1	5	
	14	48.6	31.9	1.36	4	0	5	
	15	52.5	31.5	1.71	4	4	5	
16	9	38.4	25.5	1.05	7	0	5	
	10	43.6	28.6	1.22	8	0	5	
	12	44.0	29.0	1.22	7	1	5	
	14	56.7	36.6	1.63	6	3	5	
	15	40.8	28.7	0.98	7	3	5	
17	9	33.8	25.1	0.71	7	0	5	
	10	43.8	28.0	1.28	7	1	5	
	12	43.5	29.0	1.18	6	0	5	
	14	55.4	33.0	1.82	3	5	5	
	15	51.6	31.8	1.61	2	3	5	
18	9	35.9	25.7	0.83	8	0	5	
	10	35.6	25.8	0.80	8	0	5	
	12	46.2	29.9	1.32	7	0	5	
	14	57.7	34.7	1.87	3	5	5	
	15	51.8	32.6	1.56	2	5	5	
19	9				8	0	5	
	10	38.6	25.0	1.10	8	0	5	
	12	51.5	30.6	1.70	1	5	5	
	14	47.2	29.0	1.48	4	3	5	
	15	36.5	29.0	0.61	7	3	5	
20	9	47.4	26.8	1.67	0	5	5	
	10	51.0	28.8	1.80	0	5	5	
	12	53.6	31.6	1.77	1	5	5	
	14	54.0	33.0	1.71	0	5	5	
	15	53.1	32.6	1.67	0	5	5	
21	9	50.1	31.0	1.55	0	5	5	
	10	53.8	33.8	1.63	0	5	5	
	12	57.2	37.5	1.60	0	5	5	
	14	57.8	38.1	1.60	1	5	5	
	15	50.0	36.6	1.09	0	5	5	
22	9	52.2	33.2	1.54	0	5	5	
	10	55.6	35.9	1.60	0	5	5	
	12	59.0	38.7	1.65	0	5	5	
	14	55.9	38.1	1.45	5	4	5	
	15	53.5	32.6	1.70	0	5	4	
23	9	30.6	24.4	0.50	8	0	5	
	10	39.6	25.2	1.17	6	5	5	
	12	56.1	35.9	1.64	1	5	5	
	14	59.9	38.3	1.76	6	4	5	
	15	55.5	37.0	1.50	1	5	5	
24	9	52.9	33.5	1.58	1	5	5	
	10	55.2	35.4	1.61	6	4	5	
	12	57.2	37.5	1.60	8	4	5	
	14	58.7	38.0	1.68	1	5	5	Js.
	15	46.9	35.0	0.97	8	2	5	
25	9	47.0	31.3	1.28	8	2	5	
	10	45.5	32.0	1.10	8	0	5	
	12	48.0	38.0	0.81	8	3	5	Js.
	14	32.0	30.1	0.15	8	0	4	
	15				8	0	4	Z.
26	9	25.0	18.2	0.55	7	0	5	
	10	39.2	23.0	1.32	8	3	5	
	12	49.3	26.9	1.82	7	3	5	
	14	46.0	27.4	1.51	7	1	5	
	15	49.4	28.5	1.70	2	5	5	
27	9				8	0	5	Am
	10	21.0	17.4	0.29	8	0	5	
	12	35.9	22.5	1.08	8	1	5	
	14	36.4	25.0	0.84	7	2	5	
	15	36.3	25.2	0.90	6	2	5	
28	9	45.2	25.0	1.64	2	5	5	
	10	48.0	27.3	1.68	1	5	5	
	12	50.1	28.1	1.79	4	5	5	
	14	47.8	27.8	1.63	1	5	5	
	15	46.5	26.8	1.60	0	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	1.0	1.0	1.0	0.2	12.4	13.6	91
2	0.1	1.0	1.0	1.0	1.0	0.4									4.5	13.6	33
3		0.1	0.6	1.0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.0	13.6	81
4	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	0.7	12.9	13.6	95
5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4		11.4	13.5	84
6			0.4	0.1				0.1							0.6	13.5	04
7	0.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.8	0.9	0.8	0.9	0.6	11.9	13.5	88
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	0.6	12.7	13.4	95
9	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.7		11.7	13.4	87
10		0.2	0.7	0.7			0.4	1.0	1.0	1.0	1.0	1.0	0.6		7.6	13.4	57
11		0.4	1.0	0.9	1.0	1.0	0.2	0.3	0.8	0.7	0.4	0.7	1.0	0.1	8.5	13.3	64
12	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	0.2	12.4	13.3	93
13			0.2												0.2	13.3	02
14						0.4	0.5	0.2	0.9	1.0	0.8	1.0	1.0	0.4	6.2	13.2	47
15	0.1	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4	11.6	13.2	88
16				0.4	0.8	1.0	0.8	0.8	0.9	0.9	0.4	0.6	0.1		6.7	13.2	51
17		0.7	0.9	0.7	0.9	1.0	1.0	0.7	1.0	1.0	0.8	0.4			9.1	13.1	70
18			0.8	0.6	0.7	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.1	10.1	13.1	77
19						0.3	1.0	1.0	0.8	0.5	0.9	1.0	1.0	0.2	6.7	13.1	51
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	0.3	12.4	13.0	95
21	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	13.0	92
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	0.2	12.4	13.0	95
23	0.2	0.4				0.9	1.0	1.0			1.0	1.0	1.0	0.3	6.8	12.9	53
24		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4					7.9	12.9	61
25			0.4	1.0	0.6	0.6	0.7	0.5							3.8	12.9	30
26					0.4	1.0	1.0	0.4	0.9	0.8	1.0	1.0	1.0	0.2	7.7	12.8	60
27								0.1	1.0	0.8	1.0	0.4			3.3	12.8	26
28	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	12.8	96
29																	
30																	
31																	
Medias	0.1	0.5	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.8	0.7	0.6	0.2	8.8	13.2	67

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	23.2	30.0	27.7	23.2	27.4	26.8	23.8	24.2	25.2	24.8	24.6	25.2	27.2	27.0	27.0
2	24.7	28.6	26.0	24.3	26.7	25.5	24.3	24.6	24.7	25.1	24.9	25.0	27.0	27.1	27.1
3	23.6	29.4	25.7	23.5	27.1	25.3	23.6	24.1	24.7	24.4	24.4	24.4	26.7	26.6	26.7
4	23.0	29.0	25.8	23.1	26.9	25.7	23.5	23.8	24.7	24.4	24.2	24.6	26.6	26.5	26.4
5	22.9	28.8	26.5	22.9	26.4	25.7	23.3	23.7	24.4	24.2	24.0	24.3	26.4	26.3	26.2
6	24.4	26.0	24.1	23.9	25.0	23.9	23.6	23.6	23.5	24.3	24.0	24.0	26.4	26.4	26.1
7	20.5	24.0	22.0	21.2	23.2	21.3	22.1	21.9	21.0	23.3	22.8	22.8	25.7	25.5	25.0
8	18.4	25.4	22.8	19.0	23.5	22.8	20.4	20.8	21.9	21.4	21.6	22.0	24.8	24.6	24.4
9	19.5	25.4	23.1	19.8	23.1	22.5	20.6	20.8	21.5	21.8	21.5	21.8	24.4	24.3	24.2
10	20.7	24.8	24.0	24.0	22.7	23.2	20.6	20.9	21.8	21.6	21.5	21.8	24.2	24.1	24.1
11	21.9	25.9	24.1	21.6	24.0	23.5	21.4	21.8	21.8	22.0	22.0	21.9	24.3	24.3	24.1
12	21.3	26.8	24.5	21.3	24.8	23.7	21.5	21.9	21.7	22.3	22.1	21.9	24.5	24.5	24.5
13	23.2	24.4	24.0	22.7	23.5	23.3	22.3	22.2	22.5	22.7	22.4	22.7	24.8	24.7	24.7
14	23.1	25.4	24.6	22.5	24.0	24.1	22.0	22.3	23.7	22.4	22.5	22.8	24.7	24.7	24.6
15	22.4	27.1	25.1	22.2	25.2	24.1	22.0	22.4	22.5	22.6	22.6	22.6	24.7	24.7	24.6
16	23.5	26.2	23.6	22.7	24.7	24.3	22.3	22.6	23.1	22.8	22.8	23.1	24.8	24.8	24.8
17	23.4	26.5	24.4	23.0	25.0	24.8	22.5	22.8	23.4	22.9	22.8	23.2	24.9	25.0	24.9
18	23.6	27.1	25.7	23.1	25.4	25.1	22.6	23.0	23.6	23.1	23.1	23.5	25.1	25.1	25.1
19	23.6	27.4	26.2	23.3	25.6	25.5	22.7	22.8	23.8	23.3	23.1	23.5	24.9	25.3	25.2
20	23.3	28.1	25.2	23.2	26.4	25.1	23.1	23.4	24.0	23.6	23.4	23.8	25.4	25.4	25.4
21	22.4	28.5	26.8	22.2	26.0	25.9	22.3	23.0	24.1	23.4	23.2	23.8	25.5	25.4	24.4
22	24.1	29.4	27.0	23.7	27.0	26.1	23.4	23.9	24.7	23.8	23.9	24.2	25.7	25.7	25.8
23	24.2	28.5	26.9	24.0	26.6	26.1	24.6	23.8	23.8	24.1	23.9	23.9	25.9	25.9	25.7
24	24.3	28.6	27.3	24.0	26.7	26.2	23.8	24.1	24.7	24.2	24.2	24.4	26.1	26.0	26.0
25	25.4	28.4	26.8	24.7	26.5	25.9	24.1	24.5	24.6	24.4	24.3	24.4	26.2	26.2	26.0
26	23.7	26.2	24.4	23.9	25.1	24.4	23.8	24.5	23.7	24.2	24.0	23.8	26.1	26.1	25.8
27	21.6	23.5	22.7	21.7	22.5	22.5	22.1	21.8	21.9	23.1	22.6	22.5	25.5	25.2	25.0
28	20.3	24.6	22.3	20.6	23.2	22.3	21.0	21.3	21.8	22.1	22.0	22.2	24.7	24.6	24.4
29															
30															
31															
Prom.	22.7	26.9	25.0	22.6	25.2	24.5	22.6	22.9	23.3	23.3	23.2	23.4	25.5	25.4	25.3

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	1.50 m.	7 m.	18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8h	14h	20h	Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	2.2	4.7	4.0	11.7	-	-	-	-			8003
2					1	3.0	3.8	1.1	5.4							8109
3	17.4	17.3	16.1	16.1	1	0.5	1.6	1.9	5.5							8120
4					0	2.0	3.5	2.8	7.8							8135
5					0	1.5	3.8	4.0	9.5							8142
6					2	1.7	1.8	0.3	3.1	K. 1	20.8	17.8	14.2			8136
7	19.4	19.1	18.1	18.8	2	1.0	3.3	0.7	4.4							8161
8					1	0.4	2.4	2.1	5.7							8169
9					0	1.2	3.6	3.4	8.5							8172
10					0	1.5	3.5	3.3	8.0							8175
11					0	1.2	0.7	1.4	2.9	K. 2	10.6	11.2	10.5			8187
12					0	0.8	2.2	2.0	5.2							8190
13	0.0	0.0	0.0	0.0	2	1.0	0.7	0.3	1.1							8199
14	2.8	3.0	1.3	2.8	0	0.1	0.9	1.7	3.2							8203
15					0	0.6	2.0	2.2	5.1							8222
16	0.3	0.6	0.2	0.0	0	0.9	1.3	1.7	4.2	K. 3	7.0	8.7	8.3			8231
17	0.0	0.0	0.0	0.0	0	1.2	1.4	1.6	4.1							8237
18					0	1.1	1.9	1.7	5.1							8243
19	-	13.6	-	13.5	2	1.5	1.1	1.5	3.2							8245
20	0.5	1.2	-	0.0	1	0.6	2.6	2.4	6.0							8258
21					0	1.0	3.2	3.8	8.5	K. 4	12.2	9.8	11.9	16.9	14.2	8262
22					0	1.5	3.8	4.8	10.3							8272
23	2.9	3.1	2.4	2.3	0	1.7	2.4	2.8	6.2							8279
24					0	1.0	4.7	2.7	9.8							8291
25					2	2.4	2.7	0.8	4.9							8296
26	8.3	8.5	-	6.9	0	1.4	1.6	2.1	5.0	K. 5	9.7	8.7	14.6			8306
27	0.0	0.0	0.0	0.0	0	1.3	1.4	2.0	3.8							8322
28	0.0	0.0	0.0	0.0	0	0.4	3.0	2.1	5.9							8333
29																
30																
31																
Prom.	51.6	66.4	38.1	60.4	-	1.2	2.5	2.2	5.9	-	-	-	-	-	-	8211

0.50 m. 8h	14h	20h	1 m. 8h	14h	20h	2 m. 8h	3 m. 8h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
26.5	27.0	26.8	24.4	24.7	24.8	21.7	19.7	9.6	Ca. m. t. y n., B. m. t. y n.
26.8	26.8	26.7	24.5	24.7	24.6	21.8	19.7	15.2	Cn. m. t. y n., B.Js. m., R.Ru.LL. t., LL. n.
26.5	26.4	26.4	24.7	24.8	24.8	21.9	19.8	17.1	Cn. m., Ca. t. y n.
26.3	26.4	26.2	24.5	24.7	24.6	22.0	19.8	11.0	Ca. m. t. y n., r. m. y n.
26.2	26.3	26.1	24.5	24.7	24.7	22.0	19.9	13.6	Ca. m. t. y n., r. m., B. t.
26.3	26.3	26.1	24.5	24.6	24.7	22.0	20.0	19.5	Cn. m. t. y n., LL. t., Ru. t.
25.8	25.6	25.3	24.4	24.4	24.4	22.0	19.8	-	Ca. m. y n., Cn. t.
24.8	24.8	24.5	23.8	24.2	24.1	22.0	19.9	1.9	Ca. m. t. y n., r. m.
24.6	24.5	24.4	23.7	23.9	23.7	22.1	20.0	5.0	Ca. m., Cn. t. y n., r. m., B. t.
24.3	24.4	24.2	23.6	24.1	23.8	22.1	20.0	9.0	Cn. m. t. y n., B. m., Ds. t.
24.3	24.5	24.0	23.6	23.8	23.8	22.1	20.0	14.0	Cn. m. y t., Ca. n.
24.5	24.5	24.4	23.5	23.6	23.7	22.1	20.1	8.8	Ca. m. y n., Cn. t., r. m.
24.6	24.6	24.5	23.6	23.6	23.6	22.3	20.1	16.0	Cn. m. t. y n., Z. m. y n., LL. t.
24.3	24.5	24.3	23.5	23.6	23.7	22.1	20.1	15.6	Cn. m. y t., Ca. n., Ne. m., r. n.
24.4	24.5	24.5	23.5	23.6	23.6	22.2	20.2	12.0	Cn. m. y t., Ca. n., r. m.
24.5	24.6	24.4	23.5	23.6	23.6	22.2	20.2	14.4	Cn. m. y t., Ca. n., Z. m., CH. m.
24.6	24.6	24.6	23.5	23.6	23.6	22.1	20.3	18.0	Cn. m., Ca. t. y n., Ne. t.
24.7	24.7	24.7	23.6	23.6	23.7	22.3	20.3	16.0	Cn. m., Ca. t. y n., r. m.
24.4	25.0	24.9	23.6	23.7	23.7	22.2	20.3	17.8	Cn. m. y t., Ca. n., LL. m.
25.0	25.1	25.0	23.6	23.7	23.7	22.0	20.3	14.4	Ca. m. t. y n., r. m.
25.3	25.3	25.2	23.5	23.7	23.8	22.2	20.3	10.3	Ca. m. t. y n., r. m.
25.5	25.6	25.5	23.8	23.8	23.9	22.1	20.4	15.8	Ca. m. t. y n., r. m., B. t., R.Ru. n.
25.8	25.9	25.8	23.8	23.8	23.8	22.1	20.4	16.1	Cn. m., Ca. t. y n., Ru.Tv. m.
25.9	25.9	25.8	23.9	24.0	24.0	22.2	20.5	15.5	Ca. m., Cn. t. y n., r. m., Js. t., R. n.
26.0	26.0	25.9	24.1	24.1	24.2	22.1	20.5	20.4	Cn. m. t. y n., r. m., LL. t., Z. n.
26.0	26.0	25.6	23.8	24.1	24.0	22.1	20.5	14.0	Cn. m. y t., Ca. n.
25.4	25.2	25.0	23.7	23.9	23.8	22.1	20.5	9.8	Cn. m. t. y n., Z. m. y t.
24.7	24.7	24.3	23.6	23.8	23.5	22.5	20.5	9.4	Ca. m. t. y n., r. m.
25.3	25.4	25.2	23.9	24.0	24.0	22.1	20.2	13.3	

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	55.5	63.2	8	8	47.7	5	10,11	20.9	28.4	14.6	33.6	1	15-16	6.1	8	5-6	9.7	13.5	72
2ª	57.6	64.5	12	7-8	50.9	19	15-16	21.8	27.2	18.0	29.0	20	16	14.2	12	4-6	8.4	13.3	64
3ª	54.6	66.5	28	7	47.6	25	20	23.1	29.8	17.2	34.5	22	13-14	12.8	28	7	8.3	12.9	64
MES	56.0	66.5	28	7	47.6	25	20	21.9	28.4	16.6	34.5	22	13-14	6.1	8	5-6	8.[illegible]	13.2	67

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	62	100	6	18	4	10.8	19.0	5.2	SW	11	36	6	33	6	8-9	51	SW	7	2.36	36.4	19.1	7	6.5	3	21-22
2ª	76	100	15,16	15	20	14.1	18.1	3.8	SE	10	28	16, 17	19	17	9-10	29	SE	16	19.17	18.4	13.5	19	10.0	19	8-9
3ª	63	98	24	23	24,27	12.7	22.5	4.6	SE	8	40	23	38	23	7-8	49	SW	26	4.43	11.6	8.5	26	2.0	25	3-4
MES	67	100	6,15,16	15	20	12.5	22.5	3.8	SE	9	40	23	38	23	7-8	51	SW	[illegible]	2.36	66.4	19.1	7	10.0	19	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	5	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-
2ª	7	-	2	-	-	-		2	2	-	1	-	-	-	-	1	-
3ª	7	1	-	-	-	-	-	1	1	-	-	-	-	-	-	2	3
MES	20	6	2	-	-	-	-	5	3	-	1	-	-	-	-	5	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	4	-	-	-	-	1	-	1	-	-	-	7	3	-	8	-
2ª	5	-	-	-	-	-	-	-	-	-	-	6	4	-	9	-
3ª	5	-	-	-	-	-	-	1	-	-	-	5	3	-	5	-
MES	14	-	-	-	-	1	-	2	-	-	-	18	10	-	22	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV MARZO 1949 N.º 3

RESUMEN MENSUAL

El buen tiempo con que se inicia el mes se ve perturbado el día 3 con abundantes lluvias. La presión en contínuo descenso marca su mínima mensual el 4 con 748.7 mm. En los días 5, 7 y 9 se registran tres diferentes empujes de aire fresco que se presentan acompañados nuevamente de chaparrones y de lluvias, aunque poco intensas.

Como en la década anterior, los primeros cinco días de la segunda se presentan muy variables. En efecto: el 11, buen tiempo soplando viento del S; el 12, predomina el N, en consecuencia fuerte estado higrométrico y gran nubosidad; el 13, nuevamente aire fresco del S con lluvias y un marcado descenso de la temperatura en la tarde del mismo día; el 14, otra vez corriente del sector N; el 15, con cielo nublado, el viento sopla desde el SE. En la segunda mitad de este período, el tiempo tiende a estabilizarse hasta el 19. Sólo el 20 aumenta la nubosidad y se registran lluvias aisladas.

Al iniciarse la tercera década, el aire cálido y húmedo que sopla del sector N, aumenta considerablemente la nubosidad; el 23, la temperatura y la tensión del vapor alcanzan sus valores máximos mensuales con 31.2°C y 20.0 mm respectivamente. Por la noche de este mismo día caen lluvias ; el 24 disminuye la nubosidad y el 25 reina buen tiempo, aunque por pocas horas, pues el mismo 25 el viento del N aumenta la nubosidad, temperatura y humedad. Estas condiciones mantiénense así hasta el 27, día en que una ola de aire fresco eleva la columna barométrica hasta que en la noche del 29 alcanza su valor máximo. En estas circunstancias, el último día del mes, la temperatura y humedad registran sus valores mínimos mensuales.

El promedio mensual de la temperatura, humedad relativa y tensión del vapor conservan prácticamente sus respectivos importes mensuales; no así la presión, que excede en 1.5 mm su valor 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	38	36	34	34	32	28	62	85	93	75	34	60	85	85	87
2	36	48	48	50	48	52	71	54	66	73	50	46	42	54	64
3	-	-	-	-	-	-	-	-	-	-	-	32	18	26	50
4	38	30	32	34	40	30	64	95	73	80	75	75	85	80	89
5	54	42	-	-	-	-	-	62	-	-	-	-	-	87	98
6	64	101	96	80	52	66	-	-	-	-	-	-	-	-	-
7	32	36	36	34	34	46	12	±∞	±∞	±∞	49	94	±∞	-	-
8	36	38	54	50	48	54	71	101	89	153	135	94	80	62	51
9	62	66	66	58	57	68	85	112	85	117	-∞	+∞	151	±∞	-
10	26	14	14	9	12	16	26	-	-	-	-	-	-	-	-
11	42	46	44	46	48	42	58	60	51	58	36	38	50	34	48
12	66	69	62	58	54	60	46	47	30	24	24	16	22	22	22
13	-∞	14	26	-	-	-	-	-	-	-	-	-	-	-	-
14	50	62	75	75	66	58	58	62	30	46	58	73	89	94	70
15	-	-	-	-	-	-	-	-	-	-	-	7	12	16	20
16	28	39	42	49	43	45	48	60	54	45	39	25	18	23	28
17	18	22	30	22	-	-	-	-	-	-	-	-	26	36	50
18	55	45	25	24	30	35	53	153	71	80	12	7	18	26	24
19	48	38	26	24	34	30	48	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	58	52	91	98	64	85
22	96	94	98	114	139	121	80	149	75	62	78	82	89	71	98
23	32	22	20	52	±∞	18	18	36	38	26	-	-	-	-	-
24	20	22	30	22	14	-	-	-	-	-	-	66	69	71	46
25	-	-	-	-	-	-	-	-	25	16	-	-	-	-	-
26	18	42	42	32	20	-	48	-	-	26	22	18	20	26	30
27	6	6	6	11	12	10	10	15	13	14	16	16	19	22	22
28	30	36	22	16	-	-	-	-	-	30	44	54	58	66	50
29	-	-	-	-	-	-	-	-	-	-	14	24	36	38	30
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	42	38	46	46	40	46	52	34	56	52	75	96	94	80	82
Prom	49.9	50.1	52.0	53.8	54.7	53.0	59.3	87.3	63.4	68.5	58.9	58.7	64.4	60.3	61.2

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	4.66	7.06	11.72	0.67	4.38	6.32	10.70	0.69	0.58	0.92	1.50	0.63	0.66	0.76	1.42	0.87
2	8.89	10.78	19.67	0.82	7.32	9.00	16.32	0.82	1.29	1.35	2.64	0.96	1.11	1.09	2.20	1.02
3	-	-	-	-	5.48	8.05	13.53	0.68	0.69	0.66	1.35	1.04	0.88	0.97	1.85	0.91
4	6.29	11.53	17.82	0.55	5.50	6.50	12.00	0.85	1.03	1.26	2.29	0.82	0.82	0.78	1.60	1.05
5	8.29	14.80	23.09	0.56	6.49	8.42	14.91	0.77	1.11	1.11	2.22	1.00	0.79	0.92	1.71	0.86
6	7.77	10.78	18.55	0.72	9.26	10.43	19.69	0.88	1.20	1.32	2.52	0.91	1.50	1.34	2.84	1.12
7	5.79	13.90	19.69	0.42	7.34	8.02	15.36	0.91	0.64	0.77	1.41	0.83	0.87	0.81	1.68	1.07
8	6.83	8.14	14.97	0.83	4.86	4.93	9.79	0.98	1.08	1.19	2.27	0.91	0.88	0.94	1.82	0.94
9	6.08	6.10	12.18	1.00	11.34	17.45	28.79	0.65	0.85	0.65	1.50	1.31	0.26	0.26	0.52	1.00
10	-	-	-	-	-	-	-	-	1.13	1.19	2.32	0.95	1.48	1.57	3.05	0.94
11	8.69	15.82	24.51	0.55	2.73	2.73	5.46	1.00	0.41	0.39	0.80	1.05	0.43	0.46	0.89	0.93
12	1.13	2.62	3.75	0.43	2.38	10.05	12.43	0.24	1.17	1.17	2.34	1.00	0.38	0.42	0.80	0.90
13	10.18	16.24	26.42	0.62	8.26	4.94	13.20	1.67	1.22	1.28	2.50	0.95	1.27	0.81	2.08	1.57
14	4.66	4.71	9.37	0.98	5.45	4.64	10.09	1.16	0.62	0.71	1.33	0.87	0.86	0.80	1.66	1.08
15	4.20	5.28	9.48	0.79	6.65	7.43	14.08	0.89	0.52	0.54	1.06	0.96	0.99	1.08	2.07	0.92
16	3.44	3.66	7.10	0.96	9.47	7.59	17.06	1.23	0.36	0.39	0.75	0.92	1.61	1.44	3.05	1.12
17	8.62	11.09	19.71	0.78	10.47	7.86	18.33	1.34	0.99	1.26	2.25	0.79	1.46	1.12	2.58	1.30
18	18.62	16.37	34.99	1.13	8.09	9.21	17.30	0.88	1.37	1.18	2.55	1.16	1.12	1.18	2.30	0.95
19	12.14	7.06	19.20	1.72	12.24	13.07	25.32	0.93	0.64	0.91	1.55	0.70	1.77	1.76	3.53	1.00
20	6.92	8.51	15.43	0.81	5.99	6.43	12.42	0.94	1.22	1.25	2.47	0.98	0.86	0.95	1.81	0.90
21	2.83	4.25	7.08	0.66	1.45	2.45	3.90	0.59	0.64	1.51	2.15	0.42	0.35	0.40	0.75	0.86
22	6.33	7.25	13.58	0.88	5.58	7.51	13.09	0.74	1.06	1.02	2.08	1.04	0.95	0.85	1.80	1.12
23	7.53	14.28	21.81	0.53	4.54	6.51	11.05	0.71	0.72	0.83	1.55	0.87	0.95	1.01	1.96	0.94
24	8.80	10.91	19.71	0.81	6.86	7.66	14.52	0.89	0.98	0.87	1.85	1.13	1.07	1.18	2.25	0.91
25	-	-	-	-	6.70	7.77	14.47	0.86	0.85	0.96	1.81	0.88	0.95	1.17	2.12	0.81
26	4.92	5.26	10.18	0.93	8.52	10.60	19.12	0.81	0.66	0.79	1.45	0.84	1.19	1.27	2.46	0.94
27	13.24	11.95	25.19	1.11	12.16	13.16	25.32	0.92	1.72	1.72	3.44	1.00	1.56	1.73	3.29	0.90
28	2.89	3.07	5.96	0.93	3.02	5.55	8.57	0.35	0.45	0.48	0.93	0.94	0.44	0.75	1.19	0.59
29	10.15	12.88	23.03	0.79	10.46	11.47	21.93	0.91	1.90	1.79	3.69	1.06	1.51	1.51	3.02	1.00
30	-	-	-	-	-	-	-	-	1.96	2.71	4.67	0.72	1.31	2.11	3.42	0.62
31	6.21	6.97	13.18	0.90	-	-	-	-	0.86	0.92	1.78	0.93	0.83	0.78	1.61	1.06
Prom.	7.26	9.31	16.57	0.81	6.89	8.06	14.96	0.87	9.65	10.68	20.33	0.92	10.04	10.39	20.43	0.97

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
85	64	66	54	69	46	28	40	20	55.8	151	-12	163	1
56	71	78	44	26	12	22	16	14		151	+ 5	146	0*
64	60	58	48	42	38	40	38	28		+∞	-∞	-	3*
94	112	135	85	78	52	89	66	60	70.4	217	0	217	0
98	85	75	66	71	81	72	64	59		+∞	-∞	-	3*
-	-	-	-	-	-	65	51	40		+∞	+30	-	0*
66	78	75	58	52	28	30	32	32		+∞	-∞	-	3*
85	85	73	43	69	66	56	60	62	71.4	+∞	-92	-	1
-	-	-	-	-	20	28	38	36		+∞	-∞	-	3*
-	-	-	30	38	28	28	30	30		-	-	-	1*
51	40	+∞	+∞	81	66	71	56	62		+∞	-12	-	1*
9	5	7	16	18	18	16	22	16	31.2	94	-74	168	1
-	-	-	-	30	50	40	50	50		82	∞	-	3*
51	42	22	30	30	12	20	20	26	50.8	142	-41	183	1
24	35	30	24	21	20	20	25	19		45	- 5	50	2*
40	55	55	30	34	18	9	18	19	36.0	112	-23	135	1
58	58	54	49	62	57	+∞	+∞	50		∞	-94	-	1*
22	18	18	22	30	26	34	34	46	37.8	213	-23	236	1
-	-	-	-	-	-	-	-	-		75	-	-	2*
-	-	-	-	-	-	-	-	-		-	-	-	-
42	80	66	26	119	89	78	98	91		194	-56	250	2*
107	96	107	73	103	89	69	36	32	89.9	226	+20	206	0
-	-	-	-	-	38	20	22	22		+∞	-∞	-	3*
34	46	46	2	-	9	14	18	14		+∞	-∞	-	3*
-	-	-	-	-	-	-	-	-		-	-	-	-
30	-	-	-	-	-	-	-	-		94	-11	105	1*
22	22	12	-	-	-	-	-	-		-	-	-	*
18	24	-	-	-	-	-	-	-		123	-14	137	2*
26	28	28	-	-	-	-	-	-		60	-10	70	2*
-	-	-	-	22	22	34	42	38		+∞	-∞	-	3*
94	85	82	62	60	60	60	58	50	62.1	238	∞	-	1
65.2	62.4	62.8	46.1	54.5	43.0	42.3	39.3	36.8	56.2				

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	36	60	1.80	2.84	796	737	1533	1.08	0.74	-
42	52	73	4.58	5.35	1023	1039	2062	0.98	1.97	0.75
-	-	56	-	3.45	425	907	1332	0.47	-	0.19
75	80	117	6.10	6.24	681	916	1597	0.74	-	0.42
-	-	75	-	4.27	859	853	1712	1.01	1.38	0.65
-	-	-	-	-	740	614	1354	1.20	0.75	-
112	96	78	4.51	4.37	920	907	1827	1.01	0.43	0.19
119	94	78	7.11	4.73	733	1039	1772	0.70	-	0.37
-	-	-	-	-	368	681	1049	0.54	-	0.81
-	-	-	-	-	733	681	1414	1.07	0.99	0.29
36	36	30	0.96	0.89	429	968	1397	0.44	-	0.76
24	20	2	1.56	0.05	907	981	1888	0.92	1.19	0.40
-	-	-	-	-	610	570	1180	1.07	1.29	1.29
62	62	22	2.75	1.21	796	920	1716	0.86	-	0.64
-	5	62	0.18	4.28	670	796	1466	0.84	-	0.93
38	38	60	0.95	6.10	509	364	873	1.40	0.70	1.05
-	-	58	-	4.99	796	853	1649	0.93	-	-
7	2	16	0.17	1.23	570	368	938	1.55	0.99	-
-	-	-	-	-	670	796	1466	0.84	-	0.59
-	-	-	-	-	624	796	1420	0.78	-	-
78	94	85	6.75	2.12	1714	230	1944	7.45	1.60	-
73	71	96	4.92	5.76	603	798	1401	0.76	0.88	0.74
12	10	18	0.52	1.18	-	-	-	-	-	-
-	75	50	4.62	3.75	398	796	1194	0.50	1.38	-
-	-	-	-	-	614	853	1467	0.72	-	-
26	22	30	1.06	2.46	681	1186	1867	0.57	-	2.06
17	18	22	2.06	2.41	1224	1136	2360	1.08	1.52	2.25
38	54	20	1.67	0.79	1020	490	1510	2.08	1.07	-
22	26	26	3.20	2.62	981	1079	2060	0.91	1.00	1.02
-	-	-	-	-	1870	1469	3339	1.27	2.00	2.01
78	87	85	5.16	4.56	981	622	1603	1.58	1.57	0.58
49	49	53	3.03	3.29	798	815	1613	1.18	1.19	0.86

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	54.2	64.0	63.6	63.2	62.9	62.9	62.9	62.8	62.7	62.5	61.9	61.4	61.9	60.2	59.9
2	59.2	59.0	58.7	58.4	58.3	58.4	58.4	58.4	58.3	58.0	57.6	57.0	56.7	55.4	54.8
3	54.1	54.0	53.6	53.1	52.8	52.6	52.7	53.6	52.9	52.1	51.9	52.3	52.4	52.3	51.9
4	52.6	52.5	52.4	52.3	52.4	52.7	53.2	53.3	53.3	53.4	53.0	52.2	51.4	50.8	50.2
5	51.3	52.8	52.7	52.2	52.1	53.1	53.6	54.0	53.9	53.9	54.1	54.2	54.1	54.0	54.0
6	56.7	56.4	56.4	56.6	56.7	56.5	56.5	56.4	56.4	56.1	55.2	54.9	54.2	53.2	52.6
7	49.6	50.5	50.3	50.4	49.7	50.4	52.2	52.5	51.7	52.4	53.3	53.5	53.3	53.3	53.1
8	55.7	55.5	55.4	55.6	55.7	55.7	56.3	56.4	56.4	56.3	55.9	55.3	54.3	53.8	53.1
9	52.8	52.8	52.9	52.9	53.2	53.5	53.7	53.9	53.4	53.9	53.1	53.5	53.2	54.6	54.4
10	54.9	54.6	55.0	55.1	54.8	55.0	55.1	55.7	56.1	56.2	56.5	56.7	56.7	56.9	57.2
11	60.8	60.9	60.8	60.7	61.2	61.6	62.2	62.1	62.3	62.4	62.3	62.3	62.2	62.0	61.8
12	62.0	61.6	61.3	61.6	61.7	61.6	61.7	61.2	61.2	60.8	60.0	59.7	59.1	57.4	57.2
13	54.5	54.3	54.5	54.6	54.7	55.5	56.0	56.8	57.7	57.6	57.6	57.5	57.4	57.4	57.3
14	61.1	60.7	60.1	59.8	59.7	59.6	59.5	59.4	59.2	59.0	58.3	57.6	56.9	55.9	55.5
15	54.8	54.6	54.4	54.1	54.3	54.4	54.6	54.8	55.0	55.4	55.7	55.5	55.4	55.6	55.3
16	57.7	57.7	57.3	57.5	57.6	57.5	57.2	57.2	57.6	57.7	57.3	57.1	56.6	56.0	55.3
17	52.6	52.8	52.6	52.8	53.1	53.3	53.5	53.8	54.0	53.9	53.9	53.8	53.7	53.6	53.3
18	54.1	54.3	54.5	54.8	54.9	56.1	55.3	55.4	55.6	55.6	55.5	55.2	55.1	55.0	55.0
19	57.3	57.0	56.7	56.8	56.7	57.0	57.2	57.3	57.4	57.2	56.7	56.4	55.8	55.2	54.5
20	53.9	54.2	54.4	55.0	56.9	56.6	55.8	55.5	56.1	56.3	56.4	56.4	56.6	56.2	56.2
21	58.6	58.4	58.4	58.6	58.7	58.8	59.6	59.6	59.5	59.4	59.4	59.3	59.1	58.7	58.6
22	59.1	59.1	59.0	59.0	59.0	59.1	59.0	59.6	59.6	59.6	59.6	59.0	58.5	58.0	58.7
23	56.9	56.8	56.5	56.5	56.6	56.8	57.3	57.4	57.4	56.9	56.6	56.4	56.1	55.8	55.8
24	58.3	58.2	58.3	58.5	58.7	59.8	60.8	60.6	61.0	61.5	61.3	61.3	61.2	60.8	60.5
25	62.3	62.4	62.2	62.3	62.3	62.5	62.8	63.0	63.0	62.9	62.6	62.4	61.9	61.4	61.1
26	60.7	60.5	60.1	59.9	59.8	59.6	59.6	59.3	59.0	58.9	58.5	58.0	57.3	56.6	56.1
27	54.3	54.1	53.8	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.1	53.6	53.3	53.3
28	58.9	59.2	59.1	59.9	60.8	61.1	61.7	61.8	61.8	62.3	62.5	62.0	61.9	61.8	61.9
29	63.6	63.4	63.3	63.0	63.1	63.2	63.2	63.2	63.2	63.1	62.6	62.0	61.0	60.2	59.5
30	57.6	56.8	56.4	55.7	55.2	54.8	54.2	53.5	53.5	53.3	54.4	52.4	51.3	51.4	51.5
31	51.6	51.3	51.0	52.9	53.6	53.7	53.2	52.8	53.9	54.1	54.2	54.2	54.2	54.3	54.3
Prom	56.8	56.8	56.6	56.7	56.8	57.0	57.2	57.3	57.3	57.3	57.2	56.9	56.5	56.2	55.9

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	13.9	14.1	14.3	14.6	13.1	12.7	13.0	17.7	21.1	21.9	22.2	23.7	23.1	23.4	22.8
2	19.3	19.5	19.6	19.5	19.5	19.6	19.7	21.4	22.6	23.4	24.3	24.5	25.1	26.7	25.8
3	20.9	20.8	19.7	19.8	19.8	19.6	19.8	19.2	18.0	18.1	19.1	22.3	24.5	26.1	26.1
4	15.6	14.8	14.7	14.9	14.2	13.7	14.0	19.2	22.5	24.6	25.7	26.4	26.8	26.9	27.2
5	18.2	17.0	17.1	15.8	15.5	15.6	15.8	16.1	17.6	20.8	21.8	22.1	23.4	24.2	23.8
6	9.5	9.2	8.9	8.5	8.4	8.1	8.9	17.4	20.5	22.2	23.3	23.9	24.7	25.0	25.2
7	18.9	18.7	18.1	17.5	17.3	17.1	16.9	14.5	14.5	17.5	19.3	19.7	21.6	22.4	22.2
8	9.7	9.0	8.9	8.9	8.6	8.5	10.7	15.9	17.9	21.5	22.8	23.7	24.5	24.7	25.0
9	16.9	16.8	15.8	14.9	14.5	13.8	15.2	18.8	20.7	20.5	20.2	19.8	20.2	20.2	18.9
10	18.3	18.4	18.5	18.3	18.2	18.3	18.5	20.0	21.7	23.0	22.3	21.1	20.9	20.4	18.9
11	14.1	13.7	13.6	13.2	13.0	12.9	13.1	15.7	18.6	20.6	22.0	23.1	23.6	23.4	23.7
12	16.3	16.4	16.6	16.7	16.6	16.4	16.6	19.0	19.5	20.3	21.6	22.3	23.0	23.5	24.5
13	20.0	20.1	20.2	20.1	19.8	19.7	19.7	20.0	20.2	21.8	22.2	23.4	24.4	25.0	25.3
14	12.8	12.1	11.6	11.1	11.0	10.8	11.0	16.0	18.7	19.6	20.7	21.8	22.2	23.2	23.7
15	18.2	17.9	17.9	17.9	17.7	17.3	17.7	19.6	21.5	22.7	23.9	24.3	24.6	25.4	25.0
16	16.9	16.2	15.1	15.3	15.0	15.2	15.3	16.9	20.1	22.0	23.2	24.0	23.7	24.3	24.2
17	14.3	14.6	15.1	15.1	15.3	15.4	15.8	19.3	20.2	21.8	22.8	23.4	24.4	24.9	24.6
18	11.3	10.7	10.9	10.9	11.0	11.0	11.2	18.9	22.4	24.8	26.6	27.9	28.6	28.9	28.8
19	18.7	18.7	18.8	19.2	19.0	18.7	20.0	22.4	23.7	25.0	26.8	28.7	29.5	30.5	30.6
20	22.1	21.9	22.0	21.9	18.8	18.3	18.2	19.4	22.3	23.1	24.5	26.0	27.1	27.1	25.8
21	17.7	17.1	16.8	16.8	16.5	16.4	16.3	18.4	20.5	22.5	23.9	24.7	24.9	25.8	26.4
22	12.4	11.6	11.5	11.4	11.3	11.4	13.9	17.5	21.4	23.2	23.4	24.0	25.0	25.7	26.8
23	19.6	19.5	19.8	20.2	20.2	20.2	19.8	21.0	24.2	25.7	28.2	29.1	30.3	30.6	29.7
24	19.8	19.8	20.1	20.0	20.0	19.2	17.1	16.7	17.7	17.9	18.9	20.2	21.9	23.6	24.8
25	16.1	16.2	16.0	15.9	16.0	16.1	16.5	19.4	22.5	25.0	26.0	26.6	26.9	27.6	27.9
26	20.0	19.2	18.7	18.3	18.2	18.4	18.6	20.6	21.7	23.6	26.4	26.8	27.6	28.4	27.3
27	21.6	21.8	21.3	20.8	20.9	21.1	21.1	22.0	22.7	24.4	25.8	26.1	27.5	28.8	28.6
28	18.1	17.8	17.4	17.1	15.8	14.7	14.5	16.6	19.1	20.6	22.1	22.2	22.3	22.2	21.3
29	15.4	15.2	16.9	17.2	17.5	17.7	18.3	19.4	20.6	21.9	23.5	23.8	24.8	26.3	26.6
30	20.4	20.0	19.8	19.6	19.7	19.7	19.8	20.2	20.4	20.3	19.4	18.2	18.0	17.9	16.4
31	15.2	14.2	13.5	13.6	13.2	13.3	13.4	13.5	14.6	17.0	18.4	19.1	20.0	20.1	19.6
Prom	16.8	16.5	16.4	16.3	16.0	15.8	16.2	18.5	20.3	21.8	22.9	23.6	24.4	24.9	24.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.9	59.4	59.3	59.3	59.4	59.4	59.5	59.5	59.5	64.2	1	59.3	18,19	4.9	761.3 mm.	1015.0 mb.
54.4	54.0	53.9	53.8	54.1	54.2	53.9	53.9	54.1	59.3	0-1	53.9	22,23	5.4	56.4	1008.5
51.8	52.0	52.1	52.3	52.6	52.6	52.7	52.5	52.9	54.1	1	51.2	10-11	2.9	52.6	1003.4
49.2	48.7	49.2	49.6	50.3	49.9	50.8	51.4	51.8	53.4	10	48.7	17	4.7	51.6	1002.1
54.4	54.8	55.5	55.7	56.0	56.4	56.6	56.7	56.9	56.9	24	51.3	1	5.6	54.3	1005.7
52.3	51.6	51.0	50.9	50.8	50.7	50.3	49.9	49.9	56.7	4-5	49.9	24	6.8	53.8	1005.0
53.5	54.0	54.5	55.0	55.5	55.9	56.9	56.0	55.8	56.0	23	49.3	5-6	6.7	53.0	1004.0
52.8	52.6	52.7	52.6	52.8	52.8	52.8	52.8	52.8	56.4	8	52.1	17-18	4.3	54.4	1005.8
52.1	52.0	53.4	53.7	54.4	55.0	55.0	54.8	55.1	55.1	24	51.8	15-16	3.3	53.6	1004.8
57.8	58.3	59.0	59.4	59.9	60.0	60.5	60.6	60.8	60.8	24	54.3	4-5	6.5	57.2	1009.6
61.9	61.8	61.7	61.7	61.9	62.3	62.4	62.3	62.4	62.5	21-22	60.8	1	1.7	64.8	1015.7
56.6	56.3	55.8	55.5	55.8	56.8	55.4	55.1	54.9	62.4	0	54.9	24	7.5	58.8	1011.7
57.9	58.2	58.9	59.4	60.2	60.8	60.9	61.0	61.3	61.3	24	54.1	2-3	7.2	57.6	1010.1
55.2	55.0	55.0	55.0	55.0	55.3	55.3	55.5	55.3	61.3	0	54.8	19-20	6.5	57.4	1009.8
55.7	56.0	56.2	56.3	57.0	57.4	57.4	57.5	57.7	57.7	24	54.1	4	3.6	55.6	1007.4
54.9	54.4	54.0	53.3	53.4	53.2	53.1	53.4	53.4	57.8	1-2	53.0	19-20	4.8	55.8	1007.7
53.3	53.6	53.8	53.8	54.0	54.0	53.9	54.0	54.0	54.1	23-24	52.4	3-4	1.7	53.5	1004.6
55.1	55.3	55.4	55.8	56.6	57.3	57.4	57.6	57.4	57.7	23-24	54.0	0	3.7	55.6	1007.4
54.1	54.1	54.2	54.0	54.0	54.4	54.4	53.7	53.7	57.4	9	53.1	23-24	4.3	55.6	1007.4
56.2	56.6	56.7	56.9	57.0	57.4	57.7	58.3	58.5	58.8	4-5	53.8	0-1	5.0	56.3	1008.4
58.4	58.4	58.5	58.6	59.0	59.2	59.3	59.4	59.3	59.7	7-8	58.3	2-3	1.4	59.0	1012.0
57.4	57.3	57.2	57.2	57.4	57.5	57.3	57.5	57.2	59.7	8-9	57.0	23-24	2.7	58.4	1011.2
55.9	55.9	55.9	56.7	58.0	57.1	56.8	58.3	58.3	58.3	24	55.8	17-18	2.5	56.8	1009.0
60.5	60.5	60.6	61.2	61.6	62.0	62.1	62.2	62.2	62.2	23,24	58.0	1-2	4.2	60.6	1014.1
60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.0	60.9	63.1	9-10	60.8	17-18	2.3	61.8	1015.7
55.3	54.9	54.7	54.6	54.6	54.5	54.5	54.6	54.5	60.9	0	54.5	24	6.4	57.3	1009.7
53.4	53.6	54.3	54.8	55.7	56.4	57.3	57.7	58.1	58.1	24	53.3	14-15	4.8	54.6	1006.1
62.0	62.8	62.8	62.8	63.4	63.7	63.7	64.3	64.4	64.4	24	58.1	0	6.3	61.9	1015.8
58.9	58.5	58.6	58.7	58.8	58.8	58.6	58.3	57.7	64.4	0	57.7	24	6.7	61.0	1014.6
51.6	51.4	51.0	51.2	51.6	52.1	51.3	51.2	51.4	57.7	0	50.5	18-19	7.2	53.1	1004.1
54.3	54.5	55.1	55.1	56.6	57.1	57.6	57.9	58.1	58.1	24	51.0	3	7.1	54.4	1005.8
55.7	55.7	55.9	56.0	56.4	56.6	56.7	56.8	56.8	59.0		54.2		4.8	56.6	1008.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
21.4	21.1	20.5	20.2	19.8	18.9	18.2	18.2	18.7	23.8	13-14	12.6	6-7	11.2	18.7
25.4	24.9	23.1	21.9	21.4	21.4	21.5	21.3	21.0	27.0	14-15	18.7	0	8.3	22.2
26.0	25.5	23.5	21.6	18.9	17.5	16.7	16.2	15.8	26.3	15-16	15.8	24	10.5	20.6
26.9	25.0	23.3	21.4	19.8	18.4	18.5	18.5	18.3	27.3	14-15	13.5	6-7	13.8	20.5
23.2	22.1	20.1	17.7	15.1	13.3	11.9	11.0	9.8	24.2	14	9.8	24	14.4	17.9
24.9	23.7	22.4	20.7	19.2	18.7	20.2	20.2	20.2	25.2	15	8.1	6	17.1	18.1
21.9	21.1	19.0	16.8	14.7	12.5	11.7	10.9	10.7	22.2	15	10.7	24	11.5	17.3
24.9	24.0	21.7	19.5	19.0	18.3	18.8	18.6	17.8	25.2	15-16	8.4	6-7	16.8	17.6
18.5	18.5	18.4	18.1	18.0	18.1	18.1	18.1	18.2	20.3	13-14	13.7	6-7	6.6	18.0
17.5	17.4	16.8	16.3	16.4	15.8	15.6	15.0	14.5	23.0	10	14.5	24	8.5	18.4
22.7	21.9	19.9	18.0	16.0	16.1	15.4	15.5	15.4	24.0	13-14	12.8	6-7	11.2	17.7
24.2	23.5	22.4	21.7	21.4	20.9	20.6	20.6	20.1	24.5	15	16.3	1	8.2	20.2
24.0	22.8	21.0	19.0	17.8	16.1	15.2	14.3	13.7	25.3	14	13.7	24	11.6	20.2
23.4	23.1	22.1	20.4	19.3	18.7	18.3	18.3	18.4	25.4	14-15	10.8	6	14.6	17.8
23.7	22.5	21.4	19.6	18.4	18.0	17.7	17.9	17.9	25.4	15	17.3	6	8.1	20.4
24.2	23.6	21.7	18.8	17.5	16.9	16.3	16.0	15.4	24.3	14	15.0	5	9.3	19.1
24.2	24.1	21.6	12.7	14.9	13.2	12.6	11.8	12.0	24.9	14	12.0	24	12.9	18.1
29.6	29.4	26.5	23.1	21.0	20.0	19.1	18.5	18.4	29.7	15-16	11.0	6	18.7	20.4
30.5	29.4	27.4	25.5	24.2	22.9	22.6	22.2	22.0	30.6	15	18.7	6	11.9	24.0
25.5	24.7	23.6	21.7	20.3	19.7	19.2	18.4	18.2	27.1	13	18.1	7-8	9.0	22.1
25.6	24.8	21.6	18.4	16.2	14.6	14.2	13.5	12.9	26.4	15	12.9	24	13.5	19.4
25.4	25.3	23.1	20.9	20.0	19.4	19.1	18.9	19.3	26.8	15	11.3	5	15.5	19.2
29.9	28.0	26.8	24.7	22.9	22.1	21.2	21.2	19.7	31.2	14-15	19.7	6-7	11.5	23.9
25.1	25.1	23.2	21.0	19.9	18.4	17.5	16.9	16.6	25.1	17	16.5	7-8	8.6	20.0
27.6	26.8	24.1	22.7	21.6	21.1	20.8	20.7	20.6	27.9	15	15.9	4	12.0	21.7
27.3	27.2	25.8	24.2	23.8	23.7	23.1	22.6	22.3	28.4	14	16.0	5	12.4	23.1
28.4	28.1	26.0	24.6	23.0	22.5	21.6	20.9	19.8	28.9	14-15	19.8	24	9.1	23.7
20.5	19.8	18.7	17.8	17.2	16.8	16.3	15.2	16.0	22.3	13	14.5	7	7.8	18.4
26.7	26.0	24.1	22.4	21.9	21.7	21.7	21.4	21.2	26.7	16	15.2	2	11.5	21.3
16.2	16.1	16.2	16.1	16.1	15.9	15.8	15.4	15.3	20.4	9	15.3	24	5.1	18.0
18.0	16.4	14.1	11.6	10.8	8.6	7.8	7.6	7.0	20.1	14	7.0	24	13.1	14.2
24.3	23.6	21.9	20.0	18.9	18.1	17.6	17.3	17.0	25.5		14.1		11.4	19.7

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	79	80	82	89	89	90	89	71	63	59	53	48	44	50	[illegible]
2	86	80	77	78	80	81	83	77	70	69	70	64	62	56	[illegible]
3	91	91	97	97	96	97	97	96	93	96	93	83	72	56	[illegible]
4	96	97	98	98	95	96	98	88	58	50	40	36	40	46	[illegible]
5	91	81	82	96	97	96	96	94	83	63	60	58	46	33	27
6	97	96	98	99	98	98	98	62	61	48	46	45	40	36	37
7	89	90	93	95	94	96	86	92	91	92	74	64	59	54	[illegible]
8	86	89	89	88	88	88	79	62	47	35	29	31	32	34	[illegible]
9	67	68	71	74	76	79	75	63	56	59	64	72	70	74	93
10	92	92	91	91	94	94	94	92	80	72	75	87	88	87	97
11	95	96	97	97	97	96	96	80	69	65	60	49	42	61	60
12	84	80	82	82	83	91	92	84	80	77	73	73	71	69	[illegible]
13	94	95	96	96	95	95	95	96	95	84	79	74	70	68	[illegible]
14	90	92	92	93	93	93	93	81	63	60	57	50	48	50	54
15	95	95	94	94	94	94	95	92	79	72	68	63	62	54	53
16	92	94	93	91	91	88	85	77	69	63	59	58	61	60	55
17	98	98	96	96	96	95	95	86	82	76	63	53	46	46	43
18	91	96	97	97	96	95	94	73	65	65	64	52	47	43	44
19	81	89	94	79	91	89	83	81	69	64	63	59	58	54	52
20	91	92	91	87	91	91	91	90	72	68	63	60	57	60	66
21	83	88	92	91	89	89	89	73	51	45	42	48	45	46	40
22	96	95	94	94	93	92	92	90	60	45	42	39	34	35	35
23	79	79	79	75	80	81	87	83	75	69	64	60	54	54	64
24	95	83	83	89	92	86	90	90	90	90	84	80	74	66	60
25	89	89	90	91	92	93	94	90	80	71	71	72	74	68	65
26	82	84	91	93	96	97	98	89	82	70	64	63	63	59	63
27	94	94	94	94	93	93	93	91	84	73	69	68	63	60	61
28	70	64	63	69	81	87	89	75	63	48	46	46	55	58	61
29	82	85	73	78	88	88	89	84	75	73	71	72	70	68	66
30	84	86	88	90	90	90	89	89	90	95	96	97	97	98	98
31	92	93	92	89	90	87	79	83	80	53	46	38	32	32	32
Prom.	88	88	89	89	91	91	90	83	73	67	63	60	57	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	9.0	9.0	10.0	10.5	9.5	9.5	9.5	10.8	11.5	11.0	10.5	10.0	9.0	10.8	10.5
2	13.0	13.0	13.0	13.0	13.0	14.0	14.0	14.6	14.5	14.5	15.0	14.0	14.5	14.3	15.5
3	17.0	17.0	16.5	16.5	16.5	16.5	16.5	15.9	14.0	15.0	15.0	16.5	16.5	14.0	13.0
4	12.5	12.0	12.0	12.0	11.0	11.0	11.5	14.6	11.5	11.0	9.0	9.5	9.5	12.3	10.0
5	14.0	11.5	12.0	13.0	12.5	12.5	13.0	12.7	12.0	11.0	11.0	11.0	10.0	7.3	6.0
6	8.5	8.5	8.0	8.0	7.8	7.8	8.0	9.1	11.0	9.5	10.0	9.0	8.5	8.5	9.0
7	14.0	14.0	14.0	13.5	13.5	14.0	12.5	11.3	11.0	13.5	12.0	10.5	11.0	10.8	8.5
8	7.8	7.4	7.4	7.4	7.2	7.2	7.4	8.5	7.2	6.4	5.6	7.0	7.4	7.8	7.6
9	9.5	9.5	9.5	9.0	9.5	9.0	9.0	10.3	10.5	10.0	11.0	12.0	11.5	13.1	15.0
10	14.5	14.5	14.5	14.5	14.0	14.5	14.5	16.1	15.0	15.0	14.5	16.5	16.0	15.5	15.5
11	11.0	11.0	11.0	11.0	10.5	10.5	10.5	10.7	10.5	11.0	11.0	10.0	9.0	13.2	12.0
12	11.0	10.5	11.5	11.5	12.0	12.5	13.0	13.8	13.0	13.5	13.5	14.5	15.0	14.9	14.0
13	16.0	16.0	17.0	17.0	15.5	15.5	15.5	16.7	16.0	16.0	15.5	15.5	15.0	16.0	16.0
14	9.5	9.5	9.0	9.0	9.0	8.5	9.0	11.0	10.0	9.5	10.0	9.0	9.5	11.4	11.5
15	14.0	14.0	14.0	14.0	14.0	13.5	14.0	15.6	14.5	14.5	14.0	14.0	12.5	12.7	12.0
16	13.0	12.5	11.5	12.0	11.5	11.0	10.5	11.1	11.0	11.5	12.0	12.0	12.5	13.4	13.0
17	11.5	12.0	12.5	12.5	12.5	12.0	12.0	14.2	14.5	15.0	13.0	11.0	10.5	11.0	9.5
18	9.0	9.0	9.0	9.0	9.5	9.0	9.0	11.9	12.5	14.5	16.0	14.5	13.5	12.0	12.5
19	13.0	14.0	14.5	12.5	15.0	14.0	14.0	16.3	14.5	14.5	16.0	17.0	17.5	17.4	17.0
20	18.0	18.0	18.0	17.0	15.0	14.5	14.0	15.2	14.5	14.0	14.5	14.5	15.0	16.0	16.5
21	12.5	12.5	13.0	13.0	12.0	12.0	12.0	11.7	9.5	8.5	9.0	11.0	10.0	11.0	9.5
22	10.5	9.0	9.0	9.0	9.0	9.0	10.5	13.4	10.5	9.0	9.0	8.0	7.6	8.8	8.5
23	13.0	13.0	13.0	12.5	13.5	14.5	15.0	15.4	16.0	16.5	17.5	17.0	17.0	17.5	19.0
24	15.5	14.0	14.5	15.0	16.0	14.5	12.5	12.6	13.0	13.0	13.0	13.5	14.0	14.5	14.5
25	11.5	12.0	11.5	12.0	12.5	12.5	13.0	15.2	15.5	17.0	18.0	18.5	19.0	18.6	17.5
26	14.5	13.5	14.5	14.5	15.0	15.0	14.5	15.8	16.0	15.5	16.0	16.0	17.0	17.0	16.5
27	17.5	18.0	17.0	16.5	16.5	17.0	17.0	17.7	16.5	16.5	16.5	17.0	17.0	17.7	18.0
28	10.5	9.5	9.0	9.5	11.0	10.5	10.5	10.6	10.0	8.5	9.0	9.5	10.5	11.6	11.5
29	10.5	10.5	10.0	11.0	13.0	13.0	13.5	14.2	13.0	14.0	15.5	15.5	15.5	16.4	17.5
30	14.5	15.0	15.0	14.5	15.0	15.0	15.0	15.6	15.5	16.0	16.0	15.0	15.0	12.8	13.5
31	11.5	11.0	10.5	10.0	9.5	9.5	8.5	9.6	9.5	7.6	7.4	6.2	5.6	5.7	5.6
Prom.	12.5	12.3	12.3	12.3	12.3	12.2	12.2	13.3	12.7	12.7	12.8	12.7	12.6	13.0	12.8

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl	Prom.
10.0	10.5	11.0	11.0	11.5	11.5	12.0	12.0	14.0	14.0	24	9.0	1,2,13	5.0	10.6
15.0	14.5	14.0	14.0	15.5	16.5	16.5	16.5	17.0	17.0	24	13.0	1-5	4.0	14.6
13.0	12.5	12.0	14.0	14.3	13.5	13.0	13.0	13.0	17.0	1,2	12.0	18	5.0	14.8
12.5	12.0	14.0	14.5	14.3	14.5	14.5	14.5	14.5	14.6	8	9.0	11	5.6	12.3
5.8	6.4	7.4	8.5	9.6	9.0	9.0	9.0	8.5	14.0	1	5.8	16	8.2	10.1
9.0	9.0	9.5	11.0	12.2	13.0	13.5	13.5	13.5	13.5	22,23,24	7.8	5,6	5.7	9.8
8.0	7.0	7.0	7.4	8.2	7.8	8.0	8.5	7.8	14.0	1,2,3,6	7.0	17,18	7.0	10.6
7.6	9.5	9.0	9.5	9.3	9.0	10.0	9.0	9.5	10.0	22	5.6	11	4.4	8.0
13.5	14.5	13.5	14.0	13.5	13.5	12.5	12.5	13.5	15.0	15	9.0	4,6,7	6.0	11.6
13.5	12.0	12.0	12.0	11.8	12.0	12.0	12.0	11.0	16.1	8	11.0	24	5.1	13.9
12.5	11.0	9.0	9.5	11.0	10.5	11.0	11.5	10.5	13.2	14	9.0	13,18	4.2	10.8
15.0	14.5	14.5	15.5	15.6	17.0	16.5	16.5	16.0	17.0	21	10.5	2	6.5	14.0
16.0	16.0	14.0	11.5	10.7	10.5	10.5	10.0	10.0	17.0	3,4	10.5	21,22	6.5	14.5
12.0	12.0	14.0	14.5	12.6	13.0	13.0	14.5	14.5	14.5	19,23,24	8.5	6	6.0	11.1
13.5	13.5	12.5	13.0	13.6	13.5	13.5	14.0	14.0	15.6	8	12.0	15	3.6	13.7
11.5	11.5	11.0	12.5	12.6	12.5	12.5	12.5	12.0	13.4	14	10.5	7	2.9	12.0
8.5	9.5	10.0	7.4	10.9	10.5	10.0	10.0	9.0	15.0	10	7.4	19	7.6	11.2
11.5	13.0	13.5	14.0	14.5	13.5	12.5	13.0	12.0	16.0	11	9.0	1,2,3,4,6,7	7.0	12.0
17.0	19.0	18.0	17.5	16.5	16.0	16.5	17.0	17.0	19.0	17	12.5	4	6.5	15.9
16.0	15.5	15.5	16.5	15.7	15.5	15.5	13.0	13.5	18.0	1,2,3	13.0	23	5.0	15.5
11.5	11.0	12.0	12.0	12.0	11.5	11.5	10.5	10.5	13.0	3,4	8.5	10	4.5	11.2
10.0	11.0	13.0	12.0	13.2	13.5	14.0	14.0	13.5	14.0	22,23	7.6	13	6.4	10.6
18.0	19.0	19.0	20.0	15.1	15.0	16.0	15.5	15.5	20.0	19	12.5	4	7.5	16.0
12.5	12.5	12.0	13.5	12.8	11.0	11.5	11.5	12.0	16.0	5	11.0	21	5.0	13.3
17.0	17.5	17.0	18.0	17.4	17.0	16.5	17.5	17.5	19.0	13	11.5	1,3	7.5	15.8
16.5	18.0	19.0	18.5	18.6	19.0	19.5	18.5	18.5	19.5	22	13.5	2	6.0	16.6
18.0	17.5	19.0	19.0	18.4	18.5	18.5	18.0	14.0	19.0	18,19	16.5	5,6,9,10	2.5	17.4
11.0	11.5	10.5	11.0	10.5	10.0	10.0	10.0	10.5	11.6	14	8.5	10	3.1	10.3
16.0	15.5	15.0	15.5	15.7	15.0	16.0	16.0	15.5	17.5	15	10.0	3	7.5	14.3
13.0	13.0	13.0	13.0	13.4	12.5	12.0	12.0	12.0	16.0	10,11	12.0	22,23,24	4.0	14.0
5.0	5.8	5.6	5.8	6.8	5.6	5.6	5.6	5.8	11.5	1	5.0	16	6.5	7.5
12.6	12.7	12.8	13.1	13.2	12.9	13.0	13.0	12.8	15.5		10.0		5.5	12.7

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	3	SE	3	SE	3	SE	5	SE	4	SE	5	SE	6	SE	9	E	13	E	17	E	18	E	16	E	17	E	[illegible]
2	E	7	E	9	E	8	NE	8	E	7	E	4	E	6	NE	13	NE	18	NE	17	NE	15	NE	15	NE	17	NE	17	NE	[illegible]
3	NE	9	NE	10	NE	9	NE	6	NE	7	NE	7	NE	6	NE	9	SW	6	NE	6	SW	5	W	4	SW	8	SW	15	S	[illegible]
4	W	3	SW	4	SW	3	SW	3	Calma	1	Calma	0	Calma	0	Calma	0	NE	2	NW	5	NW	6	NW	8	N	12	NE	17	NE	[illegible]
5	SE	5	SW	17	SW	19	SW	10	E	4	SE	4	SW	4	S	3	S	3	S	8	S	12	S	10	S	15	S	13	S	[illegible]
6	Calma	1	Calma	1	Calma	0	Calma	1	Calma	1	Calma	1	E	2	NE	7	NE	14	N	20	NE	18	N	19	N	16	NW	16	NW	[illegible]
7	N	8	NW	6	Calma	1	SW	5	SE	3	NE	3	SW	15	SE	19	SE	12	SE	5	SE	8	SW	3	SW	10	SW	14	SW	[illegible]
8	W	5	W	5	W	5	W	6	W	2	W	4	NW	5	NW	8	NW	12	NW	18	NW	20	NW	23	NW	23	NW	25	NW	22
9	N	12	N	12	N	12	N	11	N	9	NE	7	NE	7	NE	11	NE	14	NE	13	NE	6	NE	7	NE	9	NE	7	S	[illegible]
10	SE	6	SE	5	SE	3	SE	5	SE	6	SE	5	E	4	NE	7	SW	7	SW	11	SE	10	S	9	S	12	SE	9	SE	[illegible]
11	SE	5	SE	5	SE	4	SE	4	SE	5	SE	4	SE	5	SE	9	SE	9	SE	10	SE	10	E	10	E	10	NE	13	NE	15
12	NE	8	NE	11	NE	8	NE	7	NE	7	E	4	SE	4	E	7	NE	14	NE	13	NE	13	E	11	NE	12	NE	12	NE	[illegible]
13	SE	2	Calma	1	Calma	1	S	9	SW	6	W	3	Calma	1	S	7	S	4	SE	6	SE	10	SE	15	SE	12	SE	12	SE	12
14	SE	5	SE	5	SE	5	SE	4	SE	6	SE	4	SE	5	NE	3	NE	16	NE	15	NE	13	NE	11	NE	10	NE	12	NE	10
15	E	3	SE	4	E	2	SE	3	SE	4	SE	3	SE	3	SE	5	SE	6	SE	9	SE	[illegible]	E	9	SE	11	SE	7	SE	[illegible]
16	SE	4	SE	5	SE	5	SE	6	SE	5	SE	6	SE	5	SE	5	SE	8	E	5	E	5	NE	7	NE	8	NE	10	N	[illegible]
17	NW	7	NW	7	W	11	W	12	W	9	W	10	W	10	W	15	SW	14	SW	12	S	11	SE	8	SE	7	SE	5	SE	7
18	S	2	Calma	1	W	4	S	2	Calma	0	Calma	1	Calma	1	NE	5	E	6	NW	9	W	7	SW	8	SE	9	SW	6	SW	6
19	E	4	E	4	SE	5	E	6	E	6	E	6	E	8	E	14	NE	17	NE	16	NE	12	N	11	N	17	N	21	NW	10
20	NW	12	NW	8	NW	9	NW	11	SE	9	SE	9	E	8	E	15	NE	12	NE	16	N	13	NW	5	S	4	S	5	S	[illegible]
21	E	6	SE	4	SE	5	SE	4	SE	6	SE	5	SE	5	SE	7	E	10	E	7	NE	8	NE	7	E	3	SE	4	E	4
22	SE	2	SE	3	Calma	0	SE	2	SE	2	SE	3	SE	5	E	2	NE	9	NE	12	NE	14	NE	14	NE	9	NE	7	NE	8
23	NE	7	NE	5	NE	6	N	–	N	–	N	–	N	–	N	–	N	12	NW	9	W	8	W	4	SW	5	S	2	NE	6
24	E	4	NE		NE	10	NE	4	E	2	SE	6	SE	11	SE	10	E	5	S	4	S	[illegible]	E	4	SE	7	SE	4	SE	5
25	SE	4	SE	4	SE	4	SE	5	SE	3	SE	4	SE	4	SE	6	SE	4	NE	5	NE	10	NE	10	NE	10	NE	9	NE	10
26	N	9	N	11	N	8	N	7	NE	6	NE	8	NE	8	NE	12	NE	14	NE	13	NE	10	NE	9	NE	12	NE	12	NE	14
27	N	14	NW	12	N	6	N	5	N	9	N	7	N	4	N	6	W	8	W	5	W	7	W	5	SW	6	SW	5	SW	6
28	SE	11	SE	10	SE	11	SE	10	SE	8	SE	7	SE	5	SE	7	SE	13	E	11	E	10	E	9	E	9	E	11	E	11
29	SE	2	E	7	NE	9	NE	10	NE	13	NE	9	NE	7	NE	13	NE	18	NE	19	N	18	N	16	N	14	N	13	NE	14
30	N	18	N	19	N	17	N	19	N	18	N	15	N	17	N	22	NW	20	NW	8	S	6	S	9	SE	8	S	6	S	12
31	SW	11	SW	9	S	8	SW	8	SW	14	SW	10	SW	11	SW	12	SW	11	SW	13	SW	15	SW	13	SW	15	SW	18	SW	16
DIRECCIÓN PREVALENTE	SE		SE		SE		SE		SE		SE		SE		SE-NE		NE		NE		NE		NE		NE		NE		NE	
NÚMERO DE HORAS	11		10		9		10		12		13		11		9		11		11		10		8		8		10		10	
PROM. HOR. DE LA VELOCIDAD		6		7		6		6		6		5		6		9		10		11		10		10		11		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	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	13	E	12	E	10	E	14	E	11	SE	6	SE	5	SE	5	E	5	SE E	12	9	27	E	11.13
NE	15	E	14	E	14	E	11	E	9	E	8	E	8	NE	9	NE	9	NE E	12	11	22	NE	12.38
S	10	S	13	S	11	S	5	Calma	1	Calma	0	Calma	1	Calma	1	SW	4	N	9	7	25	S	14.02
NE	16	NE	17	NE	11	E	4	E	5	E	4	NE	3	SE	6	SE	3	N	7	6	20	NE	13.12 16.10
S	14	S	14	S	8	S	6	S	4	S	2	Calma	1	Calma	0	Calma	1	S	14	8	33	SW	1.42
N	18	N	17	N	10	NE	7	NE	6	NE	5	NE	12	NE	13	NE	8	NE	9	10	23	N	9.52
SW	18	SW	18	SW	15	SW	7	SW	5	SW	6	SW	5	W	5	SW	6	SW	14	9	42	S	7.16
N	21	N	18	N	12	N	11	N	12	N	11	N	15	N	16	N	15	N NW	9	13	30	NW	14.04
E	7	E	8	SE	4	Calma	1	S	6	SE	6	SE	4	SE	5	SE	5	NE	9	8	16	N	7.52 8.43
SE	14	SE	15	SE	15	SE	13	SE	12	SE	8	SE	4	SE	5	SE	6	SE	18	8	25	SE	16.01
NE	12	NE	13	E	10	E	8	E	6	E	8	E	4	E	7	NE	10	SE	11	8	21	NE	13.59
NE	9	NE	8	NE	13	NE	10	E	8	SE	2	E	4	SE	2	SE	2	NE	15	8	15	NE	9.04
E	12	SE	9	E	11	SE	11	E	11	E	9	E	7	SE	6	SE	5	SE	11	8	19	SE	15.17
NE	8	NE	4	E	4	E	3	E	4	E	4	E	3	E	4	E	2	N	10	7	17	NE	9.25
SE	9	SE	6	SE	3	SE	3	Calma	0	Calma	1	SE	3	SE	7	SE	5	SE	19	5	14	E	11.27
NE	8	NE	8	NE	6	NE	6	N	8	N	8	N	8	NW	6	W	5	SE	9	6	10	NE	11.50 13.27
SE	7	SE	4	SE	3	Calma	0	Calma	0	Calma	0	Calma	1	Calma	1	W	5	W SE	7	7	21	SW	9.22
W	5	SW	3	S	3	S	2	Calma	1	SE	3	E	3	SE	3	E	4	Calma SW	5	4	12	S	12.13
NW	16	N	15	N	12	N	11	N	13	N	10	NW	11	N	11	N	12	N	10	12	25	NW	12.52
SE	7	SE	5	SE	4	SE	2	SE	2	E	4	E	6	E	3	E	3	SE	7	8	29	SE	4.38
NE	6	E	6	Calma	1	N	2	Calma	1	Calma	1	Calma	0	SE	3	Calma	1	SE	9	4	14	E	8.48
N	7	NE	8	NE	5	NE	6	NE	8	E	7	NE	5	NE	6	NE	6	NE	14	6	28	NE	11.09
N	4	N	8	N	6	NE	2	SE	6	SE	3	NW	6	SE	3	Calma	1	NE	5	4	37	S	19.58
SE	4	SE	5	SE	2	NE	3	E	6	E	6	E	5	SE	4	SE	4	SE	11	5	23	SE	6.56
NE	12	NE	9	NE	7	NE	6	NE	7	NE	8	NE	8	NE	8	NE	6	NE	15	7	15	N	15.25
NE	12	NE	12	NE	6	NE	9	N	8	N	9	N	8	N	10	N	12	NE	15	10	19	N	7.43 14.14
SW	8	S	5	S	3	S	3	S	3	SE	3	SE	4	SE	5	SE	8	N	7	6	14	N	0.03 0.05 0.26
E	11	E	10	E	7	E	7	E	9	E	7	E	7	E	5	E	4	E	15	9	18	E	9.04
NE	17	NE	14	NE	12	N	9	N	10	N	11	N	17	[illegible]	19	N	19	NE	12	13	24	N	9.18
S	10	S	8	S	9	S	14	S	13	S	10	S	12	S	8	S	7	S	13	13	31	N	8.14
SW	14	SW	11	SW	8	SW	6	SW	6	SW	6	SW	7	SW	8	SW	7	SW	23	11	25	SW	13.10
NE		NE		NE		NE		NE		NE		NE		SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		32 Km.		
10		9		7		8		9		9		9		12		8		NE	159	8	DIRECCIÓN	DÍA	HORA
	11		10		8		6		6		6		6		6		6				NW	8	de 13.45 a 14.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCION

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					12	164	12	59										223
2			12	170	12	105												275
3			9	69					5	50	5	38	1	4			4	264
4	1	12	7	79	3	13	2	9			3	10	1	3	3	19	4	146
5					1	4	2	9	14	129	4	50					3	196
6	6	100	9	90	1	2									2	33	6	230
7	1	8	1	3			5	47			14	145	1	5	1	6	1	215
8	9	131											6	27	9	156		314
9	5	56	9	81	2	15	5	24	2	8							1	185
10			1	7	1	4	18	152	2	21	2	18						202
11			5	63	8	63	11	70										196
12	15	156	5	34	4	11												201
13					5	50	11	100	3	20	1	6	1	3			3	182
14			[illegible]	[illegible]	[illegible]	24	7	34										160
15						14	19	107									2	122
16	4	32			[illegible]	10	9	49					1	5	1	6		155
17							7	42	1	11	2	26	7	72	2	14	5	167
18	1	6	1	5	2	7	2	6	4	9	5	32	3	16	1	9	5	94
19	10	133	3	45	7	48	1	5							3	45		276
20	1	13	2	28	6	39	7	38	3	18					5	45		181
21	1	2	3	21	6	36	9	43									5	106
22	1	7	14	117	2	9	6	17									1	150
23	4	30	5	26			3	12	1	2	1	5	2	12	2	15	1	103
24			4	25	7	32	11	62	2	7								126
25			15	125			9	38										163
26	9	82	15	157														239
27	7	51					4	20	4	14	4	25	4	25	1	12		147
28					15	128	9	82										210
29	10	146	12	155	1	7	1	2										310
30	8	145					1	8	13	124					2	28		305
31									1	8	23	249						257
SUMAS	78	954	159	1577	108	808	175	1046	55	421	64	604	27	172	32	388	41	5998
% PREVAL POR VELOCIDAD	15.9		26.3		13.5		17.4		7.0		10.0		2.9		6.5		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		10		7		6		8		9		6		12		0.7	146

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	3	5	11	1	1	2	2	1
1 - 2	3	4	3	10		3	1	4	3
2 - 3	4	5	2	9	1	2	3	1	4
3 - 4	4	5	1	10	2	4	2	1	1
4 - 5	3	4	4	12		2	2		3
5 - 6	2	5	3	13		1	3		3
6 - 7	2	4	5	11		3	1	1	3
7 - 8	2	9	4	9	2	1	1	1	1
8 - 9	2	11	2	7	2	4	1	2	
9 - 10	1	11	4	4	2	3	1	5	
10 - 11	2	10	3	5	4	2	3	2	
11 - 12	3	8	6	2	3	3	3	3	
12 - 13	4	8	4	5	3	6		1	
13 - 14	2	10	2	6	4	5		2	
14 - 15	1	10	3	5	5	4		3	
15 - 16	4	10	4	5	3	3	1	1	
16 - 17	4	9	5	6	4	3			
17 - 18	4	7	6	6	5	2			1
18 - 19	4	8	6	4	5	2			2
19 - 20	5	3	9	3	4	2			5
20 - 21	5	2	9	7	2	2			4
21 - 22	4	4	9	5	1	2		2	4
22 - 23	4	4	4	12	1	1	1	1	3
23 - 24	4	5	5	8	1	3	2		3
SUMAS	78	159	108	175	55	64	27	32	41
% de frec. por dirección	10.6	21.6	14.6	23.6	7.5	8.7	3.6	4.3	5.5

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	Cu	1	Cu	4	Cu 5 Ac 1	6	Sc	8	Sc	4	98	98	99
2	Sc	1	Cu	5	Cu	6	Sc	2	Sc	7	9	9	9
3	Ns	8	St	8	Cu 1 Ci 1	2	Cu	1	Claro	0	6	9	9
4	Ci	3	Claro	0	Claro	0	Cc	1	Ci	1	8	9	9
5	St	7	Cu 2 Ci 1	3	Ci	1	Claro	0	Claro	0	8	9	9
6	Claro	0	Claro	0	Claro	0	Ac	7	Claro	0	8	9	9
7	Fs	8	Sc 5 Ac 1	6	Cu	3	Claro	0	Claro	0	9	9	9
8	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	9
9	Ci	1	Sc	8	Ns	8	Sc	8	Sc	7	9	7	9
10	Ac	7	St 6 Fs 2	8	St	8	Sc	8	Ac	7	4	8	9
11	Claro	0	Cu	1	Cu	2	Ci	1	Claro	0	8	8	7
12	Fs 6 Ac	7	Ac	7	Ac	8	Sc	8	Sc	8	8	8	8
13	St	8	Sc	7	Cu 6 Ac 1	7	Cu	6	Sc	8	7	9	9
14	Claro	0	Ci	5	Ci	8	Ac	5	Ac	7	5	8	6
15	Ac	7	As	8	Ac	6	St	8	Ac	7	7	6	8
16	Claro	0	Cu	3	Cu	3	Claro	0	Claro	0	8	7	8
17	Claro	0	Cs	7	Ci	1	Claro	0	Claro	0	8	9	9
18	Claro	0	Claro	0	Cc	1	Claro	0	Claro	0	7	9	9
19	Ac	1	Claro	0	Cu	1	Cu	2	Claro	0	7	7	9
20	Ac	7	Ac	6	Cu 6 As 1	7	Cu 1 Ci 3	4	Claro	0	8	9	8
21	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	6	6
22	Ci	6	Ac	7	Ac	7	Ac 1 Ci 1	2	Ci	3	4	9	9
23	Cu	7	Cu	3	Cu	5	Cu	2	Fc	7	8	9	8
24	Ns	8	St	8	Ci	5	Ci 3 Cu 1	4	Claro	0	7	5	8
25	Cu	1	Cu	6	Cu 2 Ci 1	3	Ci	4	Ci	2	5	7	8
26	Cu 1 Ci 5	6	Ci	3	Cu 1 Ci 4	5	Ci	7	Ci	3	8	8	8
27	St	8	Sc	7	Cu	4	Cu	4	Claro	0	7	8	8
28	Ci	1	Ci	7	Ci	8	As	8	As	8	7	7	8
29	Fs 3 Ac 4	7	Sc	8	Cu	6	Cu	1	Claro	0	7	8	9
30	Fs	8	Ns	8	Ns	8	Ns	8	St	8	7	5	7
31	Ac	6	Claro	0	Cu	1	Cu	2	Claro	0	9	9	9
Prom.		4		5		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	42.0	24.5	1.42	5	2	5	
	10	45.5	26.0	1.58	6	3	5	
	12	50.0	29.0	1.71	2	5	5	
	14	46.5	28.1	1.50	6	3	5	
	15	39.8	26.1	1.11	8	2	5	
2	9	39.2	26.0	1.07	4	0	5	
	10	50.8	29.6	1.72	3	5	5	
	12	38.3	27.4	0.89	7	0	5	
	14	52.8	32.2	1.67	6	5	5	
	15	45.4	30.2	1.24	5	3	5	
3	9				8	0	4	LL.
	10				8	0	5	Am.
	12	46.8	27.7	1.55	7	4	5	
	14	50.7	30.9	1.61	2	5	5	
	15	50.0	30.5	1.58	0	5	5	
4	9	48.5	28.5	1.63	0	5	5	
	10	50.6	30.4	1.64	0	5	5	
	12	52.8	31.8	1.71	0	5	5	
	14	51.5	31.8	1.60	0	5	5	
	15	51.4	31.8	1.59	0	5	5	
5	9	48.6	35.5	1.06	4	4	5	
	10	47.8	26.4	1.74	3	5	5	
	12	49.9	28.8	1.72	4	2	5	
	14	50.1	29.1	1.71	1	5	5	
	15	47.5	27.5	1.63	1	5	5	
6	9	45.6	25.6	1.63	0	5	5	
	10	48.8	27.6	1.72	0	5	5	
	12	50.5	29.2	1.73	0	5	5	
	14	50.1	29.8	1.65	0	5	5	
	15	48.1	29.8	1.50	0	5	5	
7	9				8	0	5	Am.
	10				8	0	3	LL.
	12	40.0	23.6	1.33	7	2	5	
	14	46.9	27.0	1.62	3	3	5	
	15	46.2	26.9	1.57	1	5	5	
8	9	44.6	24.1	1.67	0	5	5	
	10	48.8	27.6	1.72	0	5	5	
	12	50.2	28.7	1.75	0	5	5	
	14	49.4	29.4	1.63	0	5	4	B.
	15	47.7	29.4	1.49	0	5	5	
9	9	33.2	22.5	1.36	7	0	5	
	10	28.3	21.4	0.56	8	0	5	
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
10	9	47.7	27.7	1.63	6	3	4	Js.
	10	34.4	24.7	0.79	8	0	5	Ru.
	12				8	0	4	Z.
	14				8	0	4	Z.
	15				8	0	4	LL.
11	9	44.0	23.3	1.68	0	5	5	
	10	47.0	25.4	1.76	0	5	5	
	12	50.1	28.8	1.73	1	5	5	
	14	47.1	27.6	1.58	2	5	5	
	15	46.0	27.0	1.54	1	5	5	
12	9	31.7	22.0	0.79	8	0	5	
	10	34.2	22.7	0.93	8	0	5	
	12	28.8	22.4	0.52	8	0	5	
	14	40.0	26.5	1.10	8	2	5	
	15	32.9	25.0	0.64	8	0	5	
13	9				8	0	4	Am.
	10	31.2	22.7	0.69	8	0	5	
	12	52.0	29.7	1.81	7	3	5	
	14	43.0	28.4	1.19	7	0	5	
	15	49.0	29.5	1.58	5	3	5	
14	9	43.8	23.4	1.60	1	5	5	
	10	46.0	24.4	1.76	2	5	5	
	12	46.5	25.4	1.72	3	5	5	
	14	47.6	27.9	1.60	8	4	5	
	15	45.4	27.3	1.47	6	4	5	Js.
15	9	35.6	24.2	0.93	7	1	5	
	10	36.3	25.2	0.90	8	0	5	
	12	42.1	27.5	1.19	8	1	5	
	14	47.3	29.4	1.46	6	3	5	
	15	31.4	25.2	0.50	7	0	5	
16	9	43.4	23.7	1.60	0	5	5	
	10	47.9	26.6	1.73	1	5	5	
	12	37.5	25.2	1.00	5	3	5	
	14	50.9	29.0	1.78	3	3	5	
	15	48.8	28.6	1.64	2	3	5	
17	9	38.6	24.0	1.19	5	3	5	
	10	46.8	27.3	1.58	4	3	5	
	12	48.9	29.0	1.62	8	4	5	
	14	50.1	29.7	1.66	1	5	5	
	15	47.7	28.4	1.53	0	5	5	
18	9	45.1	27.3	1.45	0	5	5	
	10	50.6	30.0	1.67	0	5	5	
	12	53.8	33.6	1.64	1	5	5	
	14	53.4	33.4	1.63	1	5	5	
	15	51.4	33.2	1.48	0	5	5	
19	9	46.4	27.8	1.51	0	5	5	
	10	50.0	29.9	1.63	0	5	5	
	12	53.5	33.5	1.63	0	5	5	
	14	51.5	34.6	1.37	1	5	5	
	15	51.0	34.3	1.36	2	5	4	
20	9	38.7	26.0	1.03	7	1	5	
	10	36.2	25.5	0.87	7	2	5	
	12	51.7	31.4	1.65	2	5	5	
	14	50.8	32.1	1.52	7	3	5	
	15	45.2	29.5	1.28	7	3	5	
21	9	43.5	24.4	1.55	0	5	4	Ne.
	10	46.0	25.7	1.65	0	5	3	B.
	12	46.8	25.8	1.71	0	5	3	B.
	14	47.0	39.5	0.61	0	5	4	B.
	15	44.9	28.8	1.31	0	5	3	B.
22	9	40.8	24.9	1.29	7	4	5	
	10	40.3	25.6	1.20	8	2	5	
	12	45.2	27.7	1.42	7	1	5	
	14	40.6	27.2	1.09	7	0	5	
	15	52.5	31.2	1.73	5	3	5	
23	9	44.6	27.9	1.36	4	4	5	
	10	50.3	30.6	1.60	1	5	5	
	12	46.5	32.4	1.18	3	0	5	
	14	55.3	35.7	1.59	5	3	5	
	15	44.5	31.5	1.06	5	3	5	
24	9				8	0	5	Am.
	10				8	0	5	Am.
	12	39.3	24.3	1.22	7	2	4	B.
	14	42.3	26.7	1.27	5	2	5	
	15	45.5	28.0	1.42	7	1	4	B.
25	9	44.5	27.0	1.42	1	5	4	B.
	10	44.0	27.5	1.34	2	3	4	B.
	12	53.6	31.3	1.81	3	3	5	
	14	50.1	31.9	1.52	3	3	4	B.
	15	47.7	31.0	1.36	2	3	5	
26	9	39.9	25.5	1.17	7	1	5	
	10	51.2	29.6	1.76	7	4	5	Js.
	12	52.2	31.9	1.65	2	5	5	
	14	53.4	32.6	1.69	5	4	5	
	15	37.4	28.0	0.76	7	0	5	
27	9	30.9	24.7	0.50	8	0	5	
	10	32.9	25.7	0.58	8	0	5	
	12	48.2	30.5	1.44	5	3	5	
	14	40.6	29.3	0.92	4	5	5	
	15	36.2	27.5	0.71	6	3	5	
28	9	43.2	23.5	1.60	1	5	5	
	10	46.5	25.7	1.69	3	4	5	
	12	35.7	24.3	0.93	7	2	3	B.
	14	34.4	23.8	0.86	8	3	4	
	15	29.8	22.1	0.63	8	0	4	B.
29	9	36.7	23.9	1.04	7	0	5	
	10	37.7	24.9	1.04	8	0	5	
	12	37.8	26.5	0.92	8	0	5	
	14	52.8	31.3	1.75	6	3	5	
	15	46.1	29.1	1.38	3	3	4	B.
30	9				8	0	5	CH.
	10				8	0	4	LL.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
31	9	41.2	20.4	1.69	1	5	5	
	10	44.2	22.4	1.77	1	5	5	
	12	46.5	24.4	1.80	0	5	5	
	14	45.5	24.2	1.73	1	5	5	
	15	42.4	22.4	1.63	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	0.1	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	12.7	97
2		0.1	0.7	1.0	1.0	1.0	0.5	0.6	0.8	0.8	0.8	1.0	1.0	0.1	9.4	12.7	74
3							0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.3	6.8	12.7	54
4		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	12.6	92
5				0.4	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	9.6	12.6	76
6	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6		11.5	12.5	92
7					0.1	0.9	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.2	7.8	12.5	62
8		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	12.5	94
9	0.1	1.0	1.0	0.6											2.7	12.4	22
10				0.7	0.7										1.4	12.4	11
11		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	12.4	94
12		0.4	0.6	0.1	0.3	0.6			0.3	0.4					2.7	12.3	22
13					0.4	0.4	0.8	1.0	1.0	1.0	0.8	0.5			5.9	12.3	48
14		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			10.1	12.3	82
15			0.2	0.7	0.3	0.3	0.8	0.9	0.8	0.5					4.5	12.2	37
16		0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9		11.5	12.2	94
17		0.7	1.0	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0		11.4	12.1	94
18		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.5	12.1	95
19		0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.6	12.1	88
20				1.0	0.8	1.0	1.0	1.0	0.9	0.9	0.8	0.5	0.3		8.2	12.0	68
21		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	12.0	95
22			1.0	0.7	0.7	0.7	0.8	1.0	0.7	0.9	0.4	1.0	0.2		8.1	12.0	68
23				0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.2		8.4	11.9	71
24							0.2	0.8	1.0	1.0	1.0	0.8	0.1		4.9	11.9	41
25			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.7	11.9	82
26			0.5		0.8	1.0	1.0	1.0	1.0	0.5	0.8	0.7	0.2		7.5	11.8	64
27					0.3	0.5	0.7	1.0	1.0	0.8	1.0	0.8	0.1		6.2	11.8	52
28		0.2	1.0	1.0	1.0	1.0	0.9	0.5	0.4						6.0	11.7	51
29				0.1	0.1	0.3	0.2	0.8	1.0	1.0	1.0	1.0	0.3		5.8	11.7	50
30															0.0	11.7	00
31				0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		8.8	11.6	76
Medias	0.0	0.3	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.0	8.0	12.2	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	19.8	25.0	23.2	20.1	23.2	22.8	20.6	21.0	21.8	21.8	21.6	22.0	24.4	24.3	24.2
2	22.2	25.8	24.6	21.7	23.9	23.8	21.4	21.8	22.5	22.1	22.1	22.5	24.3	24.4	24.4
3	22.0	24.3	23.6	20.9	22.3	23.0	21.0	21.7	21.7	21.9	21.4	21.9	24.2	24.1	24.0
4	20.7	25.9	24.2	20.7	23.9	23.5	21.0	21.8	22.2	23.9	23.0	22.1	24.1	24.0	24.0
5	21.4	25.9	23.9	21.3	24.1	23.7	21.4	21.6	21.6	22.0	22.0	22.0	24.2	24.2	24.1
6	18.6	24.7	22.9	19.3	22.9	21.7	20.2	20.6	20.6	23.6	21.4	21.5	24.1	23.9	23.9
7	21.0	24.0	21.4	20.9	22.4	21.7	20.7	20.8	21.2	23.5	21.5	21.5	23.9	23.9	23.7
8	18.0	23.5	20.1	18.6	21.9	20.0	19.5	19.9	19.9	20.9	20.6	20.3	23.5	23.4	23.4
9	19.1	21.0	20.8	19.2	20.4	20.3	19.5	19.6	19.6	20.5	20.3	20.4	23.2	22.0	22.9
10	20.7	21.2	20.6	20.2	21.9	20.3	19.6	20.1	20.0	20.3	20.4	20.3	22.8	22.8	22.7
11	18.7	24.4	21.9	18.8	22.7	21.8	19.2	19.8	20.7	20.2	20.2	20.7	22.7	22.6	22.6
12	20.0	22.9	22.3	19.7	21.5	21.7	19.8	19.9	20.5	20.6	20.4	20.7	22.8	22.7	22.7
13	21.4	24.8	23.0	20.8	23.0	22.7	20.0	20.5	21.3	20.5	20.7	21.1	22.7	22.9	22.8
14	18.0	24.2	22.9	19.3	22.5	22.3	19.8	20.0	20.9	20.8	20.5	20.7	22.0	22.9	22.8
15	21.2	24.4	22.8	20.7	22.7	22.4	20.3	20.7	21.2	20.9	21.0	21.2	23.0	23.0	23.0
16	20.4	25.0	22.8	20.3	23.2	22.6	20.3	20.8	21.5	21.0	21.0	21.3	23.1	23.1	23.1
17	20.3	25.0	22.4	20.1	23.1	22.4	20.2	20.6	21.3	21.1	21.0	21.3	23.2	23.2	23.1
18	19.2	26.0	24.1	19.4	23.7	23.5	19.9	20.5	21.6	20.9	20.8	21.4	23.2	23.2	23.1
19	21.9	26.8	25.3	21.5	24.5	24.4	21.0	23.4	22.6	21.5	21.5	22.1	23.4	23.5	23.5
20	22.6	27.1	24.8	22.4	25.0	24.4	21.8	22.1	22.9	22.1	22.1	22.5	23.8	23.9	23.9
21	21.9	25.9	22.9	21.9	24.3	21.8	21.7	21.9	21.8	22.3	22.2	22.2	24.1	24.1	24.0
22	19.9	23.9	22.9	20.2	22.5	22.5	20.7	20.9	21.5	21.8	21.5	21.7	24.0	23.9	23.6
23	21.8	27.2	23.2	23.3	24.7	22.1	20.9	21.7	21.7	21.5	21.7	21.7	23.6	23.7	23.5
24	22.6	24.7	23.7	22.4	23.1	23.2	21.9	21.7	22.1	22.3	22.1	22.1	24.0	24.1	23.9
25	21.3	26.1	24.6	21.1	24.1	24.0	21.0	21.6	22.4	21.8	21.8	22.2	23.9	23.9	23.8
26	22.3	26.8	25.3	22.0	24.7	24.4	21.7	22.1	22.8	22.1	22.1	22.5	24.0	24.0	24.0
27	23.5	26.7	25.4	23.0	24.7	24.7	22.2	22.6	23.1	22.5	22.6	22.8	24.3	24.4	24.3
28	22.0	24.8	22.7	22.0	23.7	22.8	22.0	22.1	22.1	22.6	22.4	22.3	24.4	24.4	24.2
29	21.5	24.6	22.8	21.3	22.9	21.8	21.1	21.4	21.0	21.9	21.8	21.2	24.1	24.0	24.0
30	22.4	21.8	20.4	21.8	20.7	19.7	21.3	20.2	19.6	21.8	21.1	20.6	23.9	23.6	23.3
31	18.9	22.1	20.1	18.9	21.0	19.7	19.0	19.3	19.0	20.1	20.1	19.9	22.8	22.7	22.5
Prom.	20.8	24.7	23.0	20.8	23.1	22.4	20.7	21.1	21.4	21.6	21.4	21.5	23.6	23.6	23.5

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8h	EVAPORACIÓN 14h	EVAPORACIÓN 20h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.8	1.9	1.6	4.5							8333
2					0	1.0	1.6	1.5	3.8							8336
3	53.5	54.3	52.5	52.5	2	0.7	0.5	1.5	2.7							8328
4	12.5	11.5	11.4	9.0	1	0.7	1.6	1.8	4.0	K. 6	18.2	14.1	13.9			8288
5	4.6	5.4	4.6	-	1	0.6	1.5	1.9	3.8							8275
6					0	0.4	2.6	2.7	6.3							8276
7	0.9	1.2	0.7	0.5	0	1.0	0.7	2.4	4.0							8269
8	0.0	0.0	0.0	0.0	0	0.9	3.7	2.7	8.4	K. 7	17.2	15.8	17.0			8292
9					2	2.0	1.1	0.3	1.7							8299
10	2.4	2.7	2.3	2.4	2	0.3	0.7	0.2	1.4							8315
11	1.1	1.5	1.0	1.1	0	0.5	1.3	1.4	3.5							8335
12					0	0.8	0.9	0.8	1.9							8338
13	21.8	22.4	21.1	19.9	2	0.2	0.7	1.2	2.3	K. 8	20.1	19.4	19.9	17.0		8334
14					0	0.4	1.6	1.0	3.0							8340
15					0	0.4	1.1	0.9	2.6							8342
16					0	0.6	1.2	1.3	3.1							8345
17					0	0.6	1.5	1.7	3.8							8347
18					0	0.6	1.7	1.7	4.1	-	-	-	-			8356
19					0	0.7	2.0	1.9	4.6							8363
20	7.6	7.8	6.7	7.1	2	0.7	1.3	0.9	2.8							8367
21					0	0.6	1.9	1.1	3.8							8378
22					0	0.8	1.4	1.5	3.7							8382
23	0.0	0.0	0.0	0.0	0	0.8	1.5	1.3	3.4	K. 9	17.1	15.9	26.3			8385
24	1.1	1.4	0.9	1.1	0	0.6	0.4	0.9	1.7							8395
25					0	0.4	0.9	1.1	2.5							8399
26					0	0.5	1.4	1.3	3.3							8405
27					0	0.6	1.1	1.0	3.2							8406
28					0	1.1	1.8	1.4	4.1	K.10	12.9	14.1	23.9			8417
29					0	0.9	1.4	1.5	4.1							8426
30					2	1.2	0.2	1.1	1.9							8422
31	55.4	55.9	50.2	53.0	1	0.6	0.8	1.8	3.4							8327
Prom.	160.9	164.1	151.4	146.6	-	0.7	1.4	1.4	3.5	-	-	-	-	-	-	8349

0.50 m. 8h	0.50 m. 14h	0.50 m. 20h	1 m. 8h	1 m. 14h	1 m. 20h	2 m. 8h	3 m. 8h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
24.3	24.3	24.1	23.4	23.6	23.5	22.0	20.4	6.0	Ca. m., Cn. t. y n.
24.3	24.3	24.2	23.5	23.6	23.6	22.2	20.5	13.0	Ca. m., Cn. t. y n., r. m.
24.5	24.4	24.2	23.6	23.7	23.6	22.4	20.5	18.6	Cn. m., Ca. t. y n., LL. m., r. n.
24.2	24.2	24.0	23.3	23.2	23.5	22.3	20.5	9.3	Ca. m. t. y n., r. m. y n.
24.1	24.4	24.3	23.8	23.4	23.4	22.2	20.5	15.2	Cn. m., Ca. t. y n.
24.2	24.2	24.2	23.0	23.4	23.3	22.3	20.5	4.5	Ca. m. t. y n., r. m.
23.9	24.0	23.7	23.6	23.3	23.1	22.2	20.5	13.9	Cn. m., Ca. t. y n., LL.Z. m., r. n.
23.6	23.6	23.5	23.0	23.1	23.1	22.2	20.6	5.9	Ca. m. t. y n., r. m., B. t.
23.3	23.2	23.0	22.9	23.0	22.9	22.3	20.6	8.2	Ca. m., Cn. t. y n., r. m., CH.LL. t., Ne. t.
22.8	22.7	22.5	22.9	23.0	23.0	22.2	20.6	16.0	Cn. m. t. y n., Ne. m., LL.Z. t.
22.6	22.6	22.4	21.2	22.8	22.6	22.2	20.6	9.1	Ca. m. t. y n., r. m.
22.5	22.5	22.5	22.5	22.6	22.6	22.1	20.6	10.3	Cn. m. t. y n., r. m., Z. t.
22.5	22.5	22.5	22.7	22.6	22.7	22.1	20.6	17.1	Cn. m. t. y n., LL. m.
22.7	22.8	22.6	22.4	22.5	22.6	22.1	20.8	8.5	Ca. m., Cn. t. y n., Ne. m., r. m. y n.
22.7	22.9	22.7	22.5	22.5	22.5	22.1	20.7	14.5	Cn. m. t. y n., r. m. y n., B. t.
22.8	22.5	22.7	22.4	22.6	22.6	22.1	20.7	11.1	Ca. m. t. y n., r. m. y n.
22.5	23.1	22.9	22.4	22.5	22.4	22.1	20.6	9.2	Ca. m. t. y n., r. m. y n.
22.9	23.1	22.8	22.3	22.5	22.5	22.1	20.7	6.2	Ca. m. t. y n., Ne. m., r. m. y n.
22.6	23.3	23.2	22.5	22.6	22.6	22.0	20.7	14.9	Ca. m. t. y n., r. m. y n.
23.4	23.5	23.5	22.6	22.6	22.6	22.0	20.6	17.5	Cn. m. y t., Ca. n., r. n.
23.7	23.8	23.6	22.5	22.7	22.6	22.0	20.8	13.1	Ca. m. t. y n., r.Ne. m. y n., B. t.
23.7	23.7	23.5	22.5	22.6	22.7	22.0	20.8	6.6	Cn. m. y t., Ca. n., Ns. m., r. m., Ne. m.
23.5	23.7	23.7	22.7	22.7	22.7	22.0	20.8	14.6	Cn. m. t. y n., R. n., r. n.
23.7	23.8	23.7	22.7	22.8	22.8	22.0	20.8	15.5	Cn. m. y t., Ca. n., R.LL. m., B. t., r. n.
23.6	23.7	23.5	22.6	22.8	22.8	22.0	20.8	12.1	Ca. m. y n., Cn. t., Ne. m., B. t., r. n.
23.6	23.7	23.6	22.8	22.9	22.8	22.0	20.8	14.1	Cn. m. y t., Ca. n., r. m.
23.8	24.0	23.8	22.9	22.9	22.9	21.9	20.8	18.5	Cn. m. y t., Ca. n., r. m. y n.
24.0	24.0	23.8	22.7	22.9	22.9	22.0	20.8	11.0	Ca. m., Cn. t. y n., r. m. y n.
23.8	23.8	23.8	22.9	23.0	23.0	22.0	20.9	13.6	Cn. m. y t., Ca. n., r. m. y n.
23.6	23.4	23.0	22.9	23.0	22.9	21.9	20.8	17.4	Cn. m. t. y n.,r. m.,CH. m.,LL.Ru.m. y t.,Z.n.
22.8	22.7	22.7	22.3	22.6	22.5	22.0	20.8	11.1	Cn. m., Ca. t. y n., r. n.
23.4	23.5	23.4	22.8	22.9	22.9	22.1	20.7	12.2	

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	54.8	64.2	1	1	48.7	4	17	18.9	24.4	12.6	27.3	4	14-15	8.1	6	6	8.5	12.6	67
2ª	56.8	62.5	11	21-22	52.4	17	3-4	20.0	26.1	14.6	30.6	19	15	10.8	14	6	8.8	12.2	72
3ª	58.1	64.4	28, 29	24,0	50.5	30	18-19	20.2	25.8	14.9	31.2	23	14-15	7.0	31	24	7.0	11.8	59
MES	56.6	64.4	28, 29	24,0	48.7	4	17	19.7	25.5	14.1	31.2	23	14-15	7.0	31	24	8.0	12.2	66

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	74	99	6	27	5	11.6	17.0	5.6	NE	10	32	8	25	8	13-14	42	S	7	7.16	75.1	54.3	3	14.5	3	8-9
2ª	77	98	17	36	11	13.1	19.0	7.4	SE	6	24	14, 19	21	19	13-14	29	SE	20	4.38	31.7	22.4	13	14.0	13	4-5
3ª	76	98	26,30	31	31	13.4	20.0	5.0	NE	9	28	30	22	30	7-8	37	S	23	19.58	57.3	55.5	29	10.5	29	11-12
MES	76	98	17,26,30	27	5	12.7	20.0	5.0	SE	6	32	8	25	8	13-14	42	S	7	7.16	164.1	55.5	29	14.5	3	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	10	1	2	-	-	-	-	4	2	-	1	-	-	-	-	-	-
2ª	6	1	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-
3ª	4	3	3	-	1	-	-	2	1	-	1	-	-	-	-	1	2
MES	20	5	7	-	1	-	-	7	4	-	2	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	6	4	-	5	-
2ª	8	-	-	-	-	-	-	-	-	-	-	5	5	-	6	-
3ª	11	-	-	-	-	-	-	-	-	-	-	5	6	-	8	-
MES	26	-	-	-	-	-	-	-	-	-	-	16	15	-	19	-

Typis privatis Spec.Phys.cosm.Sanct.Michael.

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV ABRIL 1949 N.º 4

RESUMEN MENSUAL

Un período prolongado de buen tiempo caracteriza la primera década. Con el aire polar y seco que llegara el último día del mes anterior, se anotan temperaturas de 8 a 10 grados inferiores al nivel normal; el termómetro de superficie registra entonces y por primera vez en el año el punto de congelación. La tensión del vapor también muy por debajo de su término medio, marca ya el 1° el valor mínimo mensual con 4.8mm. La fuerte irradiación de estos días, reforzada por el cambio del viento al sector N, origina en la segunda mitad de la década, un continuo ascenso de la temperatura cuya amplitud entre el 1° y el 9 alcanza hasta 12.4°C. Una corriente de aire fresco avanza desde el SW el día 9; empieza a nublarse, y el 10, único día completamente cubierto del mes, prodúcense, dentro de la zona frontal, ligeras lluvias.

Restablecido nuevamente hasta el 13 el buen tiempo, una corriente de aire tropical se desplaza entonces desde el Norte hacia el Río de la Plata, la que motiva condiciones estivales en casi toda la provincia de Buenos Aires, con temperaturas de hasta 10 grados superiores a la normal. Así, la temperatura máxima diaria alcanza o sobrepasa los 30.0°C, y la tensión del vapor varía entre 15 y 19 mm. Este proceso se acentúa hasta el 20, en el que estos dos elementos registran sus valores máximos mensuales con 30.9°C y 19.0 mm respectivamente.

El 21 la temperatura alcanza por última vez en este verano los 30.0°C y la presión desciende al valor mínimo mensual con 747.5 mm; por la tarde del mismo día, un fuerte y primer empuje de aire fresco (ráfagas de hasta 60 Km/h) atraviesa San Miguel, descargando las últimas lluvias del mes. La ola fría del S se acentúa los días subsiguientes; el 24, intenso aire polar cubre todo el país. En la noche del 24 al 25, la temperatura y humedad registran sus valores mínimos con 3.9°C y 29% respectivamente, la presión su máximo mensual con 766.3 mm y la mínima de la superficie el primer importe negativo del año.

Siendo en general Abril, uno de los meses más lluviosos del año (1947: 146.7 mm; 1948: 126.0 mm), cabe destacar la escasa precipitación total registrada: 15.0 mm. Debido al buen tiempo y en parte al aire tropical reinante, la temperatura se ha mantenido en 1.2°C superior a la media, mientras la presión y tensión apenas si han rebasado su nivel 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	-	-	-	-	-	-	-	-	-	-	80	86	77	72	73
2	-	-	59	42	64	68	65	-	-	-	74	70	74	74	-
3	-	38	42	-	-	-	-	-	61	67	65	61	59	59	73
4	38	10	47	57	-	-	-	-	-	-	28	38	52	51	53
5	-	-	-	-	-	-	-	-	50	40	-	-	45	40	40
6	16	19	21	25	31	28	38	37	28	24	22	25	32	35	38
7	24	27	25	22	18	18	13	16	14	16	18	16	15	16	22
8	36	34	30	28	32	26	30	26	18	28	24	22	22	22	30
9	25	24	20	23	19	20	18	16	16	15	11	10	16	24	20
10	8	7	24	9	12	-	-	-	34	32	28	20	18	25	25
11	30	30	32	34	38	46	42	42	50	66	58	60	64	58	62
12	-	-	-	-	-	-	-	-	-	-	-	29	28	23	18
13	34	32	33	32	40	51	46	55	93	87	51	44	43	45	51
14	9	5	22	22	34	44	42	48	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	9	12	9	24	26	28	36	38	26	24	24	24	30	32	22
17	10	10	17	16	11	9	21	19	8	10	12	17	20	23	30
18	32	26	24	24	28	34	38	36	22	26	32	34	42	40	46
19	9	18	28	26	34	30	18	-	-	-	-	-	24	32	34
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	18	24	48	52	42	46	42
23	24	24	18	34	26	26	34	36	7	30	46	48	52	58	42
24	-	-	-	-	-	-	-	-	34	38	56	62	58	64	60
25	-	-	-	-	-	-	-	-	-	32	18	38	32	36	38
26	-	-	-	-	-	-	-	-	42	46	46	54	56	42	36
27	27	29	37	33	22	36	42	-	-	-	49	45	54	43	28
28	14	18	12	10	8	12	18	33	16	30	42	44	54	69	75
29	38	44	48	50	40	34	38	18	36	40	48	46	50	50	50
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31															
Prom.	24.4	24.4	23.6	25.0	25.8	27.8	31.1	33.3	28.4	35.2	33.9	34.4	38.2	40.7	44.0

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	6.53	7.20	13.73	0.87	10.53	11.03	21.56	0.95	0.65	0.81	1.46	0.80	1.16	1.15	2.31	1.01
2	8.53	9.85	18.38	0.87	11.45	10.63	22.08	1.08	1.03	1.22	2.25	0.84	1.55	1.42	2.97	1.09
3	6.84	7.21	14.05	0.95	7.98	7.98	15.96	1.00	0.87	0.88	1.75	0.99	1.08	1.14	2.22	0.95
4	7.61	14.31	21.92	0.53	7.30	7.88	15.18	0.92	0.90	0.90	1.80	1.00	1.33	1.42	2.75	0.94
5	8.13	10.82	18.95	0.76	3.25	3.21	6.46	1.02	1.18	1.02	2.20	1.16	0.44	0.51	0.95	0.86
6	12.16	15.71	27.87	0.77	7.72	6.27	13.99	1.24	1.62	1.62	3.24	1.00	1.05	1.09	2.14	0.96
7	8.89	12.54	21.43	0.72	11.64	10.67	22.31	1.10	1.23	1.23	2.46	1.00	1.72	1.49	3.21	1.15
8	10.78	15.16	25.94	0.71	10.12	10.46	20.58	0.96	1.30	1.29	2.59	1.01	1.58	1.53	3.11	1.03
9	7.66	12.26	19.92	0.63	5.42	7.20	12.62	0.76	1.03	1.11	2.14	0.93	0.95	1.17	2.12	0.81
10	-	-	-	-	-	-	-	-	1.30	1.09	2.39	1.19	1.33	1.37	2.70	0.97
11	4.42	7.58	12.00	0.58	6.80	7.89	14.69	0.86	0.53	0.46	0.99	1.15	0.88	1.12	2.00	0.78
12	6.84	11.29	18.13	0.60	7.07	7.76	14.83	0.90	0.98	1.14	2.12	0.86	0.71	0.91	1.62	0.78
13	4.83	8.47	13.30	0.57	5.73	7.79	13.52	0.73	0.54	0.63	1.17	0.86	0.72	0.77	1.49	0.94
14	-	-	-	-	7.50	9.01	16.51	0.84	1.27	1.29	2.56	0.98	1.22	1.35	2.57	0.90
15	7.27	10.60	17.87	0.68	7.48	7.96	15.44	0.93	0.85	0.99	1.84	0.86	1.09	0.92	2.01	1.18
16	7.51	8.84	16.35	0.85	6.63	8.14	14.77	0.81	1.19	1.22	2.41	0.98	0.94	0.96	1.90	0.98
17	11.76	11.32	23.08	1.04	11.53	11.80	23.33	0.97	1.44	1.40	2.84	1.03	1.92	1.92	3.84	1.00
18	10.04	11.83	21.87	0.85	7.34	8.75	16.09	0.84	1.51	1.31	2.82	1.15	1.39	1.39	2.78	1.00
19	8.90	11.64	20.54	0.76	7.26	9.91	17.17	0.73	1.11	1.20	2.31	0.92	1.09	1.29	2.38	0.86
20	9.34	16.90	26.24	0.55	10.10	18.09	28.19	0.56	1.16	1.22	2.38	0.95	1.16	1.11	2.27	1.04
21	9.00	13.63	22.63	0.66	4.30	4.75	9.05	0.90	0.82	0.87	1.69	0.94	0.58	0.62	1.20	0.94
22	12.53	16.07	28.60	0.77	9.07	10.12	19.19	0.89	1.52	1.38	2.90	1.10	1.09	1.24	2.33	0.88
23	10.65	11.43	22.08	0.93	15.14	10.57	25.71	1.44	1.22	1.14	2.36	1.07	0.91	1.11	2.02	0.82
24	8.41	9.96	18.37	0.85	7.66	5.78	13.44	1.32	0.90	1.04	1.94	0.86	1.00	0.81	1.81	1.23
25	10.33	8.25	18.58	1.24	7.64	8.24	15.88	0.93	1.13	1.03	2.16	1.10	0.98	1.15	2.13	0.85
26	11.43	13.06	24.49	0.88	4.68	6.34	11.02	0.74	1.10	1.32	2.42	0.83	0.80	0.91	1.71	0.88
27	3.20	4.78	7.98	0.67	9.93	9.28	19.21	1.07	0.40	0.39	0.79	1.02	1.46	1.46	2.92	1.00
28	3.53	4.43	7.96	0.80	2.38	1.54	3.92	1.60	0.43	0.56	0.99	0.77	0.33	0.36	0.69	0.92
29	9.67	12.62	22.29	0.76	6.25	8.26	14.51	0.75	1.09	1.37	2.46	0.80	0.71	0.74	1.45	0.93
30	13.98	13.89	27.87	1.00	9.68	11.92	21.60	0.80	1.31	1.30	2.61	1.01	1.16	1.35	2.51	0.86
31																
Prom.	8.60	11.13	19.69	0.78	7.92	8.59	16.51	0.95	1.05	1.08	2.13	0.97	1.08	1.13	2.20	0.95

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
76	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	20	-	-		∞	-∞	-	3*
54	60	-	44	58	43	41	50	72		92	-∞	-	2*
55	53	-	64	60	-	-	62	35		102	-59	161	1*
56	85	85	66	42	38	28	29	-		142	-15	157	0*
39	28	55	45	25	26	25	26	21	29.5	70	+ 5	65	0
22	26	36	27	34	24	24	26	28	22.0	60	- 4	64	1
32	24	28	16	26	24	30	20	22	26.2	58	0	58	0
25	34	13	-	-	-	-	-	-		66	-18	84	2*
25	30	24	22	28	34	38	38	42		+∞	-∞	-	3*
54	46	42	20	22	25	- 5	- 3	6	38.3	89	-52	141	1
22	23	22	15	19	20	21	21	27		40	-	-	1*
42	30	30	22	20	17	1	23	16	39.1	153	25	178	1
-	-	-	-	-	-	-	-	-		75	-	-	1*
-	-	-	-	-	-	-	-	-		-	-	-	-
16	32	18	-	-	-	-	-	-		87	14	101	1*
28	33	34	13	21	22	20	17	20	18.4	55	- 3	58	1
42	58	34	32	7	9	20	30	30	31.1	105	-14	119	1
38	34	32	-	-	-	-	-	-		91	-28	119	2*
-	-	-	-	-	-	-	-	-		-	-	-	-
-	16	36	-	-	-	-	-	-		112	-207	319	2*
38	2	-	-	-	-	-	-	-		144	∞	-	3*
36	36	54	48	50	42	34	20	9	34.8	75	-22	.97	1
58	62	58	60	48	46	22	12	12		153	- 4	157	1*
36	46	75	56	52	71	-	-	-		98	- 9	107	2*
52	107	62	96	50	38	60	58	52		275	-46	321	1*
10	18	28	30	22	-	-	-	-		75	-83	158	1*
69	60	62	36	22	30	30	50	48	35.9	114	0	114	0
36	28	10	16	8	-	-	16	17		85	- 5	90	1*
-	-	-	-	-	-	-	-	-		-	-	-	-
40.4	37.9	41.7	28.8	25.2	24.3	19.9	23.2	22.2	30.6				

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^-
82	91	-	4.43	-	624	1100	1724	0.57	0.30	1.07
74	68	-	5.10	-	855	1075	1930	0.80	0.21	1.70
64	64	59	3.73	4.37	681	920	1601	0.74	1.33	0.86
28	33	46	1.98	4.22	849	855	1704	0.99	1.07	0.69
-	-	82	-	2.60	916	1136	2052	0.81	1.60	1.09
19	26	29	2.81	2.07	1136	735	1871	1.54	0.81	-
17	16	33	1.31	1.64	796	1136	1932	0.70	-	0.16
22	20	30	1.73	1.53	1310	796	2106	1.64	1.12	0.24
11	14	37	1.00	2.61	955	792	1747	1.20	1.15	0.45
28	26	28	2.07	2.52	907	981	1888	0.92	-	0.41
54	62	48	2.05	3.20	796	907	1703	0.88	0.99	0.82
26	26	24	1.84	1.30	844	920	1764	0.92	2.15	0.21
44	40	36	1.56	1.79	429	907	1336	0.47	-	0.39
-	-	-	-	-	964	675	1639	1.43	0.94	0.88
-	-	-	-	-	553	796	1349	0.69	2.15	0.46
22	28	32	2.25	2.03	1136	792	1928	1.43	0.80	1.23
13	16	34	1.51	4.35	1039	1194	2233	0.87	1.51	2.14
34	36	42	3.38	3.89	1023	614	1637	1.67	2.14	-
-	-	32	-	2.54	796	1023	1819	0.78	1.48	0.71
-	-	-	-	-	853	907	1760	0.94	0.86	0.60
-	-	26	-	1.04	570	364	934	1.56	0.34	-
48	50	34	4.83	2.64	796	964	1760	0.82	1.68	-
44	50	38	3.93	2.56	1419	1467	2886	0.97	0.38	1.34
62	58	58	3.75	3.50	1224	1306	2530	0.94	0.48	-
28	32	50	2.30	3.55	1303	1469	2772	0.89	-	1.21
48	50	78	4.03	4.45	1224	1134	2358	1.08	1.77	-
46	45	20	1.18	1.95	624	1165	1789	0.54	0.87	1.70
46	44	62	1.45	1.43	920	339	1259	2.71	1.27	-
42	46	30	3.77	1.45	566	1100	1666	0.51	0.97	1.44
-	-	-	-	-	1224	1136	2360	1.08	1.44	1.12
39	41	41	2.70	2.50	911	957	1868	1.04	1.15	0.91

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	59.0	59.6	59.9	60.6	61.1	61.1	61.3	61.3	61.2	61.4	61.5	61.3	61.1	60.8	60.8
2	61.3	61.0	60.4	60.0	60.0	60.2	60.3	60.4	60.4	60.3	60.2	59.7	59.4	58.8	57.8
3	58.4	58.4	58.4	58.3	58.4	58.7	59.5	60.0	60.4	60.9	61.0	61.2	60.9	60.8	60.9
4	63.0	63.0	62.9	62.8	62.9	63.4	63.7	63.8	63.8	63.8	63.6	63.4	63.0	62.4	62.2
5	62.9	62.8	62.6	62.8	63.0	63.2	63.5	63.8	63.7	63.7	63.6	63.3	62.7	62.6	62.1
6	62.9	63.1	63.1	63.1	63.5	63.6	64.2	64.6	64.7	64.5	64.3	63.8	63.1	62.7	62.2
7	62.0	61.6	61.3	61.4	61.7	61.9	62.3	62.8	62.8	62.4	62.2	61.6	61.1	60.8	60.4
8	60.6	60.7	60.6	60.6	60.7	61.1	61.4	61.6	61.5	61.1	60.8	60.3	59.5	58.8	58.5
9	58.7	58.6	58.4	58.2	58.0	58.1	58.0	58.2	58.3	58.4	58.1	57.7	57.0	56.6	56.4
10	55.9	56.5	57.5	57.3	58.1	58.7	58.2	58.4	59.3	60.2	60.1	60.4	60.5	60.4	60.7
11	62.9	62.8	62.4	62.4	62.5	62.5	62.8	63.4	63.1	63.1	63.1	62.7	62.1	61.8	61.5
12	60.3	59.5	58.9	58.5	58.5	58.6	58.6	58.6	58.4	57.5	56.9	56.3	55.2	55.2	55.2
13	59.8	59.8	59.8	59.8	60.1	60.6	60.9	61.0	61.4	61.3	61.3	60.9	60.6	60.0	59.6
14	59.7	59.7	59.6	59.6	59.7	59.9	59.9	60.0	60.2	60.2	60.1	59.8	59.2	59.0	58.9
15	59.5	59.4	59.1	58.8	59.3	59.4	59.6	59.6	60.0	60.1	59.8	59.6	59.0	58.8	58.8
16	60.0	59.9	59.8	59.9	60.1	60.5	61.0	61.6	61.5	61.4	61.4	60.9	60.2	59.6	59.3
17	59.9	59.9	59.5	59.5	59.5	59.8	59.9	60.2	60.2	60.2	59.9	59.4	58.7	58.4	58.0
18	58.1	58.0	57.9	57.7	57.9	58.3	58.4	58.8	58.8	58.7	58.5	57.5	56.7	56.5	56.2
19	57.2	57.2	57.2	57.1	57.2	57.4	58.1	58.6	58.2	58.3	58.0	57.5	56.8	56.8	56.6
20	56.6	56.6	56.6	56.6	56.7	57.0	57.0	57.6	57.6	57.4	57.1	57.8	56.0	55.3	55.6
21	54.8	54.5	54.5	53.4	53.8	53.7	53.3	53.7	52.5	52.4	51.7	50.7	49.6	48.6	48.3
22	51.1	51.3	51.7	52.3	53.3	53.9	54.0	55.2	55.8	56.1	54.4	54.4	54.4	54.4	54.4
23	57.4	57.1	56.5	57.3	57.2	57.8	57.9	59.0	59.8	60.2	59.9	59.8	59.5	58.8	58.5
24	63.1	63.2	63.9	63.9	65.0	65.5	65.8	66.0	66.2	66.2	66.2	65.9	65.3	64.8	64.6
25	63.6	63.3	62.9	62.8	62.8	62.6	62.5	63.0	62.9	62.5	62.0	61.1	60.2	59.6	59.5
26	59.5	58.8	58.6	58.6	58.6	58.7	58.7	58.8	58.7	58.7	58.3	57.6	56.8	56.2	56.0
27	56.8	56.9	57.0	58.7	58.8	59.9	60.6	61.2	61.9	62.2	62.3	62.1	61.8	61.8	61.9
28	64.6	64.7	64.6	64.6	65.0	65.1	65.4	65.8	66.0	66.0	66.0	65.7	65.2	65.0	64.7
29	65.3	65.3	65.3	65.2	65.2	65.4	65.3	65.1	65.0	64.9	64.6	63.9	63.2	62.4	62.2
30	61.3	60.8	60.3	60.0	60.0	60.1	60.0	60.1	60.1	59.7	59.5	58.9	58.1	57.6	57.1
31															
Prom	60.0	60.0	59.7	59.7	60.0	60.2	60.4	60.7	60.8	60.8	60.6	60.2	59.6	59.2	59.0

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	6.2	6.0	5.1	4.2	4.4	4.4	4.6	9.0	11.5	13.3	14.4	15.5	15.9	16.2	15.5
2	4.8	4.8	4.2	4.3	4.5	4.4	4.6	8.6	10.3	11.8	13.1	14.0	14.4	14.5	14.4
3	11.4	11.5	11.6	9.7	9.2	8.3	8.5	10.6	13.1	15.4	17.2	19.0	19.8	20.7	21.4
4	8.2	8.4	8.1	8.1	8.0	8.2	8.1	13.2	16.0	18.1	19.3	19.9	21.0	21.3	21.4
5	10.2	10.4	10.8	11.0	10.8	10.7	10.0	14.9	18.7	20.8	21.9	22.5	23.0	23.1	23.1
6	13.4	14.0	13.4	13.4	13.4	12.7	12.5	15.9	18.2	20.5	22.9	24.0	24.7	24.7	24.8
7	16.3	16.1	16.1	16.1	15.4	15.6	15.7	18.1	20.6	22.6	24.6	25.8	26.7	27.1	27.2
8	19.4	18.7	18.1	18.0	18.1	18.2	18.5	18.6	20.0	23.0	25.5	26.8	27.8	27.9	27.2
9	19.2	18.9	18.6	18.1	17.9	18.1	18.3	21.2	22.9	24.5	25.8	27.0	27.9	27.1	26.7
10	20.1	20.1	20.0	18.9	18.9	18.4	18.0	17.6	17.7	17.3	17.3	17.5	17.8	18.1	18.2
11	11.9	11.2	10.1	9.4	8.5	7.5	7.5	11.3	14.0	15.6	16.9	18.1	18.7	19.7	19.5
12	9.3	9.0	9.1	9.3	9.4	9.3	9.6	13.1	14.3	17.8	20.0	21.6	23.0	24.2	25.2
13	12.5	11.3	10.5	10.0	8.8	8.9	8.3	12.8	16.7	18.7	20.1	21.2	21.9	22.4	22.8
14	12.2	12.1	11.9	12.0	12.1	12.2	12.3	15.2	13.3	21.4	23.8	25.3	26.4	26.9	27.0
15	16.7	16.8	17.0	16.9	16.0	15.7	15.6	18.3	16.2	18.4	25.1	26.0	27.0	27.4	27.8
16	18.2	17.7	17.4	17.4	17.2	17.3	17.5	20.3	23.0	25.2	27.3	29.2	29.6	30.4	30.2
17	19.0	18.8	18.3	18.1	18.4	17.9	18.2	20.5	23.8	25.5	27.4	27.7	29.7	30.2	30.0
18	17.9	17.4	16.9	16.4	16.2	16.1	16.1	19.5	21.4	24.5	26.4	27.4	28.1	28.9	28.7
19	19.7	19.3	18.8	18.3	17.7	17.7	17.9	19.8	23.4	24.1	27.0	28.5	29.2	29.8	29.8
20	20.9	20.8	20.7	20.4	20.0	19.4	19.4	20.3	21.6	24.4	26.8	27.4	29.6	30.6	29.4
21	22.5	22.4	22.2	21.9	21.8	21.9	21.6	21.6	22.1	24.8	26.8	29.0	29.6	30.1	29.9
22	17.1	17.0	17.1	17.2	16.8	16.0	16.3	16.0	16.5	16.9	18.8	21.4	22.1	22.1	21.4
23	11.3	11.4	11.3	10.9	10.9	11.1	11.3	11.7	11.8	12.4	12.9	13.2	13.7	15.0	15.4
24	8.7	8.5	8.2	7.7	7.1	6.7	6.3	8.0	9.6	11.1	12.6	13.4	14.0	14.7	14.4
25	4.0	4.0	4.1	4.0	4.2	4.3	6.9	9.0	12.4	14.3	15.9	17.5	18.5	19.5	19.9
26	11.2	10.4	10.3	9.6	9.4	8.9	8.7	12.5	15.5	18.1	20.7	23.0	24.7	25.4	25.3
27	14.2	14.3	13.2	13.1	13.3	13.3	13.7	14.7	15.3	17.1	18.5	18.7	19.6	19.9	19.5
28	8.6	8.1	7.8	7.4	6.8	6.6	6.9	9.2	12.6	14.0	15.1	16.0	17.3	16.8	16.9
29	11.6	10.6	10.0	10.0	10.0	9.6	10.7	12.8	14.1	16.1	17.5	19.5	20.4	21.1	21.0
30	13.8	13.5	13.3	12.8	12.7	11.5	12.1	14.0	16.0	19.9	22.0	23.7	24.4	25.1	25.2
31															
Prom	13.7	13.4	13.2	12.2	12.6	12.4	12.5	14.9	16.7	18.9	20.8	22.0	22.9	23.4	23.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
60.8	60.8	61.0	61.2	61.4	61.7	61.8	61.7	61.5	61.9	21-22	58.1	0	3.8	761.0 mm.	1014.6 mb.
58.0	57.8	57.8	57.8	58.4	58.4	58.3	58.4	58.5	61.3	0	57.4	18-19	3.9	59.3	1012.4
61.1	61.2	61.6	61.8	62.2	62.5	62.8	63.0	63.0	64.4	24	58.2	4	6.2	60.6	1014.1
62.1	62.0	62.1	62.4	62.6	62.7	62.8	62.9	62.9	63.9	9-10	62.0	17	1.9	62.9	1017.2
62.0	62.1	62.4	62.6	62.8	63.0	63.1	63.1	62.9	63.9	8-9	61.8	13-14	2.1	62.9	1017.2
62.1	62.1	62.1	62.2	62.2	62.4	62.4	62.4	62.2	64.7	9	62.0	16-17	2.7	63.1	1017.4
60.3	60.1	60.1	60.0	60.0	60.0	60.3	60.6	60.6	62.8	8	60.0	19,20,21	2.8	61.2	1014.9
58.3	58.2	58.4	58.7	58.8	59.0	58.9	58.8	58.8	61.6	8	58.1	17	3.5	59.8	1013.0
56.2	56.4	56.6	56.6	57.0	57.0	56.7	56.3	56.2	58.7	1	56.2	16,24	2.5	57.4	1009.8
60.5	61.1	61.1	61.5	61.8	61.9	62.4	62.9	63.1	62.9	24	55.6	1-2	7.3	59.9	1013.2
61.2	60.8	60.8	60.7	61.1	61.1	61.2	61.0	60.4	63.5	8-9	60.4	24	3.1	62.0	1016.0
55.1	55.6	56.1	57.1	57.5	58.3	58.9	59.3	59.8	60.4	0	54.9	15-16	5.5	57.7	1010.2
59.5	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.7	61.4	9	59.3	16-17	2.1	60.0	1013.6
59.0	59.0	59.1	59.5	59.6	59.7	59.8	59.6	59.6	60.4	9-10	58.0	16-17	2.4	59.6	1012.8
58.6	58.6	58.7	59.1	59.6	59.7	59.9	60.0	60.0	60.1	10	58.6	16,17	1.5	59.4	1012.5
59.3	59.3	59.3	59.6	59.7	59.8	59.9	59.9	59.9	61.6	8	59.2	16-17	2.4	60.2	1013.6
57.9	57.6	57.7	58.1	58.2	58.4	58.4	58.3	58.3	60.2	8,9,10	57.6	17	2.6	59.0	1012.0
56.1	55.9	55.8	56.1	56.2	56.4	56.4	56.4	56.5	58.8	9,10	55.8	18	3.0	57.2	1009.6
56.4	56.4	56.5	56.5	56.6	56.8	56.8	56.7	56.7	58.6	8	56.4	16,17	2.2	57.2	1009.6
55.9	56.0	56.0	56.2	56.2	56.1	56.1	55.8	55.2	57.8	8-9	55.2	24	2.6	56.5	1008.6
48.3	47.7	47.6	47.7	48.8	50.7	51.7	51.2	51.9	55.2	0	47.5	17-18	7.7	51.3	1001.7
54.4	54.7	55.3	55.8	56.3	56.4	56.6	57.2	57.3	57.3	24	50.9	0-1	6.4	54.6	1006.1
58.7	59.3	59.8	60.5	61.2	61.3	61.7	62.1	62.5	62.5	24	56.5	3	6.0	59.3	1012.4
64.6	64.2	64.2	64.0	63.9	63.8	63.8	63.8	63.8	66.3	9-10	62.5	0	3.8	64.6	1019.4
59.2	58.9	58.8	59.2	59.4	59.6	59.7	59.7	59.6	63.8	0	58.6	17-18	5.2	61.1	1014.8
55.8	55.6	55.8	56.0	56.0	56.3	56.6	56.6	56.7	59.6	0	55.6	17	4.0	57.4	1009.8
62.3	62.7	63.0	63.4	63.6	63.9	64.3	64.4	64.6	64.6	24	56.7	0	7.9	61.5	1015.3
64.8	64.8	64.9	65.3	65.4	65.5	65.4	65.4	65.4	66.1	8-9	64.5	0-1	1.6	65.2	1020.2
62.1	61.8	61.8	62.0	62.0	62.0	62.0	61.7	61.6	65.4	6	61.6	24	3.8	63.6	1018.1
57.0	57.0	57.1	57.5	57.5	57.5	57.5	57.5	57.2	61.6	0	56.8	16-17	4.8	58.7	1011.6
58.9	58.9	59.0	59.3	59.5	59.7	59.9	59.9	59.9	61.7		57.9		3.8	59.8	1013.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.8	15.1	13.0	10.8	8.8	7.8	7.1	6.4	6.2	16.4	14-15	4.2	4	12.2	9.9
15.2	14.7	13.2	12.2	11.5	11.4	11.5	11.7	11.2	15.3	15-16	4.2	3	11.1	10.2
20.9	19.3	16.8	13.8	11.6	9.9	9.5	8.8	8.6	21.4	15	8.3	6	13.1	13.6
21.5	20.7	16.9	14.6	13.0	12.2	11.5	11.0	10.0	21.8	14-15	8.0	5	13.8	14.1
22.9	22.1	19.1	17.0	15.5	15.2	14.0	13.2	13.3	23.2	15-16	10.0	7	13.2	16.4
24.6	23.1	21.3	19.4	17.4	17.0	16.9	16.9	16.5	24.9	14-15	12.5	7	12.4	18.4
27.2	26.2	23.8	23.0	21.4	18.8	19.0	19.1	19.1	27.2	15,16	15.4	5	11.8	20.9
27.1	25.3	23.1	21.5	20.8	19.8	18.8	19.1	19.4	28.3	13-14	17.8	4-5	10.5	21.7
26.6	25.0	23.2	22.2	22.0	21.3	21.0	20.8	20.5	28.0	13-14	17.8	5-6	10.2	22.3
17.8	17.6	17.1	16.3	15.9	15.4	14.5	13.6	12.8	20.5	0	12.8	24	7.7	17.4
19.2	18.4	15.1	12.5	10.9	10.0	9.5	8.9	9.2	19.8	14-15	7.4	6-7	12.4	13.1
24.7	23.0	20.9	19.0	17.4	16.5	15.4	14.5	13.2	25.2	15	9.0	2	16.2	16.2
22.6	20.5	18.1	15.7	14.3	14.0	13.2	12.5	12.4	23.0	15-16	8.3	7	14.7	15.4
26.6	25.0	22.2	20.3	19.2	18.3	17.4	17.3	17.3	27.0	15	11.9	3	15.1	18.6
27.5	26.7	23.8	21.6	20.4	19.5	19.2	18.9	18.7	27.9	14-15	15.4	6-7	12.5	20.7
29.9	28.8	24.2	22.6	21.5	21.0	20.7	20.1	19.8	30.4	14	17.2	5	13.2	22.8
29.0	27.0	23.5	21.6	21.2	19.7	19.1	18.5	18.2	30.5	13-14	17.7	6-7	12.8	22.6
28.2	26.2	24.2	22.4	21.8	21.4	21.2	21.1	20.8	28.9	14	15.9	6-7	13.0	22.0
29.6	27.6	25.2	24.1	23.3	22.2	21.5	21.6	21.1	29.9	14-15	17.6	6-7	12.3	23.2
28.0	26.0	25.4	24.3	23.0	22.8	22.6	22.6	22.6	30.9	14-15	19.3	6-7	11.6	23.7
29.5	28.2	26.5	25.4	24.4	21.4	19.2	17.8	17.5	30.4	13-14	17.5	24	12.9	24.1
21.1	19.9	17.5	15.1	13.8	12.2	11.3	11.3	11.5	22.1	13,14	11.3	22,23	10.8	17.0
14.6	13.7	12.1	10.9	10.6	10.2	10.1	10.0	9.3	15.5	15-16	9.3	24	6.2	11.9
14.5	13.2	9.8	8.1	6.6	5.0	4.6	4.6	3.9	14.9	14-15	3.9	24	11.0	9.2
19.8	18.0	15.9	14.5	13.6	12.4	12.2	12.3	12.1	19.9	15	3.9	0	16.0	12.0
25.2	21.2	18.1	17.1	16.2	16.2	16.0	15.4	14.7	25.4	14	8.7	7	16.7	16.4
17.7	16.2	15.0	13.6	11.8	10.7	10.1	9.3	9.0	19.9	14	9.0	24	10.9	14.6
16.3	15.0	12.8	12.1	12.1	12.0	11.9	11.8	11.7	17.3	13	6.6	6	10.7	11.9
20.6	18.4	16.5	15.2	14.2	13.7	13.6	13.8	13.9	21.2	13-14	9.6	6	11.6	14.8
24.8	23.5	20.2	18.0	16.8	16.6	15.7	15.9	16.0	25.2	15	11.5	6	13.7	17.8
23.0	21.5	19.2	17.4	16.4	15.5	14.9	14.6	14.4	23.7		11.4		12.3	17.1

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	81	81	83	87	82	82	80	66	58	55	54	52	48	46	46
2	93	95	95	94	94	92	92	82	71	67	59	56	55	54	56
3	85	86	88	95	96	98	98	82	74	68	58	55	51	50	48
4	94	94	94	93	92	92	92	90	70	55	51	48	47	45	43
5	97	100	100	97	96	97	94	84	78	56	51	50	48	52	52
6	94	85	86	86	87	90	92	80	72	62	54	52	47	48	49
7	88	90	90	91	92	91	91	80	70	60	56	51	47	45	44
8	85	87	91	92	91	89	88	83	68	60	53	51	47	46	47
9	86	87	87	90	92	90	90	77	70	64	59	56	51	50	51
10	84	82	92	93	96	98	97	98	96	94	91	89	86	85	80
11	90	92	93	95	96	97	99	87	69	60	56	50	47	43	46
12	84	84	87	88	88	88	86	83	78	68	60	59	59	54	53
13	96	97	92	97	96	96	93	92	73	65	57	53	50	49	48
14	97	97	97	95	94	93	93	85	84	75	69	61	56	53	52
15	92	92	91	92	94	93	93	82	70	66	61	58	53	53	52
16	89	91	91	90	91	91	90	83	72	67	58	50	46	46	46
17	89	90	92	93	94	96	95	86	77	70	63	54	50	45	45
18	90	91	92	95	96	98	98	84	80	71	62	60	56	54	54
19	92	94	96	96	97	100	100	95	79	77	66	56	53	50	48
20	90	90	90	89	88	91	91	85	81	72	61	62	54	54	56
21	85	86	86	86	84	84	84	83	79	68	62	57	55	54	53
22	90	9[illegible]	94	94	91	89	89	93	87	76	67	60	59	60	65
23	75	69	62	68	63	76	73	63	64	54	48	46	47	50	49
24	95	94	95	95	96	95	95	81	74	66	55	53	48	46	47
25	98	98	95	95	96	95	94	81	65	64	49	42	40	39	39
26	89	93	93	94	94	94	93	83	71	61	52	42	33	30	32
27	85	83	88	89	88	85	70	65	59	53	52	53	52	52	56
28	82	81	81	82	86	88	83	73	64	60	61	61	59	53	54
29	84	87	91	93	93	95	94	81	74	86	63	60	58	59	62
30	97	97	97	97	97	97	96	94	86	77	67	61	57	52	50
31															
Prom.	89	90	90	91	91	90	90	82	73	66	59	55	52	50	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	5.8	5.6	5.4	5.4	5.0	5.0	4.8	5.8	5.8	6.0	6.4	6.8	6.4	6.4	6.2
2	5.8	5.8	5.6	5.6	5.8	5.8	5.8	6.9	6.6	6.8	6.4	6.8	6.4	6.7	7.0
3	8.0	8.5	8.5	8.0	8.0	7.8	8.0	7.8	8.0	8.5	8.0	8.5	9.0	9.1	9.0
4	7.4	7.6	7.4	7.4	7.4	7.4	7.4	10.2	9.0	8.0	8.5	8.0	8.5	8.7	8.0
5	9.0	9.0	9.0	9.5	9.0	9.0	8.5	10.7	12.0	10.0	10.0	9.5	9.5	10.8	11.0
6	10.5	9.5	10.0	10.0	10.0	9.5	10.0	10.8	11.0	11.0	10.5	11.5	11.0	11.1	11.0
7	12.0	11.5	11.5	12.5	12.0	12.0	12.0	12.4	12.0	11.5	13.0	13.0	12.0	12.0	11.5
8	13.5	14.0	14.0	14.0	14.0	13.5	13.5	13.2	11.5	12.0	12.5	13.5	13.0	13.0	12.5
9	14.5	14.0	13.5	13.0	13.5	13.5	13.5	14.4	14.0	14.0	14.0	15.0	14.5	13.6	13.5
10	14.5	14.5	16.0	15.0	15.5	15.0	14.5	14.7	14.5	13.0	13.0	12.5	13.0	13.2	11.5
11	8.5	8.5	8.0	7.8	7.8	7.4	7.4	8.7	7.8	7.4	7.2	7.2	7.6	7.5	7.8
12	7.2	7.0	7.4	7.6	7.6	7.6	7.6	9.4	9.0	10.0	9.5	10.5	11.5	12.2	12.0
13	10.0	9.5	8.5	8.5	8.0	8.0	7.4	10.1	10.0	9.5	10.0	9.5	9.0	9.9	9.5
14	10.0	10.0	9.5	9.0	9.5	9.5	9.5	10.9	9.0	13.5	14.5	14.5	14.5	14.0	13.5
15	12.5	13.0	13.0	13.0	12.0	12.0	12.0	12.9	9.0	10.0	14.5	14.0	13.5	14.4	14.0
16	13.5	13.5	13.5	12.5	13.5	13.5	13.0	14.8	15.0	16.0	15.5	14.0	14.5	14.8	15.0
17	14.0	14.0	15.0	14.0	14.5	14.5	14.0	15.4	17.0	16.0	17.0	14.5	14.5	14.3	13.5
18	13.0	13.5	13.0	12.5	13.0	13.0	13.0	13.4	14.5	16.5	16.0	15.5	16.0	16.0	15.0
19	15.5	15.5	14.5	15.0	14.5	14.5	14.5	15.6	16.5	17.0	18.0	16.5	15.5	15.1	14.5
20	16.0	16.0	15.5	15.5	15.0	15.5	15.5	15.1	15.5	16.5	16.0	17.0	16.5	17.7	17.5
21	16.5	17.5	17.0	16.0	16.0	16.0	15.5	16.0	15.5	15.5	16.0	17.0	16.0	17.1	16.5
22	12.5	13.0	13.0	13.0	13.0	12.0	12.0	12.6	12.0	11.0	10.5	10.5	11.0	11.9	11.5
23	7.2	6.8	6.2	6.4	6.0	7.6	7.2	6.6	6.4	5.6	5.2	5.4	5.4	6.4	6.2
24	7.6	7.6	7.4	7.2	7.2	6.6	6.6	6.5	6.4	6.6	6.2	6.0	5.6	5.7	5.8
25	5.8	5.8	5.6	5.6	6.0	5.8	6.8	7.0	6.6	7.6	6.4	6.2	6.0	6.6	6.4
26	8.5	8.5	8.5	8.0	8.0	7.8	7.8	8.7	9.0	9.5	9.5	8.5	7.6	7.5	7.8
27	9.5	10.0	9.5	9.5	10.0	9.0	7.8	8.2	7.4	7.6	8.0	8.0	8.5	9.0	9.5
28	6.8	6.6	6.4	6.2	6.4	6.2	6.0	6.4	6.8	6.8	7.8	8.5	8.5	7.6	7.4
29	8.0	8.0	8.5	8.5	8.5	8.0	8.5	9.0	8.5	11.5	9.0	9.5	10.0	11.2	11.5
30	11.0	11.0	11.0	10.5	10.5	9.5	10.0	11.2	11.5	13.0	13.0	13.5	13.0	12.5	11.0
31															
Prom.	10.5	10.5	10.4	10.2	10.2	10.1	10.0	10.8	10.6	10.9	11.1	11.0	10.9	11.2	10.9

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
5.6	5.4	6.4	7.0	7.1	6.8	6.6	6.6	6.2	7.1	20	4.8	7	2.3	6.0
6.6	7.0	7.0	7.6	8.4	8.0	8.0	7.8	8.5	8.5	24	5.6	3,4	2.9	6.8
8.5	8.5	8.5	7.8	8.9	8.0	8.0	7.8	7.6	9.1	14	7.6	24	1.5	8.3
9.0	9.5	9.5	10.0	9.6	9.0	9.0	9.0	8.5	10.2	8	7.4	1,3-7	2.8	8.5
9.5	10.0	10.0	10.0	11.0	10.5	10.0	10.0	11.0	12.0	9	9.0	1-3,5,6	3.0	9.9
11.0	11.0	11.5	12.0	11.2	11.0	11.0	11.5	12.0	12.0	19,24	9.5	2,6	2.5	10.8
12.5	13.0	13.5	13.0	13.0	13.0	13.5	13.5	13.5	13.5	18,22-24	11.5	2,3,10,15	2.0	12.5
12.5	12.5	13.0	13.5	13.3	14.0	14.0	14.0	13.5	14.0	2-5,21-23	11.5	9	2.5	13.2
12.0	13.5	14.0	15.0	16.0	15.5	15.0	14.5	13.5	16.0	20	12.0	16	4.0	14.1
11.5	12.0	11.5	11.5	11.3	10.5	10.0	9.5	10.0	16.0	3	9.5	23	6.5	12.8
7.0	8.0	9.0	9.0	8.7	8.0	8.0	7.4	7.0	9.0	18,19	7.0	24	2.0	7.9
13.0	12.5	14.0	12.5	11.9	11.0	11.5	11.0	10.5	14.0	18	7.0	2	7.0	10.2
10.5	11.0	11.5	11.0	11.5	10.0	10.0	9.5	10.0	11.5	18,20	7.4	7	4.1	9.7
13.0	13.0	13.0	14.0	14.0	13.5	12.5	12.5	12.5	14.5	11-13	9.0	4,9	5.5	12.1
14.0	16.0	15.5	14.5	15.3	14.5	14.0	14.0	13.5	16.0	17	9.0	9	7.0	13.4
15.0	19.5	17.5	16.5	17.1	16.0	15.5	15.0	15.0	19.5	17	12.5	5	7.0	15.0
14.0	15.5	15.5	13.5	14.7	14.0	13.5	13.5	13.5	17.0	9,11	13.5	15,19,22-24	3.5	14.6
15.0	14.5	15.0	15.5	16.3	15.5	15.5	16.0	16.0	16.3	20	12.5	4	3.8	14.7
14.5	15.5	17.0	17.0	17.3	17.0	16.5	16.5	17.0	18.0	11	14.5	3,5-7	3.5	15.9
17.5	18.0	18.5	18.5	19.0	19.0	18.5	17.5	16.5	19.0	20,21	15.0	5	4.0	16.8
16.0	16.0	16.0	16.0	17.2	15.5	15.0	14.0	13.0	17.5	2	13.0	24	4.5	16.0
12.5	10.0	10.5	8.5	10.1	8.5	8.0	7.6	7.2	13.0	2-5	7.2	24	5.8	10.9
6.4	6.6	6.6	7.0	7.6	7.6	8.0	8.5	8.5	8.5	23,24	5.2	11	3.3	6.7
5.8	6.4	7.0	7.0	6.9	6.0	6.2	6.2	5.8	7.6	1,2	5.6	13	2.0	6.5
6.4	6.4	7.6	8.0	8.0	8.5	8.5	8.5	8.5	8.5	21-24	5.6	3,4	2.9	6.9
9.0	9.5	9.5	10.5	12.5	10.5	10.5	10.5	10.0	12.5	20	7.5	14	5.0	9.1
9.0	8.5	8.5	8.0	8.3	8.0	8.0	7.6	7.0	10.0	2,5	7.0	24	3.0	8.5
7.8	7.2	7.8	8.0	8.9	9.0	9.0	9.0	8.5	9.0	21,23	6.0	7	3.0	7.5
12.0	12.0	12.0	11.0	11.2	11.0	11.0	11.0	11.5	12.0	16-18	8.0	1,2,6	4.0	10.0
12.0	12.0	13.5	12.5	12.7	13.0	13.0	12.0	12.5	13.5	12,18	9.5	6	4.0	11.9
11.0	11.3	11.7	11.5	12.0	11.4	11.3	11.1	10.9	12.8		9.0		3.8	10.9

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	6	SW	6	W	6	W	5	W	7	W	5	W	7	SW	10	SW	17	SW	17	SW	17	SW	15	SW	19	SW	18	SW	15
2	W	5	W	4	W	3	NW	5	NW	4	NW	6	NW	5	NW	7	NW	9	NW	10	NW	11	NW	14	N	14	NW	14	NW	12
3	NE	15	N	16	N	10	NW	6	NW	6	NW	6	SW	7	SW	5	S	5	SW	3	S	4	S	5	S	6	S	7	S	7
4	S	3	N	3	Calma	0	N	2	N	3	N	4	NW	4	NW	3	NW	6	NW	8	N	7	N	6	N	4	NW	4	NW	4
5	NE	2	NE	3	NE	5	N	4	N	4	N	3	N	3	NE	3	NE	5	NE	8	NE	7	NE	6	NE	6	NE	9	E	9
6	E	7	NE	10	NE	8	NE	9	NE	10	NE	9	NE	7	NE	11	NE	11	NE	13	NE	14	NE	15	NE	15	NE	14	NE	11
7	E	10	E	8	E	9	NE	11	NE	10	NE	13	NE	11	NE	11	NE	22	NE	20	NE	17	NE	19	NE	21	NE	23	N	20
8	NE	10	NE	13	N	11	NE	11	NE	10	NE	12	NE	10	NE	12	N	17	N	15	N	15	N	18	N	18	N	22	N	18
9	N	8	N	12	N	11	N	13	N	13	N	14	N	14	N	15	N	21	NW	18	NW	19	NW	19	NW	19	NW	19	NW	14
10	NW	11	NW	10	SW	8	S	10	SE	8	SW	2	SW	6	SW	4	SE	8	SE	9	SE	7	SE	6	SE	5	SE	5	SE	6
11	SE	5	SE	5	SE	3	SE	3	Calma	1	Calma	1	S	5	S	4	SE	6	SE	4	SE	5	SW	7	S	6	SW	8	SW	9
12	NW	7	NW	4	NW	7	NW	9	NW	9	NW	10	NW	11	NW	14	NW	18	NW	22	NW	26	NW	30	NW	28	W	28	W	22
13	Calma	1	SW	2	SW	2	Calma	1	SW	2	S	4	Calma	1	SE	2	E	5	NW	3	NW	5	NW	5	NW	5	NW	5	NW	5
14	N	6	N	6	N	6	N	8	NE	8	NE	9	NE	9	NE	10	NE	15	NE	17	NE	14	N	17	N	16	N	15	NW	17
15	N	11	N	15	N	17	N	18	NW	13	N	10	N	9	NW	17	NW	24	NW	20	NW	19	NW	21	NW	20	NW	20	NW	17
16	NW	11	NW	10	NW	10	NW	9	NW	9	NW	7	NW	6	NW	6	NW	9	NW	12	NW	12	NW	9	NW	9	NW	14	NW	14
17	N	9	N	10	NW	8	NW	10	N	6	NW	6	NW	9	NW	14	NW	13	NW	17	NW	15	NW	17	NW	18	NW	18	NW	15
18	NE	10	NE	8	N	6	N	6	N	7	NE	6	N	6	N	9	NW	14	NW	12	NW	12	NW	14	NW	15	NW	16	NW	14
19	NW	13	NW	11	NW	12	NW	7	NW	6	N	7	N	8	NW	10	NW	20	NW	22	NW	20	NW	20	NW	20	NW	18	NW	16
20	N	12	NW	14	NW	16	NW	16	NW	14	NW	12	N	12	N	12	NW	12	NW	15	NW	15	NW	16	NW	17	NW	18	W	17
21	NW	16	NW	18	NW	22	NW	22	NW	24	NW	18	NW	16	NW	15	NW	27	NW	23	NW	26	NW	30	NW	33	NW	39	NW	41
22	NE	4	NE	9	NE	6	W	3	SW	10	S	10	S	3	W	5	SW	8	S	5	SW	7	SW	8	SW	12	SW	9	SW	7
23	SW	5	SW	5	S	4	SW	5	SW	5	SW	6	SW	6	SW	8	S	14	SW	10	SW	10	SW	11	SW	14	SW	13	SW	16
24	S	13	SE	12	SE	9	SE	10	S	11	S	11	S	8	S	10	SE	12	SE	11	SE	9	SE	14	SE	11	S	14	S	11
25	NW	3	NW	4	NW	6	NW	4	NW	5	NW	7	NW	10	NW	11	NW	17	NW	23	W	29	NW	27	NW	26	W	28	W	22
26	W	12	W	10	W	11	NW	9	NW	10	NW	11	NW	10	NW	12	NW	18	NW	13	NW	12	NW	13	NW	17	NW	19	NW	21
27	W	12	W	11	W	10	W	11	S	9	SE	6	SE	10	SE	10	SE	14	SE	12	SE	13	SE	11	SE	10	SE	8	E	9
28	E	6	E	5	E	5	E	3	E	4	E	3	E	4	E	5	E	8	E	8	E	6	NE	10	NE	10	NE	13	NE	10
29	NE	10	NE	8	NE	7	NE	8	NE	9	NE	8	NE	8	NE	12	NE	16	NE	14	NE	11	NE	10	NE	10	NE	12	NE	10
30	N	9	N	10	W	11	N	13	N	10	NW	9	NW	7	NW	9	NW	14	NW	16	NW	18	W	15	W	17	W	17	W	13
31																														
DIRECCION PREVALENTE	N-NE NW		N-NW		N-NW		NW		NW		NW		NW		NW		NW		NW		NW		NW		NW		NW		NW	
NUMERO DE HORAS	6		7		7		10		10		10		9		11		13		15		13		13		12		12		12	
PROM. HOR. DE LA VELOCIDAD		8		9		8		8		8		8		8		9		14		13		13		14		15		16		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
SW	15	SW	13	S	9	SW	4	SW	4	W	3	W	5	W	5	W	5	SW	14	10	31	SW	12.21
NW	9	NW	9	N	6	NE	6	N	6	NE	9	NE	9	NE	11	NE	9	NW	13	8	18	NW	12.20
S	7	S	6	S	4	S	2	Calma	1	Calma	0	Calma	1	Calma	0	Calma	0	S	10	5	18	NE	0.59
NW	4	NW	3	NE	3	NE	4	NE	4	NE	4	NE	3	NE	2	Calma	1	NW	8	4	10	NE	11.20
E	9	E	7	E	7	E	6	E	8	E	8	E	4	E	6	E	7	E NE	10	6	12	NE	13.54
NE	16	NE	13	E	8	E	7	NE	8	E	8	E	9	NE	8	NE	9	NE	19	10	21	NE	12.32
N	19	NE	15	NE	9	NE	9	NE	10	NE	10	NE	10	NE	10	NE	10	NE	19	14	31	NE	13.08
N	17	N	12	NE	8	NE	7	NE	7	NE	7	NE	6	NE	7	NE	9	NE	15	12	26	N	12.16
NW	12	NW	11	N	7	NE	8	N	8	N	8	N	9	N	11	NW	12	N	14	13	30	NW	11.54
SE	7	SE	4	S E	4	SE	4	SE	6	SE	7	SE	6	SE	4	SE	7	SE	17	6	21	S	4.33
SW	9	S	4	Calma	1	Calma	0	Calma	1	Calma	0	NW	3	NW	5	NW	4	SE	7	4	14	SW	14.48
SW	16	SW	12	SW	5	S	6	SE	4	SE	4	SE	3	SE	4	SE	2	NW	13	12	40	NW	11.36
NW	5	NE	5	NE	5	NE	4	NE	4	NE	5	N	6	NE	5	N	6	NW	7	4	9	NE	15.37
NW	17	N	13	N	7	NE	8	N	10	N	10	N	10	N	11	N	15	N	14	11	21	NW	14.59
NW	14	NW	11	N	8	N	7	N	8	NW	9	NW	10	NW	12	NW	11	NW	15	14	29	NW	8.41
NW	16	NE	9	NE	6	N	4	N	6	N	7	N	7	N	9	N	11	NW	16	9	16	N	16.12
NW	16	N	10	N	7	N	10	N	12	N	11	N	11	N	8	N	8	NW	13	12	20	NW	13.12
NW	15	NW	12	N	7	N	6	N	8	N	8	N	9	N	9	N	10	N	12	10	21	NW	14.22
NW	16	N	10	N	10	N	10	N	11	N	11	N	7	N	10	N	15	NW	14	13	27	NW	10.48
W	16	W	10	W	4	W	2	S	4	E	5	NE	5	NE	9	N	8	NW	11	14	27	NW	14.24
NW	35	NW	32	NW	24	NW	20	NW	16	S	14	S	15	SE	12	SE	11	NW	20	23	49	NW	14.16
SW	5	S	6	S	4	S	4	S	5	SW	4	SW	3	SW	6	SW	5	SW	12	6	22	S	16.22
S	20	S	17	S	15	SW	8	S	12	S	13	S	15	S	16	S	15	SW	14	11	34	S	15.47
S	10	S	7	S	2	Calma	0	S	2	W	2	W	4	W	4	W	4	S	11	8	23	S	1.02
W	22	W	16	W	12	W	12	W	10	W	8	W	9	W	12	W	14	NW W	12	14	38	W	10.08
NW	20	NW	16	NW	13	NW	11	NW	12	NW	13	W	15	W	16	W	15	NW	18	14	26	NW	15.16
E	8	E	7	E	4	SE	6	SE	5	E	4	E	3	E	5	E	4	SE	11	8	24	W	3.59
NE	10	NE	7	NE	7	NE	5	NE	6	NE	8	NE	7	NE	6	NE	7	NE	13	7	14	NE	13.42
NE	11	NE	10	NE	7	NE	6	NE	5	NE	6	N	9	NE	9	NE	8	NE	23	9	18	NE	8.10
W	11	W	8	W	2	NW	3	NW	3	NW	5	NW	5	NW	5	NW	8	NW	12	10	21	W	13.58
NW		NW		N-NE		NE		N		NE		N		NE		N		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		60 Km.		
12		7		7		9		8		7		8		9		7		NW	200	10	DIRECCIÓN	DÍA	HORA
	14		10		7		6		7		7		7		8		8				NW	21	de 14.40 a 14.45

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									1	9	14	176	9	48				233
2	3	26	5	44									3	12	13	115		197
3	2	26	1	15					10	53	3	15			3	18	5	129
4	7	29	6	20					1	3					8	36	2	89
5	4	14	10	54	10	71												139
6			19	212	5	38												250
7	2	39	19	261	3	27												327
8	9	152	15	140														292
9	14	164	1	8											9	143		315
10							17	103	1	10	4	20			2	21		154
11							7	31	4	19	4	33			3	12	6	99
12							5	17	1	6	3	33	2	50	13	195		301
13	2	12	6	28	1	5	1	2	1	4	3	6			7	33	3	93
14	14	150	8	90											2	34		274
15	9	103													15	238		341
16	6	44	2	15											16	163		222
17	11	102													13	176		278
18	12	91	3	24											9	124		239
19	10	99													14	211		310
20	4	44	2	14	1	5			1	4			5	49	11	165		281
21							2	23	2	29					20	495		549
22			3	19					7	37	12	84	2	8				148
23									10	141	14	122						263
24							8	88	11	99			4	14			1	201
25													12	194	12	143		337
26													6	79	18	250		329
27					8	44	11	105	1	9			4	44				202
28			13	106	11	57												163
29	1	9	23	215														224
30	5	53											7	83	12	102		238
31																		
SUMAS	115	1157	136	1265	39	247	51	369	51	423	57	489	54	581	200	2676	17	7217
% PREVAL POR VELOCIDAD	16.0		17.5		3.4		5.1		5.9		6.8		8.0		37.1		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		9		6		7		8		8		11		13		0	239

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	6	6	3	1	2	2	3	6	1
1 - 2	7	6	2	2	0	3	3	7	0
2 - 3	7	4	2	2	1	2	4	7	1
3 - 4	7	4	1	2	1	1	3	10	1
4 - 5	6	5	1	1	2	3	1	10	1
5 - 6	5	6	1	1	3	2	1	10	1
6 - 7	6	5	1	1	3	3	1	9	1
7 - 8	3	6	1	2	2	4	1	11	0
8 - 9	2	5	2	4	2	2	0	13	0
9 - 10	1	5	1	4	1	3	0	15	0
10 - 11	2	5	1	4	1	3	1	13	0
11 - 12	3	5	0	3	1	4	1	13	0
12 - 13	4	5	0	3	2	3	1	12	0
13 - 14	2	5	0	2	2	4	3	12	0
14 - 15	2	3	2	1	2	4	4	12	0
15 - 16	2	3	2	1	3	4	3	12	0
16 - 17	4	6	2	1	5	2	3	7	0
17 - 18	7	7	3	1	5	1	3	2	1
18 - 19	5	9	2	2	3	2	2	3	2
19 - 20	8	7	1	3	4	1	1	3	2
20 - 21	6	7	4	2	2	1	3	3	2
21 - 22	8	6	3	2	2	1	4	3	1
22 - 23	6	9	2	3	1	1	4	3	1
23 - 24	7	6	2	3	1	1	4	4	2
SUMAS	116	135	39	51	51	57	54	200	17
% de frec. por dirección	16.1	18.7	5.4	7.0	7.0	7.9	7.5	27.8	2.4

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	Claro	0	Claro	0	Cu	1	Cu	1	Claro	0	99	99	99
2	Ac	7	As	8	As	8	Ac	8	As	8	7	9	9
3	Claro	0	Claro	0	Cu	1	Cu	1	Claro	0	8	9	8
4	Claro	0	Cu	1	Cu	1	Claro	0	Claro	0	7	8	9
5	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	7	8
6	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	8
7	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	9	7	7
8	Sc	7	Ac	1	Cu	2	Sc	1	Sc	1	7	7	7
9	Ci	7	Ci	6	Cu 2 Ci 3	5	Cs	8	Cs	8	8	8	8
10	Fn	8	Sc	8	Fn	8	St	8	As	8	6	8	9
11	Ci	1	Ci	1	Ci	1	Ci	2	Claro	0	8	9	9
12	Ac	7	Ci 1 Cc 1	2	Ci	5	Claro	0	Ci	2	8	7	9
13	Ci	1	Ci	1	Ci	1	Ci	2	Ci	2	6	8	6
14	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	8	8	8
15	Ac	2	Ac	3	Cu	1	Claro	0	Claro	0	7	8	8
16	Ac	3	Ac	1	Claro	0	Claro	0	Claro	0	8	7	7
17	Ac	5	Ac	3	Claro	0	Claro	0	Claro	0	7	8	9
18	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	7
19	Ci	4	Ci	2	Ci	1	Cs	8	Claro	0	6	7	9
20	Ac	7	Ac	3	Ac	4	As	8	As	8	8	7	8
21	Ac 5 As 3	8	Ci	8	Cu 1 Cs 6	7	Ci	3	St	8	8	6	7
22	Sc	8	Ac	6	Cu 1 As 7	8	Ac 2 As 4 Fc 2	8	Claro	0	6	8	8
23	As	8	As	8	Ci	8	Sc 4 Ci 2	6	Claro	0	9	9	9
24	Claro	0	Cu	6	Cu	1	Cu 1 Cs 7	8	Claro	0	9	8	9
25	Ac	6	Ac	1	Ci	1	Ci	1	Claro	0	7	9	9
26	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	9	9
27	Ac	6	Ci 1 Ac 1	2	Cu 2 Ac 3	5	Sc	8	Claro	0	7	7	7
28	Cs	1	Cu 5 Ci 1	6	Cu 1 Ci 7	8	Ci	5	Claro	0	5	8	9
29	Cs	8	Cs	6	Cu 1 Ci 7	8	Ci	8	Claro	0	7	8	7
30	Ci	3	Ci	3	Cu 1 Cc 3	4	Cc	2	Cc	1	7	7	7
31													
Prom.		4		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	37.8	16.8	1.71	0	5	5	
	10	41.2	19.0	1.80	0	5	5	
	12	42.4	21.6	1.60	1	5	5	
	14	44.8	21.4	1.90	1	5	5	
	15	29.9	17.0	1.05	2	3	5	
2	9				8	0	5	Am.
	10	22.4	13.0	0.76	8	0	5	
	12	21.6	15.0	0.54	8	0	5	
	14	21.6	15.5	0.50	8	0	5	
	15	25.5	16.5	0.73	7	2	5	
3	9	38.2	17.5	1.68	0	5	5	
	10	41.9	20.0	1.78	0	5	5	
	12	45.0	23.5	1.75	0	5	5	
	14	45.5	24.9	1.67	1	5	5	
	15	45.6	25.2	1.66	3	5	5	
4	9	40.9	20.9	1.63	2	5	5	
	10	44.0	22.9	1.72	3	5	5	
	12	46.5	25.0	1.75	1	5	5	
	14	45.6	25.3	1.65	1	5	5	
	15	43.4	24.7	1.52	0	5	5	
5	9	42.7	22.4	1.65	0	5	5	
	10	45.4	24.6	1.60	0	5	5	
	12	46.5	24.7	1.77	0	5	5	
	14	46.2	27.0	1.56	0	5	5	
	15	44.4	26.0	1.50	0	5	5	
6	9	42.6	23.2	1.58	0	5	5	
	10	46.5	25.7	1.60	0	5	5	
	12	47.5	26.3	1.72	0	5	5	
	14	47.3	28.4	1.54	0	5	5	
	15	45.9	27.6	1.49	0	5	5	
7	9	43.7	24.6	1.55	0	5	5	
	10	47.4	27.1	1.65	0	5	5	
	12	50.9	30.7	1.64	0	5	5	
	14	50.0	31.8	1.48	0	5	5	
	15	46.8	30.2	1.35	0	5	5	
8	9	45.3	26.2	1.55	6	3	5	
	10	48.3	28.0	1.65	3	3	5	
	12	51.1	31.5	1.59	1	5	5	
	14	51.5	32.0	1.58	2	3	5	
	15	46.2	30.5	1.28	3	3	5	
9	9	43.0	26.8	1.32	6	2	5	
	10	48.5	29.0	1.58	7	4	5	
	12	51.5	31.5	1.63	8	4	5	Js.
	14	38.0	29.0	0.73	5	0	5	
	15	39.7	29.4	0.84	8	2	5	
10	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	5	Am.
	14	21.4	18.4	0.24	8	0	5	
	15				8	0	5	Am.
11	9	37.0	18.5	1.50	2	4	5	
	10	42.1	20.6	1.75	2	5	5	
	12	44.5	23.0	1.75	0	5	5	
	14	43.7	23.3	1.66	1	5	5	
	15	39.6	22.0	1.43	3	4	5	
12	9	24.5	16.6	0.64	7	0	5	
	10	42.7	23.2	1.58	5	3	5	
	12	47.0	26.5	1.67	2	5	5	
	14	47.7	27.5	1.64	5	4	5	
	15	35.5	25.8	0.79	4	0	5	
13	9	40.2	20.6	1.59	1	5	4	B.
	10	43.7	22.7	1.71	2	5	4	B.
	12	46.5	25.1	1.74	2	5	5	
	14	44.6	26.2	1.50	1	5	5	
	15	43.2	25.3	1.46	2	5	5	
14	9	40.5	22.8	1.44	0	5	5	
	10	45.8	26.1	1.60	0	5	5	
	12	49.5	29.8	1.60	0	5	5	
	14	49.2	30.5	1.52	1	5	5	
	15	45.5	29.5	1.30	2	4	4	B.
15	9	39.6	24.7	1.21	6	1	5	
	10	41.7	26.6	1.23	5	1	5	
	12	50.4	30.7	1.60	1	5	5	
	14	49.0	31.3	1.44	1	5	5	
	15	47.6	31.0	1.35	1	5	5	
16	9	38.3	26.1	0.99	4	3	5	
	10	43.7	28.7	1.22	2	5	5	
	12	51.7	33.7	1.46	0	5	5	
	14	50.9	33.8	1.39	0	5	5	
	15	47.5	32.9	1.19	0	5	5	
17	9	47.0	28.5	1.50	3	5	5	
	10	47.4	29.5	1.46	3	3	5	
	12	52.1	32.8	1.57	1	5	5	
	14	51.4	33.6	1.45	0	5	5	
	15	49.0	32.8	1.32	0	5	5	
18	9	43.7	25.5	1.48	0	5	5	
	10	48.1	29.3	1.53	0	5	5	
	12	50.8	31.5	1.57	0	5	5	
	14	50.5	32.4	1.47	0	5	5	
	15	48.3	36.8	0.93	0	5	5	
19	9	47.4	28.1	1.57	6	4	5	
	10	47.4	29.2	1.48	6	4	5	
	12	51.7	32.8	1.54	2	5	5	
	14	51.2	33.4	1.45	1	5	5	
	15	48.8	32.8	1.30	2	5	5	
20	9	33.7	24.4	0.76	7	3	5	
	10	41.7	27.4	1.16	4	5	5	
	12	45.4	30.5	1.21	6	2	5	
	14	52.8	34.4	1.50	4	3	5	
	15	33.8	29.4	0.36	8	0	4	B.
21	9	30.3	23.6	0.54	8	0	4	
	10	41.0	27.9	1.15	8	1	4	B.
	12	50.1	32.9	1.40	8	4	4	B.,Js.
	14	47.8	33.2	1.19	7	4	4	
	15	41.0	31.0	0.81	8	2	4	B.
22	9				8	0	5	Am.
	10	24.4	18.5	0.48	8	0	5	
	12	35.4	23.4	0.98	5	2	5	
	14	33.7	23.4	0.84	8	1	5	
	15	28.3	21.4	0.56	8	1	5	
23	9	18.5	13.0	0.45	8	0	5	
	10	22.3	14.2	0.66	8	0	5	
	12	26.9	15.9	0.89	8	0	5	
	14	38.1	19.3	1.53	8	0	5	
	15	38.5	19.2	1.57	3	4	5	
24	9	34.4	14.6	1.61	0	5	5	
	10	37.8	16.4	1.74	0	5	5	
	12	30.0	16.5	1.10	6	3	5	
	14	36.7	19.0	1.44	1	5	5	
	15	36.9	18.4	1.50	1	5	5	
25	9	27.5	15.0	1.01	7	1	5	
	10	38.5	19.4	1.55	2	5	5	
	12	40.4	22.2	1.48	0	5	5	
	14	42.1	23.4	1.52	1	5	5	
	15	40.1	22.9	1.40	1	5	5	
26	9	36.5	19.0	1.42	0	5	5	
	10	42.0	22.4	1.59	0	5	5	
	12	45.9	27.4	1.50	0	5	5	
	14	46.8	28.8	1.46	0	5	5	
	15	44.0	28.0	1.30	0	5	5	
27	9	29.4	17.4	0.98	4	2	5	
	10	40.1	21.1	1.54	2	4	5	
	12	42.9	23.2	1.60	1	5	5	
	14	41.6	23.2	1.50	5	5	5	
	15	25.7	19.0	0.54	7	1	3	
28	9	31.6	16.7	1.21	2	3	4	B.
	10	33.9	17.9	1.30	3	3	4	B.
	12	31.7	18.4	1.08	8	3	4	B.
	14	38.6	20.6	1.46	8	3	4	B.,Js.
	15	37.5	20.1	1.41	7	4	4	B.,Js.
29	9	36.5	20.0	1.34	8	3	5	Js.
	10	36.5	19.8	1.36	8	2	5	Js.
	12	42.0	28.0	1.14	7	3	5	
	14	42.0	24.8	1.40	8	4	5	
	15	39.7	23.4	1.32	8	4	4	Tv.
30	9	39.0	21.1	1.46	1	5	5	
	10	43.5	24.4	1.55	3	5	5	
	12	47.2	27.4	1.61	2	5	5	
	14	45.9	28.4	1.42	4	4	5	
	15	43.0	27.8	1.24	2	4	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			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.3	11.6	89
2		0.3	0.4		0.1						0.4	0.2			1.4	11.6	12
3		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.1	11.5	96
4		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	11.5	90
5		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	11.5	90
6		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	11.4	90
7		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	11.4	92
8			0.4	0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.4	11.4	74
9			0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.1			8.1	11.3	72
10															0.0	11.3	00
11			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.1	11.3	89
12					0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		7.4	11.2	66
13		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	11.2	92
14			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.1	11.1	91
15		0.1	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0			9.9	11.1	89
16			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.6	11.1	86
17			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.4	11.0	85
18			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.9	11.0	90
19			0.7	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.9	11.0	81
20			0.1	0.1	0.6	1.0	0.8	1.0	0.4						4.0	10.9	37
21					0.1	0.9	1.0	1.0	1.0	1.0	0.8				5.8	10.9	53
22						0.2	1.0	1.0	0.1	0.2					2.5	10.9	23
23								0.1	0.5	1.0	0.7	0.6			2.9	10.8	27
24			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.9	10.8	92
25			0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.1	10.8	84
26			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.8	10.8	91
27			0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8					7.3	10.7	68
28			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
29			0.7	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	0.5			8.9	10.7	83
30			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.6	91
31																	
Medias		0.0	0.6	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.1		8.2	11.1	74

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	16.0	20.3	18.1	16.7	19.1	18.3	17.9	17.9	18.3	19.4	19.1	19.1	22.3	22.1	21.8
2	15.1	17.1	17.2	15.7	16.7	16.9	16.8	16.6	16.7	18.5	18.0	17.8	21.5	21.2	20.9
3	15.4	20.3	18.9	15.7	18.7	18.7	16.1	16.7	17.7	17.6	17.6	18.0	20.7	20.6	20.5
4	16.1	21.0	19.5	16.2	19.2	19.1	16.7	17.1	18.1	18.0	17.9	18.3	20.7	20.6	20.6
5	16.4	21.5	18.2	16.6	19.7	17.0	17.0	17.5	17.0	18.2	18.1	17.7	20.8	20.7	20.7
6	17.6	22.0	20.3	17.4	20.2	19.9	17.4	17.9	18.7	18.4	18.4	18.8	20.8	20.9	20.8
7	18.6	22.8	21.5	18.3	20.9	20.7	18.0	18.5	19.3	18.5	18.8	19.1	21.0	21.1	21.1
8	20.0	23.6	22.1	19.4	21.7	21.3	18.7	19.2	19.8	19.2	19.3	19.9	21.3	21.4	21.4
9	20.4	24.3	22.0	19.9	22.3	21.2	19.3	19.8	19.8	19.8	19.8	19.8	21.7	21.7	21.5
10	21.4	21.3	20.4	20.7	20.5	20.1	19.8	19.7	19.4	20.2	20.1	19.8	22.0	22.0	21.9
11	17.1	21.2	19.3	17.6	19.9	19.3	18.1	18.3	18.7	19.3	19.0	19.2	21.7	21.5	21.3
12	16.9	20.6	20.0	17.0	19.1	19.4	17.5	17.5	18.3	18.7	18.4	18.6	21.2	21.0	20.9
13	16.9	21.4	19.9	17.1	19.8	19.6	17.3	17.9	18.5	18.4	18.3	18.6	20.9	20.8	20.7
14	17.4	22.2	21.0	17.3	20.3	20.3	17.4	18.0	18.8	18.4	18.4	18.8	20.8	20.8	20.7
15	19.2	22.8	21.8	18.7	20.9	21.0	18.3	18.7	19.4	18.8	18.9	19.2	20.9	21.0	21.0
16	20.1	24.2	22.8	19.5	22.1	22.1	18.9	19.5	20.2	18.4	19.4	19.9	21.3	21.4	21.4
17	21.0	24.6	23.2	20.4	22.7	22.4	19.7	20.2	20.8	20.0	20.1	20.4	22.0	21.9	21.9
18	20.7	24.2	23.2	20.3	22.5	22.1	19.8	20.1	20.0	20.3	20.1	20.1	22.1	22.1	21.8
19	21.2	24.7	23.6	20.7	22.7	22.8	20.1	20.5	21.2	20.3	20.5	20.8	22.3	22.3	22.4
20	22.0	24.8	24.0	21.3	23.0	23.1	20.6	20.7	21.4	20.8	20.8	21.1	22.5	22.6	22.6
21	22.6	24.8	23.8	22.0	23.3	23.0	21.0	21.2	21.6	21.2	21.1	21.4	22.8	22.9	22.9
22	21.4	23.0	21.7	21.0	21.8	20.3	20.6	20.4	20.0	21.0	20.8	20.1	22.9	22.8	20.7
23	18.5	19.2	18.0	18.6	18.8	18.2	18.9	18.5	18.4	20.1	19.5	19.2	22.4	22.1	21.8
24	15.6	18.4	17.0	16.1	17.7	17.2	16.8	16.8	17.2	18.3	18.0	18.0	21.2	20.9	20.7
25	14.5	17.7	17.1	14.8	15.7	16.8	15.7	15.9	16.3	17.2	17.0	17.1	20.3	20.1	19.9
26	15.3	19.4	18.5	15.3	17.8	17.9	15.6	16.0	16.8	16.8	16.8	17.2	19.7	19.7	19.6
27	17.0	19.4	18.1	16.6	18.2	17.8	16.4	16.6	17.0	17.2	17.2	17.4	19.7	19.7	19.7
28	15.4	18.2	17.7	15.5	17.1	16.5	15.9	15.9	15.9	17.1	16.8	16.9	19.7	19.6	19.6
29	15.6	19.0	18.2	15.5	17.4	17.6	15.5	15.6	16.5	16.6	16.5	16.9	19.3	19.2	19.2
30	16.7	20.5	19.3	16.3	18.7	18.7	16.0	16.5	17.3	16.9	16.9	17.3	19.3	19.3	19.3
31															
Prom.	18.1	21.5	20.2	17.9	20.0	19.6	17.9	18.2	18.6	18.8	18.7	18.9	21.2	21.1	21.0

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	0.8	1.4	1.1	2.9							8345
2					0	0.4	1.2	0.9	2.8	K.11	18.9	19.5	24.0	21.0	21.0	8328
3	1.1	1.3	0.7	0.9	1	0.7	1.1	1.1	2.3							8325
4					0	0.1	1.5	0.9	2.7							8338
5					0	0.3	1.5	1.3	3.3							8347
6					0	0.5	1.0	1.4	3.3							8364
7					0	0.9	1.2	2.1	4.3							8372
8					0	1.0	2.1	1.8	4.9	K.12	17.6	16.9	24.0			8386
9					0	1.0	2.4	1.4	4.5							8395
10	5.4	5.5	5.0	5.4	2	0.7	0.4	0.4	1.1							8400
11	0.0	0.0	0.0	0.0	1	0.3	1.3	0.9	2.4							8419
12					0	0.2	2.2	1.4	3.9							8421
13					0	0.3	1.0	1.0	2.2	K.13	15.8	15.3	21.1			8432
14					0	0.2	1.7	1.4	4.2							8436
15					0	1.1	1.8	1.4	3.9							8444
16					0	0.7	1.9	1.5	3.8							8452
17					0	0.4	2.1	1.8	4.5	K.15	15.6	12.5	21.6	18.8		8458
18					0	0.6	1.8	1.6	3.9							8463
19					0	0.5	2.2	1.8	4.9							8470
20					0	0.9	1.8	1.3	4.1							8476
21	0.5	0.5	0.2	0.4	0	1.0	3.0	2.4	5.9							8481
22	8.0	7.9	7.5	7.3	1	0.5	0.7	0.8	2.6	-	-	-	-			8488
23					1	1.1	1.2	1.2	2.9							8494
24					0	0.5	1.3	0.3	2.3							8409
25					0	0.7	2.7	2.2	5.4							8502
26					0	0.5	2.3	1.4	5.5							8514
27					0	1.8	1.6	0.9	3.0							8523
28					0	0.5	1.1	0.8	2.3	K.16	10.7	11.3	19.7			8532
29					0	0.4	1.4	0.7	2.5							8538
30					0	0.4	1.4	1.4	3.3							8538
31																
Prom.	15.0	15.2	13.4	14.0	-	0.6	1.6	1.3	3.5	-	-	-	-	-	-	8436

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
22.3	22.2	21.9	22.0	22.3	22.1	22.0	20.8	0.6	Ca. m. t. y n., r. m. y n.
21.7	21.5	21.1	21.8	21.9	21.8	22.0	20.8	0.0	Cn. m. t. y n., r. m.
20.8	20.8	20.5	21.6	21.8	21.7	21.9	20.7	2.0	Ca. m. t. y n., r. n.
20.6	20.7	20.5	21.4	21.6	21.5	22.0	20.8	2.3	Ca. m. t. y n., r. n., Ns. n.
20.7	20.6	20.5	21.2	21.4	21.3	22.0	20.8	4.0	Ca. m. t. y n., Ns. m., r. n.
20.3	20.7	20.7	21.3	21.4	21.3	21.9	20.8	7.0	Ca. m. t. y n., r. n.
20.7	20.8	20.8	21.2	21.3	21.3	21.9	20.8	-	Ca. m. t. y n., r. n.
21.0	21.2	21.2	21.2	21.3	21.4	21.9	20.8	13.3	Cn. m., Ca. t. y n., r. n.
21.3	21.4	21.3	21.4	21.4	21.4	21.8	20.8	12.6	Cn. m. t. y n., r. m. y n., Jl. n.
21.5	21.6	21.5	21.4	21.4	21.4	21.8	20.8	16.9	Cn. m. t. y n., LL. m., r. n.
21.4	21.2	21.6	21.0	21.2	21.1	21.8	20.8	1.3	Ca. m. t. y n., r. m. y n.
20.9	20.9	20.7	20.9	21.2	21.2	21.6	20.7	4.8	Cn. m. y t., Ca. n. r. m. y n., Js. t., Jl. n.
20.6	20.7	20.4	20.8	21.0	21.0	21.6	21.7	2.8	Ca. m. t. y n., r. n., Ns. m.
20.5	20.5	20.5	20.7	20.9	21.0	21.6	20.8	3.8	Ca. m. t. y n., r. m. y n.
20.5	20.7	20.5	20.8	20.9	21.0	21.6	20.8	11.4	Ca. m. t. y n., r. m. y n.
20.8	21.0	20.8	20.8	21.0	21.0	21.5	20.8	12.4	Ca. m. t. y n., r. m. y n.
20.7	20.8	21.2	21.0	21.0	21.0	21.5	20.8	13.2	Cn. m., Ca. t. y n., r. m. y n.
21.5	21.6	21.6	21.0	21.2	21.2	21.5	20.7	10.4	Ca. m. t. y n., r. m. y n.
21.7	21.7	21.7	21.0	21.3	21.2	21.5	20.8	12.2	Cn. m., Ca. t. y n., r. m. y n.
21.8	22.0	22.0	21.2	21.3	21.3	21.4	20.8	16.2	Cn. m. t. y n., r. m., Z.R. n.
22.1	22.2	22.2	21.3	21.3	21.3	21.4	20.8	19.2	Cn. m. t. y n., Z. t. y n., R. n., LL. n.
22.2	22.2	22.1	21.4	21.4	21.3	21.4	20.7	15.1	Cn. m. y t., Ca. n., Z. m., r. n.
21.9	21.7	21.5	21.2	21.3	21.1	21.4	20.7	6.5	Cn. m. y t., Ca. n., r. m.
21.1	20.8	20.5	20.9	21.1	21.0	21.3	20.7	1.7	Ca. m. t. y n., r. m. y n.
20.3	20.1	19.9	20.7	20.8	20.7	21.4	20.6	-0.5	Cn. m., Ca. t. y n., r. m. y n.
19.7	19.7	19.5	20.5	20.6	20.6	21.4	20.7	5.1	Ca. m. t. y n., r. m. y n.
19.5	19.5	19.4	20.4	20.5	20.4	21.3	20.6	7.1	Cn. m. y t., Ca. n., r. m.
19.4	19.4	19.4	20.1	20.3	20.2	21.3	20.6	1.0	Ca. m. y n., Cn. t., r. m. y n., B. Da. Js. t, Ns. n.
19.3	19.2	19.0	20.0	20.1	20.1	21.3	20.7	4.8	Cn. m. y t., Ca. n., r. m. y n., Js. t.
19.0	19.1	19.0	19.9	20.0	19.9	21.3	20.7	5.5	Ca. m. y n., Cn. t., r. m. y n.
20.9	20.9	20.8	21.0	21.1	21.1	21.6	20.8	7.3	

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	60.8	64.7	6	9	55.6	10	1-2	16.5	22.7	11.1	28.3	8	13-14	4.2	1,2	4,3	8.1	11.4	70
2ª	58.9	63.5	11	8-9	54.9	12	15-16	19.8	27.4	14.0	30.9	20	14-15	7.4	11	6-7	9.0	11.1	81
3ª	59.7	66.3	24	9-10	47.5	21	17-18	15.0	21.2	9.1	30.4	21	13-14	3.9	24, 25	24,0	7.5	10.8	70
MES	59.8	66.3	24	9-10	47.5	21	17-18	17.1	23.7	11.4	30.9	20	14-15	3.9	24, 25	24,0	8.2	11.1	74

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	100	4,5	41	4	10.3	16.0	4.8	NE	10	36	1, 7,9	23	7	13-14	31	SW NE	1 7	12.21 13.08	6.8	5.5	10	1.5	10	5-6
2ª	78	100	13,19	41	11	13.0	19.5	7.0	NW	13	44	12	30	12	11-12	40	NW	12	11.36	-	-	-	-	-	-
3ª	75	100	25,29	29	26	9.4	17.5	5.2	NW	16	60	21	41	21	14-15	49	NW	21	14.16	8.4	7.9	22	3.0	21	23-24
MES	76	-	-	29	26	10.9	19.5	4.8	NW	13	60	21	41	21	14-15	49	NW	21	14.16	15.2	7.9	22	3.0	21	23-24

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	-	-	2	1	-	-	1	-	-	-	-	-	-	-	-	-
2ª	4	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1
3ª	5	-	2	-	1	-	-	1	1	-	-	-	-	-	1	-	1
MES	16	-	2	2	3	-	-	2	2	-	-	-	-	-	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	10	-	-	-	-	-	-	-	1	-	-	7	3	-	4	-
2ª	10	-	-	-	-	-	-	1	1	-	-	9	1	-	8	-
3ª	9	-	-	-	-	1	-	1	-	-	-	7	3	-	4	-
MES	29	-	-	-	-	1	-	2	2	-	-	23	7	-	16	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV MAYO 1949 N.° 5

RESUMEN MENSUAL

El mes comienza con tiempo bueno y condiciones atmosféricas de acuerdo con este período del año. Durante el día 3 se producen algunos chaparrones y tormentas eléctricas, sin que por ello cambie el andar general del tiempo. Con las lluvias más intensas del mes, llega el 6 hasta el Observatorio una ola de aire frío, y aunque el 7, el cielo se presente otra vez despejado, la temperatura máxima alcanza sólo los 12.4° C. Este tiempo frío persiste los días siguientes en que sucesivos empujes de aire polar, originan fuerte nubosidad y lluvias aisladas durante el 9 y el 10.

En la primera mitad de la segunda década, se mantienen las condiciones climáticas anteriores, pero con escasa nubosidad. Predomina una situación sinóptica típicamente invernal, con baja tensión del vapor y alta presión atmosférica. Ambos elementos registran entonces sus valores extremos, el primero con 4.0 mm y el segundo con 772.7 mm, el 11 y el 13 respectivamente. El 14, marca también la temperatura, su nivel mínimo mensual con 0.9°C. La fuerte irradiación nocturna acusa en estas noches, mínimas de superficie que llegan hasta -3.5°C. El 15 avanza ya una corriente firme del N la que se mantiene hasta el fin de la década, con lo que la temperatura, humedad y nubosidad aumentan.

Tiempo inestable, fuerte nubosidad y lluvias ligeras y aisladas, caracterizan los primeros días del tercer decámeron. La presión desciende el 21 al nivel mínimo mensual con 744.6 mm. El 24, una corriente tropical del N llega hasta la provincia de Buenos Aires ocasionando ligeras lluvias; alcanzan entonces la tensión del vapor y la temperatura sus valores máximos mensuales extremos con 18.5 mm y 28.4°C respectivamente. La corriente de aire polar que desplaza el 28 al tropical ambiente no sólo es causa del brusco descenso termométrico registrado en la tarde del mismo día (7.0°C en cuatro horas), sino también del cielo cubierto y tiempo lluvioso con que finaliza la década.

Los promedios mensuales de los distintos elementos pueden considerarse como perfectamente normales ya que la primera ola fría invernal suele llegar al Río de la Plata casi siempre durante este mes. También es normal que algunos días de Mayo registren circunstancias casi estivales; así pues las grandes oscilaciones justifican para los diversos meteoros el promedio general del mes.

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	-	-	-	-	-	-	-	-	-	42	50	56	56	44	38
2	80	42	87	54	54	38	-	-	-	48	48	64	64	66	73
3	18	17	15	-	-	-	-	-	20	26	24	18	22	16	14
4	43	46	49	53	45	56	59	51	52	91	94	73	98	98	91
5	73	69	60	48	20	-	16	14	26	-	-	-	-	-	-
6	26	26	26	26	36	34	44	54	52	46	35	40	56	75	71
7	38	48	38	44	40	21	14	42	37	60	68	71	96	82	82
8	18	-	-	-	-	-	-	-	-	42	58	60	50	38	46
9	-	-	-	-	-	32	38	52	42	46	46	-	60	62	89
10	52	62	56	39	40	-122	96	38	58	69	80	78	89	80	82
11	24	28	26	24	24	22	30	60	54	75	85	85	75	75	71
12	46	38	44	50	62	73	81	85	75	101	103	96	85	78	71
13	54	58	58	50	-	-	-	46	69	87	105	119	103	87	89
14	22	26	14	38	26	46	26	58	82	114	98	80	85	78	89
15	50	54	46	42	30	34	30	44	85	75	44	38	46	54	60
16	32	28	24	22	18	16	24	30	38	40	34	36	34	42	44
17	20	12	18	30	26	18	12	18	26	30	28	26	28	34	46
18	30	22	20	20	-	-	-	-	16	16	20	22	22	26	34
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	30	24	24	18	20	24	36	60	66	85	16	64	64	34	56
28	26	18	9	-	-	7	58	18	36	-	-	-	-	-	26
29	36	42	46	52	56	56	54	66	98	123	117	103	107	98	94
30	117	117	64	32	40	50	80	-16	-32	+∞	+∞	±∞	+∞	+∞	+∞
31	79	47	50	75	94	89	107	146	149	137	112	112	87	103	89
Prom.	35.9	36.0	35.9	35.6	35.7	21.1	46.6	50.6	60.4	73.5	63.6	63.9	68.2	66.8	68.6

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	7.52	8.10	15.62	0.92	11.33	11.05	22.38	1.03	0.92	1.03	1.95	0.89	1.55	1.48	3.03	1.05
2	8.95	11.17	20.12	0.80	3.73	5.07	8.80	0.73	1.21	1.46	2.67	0.83	0.54	0.68	1.22	0.79
3	6.26	17.83	24.09	0.35	7.12	13.32	20.44	0.53	0.26	0.47	0.73	0.55	0.71	0.88	1.59	0.81
4	4.88	5.29	10.17	0.93	4.42	5.68	10.10	0.78	0.54	0.39	0.93	1.38	0.77	0.76	1.53	1.0
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	7.12	9.79	16.91	0.73	5.97	6.10	12.07	0.99	0.76	0.75	1.51	1.01	0.79	0.70	1.49	1.13
7	5.88	4.52	10.40	1.30	7.16	6.60	13.76	1.19	0.92	0.93	1.85	0.99	1.01	0.82	1.83	1.23
8	6.71	9.02	15.73	0.75	7.82	8.75	16.57	0.90	0.69	0.75	1.44	0.92	1.14	0.76	1.90	1.50
9	-	-	-	-	11.53	11.13	22.66	1.04	0.83	2.51	3.34	0.33	1.52	1.57	3.09	0.97
10	6.54	9.85	16.39	0.67	7.59	9.92	17.51	0.77	0.67	0.88	1.55	0.76	1.16	1.46	2.62	0.79
11	7.32	11.62	18.94	0.62	7.84	9.75	17.59	0.81	0.85	1.03	1.88	0.82	0.95	1.01	1.96	0.94
12	12.57	8.34	20.91	1.49	9.36	10.65	20.01	0.87	0.94	1.00	1.94	0.94	1.05	1.20	2.25	0.88
13	8.90	13.16	22.06	0.68	8.20	8.12	16.32	1.01	0.78	0.96	1.74	0.81	1.02	1.03	2.05	0.99
14	3.94	6.66	10.60	0.59	3.85	5.55	9.40	0.69	0.42	0.44	0.86	0.95	0.62	0.73	1.35	0.85
15	7.72	11.34	19.06	0.69	8.98	8.18	17.16	1.09	1.05	1.34	2.39	0.78	1.16	1.09	2.25	1.06
16	9.86	10.68	20.54	0.92	5.20	4.94	10.14	1.04	1.14	1.15	2.29	0.99	0.82	0.57	1.39	1.44
17	9.59	11.81	21.40	0.80	9.99	7.87	17.86	1.26	1.19	1.33	2.52	0.89	1.35	1.00	2.35	1.35
18	7.62	7.97	15.59	0.95	7.20	6.78	13.98	1.06	0.91	1.11	2.02	0.82	1.07	1.11	2.18	0.96
19	9.27	9.27	18.54	1.00	11.74	11.63	23.37	1.01	1.11	1.18	2.29	0.94	1.00	0.67	1.67	1.49
20	-	-	-	-	10.75	9.99	20.74	1.08	0.71	0.75	1.46	0.95	1.31	1.22	2.53	1.07
21	-	-	-	-	-	-	-	-	0.81	1.03	1.84	0.79	1.26	1.98	3.24	0.64
22	10.04	15.58	25.62	0.64	8.06	8.63	16.69	0.94	1.07	1.21	2.28	0.88	0.92	1.10	2.02	0.84
23	7.82	7.42	15.24	1.06	3.68	4.79	8.47	0.75	0.96	0.93	1.89	1.03	0.90	0.90	1.80	1.00
24	-	-	-	-	-	-	-	-	1.18	1.22	2.40	0.97	0.94	1.01	1.95	0.93
25	-	-	-	-	1.78	7.55	9.33	0.24	0.84	1.01	1.85	0.83	0.54	0.76	1.30	0.71
26	10.10	15.71	25.81	0.64	4.80	7.86	12.66	0.62	1.22	1.22	2.44	1.00	-	-	-	-
27	9.96	15.28	25.24	0.62	9.02	10.26	19.28	0.88	-	-	-	-	1.17	1.14	2.31	1.03
28	-	-	-	-	18.55	12.51	31.06	1.49	0.96	0.97	1.93	0.99	1.06	1.23	2.29	0.86
29	8.36	9.94	18.30	0.84	8.95	7.72	16.67	1.14	0.98	1.03	2.06	0.91	1.01	0.69	1.70	1.46
30	-	-	-	-	-	-	-	-	0.56	0.63	1.19	0.89	0.26	0.19	0.45	1.37
31	-	-	-	-	-	-	-	-	0.14	0.20	0.34	0.70	0.93	0.80	1.73	1.16
Prom.	8.04	10.47	18.47	0.82	7.87	8.48	16.35	0.92	0.85	1.00	1.85	0.88	0.98	0.98	1.97	1.04

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	17	73	94	87	85	71	85	78		126	- 7	133	1*
54	42	62	31	33	40	37	30	23		75	-69	144	1*
20	26	26	22	30	23	14	34	38		66	- 2	68	1*
94	85	96	50	30	17	19	42	62	62.2	130	-24	154	1
-	-	-	-	-	-	28	22	22		+∞	+∞	-	3*
63	73	66	66	66	58	65	71	52	51.1	103	+ 2	101	0
107	107	66	60	112	-	-	43	42		224	9	233	1*
40	46	50	22	+∞	+∞	- 7	- 2	14		+∞	-∞	-	3*
94	89	80	85	119	94	87	87	73		181	+14	167	0*
82	85	85	75	73	69	73	56	42	59.9	192	-∞	-	1
85	87	89	78	78	71	66	62	58	59.7	105	+18	87	0
73	80	85	89	94	64	60	56	44	72.2	126	+36	90	0
96	94	110	128	112	103	105	78	56		192	-69	261	1*
101	-	-	-	-	30	42	62	54		190	-81	271	2*
75	60	66	50	50	58	46	42	38	50.7	162	0	162	0
42	44	69	40	44	58	42	34	26	35.9	117	+10	107	0
50	44	24	58	62	46	46	30	32	31.8	167	-10	177	1
30	20	16	-	-	-	-	-	-		80	-18	98	1*
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	82	64	56	50	34		-	-	-	-
54	71	121	121	91	89	56	36	34	53.9	199	-32	231	1
48	54	52	54	50	46	46	46	44		∞	-144	-	3*
89	112	107	91	91	60	69	85	112	81.8	165	-22	187	1
+∞	-	-	-	-	-	-	11	20		∞	∞	-	3*
105	119	130	117	80	56	-	-	-		215	20	195	0*
70.7	74.1	80.8	71.8	67.9	59.0	54.2	51.4	50.0	55.9				

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^-
60	58	40	3.77	4.04	675	849	1524	0.80	-	0.42
54	54	46	4.81	1.87	1075	1104	2179	0.97	-	0.19
38	28	14	0.68	0.74	614	398	1012	1.54	1.92	0.91
110	82	89	2.54	4.54	509	675	1184	0.75	-	0.58
-	-	-	-	-	1163	888	2051	1.31	-	-
35	34	73	1.71	3.62	1754	1102	2856	1.59	0.90	-
67	70	48	4.32	2.93	1224	1136	2360	1.08	0.48	0.16
66	62	48	2.98	3.04	1023	859	1882	1.19	1.07	0.24
50	48	87	5.34	8.96	798	964	1762	0.83	0.74	-
80	78	80	4.03	6.99	561	614	1175	0.91	-	-
85	85	87	5.33	5.68	794	1190	1984	0.67	-	0.61
101	98	73	6.34	5.48	1303	1530	2833	0.85	0.13	0.38
107	112	98	6.50	6.70	979	853	1832	1.15	0.20	-
91	89	110	2.55	4.95	964	733	1697	1.31	0.94	0.81
40	36	82	2.87	6.15	979	964	1943	1.02	0.41	0.37
30	34	38	2.60	1.76	1477	1224	2701	1.21	0.62	0.64
30	26	56	2.18	4.39	1314	624	1938	2.10	0.35	-
20	22	30	1.48	2.18	964	1245	2209	0.77	1.13	-
-	-	-	-	-	951	792	1743	1.20	1.74	-
-	-	-	-	-	341	84	425	4.06	-	0.80
-	-	-	-	-	675	454	1129	1.49	-	-
-	-	-	-	-	1023	981	2004	1.04	-	-
-	-	-	-	-	614	631	1245	0.97	0.65	-
-	-	-	-	-	849	769	1618	1.10	0.86	0.24
-	-	-	-	-	737	624	1361	1.18	1.61	-
-	-	-	-	-	509	855	1364	0.60	-	0.92
16	50	44	-	1.92	1100	1079	2179	1.02	1.44	0.67
-	-	54	-	4.12	849	796	1645	1.07	0.63	0.24
123	103	91	7.07	5.16	490	1190	1680	0.41	-	-
-	-	-	-	-	853	920	1773	0.93	1.44	0.43
103	105	130	1.19	7.50	675	457	1132	1.48	1.19	-
65	64	68	3.59	4.42	898	858	1755	1.18	0.92	0.51

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	57.2	57.1	57.1	57.1	57.1	57.5	57.8	58.2	58.5	58.6	58.7	58.5	58.0	57.8	57.8
2	56.9	56.5	56.3	55.9	55.7	55.8	55.8	55.8	55.6	55.2	55.6	54.0	52.9	52.4	52.1
3	51.4	51.0	50.4	50.2	50.7	52.4	52.2	51.8	52.0	51.9	52.0	51.7	51.2	51.5	51.9
4	56.1	56.2	56.5	56.9	57.1	57.5	57.9	58.4	58.5	58.5	58.6	58.1	57.3	57.0	56.5
5	54.4	54.4	53.7	53.1	52.7	52.6	52.6	52.6	52.6	52.0	52.3	52.1	51.5	51.6	51.6
6	53.7	53.8	53.9	53.9	54.5	55.4	55.7	56.2	56.2	56.3	56.3	56.1	56.0	56.0	55.9
7	60.6	61.3	61.7	62.4	62.7	63.5	64.1	65.2	65.6	65.6	65.6	65.3	64.5	64.1	63.9
8	62.4	62.2	62.1	61.6	61.7	61.6	61.8	61.9	61.8	61.6	61.4	60.6	60.0	59.8	59.6
9	60.8	60.9	61.1	61.1	61.5	61.8	62.2	63.2	63.7	63.8	63.7	63.7	63.4	63.2	63.0
10	63.8	63.4	63.3	63.5	63.8	63.5	63.4	64.0	64.3	64.5	64.6	64.1	63.4	63.3	63.3
11	65.2	65.0	64.9	64.8	64.6	64.4	64.3	64.4	64.9	65.2	65.6	65.5	65.2	64.6	64.5
12	66.2	66.3	66.3	66.2	66.6	67.0	67.3	68.0	68.5	68.9	68.7	68.3	68.2	68.2	68.2
13	71.1	71.1	71.1	71.0	71.1	71.4	71.8	72.0	72.4	72.5	72.4	72.1	71.7	71.6	71.4
14	71.2	70.9	70.6	70.4	70.5	70.6	70.8	71.4	71.4	71.4	71.1	70.6	69.8	69.4	69.1
15	70.2	70.0	69.7	69.5	69.5	69.6	69.7	70.2	70.4	70.7	70.5	70.0	69.3	68.4	68.3
16	67.9	67.5	66.8	66.5	66.8	67.0	67.0	66.8	67.2	67.1	67.0	66.2	65.0	64.2	64.0
17	64.4	64.4	64.3	64.2	64.2	64.3	64.5	64.7	64.7	64.8	64.4	63.6	62.7	62.2	62.8
18	61.6	61.4	61.3	61.0	60.7	60.7	60.9	60.8	61.0	60.9	60.8	60.2	59.4	58.7	58.2
19	57.8	57.8	57.5	57.1	56.9	56.9	56.8	56.9	56.1	55.5	54.8	53.6	52.4	51.2	50.6
20	50.3	50.2	49.2	49.2	49.2	50.1	50.1	49.9	49.9	49.9	49.6	49.7	49.4	49.0	48.7
21	49.0	48.5	47.6	47.1	47.0	46.9	46.7	46.6	46.3	45.5	45.0	44.9	44.7	45.0	46.7
22	50.6	50.8	51.5	51.5	51.6	52.3	53.6	54.2	54.4	55.0	55.4	55.1	55.4	55.4	55.6
23	61.5	62.1	62.0	62.1	62.1	62.0	62.7	63.1	63.3	63.5	63.5	62.7	61.7	61.0	60.4
24	57.9	57.4	56.6	55.8	55.7	55.0	55.6	55.8	55.1	53.6	52.6	51.3	50.0	49.0	49.7
25	56.2	56.2	56.3	56.5	56.4	56.8	57.3	57.4	57.9	58.1	58.0	57.4	56.8	56.6	56.5
26	58.6	58.6	58.8	58.7	58.5	58.6	59.0	59.0	59.2	59.2	59.1	58.4	57.8	57.6	57.3
27	58.2	58.2	58.3	58.0	57.8	57.9	58.0	58.0	58.1	58.1	57.7	57.9	56.0	55.3	54.7
28	55.4	55.2	54.7	54.5	54.5	54.5	56.1	56.0	56.7	57.4	58.2	57.6	56.8	57.0	57.2
29	61.2	61.2	61.0	61.1	60.9	61.1	61.4	61.9	62.8	63.4	63.7	63.2	63.1	63.2	62.9
30	60.9	60.6	60.4	59.9	59.9	59.8	60.1	60.3	60.4	60.4	60.0	59.2	58.3	57.7	58.7
31	57.7	57.2	57.0	57.6	57.6	57.5	57.6	58.4	58.3	58.4	58.4	57.9	57.5	57.4	56.8
Prom	59.7	59.6	59.4	59.3	59.3	59.6	59.8	60.1	60.2	60.2	60.2	59.7	59.0	58.7	58.6

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	16.1	16.3	16.4	16.5	16.3	15.9	15.3	15.2	16.3	18.5	19.7	20.5	21.5	22.2	22.1
2	6.8	6.3	6.5	6.0	5.7	5.8	7.6	11.2	14.1	17.3	18.1	20.6	21.5	21.7	21.9
3	16.3	16.3	16.3	16.3	15.9	16.0	16.2	16.2	17.3	19.9	21.7	21.9	22.0	23.1	23.1
4	12.9	12.1	11.6	10.7	9.9	9.0	8.4	9.7	11.1	12.6	13.1	13.5	14.4	14.9	16.1
5	11.4	11.4	11.6	11.9	12.4	12.4	13.3	14.6	15.6	16.2	15.6	13.5	13.4	13.6	14.0
6	11.2	10.3	9.8	9.4	8.3	7.7	7.7	10.4	13.4	16.2	17.9	19.9	19.6	20.6	20.3
7	10.7	10.8	10.7	10.5	9.7	8.6	7.9	7.6	9.4	10.6	11.4	11.7	11.8	12.2	12.3
8	2.9	2.8	5.2	5.4	5.5	5.6	5.8	6.4	8.0	9.9	13.7	16.7	16.4	17.2	16.8
9	11.9	11.4	10.6	10.0	9.1	8.4	7.4	8.3	8.5	11.2	14.4	15.9	16.3	16.5	16.5
10	5.1	5.5	6.7	7.5	7.6	8.3	8.8	8.9	9.1	10.0	11.7	12.2	12.7	12.6	13.0
11	5.9	5.1	4.6	4.4	4.3	3.7	3.2	5.4	7.2	9.6	11.6	12.6	13.7	13.7	13.5
12	3.5	3.2	2.9	2.7	2.7	2.3	1.8	4.0	7.2	8.7	10.4	11.0	11.6	11.6	11.9
13	2.1	2.2	1.9	2.0	2.1	2.3	2.0	3.5	5.8	8.8	11.2	12.8	13.3	13.5	13.5
14	0.9	1.1	1.4	1.6	1.1	1.2	1.2	1.7	7.5	12.1	14.3	15.4	15.1	15.0	14.5
15	3.0	3.2	3.1	4.0	4.8	4.9	4.4	8.3	11.5	14.2	16.3	16.3	16.7	16.2	16.6
16	9.7	9.7	9.8	9.7	9.3	8.9	8.9	9.9	11.5	13.0	14.7	16.5	16.8	17.2	17.1
17	10.0	9.5	9.0	7.8	7.9	7.9	7.9	8.8	10.3	12.2	14.2	15.8	17.0	18.2	17.4
18	8.3	9.7	11.1	11.5	12.2	12.4	12.1	12.9	13.9	16.8	18.6	19.9	20.8	21.3	21.3
19	11.7	11.6	10.9	10.7	10.7	10.5	10.5	12.1	15.0	17.2	19.6	22.1	21.9	22.0	23.1
20	14.4	14.1	14.1	14.2	14.3	14.4	14.4	14.2	14.9	16.9	18.0	17.9	18.0	18.0	18.0
21	12.3	12.4	12.5	12.6	12.7	12.8	13.9	15.4	18.2	20.6	22.6	24.0	23.7	23.4	18.5
22	12.0	11.9	11.8	11.2	11.0	10.9	11.0	11.2	11.4	12.4	13.1	13.5	15.0	16.8	17.7
23	5.0	4.5	3.8	4.6	4.9	4.6	3.7	4.8	11.1	15.2	16.5	18.2	19.2	18.8	18.1
24	15.0	15.1	15.1	14.8	14.8	15.2	15.2	15.2	16.0	18.1	18.1	19.6	20.6	22.5	23.9
25	21.1	20.7	20.1	19.9	19.5	19.1	18.8	19.2	19.7	22.1	23.4	23.6	25.3	25.6	25.7
26	19.5	19.1	18.3	17.8	17.5	17.1	16.8	17.6	19.8	22.4	25.0	26.6	27.5	28.1	28.4
27	18.6	18.5	18.1	17.7	17.7	18.2	18.2	19.3	20.7	22.7	24.6	26.8	27.5	27.6	27.6
28	19.0	18.9	18.7	18.5	18.5	19.4	19.2	18.8	20.2	20.1	21.0	19.9	19.0	17.8	17.2
29	7.5	8.4	8.2	7.7	6.9	6.7	6.3	6.8	8.6	9.5	11.9	12.3	12.4	12.4	12.3
30	6.5	6.5	6.9	7.4	7.1	7.1	8.4	8.8	8.7	8.9	9.9	10.0	10.6	11.0	10.9
31	10.1	10.1	10.2	10.5	10.6	10.6	10.7	11.0	11.1	11.6	12.1	12.4	12.7	13.0	13.0
Prom	10.4	10.3	10.3	10.2	10.0	9.9	9.9	10.9	12.7	14.7	16.3	17.2	17.7	18.0	17.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
57.3	57.3	57.1	57.3	57.4	57.2	57.0	57.0	57.1	58.7	11	57.0	22,23	1.7	757.6 mm.	1010.1 mb.
52.0	52.0	51.9	52.1	51.8	51.8	51.9	51.8	51.6	57.1	0	51.6	24	5.5	53.9	1005.2
52.4	53.1	54.1	54.9	55.0	55.1	55.5	55.9	55.9	60.0	23-24	50.0	3-4	10.0	52.7	1003.6
56.1	55.5	55.8	55.8	55.6	55.3	55.2	54.8	54.3	58.7	10-11	54.3	24	4.4	56.6	1008.8
51.6	52.2	52.4	52.5	52.8	52.7	52.8	53.0	53.2	54.5	0-1	50.8	18-19	3.7	52.6	1003.4
56.4	56.8	57.1	58.1	58.6	58.6	59.1	59.4	59.8	59.8	24	53.2	0	6.6	56.4	1008.5
63.7	63.6	63.4	63.1	62.9	63.0	62.7	62.8	62.1	65.7	9-10	59.8	0	5.9	63.5	1018.0
59.4	59.2	59.0	59.2	59.6	60.4	60.5	60.4	60.6	62.4	1	59.0	18	3.4	60.8	1014.4
62.9	63.1	63.4	63.5	64.0	64.1	64.1	64.3	64.2	64.3	23	60.6	0	3.7	63.0	1017.3
63.2	63.2	63.4	64.2	64.8	65.2	65.5	65.4	65.3	65.5	22	63.2	16,17	2.3	64.0	1018.6
64.5	64.6	64.7	65.0	65.4	65.4	65.4	65.8	66.0	66.0	24	64.3	7	1.7	65.0	1020.0
68.3	68.7	68.9	69.3	69.6	70.1	70.4	70.7	71.0	71.0	24	66.0	0	5.0	68.3	1024.4
71.3	71.2	71.1	71.1	71.1	71.1	71.1	71.2	71.3	72.7	10-11	70.9	4-5	1.8	71.5	1028.6
69.1	69.1	69.1	69.4	69.6	69.7	69.8	70.0	70.2	71.5	9-10	69.0	16-17	2.5	70.2	1026.9
68.1	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.1	70.7	10	68.0	17	2.7	69.1	1025.4
64.0	64.0	64.1	64.1	64.0	64.0	64.3	64.3	64.4	68.1	0	63.9	19-20	4.2	65.6	1020.8
61.4	61.4	61.5	61.6	61.8	61.9	61.8	61.7	61.8	64.8	10	61.4	16,17	3.4	63.1	1017.4
57.8	57.8	58.0	58.2	58.4	58.4	58.2	58.0	57.9	61.8	0	57.8	16,17	4.0	59.6	1012.8
50.4	50.4	50.5	50.2	50.2	50.6	51.1	50.9	51.0	57.9	0	50.2	19,20	7.7	53.6	1004.8
48.8	48.3	48.4	49.0	49.1	49.3	49.3	49.2	49.0	51.0	0	47.8	17-18	3.2	49.4	999.2
46.9	47.6	48.1	49.5	49.6	50.7	50.7	50.6	50.6	50.8	21-22	44.6	12-13	6.2	47.6	996.8
56.4	57.3	57.9	58.4	59.2	59.5	60.1	60.7	61.4	61.4	24	50.5	0-1	10.9	55.6	1007.4
59.5	58.8	59.3	60.2	60.2	59.4	59.7	59.7	58.8	63.7	10-11	58.8	24	4.9	61.2	1014.9
50.6	51.6	52.5	53.9	54.2	55.0	55.5	56.1	56.2	58.8	0	49.0	14	9.8	54.0	1005.3
56.6	56.8	57.2	57.5	58.0	58.1	58.4	58.5	58.5	58.5	23,24	56.2	1,2	2.3	57.2	1009.6
57.2	57.4	57.7	57.7	58.0	58.0	58.1	58.2	58.1	59.2	9,10	57.2	16	2.0	58.3	1011.0
54.4	54.3	54.5	55.2	55.3	55.3	55.5	55.6	55.6	58.3	3	54.3	17	4.0	56.6	1008.8
57.5	58.0	58.8	59.3	59.6	60.1	60.4	61.0	61.0	61.0	23,24	54.4	5-6	6.6	57.4	1009.8
62.9	62.5	62.4	62.2	61.8	61.7	61.8	61.5	60.6	63.7	11	60.6	24	3.1	62.1	1016.1
57.8	56.9	57.2	57.4	57.6	57.5	58.3	58.4	58.2	70.0	1-2	56.9	17	13.1	59.0	1012.0
56.7	56.8	57.3	57.2	56.8	56.8	56.5	56.4	56.2	58.6	10-11	56.2	24	2.4	57.3	1009.7
58.6	58.6	58.9	59.2	59.4	59.5	59.6	59.2	59.7	62.1		57.3		4.8	59.4	1012.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
21.7	19.6	16.6	12.8	10.8	10.0	9.9	7.7	7.3	22.2	14	7.3	24	14.9	16.0
20.9	19.0	17.4	16.3	15.2	15.5	15.5	15.7	16.0	21.9	15	5.7	5	16.2	14.3
22.2	20.6	18.5	16.9	15.8	15.5	14.7	14.4	13.7	23.4	14-15	13.7	24	9.7	18.0
15.8	13.4	12.2	10.2	9.0	9.0	9.1	10.3	11.1	16.1	15	8.2	7-8	7.9	11.7
14.0	14.0	13.9	13.9	13.8	13.5	13.2	13.1	12.7	16.3	9-10	11.1	0	5.2	13.4
19.2	16.3	14.3	13.0	11.5	11.4	11.1	10.4	10.7	20.6	14	7.6	6-7	13.0	13.4
12.0	10.1	7.3	5.2	3.9	3.2	2.9	2.9	2.6	12.4	14-15	2.6	24	9.8	8.6
16.1	14.7	14.0	13.5	13.0	12.4	11.9	11.8	11.8	17.3	13-14	2.6	0	14.7	10.7
15.7	14.3	10.3	7.9	6.4	5.0	4.3	3.5	4.1	16.8	15-17	3.2	23-24	13.6	10.3
12.3	11.1	9.8	9.2	8.7	7.8	7.7	7.8	7.0	13.2	15-16	4.1	0	9.1	9.2
12.6	10.9	8.8	7.0	5.9	5.3	4.9	4.3	3.9	13.9	13-14	3.2	7	10.7	7.6
10.8	9.6	8.1	6.4	5.3	4.3	3.9	3.4	3.0	12.0	13-14	1.8	7	10.2	6.3
13.3	11.3	7.8	5.6	3.5	2.8	2.1	1.5	1.1	13.5	14,15	1.1	24	12.4	6.1
12.9	11.1	9.4	8.7	6.8	5.8	5.4	4.3	3.4	15.5	12-13	0.9	1	14.6	7.2
16.2	14.5	12.6	11.3	10.8	10.7	10.5	10.3	10.3	17.1	14-15	3.0	1	14.1	10.4
16.9	14.6	12.8	10.9	10.4	9.9	10.7	10.6	10.6	17.2	14	8.8	6-7	8.4	12.1
16.3	13.8	11.7	10.4	9.8	8.2	6.9	6.8	7.5	18.5	13-14	6.8	23	11.7	11.0
20.3	17.1	15.2	13.9	13.2	12.6	12.5	11.9	11.5	21.6	14-15	7.5	0	14.1	14.6
21.5	19.7	18.3	17.6	17.1	16.2	15.5	15.4	16.0	23.1	15	10.3	6-7	12.8	16.1
17.8	16.3	15.7	13.2	12.6	11.0	11.7	11.6	11.6	18.4	12-13	10.9	21-22	7.5	14.9
15.5	14.7	14.3	13.8	13.3	12.7	12.6	12.2	12.3	24.4	12-13	11.6	0	12.8	15.7
17.6	15.6	12.1	9.5	8.0	7.1	6.1	5.7	4.9	17.8	15-16	4.9	24	12.9	11.5
16.8	15.9	14.3	13.6	12.8	12.5	13.7	14.1	14.7	20.1	13-14	3.3	7-8	16.8	11.7
23.8	22.9	22.6	22.5	22.3	22.6	22.5	22.1	21.4	23.9	15	14.7	0	9.2	19.2
25.5	23.0	21.6	21.5	21.0	20.2	19.7	19.3	19.6	26.5	14-15	18.8	7	7.7	21.5
26.9	24.4	22.4	21.4	21.1	20.0	19.1	19.1	18.1	28.4	15	16.8	7	11.6	21.4
27.0	24.3	22.5	21.2	20.3	19.7	19.0	19.1	19.2	27.7	13-14	17.6	4-5	10.1	21.5
17.5	15.3	13.5	12.8	10.8	10.6	10.1	9.3	7.8	21.1	10-11	7.8	24	13.3	16.4
11.9	10.6	9.1	7.7	7.6	6.9	5.0	5.0	5.5	12.4	13,14	5.0	22,23	7.4	8.7
10.0	10.7	10.0	10.7	10.5	10.5	10.1	10.0	10.0	11.0	14	5.5	0	5.5	9.3
13.0	13.0	13.1	13.3	13.6	13.6	13.6	13.6	13.6	13.6	20-24	10.0	0	3.6	12.1
17.3	15.6	13.9	12.6	11.8	11.2	10.8	10.6	10.4	18.6		7.6		11.0	12.9

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	95	94	93	94	95	96	95	78	71	59	54	50	47	42	41
2	97	99	98	98	98	100	100	100	85	69	53	47	43	41	45
3	85	85	84	87	89	93	96	96	88	76	69	71	71	65	65
4	85	92	94	90	86	88	90	75	63	59	57	56	52	50	50
5	70	71	70	74	77	81	75	77	75	75	94	95	95	96	96
6	95	96	96	96	95	95	94	89	74	63	57	45	43	41	42
7	88	84	91	85	89	93	93	83	70	65	60	57	56	52	52
8	95	94	93	88	89	88	90	90	80	73	62	53	54	52	55
9	94	93	92	92	92	94	93	97	90	77	62	40	42	36	42
10	91	93	77	79	81	80	85	89	90	80	71	66	63	62	57
11	93	94	96	99	99	100	100	90	84	75	64	61	55	52	46
12	94	94	96	95	96	95	95	90	81	60	54	51	49	50	49
13	95	94	94	91	91	92	93	88	82	75	72	59	54	52	51
14	99	98	98	97	95	95	95	94	83	53	53	53	52	54	55
15	97	99	98	97	96	95	94	93	76	60	49	49	46	51	50
16	89	89	83	86	91	93	93	88	77	70	60	53	50	50	50
17	90	92	91	92	94	94	93	93	84	78	67	62	59	52	54
18	100	96	86	83	83	82	84	82	74	64	59	64	51	49	46
19	91	92	94	96	96	96	95	92	80	70	63	55	55	57	54
20	92	92	93	93	94	93	95	95	93	84	77	78	60	56	56
21	93	94	94	92	91	84	85	83	77	76	73	70	70	73	75
22	81	84	88	90	92	92	92	90	85	82	82	77	69	63	56
23	95	92	93	94	94	94	91	93	82	65	53	51	45	43	55
24	43	40	46	56	60	66	70	78	79	78	81	81	81	77	72
25	95	95	96	96	97	97	98	90	85	76	69	66	61	56	55
26	84	85	90	91	92	92	93	88	78	66	58	52	50	47	48
27	89	90	91	92	90	87	86	81	73	66	58	50	48	46	46
28	82	83	87	87	87	82	85	88	81	80	61	69	75	69	73
29	60	54	53	58	59	59	64	65	64	66	64	64	68	70	67
30	88	94	92	92	95	96	95	97	97	97	97	96	95	90	97
31	91	95	96	97	97	97	96	97	94	91	87	87	88	84	86
Prom.	88	89	88	89	90	90	90	89	80	72	66	62	60	57	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	12.5	12.5	12.5	12.5	12.5	13.0	12.0	10.1	10.0	9.0	9.0	8.5	9.0	8.3	8.5
2	7.2	6.8	7.0	6.8	6.6	6.6	7.4	9.9	9.5	9.5	8.0	8.5	8.0	8.2	8.0
3	11.0	11.0	11.0	12.0	11.5	12.5	13.0	13.1	12.5	13.0	13.0	14.0	14.0	13.7	13.0
4	9.0	9.5	9.0	8.0	7.8	7.4	7.2	7.8	6.0	6.2	6.4	6.6	6.4	6.3	6.4
5	6.8	7.2	6.8	7.4	8.0	8.5	8.0	9.5	9.5	9.5	12.0	10.5	10.5	11.2	11.5
6	9.0	9.0	8.5	8.5	7.6	7.2	7.2	8.4	8.0	8.5	8.5	7.4	7.2	7.5	7.6
7	8.0	7.8	8.5	7.8	7.8	7.6	7.2	6.5	5.8	5.8	5.8	5.8	5.8	5.6	5.6
8	5.2	5.0	6.0	5.8	5.8	5.8	6.0	6.1	6.2	6.6	7.2	7.4	7.2	7.6	7.4
9	9.5	9.0	8.5	8.5	7.8	7.6	7.0	8.0	7.2	7.6	7.6	5.0	5.8	5.1	5.8
10	6.0	6.2	5.6	6.0	6.4	6.2	6.8	7.6	7.4	7.0	7.4	7.0	6.8	6.8	6.4
11	6.4	6.0	6.2	6.0	6.0	5.8	5.6	6.1	6.2	6.4	6.2	6.8	6.0	6.1	5.4
12	5.4	5.2	5.4	5.0	5.4	5.0	4.8	5.5	6.2	4.8	4.8	5.0	4.8	5.2	4.8
13	4.8	4.8	4.8	4.8	4.8	5.0	4.8	5.2	5.6	6.0	7.2	6.2	6.0	6.0	6.0
14	4.6	4.8	4.8	5.0	4.6	4.6	4.6	4.9	6.4	5.6	6.4	6.8	6.6	6.9	6.4
15	5.4	5.4	5.4	5.8	6.2	6.0	5.8	7.6	7.8	6.8	6.6	6.6	6.6	7.0	6.6
16	7.8	7.8	7.4	7.8	8.0	7.8	7.8	8.0	7.8	7.6	7.0	7.4	6.8	7.3	6.8
17	7.8	8.0	7.8	7.2	7.2	7.2	7.2	7.9	7.6	8.0	8.0	8.0	8.0	8.0	7.8
18	7.8	8.5	8.5	8.0	8.5	8.5	8.5	9.2	8.5	8.5	9.0	10.5	9.5	9.3	9.0
19	9.5	9.0	8.5	9.0	9.0	9.0	9.0	9.6	9.5	9.5	10.5	10.0	10.0	11.2	11.0
20	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.5	11.5	11.5	11.5	11.5	8.5	8.6	8.5
21	9.5	9.5	10.0	10.0	10.0	9.0	9.5	10.8	12.0	14.0	14.5	15.0	14.5	15.4	11.5
22	8.5	8.5	9.0	8.5	9.0	9.0	9.0	8.9	8.0	8.5	9.0	8.5	8.5	8.8	8.5
23	6.0	5.8	5.4	5.8	5.8	5.8	5.4	6.0	8.0	8.0	7.2	8.0	7.0	6.7	8.0
24	5.4	4.8	6.0	7.2	7.2	8.5	8.5	10.1	10.5	12.0	12.5	14.0	14.5	15.6	16.0
25	17.0	16.5	17.0	16.5	16.0	16.0	15.5	15.0	14.0	15.0	14.5	14.5	15.0	13.6	12.5
26	13.5	13.5	13.5	14.0	13.5	13.0	13.0	13.2	13.0	13.5	13.5	13.5	13.0	13.6	13.5
27	13.5	13.5	14.0	13.5	13.0	13.5	13.5	13.5	13.0	13.5	13.0	13.5	13.0	12.7	13.0
28	13.5	13.0	14.0	13.5	13.5	13.5	13.5	14.1	14.5	13.5	11.5	11.5	11.5	10.4	10.5
29	4.4	4.2	4.2	4.4	4.2	4.2	4.4	4.8	5.2	6.0	6.4	6.6	7.2	7.5	7.2
30	6.2	6.6	6.8	7.0	7.0	7.2	7.6	8.3	8.0	8.0	8.5	8.5	8.5	8.8	9.0
31	8.5	8.5	9.0	9.0	9.0	9.0	9.0	9.4	9.0	9.0	9.0	9.0	9.5	9.4	9.5
Prom.	8.4	8.4	8.5	8.5	8.4	8.4	8.4	8.9	8.8	9.0	9.1	9.1	8.9	9.0	8.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
41	52	67	79	86	89	94	94	98	98	24	39	15-16	59	75
48	59	70	72	80	79	80	83	85	100	6-8	41	14	59	76
67	62	59	63	67	75	76	76	78	96	7,8	58	18-19	38	77
52	60	72	82	86	87	84	80	70	95	3-4	48	14-15	47	73
95	97	98	98	98	98	98	96	96	98	18-22	74	9-10	24	87
49	62	67	71	73	74	79	87	92	96	2-4	38	13-14	58	74
53	67	80	88	93	95	96	95	95	96	22	51	14-15	45	78
62	72	78	80	90	93	94	94	94	95	0,1	52	14	43	80
48	60	74	81	90	94	95	95	99	100	23-24	33	12-13	67	78
60	65	71	74	77	83	87	87	89	99	0	55	15-16	44	77
41	42	66	77	81	86	88	92	94	100	6,7	41	16	59	78
51	55	68	80	83	86	87	92	94	96	3,5	48	15-16	48	77
52	65	79	88	93	96	98	100	99	100	23	49	15-16	51	81
71	80	88	95	98	99	100	97	96	100	22	51	11-12	49	83
53	58	66	71	74	75	80	80	83	100	2-3	45	12-13	55	74
55	61	72	78	82	86	96	88	88	96	23	48	14-15	48	76
61	74	85	92	97	97	96	100	100	100	23,24	51	13-14	49	83
57	71	78	83	88	91	91	92	93	100	0,1	45	14-15	55	77
64	70	73	74	75	82	84	87	89	96	4-6	54	15	42	78
57	68	70	83	86	89	97	97	95	97	22,23	55	15,16	42	83
85	86	87	83	83	79	79	80	78	95	0	68	12-13	27	82
52	64	77	85	92	90	93	95	95	95	22,23	52	16	43	82
62	70	67	71	72	75	76	59	49	97	4-5	37	13-14	60	72
77	82	86	87	87	84	91	93	95	95	24	40	2	55	74
60	71	77	74	76	80	82	84	84	98	7	52	14-15	46	80
55	66	76	80	80	83	87	86	91	93	7	45	14-15	48	76
50	61	68	72	77	79	82	81	82	92	4	46	14,15	46	73
74	61	61	66	68	66	63	64	66	89	7-8	57	16-17	32	74
68	75	81	87	86	92	95	99	95	100	22-23	53	3	47	71
97	98	98	96	95	95	95	92	92	100	8-9	88	1	12	95
86	87	86	87	87	87	92	92	95	98	4-5	84	14	14	90
61	68	76	80	84	86	88	88	89	97		52		45	78

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.0	8.5	9.5	8.5	8.3	7.8	8.0	7.2	7.4	13.0	6	7.2	23	5.8	9.7
8.5	9.0	10.0	10.0	10.4	10.0	10.0	11.0	11.5	11.5	24	6.6	5,6	4.9	8.7
13.0	11.0	9.0	9.0	8.9	9.5	9.5	9.0	9.0	14.0	12,13	9.0	18,19,23,24	5.0	11.5
7.0	6.6	7.6	7.6	7.4	7.4	7.0	7.2	6.6	9.5	2	6.0	9	3.5	7.3
11.0	11.5	11.5	11.5	11.4	11.0	11.0	10.5	10.5	12.0	11	6.6	0	5.4	9.9
7.8	8.5	8.0	8.0	7.4	7.2	7.6	8.0	8.5	10.5	0	7.2	6,7,13,21	3.3	8.0
5.4	6.2	5.8	5.8	6.1	5.2	5.4	5.2	5.0	8.5	3	5.0	24	3.5	6.3
8.5	9.0	9.0	9.0	10.1	9.5	9.5	9.5	9.5	10.1	20	5.0	2	5.1	7.4
6.2	7.0	6.8	6.4	6.5	6.0	5.6	5.4	6.0	9.5	1	5.0	12	4.5	6.9
6.0	6.0	6.4	6.2	6.5	6.4	6.8	6.8	6.4	7.6	8	5.6	3	2.0	6.6
4.6	4.0	5.6	5.8	5.7	5.8	5.6	5.6	5.6	6.8	12	4.0	17	2.8	5.3
5.0	4.6	5.4	5.4	5.5	5.4	5.2	5.2	5.2	6.2	9	4.6	17	1.6	5.2
6.0	6.2	6.0	5.8	5.5	5.4	5.2	4.8	4.8	7.2	11	4.8	1-5,7,23,24	2.4	5.5
7.8	7.6	7.6	7.6	7.2	6.6	6.4	6.0	5.6	7.8	16	4.6	1,5-7	3.2	6.1
7.2	7.0	7.2	7.2	7.3	6.8	7.2	7.2	7.6	7.8	9	5.4	1	2.4	6.7
7.4	7.8	7.8	7.4	7.7	7.8	9.0	8.0	8.0	9.0	22	6.8	13,15	2.2	7.7
8.5	8.5	8.0	8.5	8.8	7.8	7.2	7.2	7.4	8.8	20	7.2	4-7,22-23	1.6	7.8
10.0	10.5	9.5	9.5	10.0	10.0	10.0	9.5	9.0	10.5	12	7.4	0	3.1	9.2
11.5	11.5	11.0	10.5	11.0	11.0	10.5	11.0	11.5	11.5	24	8.5	3	3.0	10.2
8.5	9.0	9.0	9.0	9.3	8.5	10.0	10.0	9.5	11.5	8-12	8.5	13,15,16,21	3.0	10.1
10.5	10.5	10.5	9.5	9.9	8.5	8.0	8.0	8.0	15.4	14	8.0	22-24	7.4	10.8
7.8	8.0	8.0	7.2	8.4	6.6	6.4	6.2	6.0	9.0	6,7,11	6.0	24	3.0	8.1
8.5	9.0	8.0	8.0	8.0	7.8	9.0	6.8	5.8	9.0	17	5.4	3,7	3.6	7.1
16.5	17.0	17.5	17.5	17.3	16.5	18.5	18.0	17.5	18.5	22	4.8	2	13.7	12.9
14.0	15.0	14.5	13.5	14.2	13.5	14.0	13.5	14.0	17.5	0	12.5	15	5.0	14.8
13.5	15.0	15.5	14.5	14.8	14.0	14.0	14.0	14.0	15.5	18	13.0	6,7,9,13	2.5	13.8
12.5	14.0	13.5	13.5	13.8	13.0	13.5	13.5	13.5	14.0	3,17	12.5	16	1.5	13.4
10.5	8.0	7.2	7.2	6.6	6.4	5.8	5.4	5.2	14.5	9	5.2	24	9.3	10.6
7.0	6.8	7.0	6.8	6.7	6.8	6.0	6.2	6.2	7.5	14	4.2	2,3,5,6	3.3	5.8
9.0	9.0	9.0	9.0	9.0	8.5	8.5	8.5	8.5	9.0	15,20	6.2	1	2.8	8.1
9.5	9.5	9.5	9.5	9.6	10.0	10.5	10.5	10.5	10.5	22-24	8.5	1,2	2.0	9.4
8.9	9.1	9.1	8.9	9.0	8.6	8.7	8.5	8.5	10.8		6.8		4.0	8.8

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	NW	7	W	10	W	11	SW	6	SW	6	S	6	S	9	S	7	SE	8	SE	6	SE	7	SE	8	SE	7	SE	6	S	8
2	Calma	1	Calma	1	Calma	1	Calma	0	Calma	0	NE	3	N	3	NW	6	NW	14	NW	14	NW	14	NW	12	NW	16	NW	17	NW	13
3	NW	14	NW	14	NW	16	NW	16	W	8	W	7	SW	7	SE	2	N	3	NE	5	NE	10	NE	7	NE	8	NW	6	SW	2
4	S	12	S	11	S	9	SE	5	SE	4	SE	2	SE	2	Calma	1	SW	4	S	4	SW	5	SW	3	S	5	S	2	NW	2
5	N	10	N	10	N	11	N	12	N	15	N	12	NW	17	NW	23	NW	23	NW	21	SE	5	S	8	SE	5	SE	4	SW	7
6	W	4	W	7	W	8	W	6	W	4	W	5	W	7	W	12	W	17	SE	11	W	13	SW	13	SW	17	W	17	W	16
7	S	17	S	18	S	17	S	15	S	12	S	11	S	9	S	9	S	10	SE	9	SE	8	SE	8	SE	9	SE	8	SE	7
8	NW	4	NW	7	NW	8	NW	11	NW	9	NW	12	NW	8	NW	11	NW	19	NW	19	NW	19	NW	20	NW	17	NW	13	NW	14
9	W	5	SW	6	SW	5	S	8	S	4	S	4	S	2	S	2	S	7	SE	2	SE	4	SE	5	SE	7	SE	6	SE	5
10	SE	2	Calma	1	SE	3	SE	2	SE	4	SE	7	SE	4	SE	3	SE	7	SE	7	SE	9	SE	7	SE	10	SE	7	SE	7
11	SW	5	SW	6	SW	6	SW	4	SW	6	SW	5	SW	5	SW	7	SW	8	S	8	SE	7	SE	9	S	7	S	9	S	9
12	S	3	S	4	S	4	S	4	S	5	S	3	S	3	S	6	SE	8	SE	10	SE	11	SE	10	S	13	S	12	SE	12
13	S	6	S	8	S	6	S	5	S	6	S	8	S	7	S	5	S	9	SE	7	SE	6	SE	8	SE	7	SE	7	SE	5
14	Calma	1	S	2	SW	2	SW	2	Calma	1	Calma	1	SE	2	Calma	0	Calma	1	NE	5	N	5	NE	9	NE	9	NE	13	NE	12
15	NE	5	N	4	N	4	N	5	N	6	N	4	N	7	NE	8	NE	9	NE	10	NE	15	N	21	N	19	N	17	N	18
16	NE	9	NE	9	N	12	N	14	N	11	N	10	NE	9	NE	12	N	19	N	18	N	20	N	22	N	24	N	25	N	25
17	N	12	N	12	N	5	N	4	N	4	N	8	N	6	N	7	N	11	N	14	N	16	N	16	N	12	N	15	N	14
18	NE	3	NE	7	N	8	N	9	N	13	N	13	N	10	N	10	N	14	N	13	NW	18	NW	17	NW	13	NW	15	NW	13
19	NW	13	NW	12	NW	8	NW	10	NW	12	N	12	N	12	NW	15	NW	20	NW	22	NW	19	NW	21	NW	23	NW	20	NW	23
20	N	9	N	11	NW	10	NW	12	NW	5	NW	5	SE	2	Calma	1	Calma	1	S	2	S	6	S	5	SE	11	SE	9	SE	9
21	NE	8	NE	8	NE	7	NE	8	NE	10	NE	10	NE	9	NE	7	NE	16	N	21	NW	21	NW	20	W	15	SW	10	SE	14
22	E	4	SE	2	S	2	S	5	SE	3	SE	4	SE	6	SE	9	SE	9	SE	4	E	8	SE	6	SE	9	S	10	S	8
23	W	3	SW	2	SW	3	SW	6	SW	7	S	2	S	4	S	3	N	2	N	2	N	12	N	11	NE	13	NE	15	NE	15
24	NE	19	NE	21	NE	17	NE	18	N	14	N	16	N	16	N	16	N	12	N	19	N	22	NW	22	NW	23	NW	17	NW	15
25	SW	2	Calma	1	SE	3	E	3	E	4	NE	4	NE	3	N	8	N	12	N	15	N	17	N	18	NW	17	NW	19	NW	14
26	NW	21	NW	19	NW	15	NW	14	NW	14	NW	15	NW	11	NW	15	NW	22	NW	23	NW	21	NW	23	NW	23	NW	21	NW	19
27	NW	17	NW	18	NW	19	NW	17	NW	19	NW	19	NW	20	NW	22	NW	25	NW	23	NW	26	NW	25	NW	28	NW	31	NW	24
28	NW	20	NW	19	NW	22	NW	21	NW	19	NW	21	SW	14	NW	5	W	9	S	8	SE	10	S	11	SW	4	SW	8	W	8
29	SW	6	SW	9	SW	9	SW	10	W	9	S	9	S	11	S	9	S	8	S	8	SW	8	SW	10	SW	8	SW	7	SW	8
30	E	3	E	2	NW	2	SE	2	S	2	N	2	N	6	N	7	N	9	N	9	N	10	NE	11	NE	14	NE	13	NE	7
31	E	7	NE	7	NE	8	E	4	E	2	E	3	E	2	E	2	SE	4	E	7	E	6	E	8	E	10	NE	14	NE	13
DIRECCIÓN PREVALENTE	SW		NW		NW		NW		NW-N		N		N		NW		N		N-SE		SE		SE-NW		SE-NW		NW		NW	
NUMERO DE HORAS	7		6		8		7		6		8		7		7		8		8		9		8		8		9		9	
PROM. HOR. DE LA VELOCIDAD		8		9		8		8		8		8		8		8		11		11		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
SE	6	SE	3	SE	2	Calma	1	Calma	0	Calma	1	Calma	1	Calma	1	Calma	1	SE	9	5	11	S	6.42
NW	16	NW	8	N	9	N	8	N	10	N	11	N	13	N	12	NW	11	NW	11	9	20	NW	13.25
SW	6	SW	10	SW	13	S	20	S	12	SW	5	SW	4	SW	10	S	10	SW	8	9	31	S	18.42
NW	5	NW	9	N	3	NE	4	NE	5	NE	6	NE	6	N	10	N	12	S	6	5	16	S	0.10
SW	5	SW	6	W	11	SW	5	SW	10	SW	9	SW	8	SW	9	S	7	SW	8	10	28	NW	8.36
SW	13	SW	11	SW	5	SW	7	SW	8	SW	8	SW	11	SW	11	SW	12	SW	12	10	25	SW	12.12
SE	5	S	3	Calma	0	Calma	1	E	2	E	2	E	2	NE	2	N	2	S	10	8	29	S	1.[illegible]
NW	10	NW	8	NW	5	NW	6	W	4	W	3	W	3	W	5	NW	5	NW	20	10	26	NW	10.48
SE	5	SE	2	Calma	1	Calma	0	Calma	0	Calma	0	Calma	0	Calma	0	SE	2	SE	9	3	11	SE	11.42
SE	6	SE	4	SE	5	SE	5	SE	4	SE	3	Calma	0	S	2	S	5	SE	20	5	12	SE	11.1[illegible]
S	12	S	10	S	5	S	5	S	4	S	6	S	4	S	4	S	4	S	13	6	19	S	14.[illegible]
SE	10	S	7	S	4	S	4	S	7	S	6	S	5	S	5	S	6	S	18	7	21	S	14.12
SE	5	Calma	1	Calma	0	Calma	0	Calma	1	Calma	1	E	2	E	3	Calma	1	S	9	5	11	SE	11.16
NE	12	NE	8	NE	6	E	5	E	3	E	3	NE	4	NE	2	NE	3	NE	11	5	15	NE	14.32
NE	14	NE	11	NE	8	NE	8	NE	10	NE	10	NE	9	NE	8	NE	9	NE	14	10	25	N	11.24
N	18	N	12	N	6	N	7	N	6	N	5	N	11	N	11	N	12	N	20	14	30	NW	14.40
N	13	NE	7	NE	5	NE	5	NE	4	NE	4	NE	4	NE	4	NE	4	N	16	8	17	NW	10.[illegible]6
NW	13	N	14	N	8	N	10	N	9	N	11	N	14	N	13	N	12	N	16	12	18	NW	16.12
N	17	N	11	N	10	N	11	N	15	N	10	N	8	N	8	N	10	NW	13	14	28	NW	13.24
SE	8	NE	6	E	9	E	3	E	5	NE	4	NE	8	E	7	NE	7	SE E	5	6	21	SE	12.30
SE	11	SE	11	SE	13	SE	16	SE	18	E	16	E	11	E	10	E	8	NE	9	12	31	S	14.56
S	8	SW	4	S	2	S	2	W	3	Calma	1	W	3	W	4	SW	4	SE	9	5	16	S	12.56
NE	12	NE	11	NE	11	NE	12	N	11	N	14	NE	19	NE	19	NE	18	NE	10	9	23	NW	22.24
N	8	N	8	N	11	N	14	N	9	NW	12	NW	15	NW	12	W	6	N	12	15	29	NW	11.33
N	12	NE	9	N	9	N	10	N	13	N	11	N	10	N	15	NW	18	N	12	10	20	NW	13.36
NW	15	N	9	N	8	N	9	N	11	N	12	N	12	N	14	N	12	NW	16	16	31	NW	9.42
NW	25	N	13	N	12	N	11	N	10	N	13	N	14	N	14	NW	19	NW	17	19	31	NW	12.40
W	11	SW	11	SW	9	SW	6	SW	7	SW	7	SW	5	SW	6	SW	5	SW	11	11	25	S	10.56
S	7	S	2	Calma	1	S	2	Calma	1	E	2	E	2	NE	2	NE	3	SW	10	6	19	S	6.30
E	4	E	8	E	7	NE	9	NE	9	NE	5	NE	6	E	6	E	6	NE	8	7	17	NE	12.28
NE	14	NE	14	NE	12	NE	12	NE	16	NE	17	NE	18	NE	19	NE	17	NE	13	10	26	NE	15.21
SE		SE		N		N		N		N		NE		N		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
8		7		9		8		9		8		8		8		7		N	146	9	DIRECCIÓN	DÍA	HORA
	10		8		7		7		7		7		7		8		8				NW	16 26 27	de 14.25 a 14.50 de 9.55 a 10.00 de 13.25 a 13.50

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							9	53	4	30	2	12	2	21	1	7	6	128
2	7	66	1	3											11	141	5	213
3	1	3	4	30			1	2	3	42	8	57	2	15	5	66		215
4	3	25	4	21			4	13	6	43	3	12			3	16	1	131
5	6	70					3	14	2	15	8	59	1	11	4	84		253
6							1	11			12	134	11	101				245
7	1	2	1	2	3	6	7	54	10	121							2	186
8													4	15	20.	225		240
9							9	38	6	27	2	11	1	5			6	82
10							20	106	2	7							2	114
11							2	16	13	87	9	52						155
12							6	61	18	101								162
13					2	5	7	45	9	60							6	114
14	1	5	11	83	3	11	1	2	1	2	2	4					5	111
15	10	105	14	134														239
16	20	288	4	39														327
17	16	169	8	37														206
18	16	181	2	10											6	89		280
19	13	218	11	124														342
20	2	20	3	18	5	31	5	39	3	13					4	32	2	155
21	1	21	9	83	4	45	6	83			1	10	1	15	2	41		298
22					2	12	9	52	7	37	2	8	3	10			1	120
23	6	52	10	145					3	9	4	18	1	3				227
24	12	165	4	75									1	6	7	116		362
25	12	150	3	16	2	7	1	3			1	2			4	68	1	247
26	8	87													16	291		378
27	7	87													17	377		464
28							1	10	2	19	11	82	3	28	7	127		266
29			2	5	2	4			8	56	10	84					2	151
30	6	43	8	74	7	36	1	2	1	2					1	2		159
31			13	181	10	51	1	4										236
SUMAS	148	1757	112	1080	40	208	94	611	98	671	75	545	30	229	108	1682	39	6806
% PREVAL POR VELOCIDAD	25.8		15.9		3.0		9.0		9.8		8.0		3.4		24.7		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		10		5		6		7		7		8		16		7	219

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	5	3	1	4	3	3	7	2
1 - 2	4	5	1	1	5	4	2	6	3
2 - 3	5	3	0	2	5	5	2	8	1
3 - 4	5	2	2	3	5	5	1	7	1
4 - 5	6	1	2	3	5	4	2	6	2
5 - 6	8	3	1	3	7	1	2	5	1
6 - 7	7	3	1	5	7	3	1	4	0
7 - 8	5	3	1	3	7	1	1	7	3
8 - 9	8	2	0	5	4	2	2	6	2
9 - 10	8	3	1	8	5	0	0	6	0
10 - 11	7	2	2	9	1	2	1	7	0
11 - 12	5	3	1	8	3	3	0	8	0
12 - 13	3	4	1	8	3	3	1	8	0
13 - 14	3	4	0	7	4	3	1	9	0
14 - 15	3	4	0	7	3	4	1	9	0
15 - 16	5	4	1	8	3	3	1	6	0
16 - 17	6	7	1	4	4	5	0	3	1
17 - 18	9	5	2	3	3	3	1	1	4
18 - 19	8	6	2	2	5	3	0	1	4
19 - 20	9	5	3	2	3	3	2	0	4
20 - 21	8	6	4	1	2	4	1	1	4
21 - 22	7	8	4	0	2	4	2	1	3
22 - 23	8	7	4	0	3	4	2	1	2
23 - 24	6	7	2	1	5	3	1	4	2
SUMAS	146	102	39	94	98	75	30	121	39
% de frec. por dirección	19.6	13.7	5.2	12.6	13.2	10.1	4.0	16.3	5.2

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0–8	Insolación	Transparencia	Observaciones
1	9	39.0	20.6	1.50	0	5	5	
	10	43.2	23.4	1.61	0	5	5	
	12	45.5	25.0	1.67	0	5	5	
	14	45.0	25.8	1.56	0	5	5	
	15	42.4	24.8	1.43	0	5	5	
2	9	36.6	18.4	1.48	1	5	5	
	10	41.5	22.0	1.58	1	5	5	
	12	44.4	25.0	1.58	2	5	5	
	14	38.7	24.4	1.16	6	3	5	Js.
	15	34.5	23.4	0.90	8	2	5	
3	9	35.6	21.0	1.19	7	4	5	
	10	43.2	24.2	1.54	1	5	5	
	12	42.7	25.0	1.44	6	4	4	B.
	14	42.2	25.7	1.34	7	4	4	B.
	15	25.7	22.4	0.27	7	0	5	
4	9	20.3	11.0	0.76	8	0	5	
	10	28.5	15.4	1.06	6	1	5	
	12	40.6	19.4	1.72	6	4	5	
	14	32.9	17.9	1.22	6	2	5	
	15	35.4	18.9	1.34	1	5	5	
5	9	26.4	18.0	0.86	8	0	5	
	10	19.4	16.4	0.24	8	0	5	
	12				8	0	4	LL.
	14				8	0	4	Am.
	15				8	0	4	Am.
6	9	35.5	17.2	1.49	0	5	5	
	10	40.0	20.0	1.63	1	5	5	
	12	45.5	23.0	1.83	3	5	5	
	14	43.1	23.7	1.58	1	5	5	
	15	37.7	21.7	1.30	1	5	5	
7	9	32.7	13.4	1.57	0	5	5	
	10	36.6	15.5	1.72	0	5	5	
	12	38.5	17.0	1.75	2	3	5	
	14	37.3	16.6	1.68	2	5	5	
	15	37.0	16.5	1.67	3	5	5	
8	9	16.5	9.6	0.56	7	0	5	
	10	18.5	11.5	0.57	8	0	5	
	12	16.3	9.6	0.54	8	0	5	
	14	22.6	17.2	0.44	8	0	5	
	15	20.0	16.0	0.32	8	0	5	
9	9	23.3	11.4	0.97	6	5	3	
	10	37.0	17.2	1.61	5	5	4	
	12	42.0	21.4	1.67	5	5	5	
	14	38.8	20.0	1.53	6	4	5	
	15	34.4	17.4	1.38	4	4	5	
10	9	16.6	10.6	0.49	8	0	5	
	10	21.4	13.6	0.63	8	0	5	
	12	36.2	17.4	1.53	7	4	5	Js.
	14	27.0	14.8	0.99	6	3	5	
	15	32.0	16.4	1.27	4	3	5	
11	9	20.5	9.5	0.89	3	3	5	
	10	35.5	15.0	1.67	1	5	5	
	12	29.4	15.6	1.12	3	3	5	
	14	36.0	17.6	1.50	3	3	5	
	15	38.0	18.0	1.63	3	3	5	
12	9	30.4	11.2	1.56	0	5	5	
	10	32.5	12.5	1.63	0	5	5	
	12	37.6	16.5	1.72	1	5	5	
	14	31.0	15.0	1.30	5	3	5	
	15	35.5	15.9	1.59	3	5	5	
13	9	29.4	10.5	1.51	0	5	5	
	10	34.4	14.0	1.66	0	5	5	
	12	39.7	17.8	1.78	3	5	5	
	14	35.6	16.0	1.59	3	3	5	
	15	34.0	16.5	1.42	2	5	5	
14	9	31.0	13.7	1.41	8	4	5	
	10	36.0	16.5	1.58	7	3	5	Js.
	12	39.2	18.7	1.67	7	3	5	Js.
	14	38.0	18.5	1.58	8	4	5	B.
	15	32.4	16.7	1.28	6	5	4	B.
15	9	32.2	16.5	1.28	8	4	5	Js.
	10	37.6	18.2	1.58	8	4	5	Js.
	12	33.0	19.0	1.14	8	0	5	
	14	27.0	17.8	0.75	8	0	5	
	15	29.1	18.6	0.85	8	0	5	
16	9	23.6	13.6	0.81	8	1	5	
	10	27.2	15.6	0.94	8	1	5	
	12	40.0	21.2	1.53	8	2	5	
	14	37.6	21.1	1.34	7	2	5	
	15	36.1	20.4	1.28	2	4	5	
17	9	18.5	16.5	0.16	7	0	5	
	10	25.3	14.6	0.87	8	0	5	
	12	30.1	13.1	1.38	7	1	5	
	14	27.9	19.4	0.69	8	1	5	
	15	26.8	18.4	0.68	8	1	5	
18	9	20.9	15.1	0.47	7	0	5	
	10	39.7	21.1	1.51	3	4	5	Js.
	12	39.9	22.2	1.44	2	4	4	Js.,B.
	14	40.0	24.6	1.25	2	4	4	Js.,B.
	15	35.6	23.2	1.01	5	4	4	Js.,B.
19	9	39.0	19.9	1.55	5	4	5	
	10	31.0	19.5	0.93	7	1	4	
	12	34.7	23.1	0.94	7	0	5	
	14	30.2	23.0	0.58	7	0	5	
	15	37.9	25.0	1.05	7	2	5	
20	9				8	0	3	Ne.,Am.
	10	32.0	20.2	0.96	8	1	4	Ne.
	12	26.0	19.0	0.57	8	0	4	
	14	26.0	19.5	0.53	8	0	5	
	15	26.5	19.5	0.57	7	1	5	
21	9	37.5	21.5	1.30	0	5	5	
	10	39.5	22.5	1.38	0	5	5	
	12	47.5	28.5	1.54	4	5	5	
	14	28.9	24.0	0.40	7	1	4	
	15				8	0	3	Am.
22	9	13.4	12.0	0.11	8	0	4	
	10				8	0	4	Z.
	12	17.8	14.0	0.31	8	0	5	
	14	39.3	20.5	1.53	0	5	5	
	15	37.0	20.5	1.34	0	5	5	
23	9	32.6	15.2	1.41	7	4	5	Js.
	10	37.9	18.7	1.56	4	4	5	
	12	41.5	21.5	1.63	8	3	5	Js.
	14	27.5	18.7	0.72	7	0	5	
	15	24.5	17.5	0.57	7	0	5	
24	9				8	0	5	Am.
	10	26.5	19.5	0.57	8	0	5	
	12	30.0	21.7	0.67	8	0	5	
	14	33.1	24.1	0.73	7	0	5	
	15	29.6	24.4	0.42	8	0	5	
25	9	26.3	21.2	0.41	7	1	5	
	10	37.0	24.5	1.01	7	1	5	
	12	32.6	25.0	0.62	7	1	5	
	14	43.5	28.0	1.26	7	3	5	
	15	30.7	25.6	0.41	5	4	5	
26	9	38.1	23.5	1.19	1	4	4	Ne.
	10	43.4	26.5	1.37	1	5	4	Ne.
	12	46.7	30.9	1.28	2	5	5	
	14	48.0	30.6	1.41	2	5	5	
	15	42.1	29.9	0.99	5	2	5	
27	9	38.0	23.5	1.18	0	5	4	
	10	44.4	26.6	1.45	0	5	5	
	12	48.5	31.0	1.42	3	5	5	
	14	45.6	30.5	1.23	2	4	5	
	15	43.4	29.9	1.10	2	4	5	
28	9	33.9	22.9	0.89	7	3	5	
	10	27.0	21.5	0.45	7	0	5	
	12				8	0	4	Z.
	14	18.3	16.3	0.16	8	0	5	
	15	18.4	16.9	0.12	8	0	5	
29	9	17.7	10.1	0.62	7	1	5	
	10	21.0	11.6	0.76	7	1	5	
	12	25.7	14.2	0.93	7	1	5	
	14	19.9	13.1	0.55	8	1	5	
	15	21.0	13.3	0.63	8	1	5	
30	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	4	LL.
	15				8	0	4	LL.
31	9				8	0	3	N.,Am.
	10	14.9	13.2	0.14	8	0	3	N.
	12	15.5	12.9	0.21	8	0	3	Ne.
	14	16.8	13.5	0.27	8	0	3	Ne.
	15	15.0	13.0	0.16	8	0	4	Ne.

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			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7				7.8	10.6	73
2			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6				7.7	10.6	72
3			0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.2			7.2	10.5	69
4			0.4	0.9	1.0	0.7	0.1	0.9	0.9	1.0	1.0	0.6			7.5	10.5	71
5															0.0	10.5	00
6			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.3	10.4	89
7			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.1	10.4	88
8						0.2	0.8	0.1	0.1						1.2	10.4	01
9				0.5	0.9	1.0	1.0	1.0	0.8	1.0	0.7	0.8			7.7	10.4	74
10						0.3	0.5	1.0	0.7	1.0	0.4	0.6			4.5	10.3	44
11			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.3	10.3	90
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			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.1	10.3	88
14				0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2			7.8	10.2	76
15				0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.6	10.2	84
16					0.1	0.5	0.2		0.2	0.2	0.3				1.5	10.2	15
17				1.0	1.0	1.0	1.0	0.9	0.5	0.4					5.8	10.2	57
18				0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.4			6.8	10.1	67
19			0.3	1.0	1.0	0.7	0.9	0.3	0.4	0.4	0.1				5.1	10.1	50
20							0.3	0.1		0.2					0.6	10.1	06
21			0.1	0.6	1.0	1.0	1.0	0.8	0.5	0.3					5.3	10.1	52
22								0.3	1.0	1.0	1.0	0.6			3.9	10.0	39
23				0.6	1.0	1.0	1.0	0.9	1.0	0.8	0.1	0.4			6.8	10.0	68
24															0.0	10.0	00
25					0.1	0.2	0.6	0.6	0.9	0.9	1.0	0.1			4.4	10.0	44
26			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2			8.3	10.0	83
27			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.5	9.9	86
28					0.2		0.2				0.6	0.3			1.3	9.9	13
29			0.4			0.3	0.9	0.3		0.1					2.0	9.9	20
30															0.0	9.9	00
31															0.0	9.9	00
Medias			0.2	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.3			5.2	10.2	52

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	18.0	20.4	18.4	17.4	19.0	18.3	16.8	17.2	17.6	17.4	17.4	17.8	19.6	19.7	19.6
2	15.5	18.2	16.0	17.5	17.8	15.9	16.0	16.3	16.2	17.2	17.0	17.0	19.7	19.6	19.6
3	17.9	20.8	19.3	17.1	19.0	18.7	16.2	16.9	17.6	17.2	17.3	17.7	19.7	19.5	19.6
4	16.3	18.3	16.9	16.5	17.4	16.9	16.5	16.4	16.5	17.4	17.2	17.1	19.6	19.6	19.4
5	16.1	16.4	16.0	15.7	15.3	14.9	15.5	15.0	15.0	16.6	15.8	15.6	19.2	18.8	18.4
6	14.4	17.4	16.5	14.5	16.4	16.2	14.5	14.9	15.4	15.6	15.6	15.9	18.4	18.3	18.2
7	14.5	16.2	14.0	14.5	15.6	15.1	14.5	14.6	14.1	15.6	15.5	15.3	18.3	18.2	17.9
8	13.2	15.2	15.4	13.2	14.3	14.7	13.5	13.4	14.8	14.9	15.8	14.7	17.8	17.6	17.5
9	14.2	16.5	15.0	13.9	14.5	15.0	13.8	14.0	14.4	14.8	14.7	15.1	17.5	17.4	17.4
10	13.8	15.4	14.7	13.5	14.5	14.3	13.6	13.5	13.8	14.6	14.4	14.4	17.4	17.3	17.1
11	12.4	15.0	13.7	12.5	14.0	13.8	12.9	13.0	13.3	14.2	13.9	14.1	17.0	16.9	16.7
12	11.4	13.9	12.7	11.7	13.1	12.9	12.2	12.3	12.6	13.6	13.3	13.5	16.6	16.5	16.3
13	10.5	13.8	12.6	10.9	12.7	12.6	11.5	11.7	12.2	12.9	12.7	12.8	16.1	15.9	15.7
14	10.4	13.8	13.0	10.6	12.6	12.5	11.2	11.4	11.8	12.4	12.3	12.3	15.5	15.5	15.3
15	10.6	14.1	13.4	10.7	12.8	12.9	11.1	11.4	12.1	12.4	12.2	12.1	15.3	15.3	15.2
16	12.2	14.6	13.7	11.9	12.2	13.1	11.6	11.8	12.3	12.5	12.5	12.7	15.3	15.3	15.3
17	12.2	14.6	13.7	11.9	13.3	13.2	11.8	11.9	12.3	12.7	12.6	12.8	15.3	15.3	15.2
18	13.0	16.1	15.3	12.7	14.4	14.4	12.0	12.5	13.0	12.7	12.9	13.2	15.3	15.4	15.4
19	13.8	16.3	16.2	13.3	14.9	15.1	12.8	13.0	13.5	13.4	13.4	13.7	15.5	15.7	15.7
20	15.3	16.8	15.0	14.5	15.5	15.2	13.4	13.6	14.0	13.9	14.0	14.2	16.0	16.1	16.1
21	15.0	18.3	16.8	14.3	16.5	16.0	13.5	14.1	14.6	14.0	14.1	14.6	16.2	16.3	16.3
22	15.1	16.1	14.9	14.6	15.0	14.6	13.9	13.8	13.8	14.4	14.4	14.3	16.5	16.6	16.4
23	12.4	15.4	14.6	12.6	14.2	14.1	12.7	12.8	13.1	13.7	13.5	13.4	16.3	16.1	16.0
24	14.3	16.8	17.5	13.7	15.1	16.2	12.9	13.3	14.1	13.6	13.7	14.1	16.0	16.0	16.1
25	17.8	19.6	19.2	16.6	17.7	18.0	15.0	15.4	16.0	15.0	15.2	15.0	16.6	16.9	17.1
26	17.7	20.3	19.8	16.9	18.4	18.6	15.8	16.1	16.7	15.8	16.0	16.4	17.4	17.5	17.6
27	18.4	20.5	19.8	16.5	18.8	18.7	16.3	16.6	17.0	16.6	16.5	16.7	18.0	18.1	18.1
28	18.8	19.3	17.4	17.8	18.3	16.3	16.6	16.6	16.5	16.8	16.7	16.7	18.3	18.3	18.3
29	14.2	15.7	15.0	14.4	14.1	14.7	14.6	14.2	14.3	15.7	15.2	15.0	18.0	17.7	17.4
30	13.9	13.9	13.6	13.7	13.6	13.2	13.3	13.0	13.0	14.4	14.0	13.8	17.0	16.8	16.7
31	13.9	14.4	14.5	13.3	13.9	13.9	12.7	12.9	13.0	13.6	13.6	13.7	16.2	16.2	16.1
Prom.	14.4	16.6	15.6	14.2	15.3	15.2	13.8	14.0	14.3	14.7	14.6	14.7	17.2	17.1	17.0

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	1.50 m.	7 m.	18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	14^h	20^h	Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.5	1.4	1.1	2.7							8543
2					0	0.2	1.8	1.4	3.9	-	-	-	-			8546
3	8.9	9.4	8.4	8.7	2	0.7	0.9	1.4	3.1							8550
4					1	0.8	0.9	0.8	3.1							8558
5					2	1.4	0.5	0.1	0.8							8559
6	26.3	26.4	22.5	22.3	2	0.2	1.4	1.2	3.5							8553
7					1	0.9	1.2	0.4	1.7	K.18	20.8	17.9	19.9			8555
8					1	0.1	1.3	0.9	2.4							8548
9	1.9	2.4	1.5	1.6	2	0.2	0.7	0.8	2.1							8559
10	0.0	0.2	0.0	0.1	2	0.6	0.4	0.8	1.5							8560
11					1	0.3	0.9	0.9	2.2							8561
12					0	0.4	0.7	0.9	1.8	K.19	18.3	17.5	17.8	17.9	14.3	8565
13					0	0.2	0.8	0.6	1.6							8571
14					0	0.2	1.4	0.6	2.0							8573
15					0	0.0	1.5	0.8	2.9							8577
16					0	0.6	1.4	0.8	2.5							8578
17					0	0.3	0.8	0.6	1.8	K.20	17.5	17.1	19.8			8579
18					0	0.4	1.3	1.0	2.6							8581
19					0	0.3	1.2	1.1	2.7							8583
20	0.0	0.0	0.0	0.0	0	0.4	0.4	0.8	1.7							8587
21	0.0	0.0	0.0	0.0	0	0.5	1.0	0.5	2.0							8588
22	0.0	0.0	0.0	0.0	0	0.5	0.4	0.6	1.1							8588
23	0.0	0.0	0.0	0.0	0	0.1	1.1	0.8	4.4	K.21	16.3	16.1	18.1			8608
24					0	2.5	0.7	0.6	1.6							8604
25	7.9	8.0	6.6	6.6	2	0.3	1.1	1.2	3.2							8608
26					1	0.9	1.8	2.4	5.1							8607
27					0	0.9	2.2	1.7	5.0	K.22	18.2	22.2	18.4			8613
28	0.0	0.3	0.0	0.0	1	1.1	0.7	0.7	2.7							8612
29	0.0	0.0	0.0	0.0	0	1.3	0.9	0.5	2.0							8618
30	0.2	0.6	0.2	0.3	2	0.6	0.1	0.1	0.4							8620
31	13.6	13.4	12.3	12.4	2	0.2	0.2	0.3	0.7							8616
Prom.	58.8	60.7	51.5	52.0	-	0.6	1.0	0.8	2.4	-	-	-	-	-	-	8580

0.50 m. 8^h	14^h	20^h	1 m. 8^h	14^h	20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
19.1	19.2	19.1	19.9	20.0	19.9	21.1	20.5	10.8	Ca. m. t. y n., r. m. y n.
19.3	19.3	19.3	19.6	19.8	19.7	21.2	20.7	0.7	Ca. m., Cn. t. y n., r. m. y n., Js. t., Jl. n.
19.1	19.3	19.2	19.6	19.9	19.9	21.1	20.6	8.5	Cn. m. t. y n., B. t.
19.3	19.3	19.0	19.5	19.7	19.5	21.5	20.6	2.5	Cn. m. t. y n., r. m. y n., Jl. n.
19.0	18.4	18.4	19.5	19.4	19.3	21.0	20.6	3.0	Cn. m. t. y n., R.LL. m., Jl. n.
18.4	18.3	18.1	19.3	19.4	19.3	21.0	20.6	2.0	Ca. m. t. y n., r. m. y n.
18.0	18.0	18.0	19.0	19.2	19.0	21.0	20.6	3.3	Ca. m. t. y n., r. m. y n., Ne. n.
17.7	17.6	17.6	18.8	18.9	18.9	20.9	20.6	-1.3	Cn. m. t. y n., r. m. y n., LL. m. y n.
17.2	17.3	17.1	18.7	18.9	18.6	20.8	20.5	1.6	Cn. m. y t., Ca. n., Ds.Js. t., r. n.
17.2	17.1	16.9	18.5	18.6	18.5	20.7	20.5	-0.6	Cn. m. y t., Ca. n., Z. m., r. n.
16.8	16.8	16.7	18.2	18.4	18.2	20.7	20.5	-1.6	Ca. m. t. y n., r. m. y n.
16.5	16.4	16.3	18.0	18.1	17.9	20.7	20.5	-3.5	Ca. m. y n., Cn. t., r. m. y n., h. m.
16.0	15.9	15.5	17.7	17.8	17.6	20.6	20.5	-2.5	Ca. m. t. y n., r.h. m. y n.
15.5	15.5	15.5	17.4	17.5	17.4	20.5	20.5	-2.9	Cn.m. y t,Ca.n,h. m,r.m.y n,Ne.m,B.t,Jl.Ne.n.
15.2	15.2	15.1	17.2	17.3	17.3	20.5	20.5	-3.1	Cn. m. y t., Ca. n., Js. m., h. m., r. m. y n.
15.1	15.1	15.0	17.2	17.2	17.1	20.4	20.5	3.5	Cn. m. y t., Ca. n., Js. m. y t., r. m. y n.
15.0	15.1	15.0	16.9	17.0	16.9	20.3	20.4	1.9	Cn. m. y t., Ca. n., r. m. y n., Ne. n.
15.0	15.1	15.0	16.8	17.0	17.0	20.3	20.4	1.6	Cn. m., Ca. t. y n., r. m. y n., B.Js. t.
16.3	15.3	15.3	16.9	16.9	17.0	20.3	20.4	4.5	Cn. m. y t., Ca. n., r. m. y n.
15.4	15.5	15.5	17.0	17.0	17.0	20.1	20.4	9.7	Cn. m. y t., Ca. n., N.Z. m., CH. t.
15.7	15.8	15.6	16.9	17.0	17.0	20.0	20.3	3.8	Ca. m., Cn. t. y n., r. m., Ne.Z. t.
15.8	16.0	15.8	16.9	17.0	16.9	19.9	20.2	8.5	Cn. m., Ca. t. y n., Z. m., r. n.
15.8	15.8	15.6	16.7	16.9	16.9	19.8	20.3	-1.5	Ca. m. y n., Cn. t., h.Ne. m., r. m. y n.
15.6	15.6	15.6	16.8	16.9	16.9	19.8	20.3	5.1	Cn. m. t. y n., Z. m., LL. n.
15.6	16.0	16.2	16.9	17.0	17.0	19.6	20.1	14.4	Cn. m. y t., Ca. n., r. n.
16.5	16.6	16.7	17.1	17.1	17.1	19.6	20.2	13.5	Ca. m. t. y n., r. m. y n.
17.1	17.1	17.2	17.3	17.3	17.3	19.5	20.2	14.0	Ca. m. t. y n., r. m. y n.
17.4	17.4	17.4	17.4	17.4	17.4	19.5	20.1	14.5	Cn. m. y t., Ca. n., N. m., r. m. y n., Z. t.
17.3	17.2	16.9	17.1	17.3	17.2	19.5	20.0	4.5	Cn. m. y t., Ca. n., r. m. y n.
16.5	16.5	16.5	17.2	17.2	17.1	19.4	20.0	-0.1	Cn. m. t. y m., Z. m. y n., LL. m. t. y n.
16.0	15.8	15.8	17.0	17.1	17.2	19.4	20.0	7.5	Cn. m. t. y n., N. m., Ne. t.
16.8	16.8	16.7	17.8	17.9	17.9	20.3	20.4	3.9	

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	58.1	65.7	7	9-10	50.0	3	3-4	12.6	18.0	6.6	23.4	3	14-15	2.6	7,8	24,0	6.2	10.5	58
2ª	63.5	72.7	13	10-11	47.8	20	17-18	10.6	17.1	5.4	23.1	19	15	0.9	14	1	6.4	10.2	62
3ª	56.9	70.0	30	1-2	44.6	21	12-13	15.4	20.6	10.5	28.4	26	15	3.3	23	7-8	3.7	10.0	37
MES	59.4	72.7	13	10-11	44.6	21	12-13	12.9	18.6	7.6	28.4	26	15	0.9	14	1	5.2	10.2	52

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	2,9	33	9	8.2	14.0	5.0	NW	12	24	3,5, 7,8	23	5	7-9	31	S	3	18.42	38.4	26.4	5	18.0	5	12-13
2ª	79	100	11,13-15,17-18	41	11	7.4	11.5	4.0	N	13	36	16	25	16	13-15	30	NW	16	14.40	-	-	-	-	-	-
3ª	79	100	29,30	37	23	10.4	18.5	4.2	NW	19	36	26, 27	31	27	13-14	31	S NW	21 26 27	14.56 9.42 12.40	22.3	13.4	31	5.2	30	9-10
MES	78	-	-	33	9	8.8	18.5	4.0	N	12	36	-	31	27	13-14	31	S,NW	-	-	60.7	26.4	5	18.0	5	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	8	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-
2ª	8	-	2	1	-	-	-	-	1	-	1	-	-	-	-	-	-
3ª	5	-	3	2	-	-	-	3	4	-	-	-	-	-	-	-	-
MES	21	-	6	3	-	-	-	4	6	-	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	-	-	-	-	1	-	2	3	-	-	5	5	-	-	-
2ª	9	4	-	-	-	-	-	3	1	-	-	5	5	3	-	-
3ª	8	1	-	-	-	-	-	-	-	-	-	7	3	-	4	-
MES	25	5	-	-	-	1	-	5	4	-	-	17	13	3	4	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV JUNIO 1949 N.° 6

RESUMEN MENSUAL

La corriente de aire tropical que el último día de Mayo venía avanzando hacia el Sud, eleva ya el 1° la temperatura al nivel máximo del mes. El desplazamiento inmediato de esta masa cálida por otra extensa de aire fresco, desencadena el día 2 intensas lluvias; reina ya buen tiempo el día 3 y la tensión del vapor baja hasta 3.6 mm, nivel mínimo mensual. Los días siguientes se caracterizan por tiempo inestable y nublado, hasta que un nuevo empuje de aire polar el día 8 restablece las características de la estación invernal.

Este tiempo bueno y frío aún se mantiene los primeros días de la segunda década; con el aumento de la nubosidad el 14, ascienden la temperatura y humedad debido a una leve corriente del Norte que se intensifica el 16 y el 17, cuando llega al Río de la Plata. Se registran entonces lluvias de intensidad variable, así como la presión más baja del mes (751.3 mm) y el maximun en la tensión del vapor (15.0 mm).

El buen tiempo de los dos últimos días de la segunda década se empaña luego sensiblemente cuando vientos cálidos y húmedos del sector N se hacen presentes con ligeras lluvias. Aire de origen polar desplaza de nuevo el 23 al tropical ambiente, caen algunos milímetros de agua, restableciéndose luego el buen tiempo, el que se descompone enseguida debido a un nuevo empuje de aire polar que comporta gran nubosidad y lluvias aisladas. A causa del mismo, regístranse los importes extremos en los diversos elementos; en efecto: mientras la columna térmica desciende a -1.8°C en el abrigo y a -7.5°C en la superficie, la barométrica asciende a 774.5 mm.

Las condiciones climáticas de este mes se encuadran en los límites normales de la estación. Sólo la precipitación pluviométrica total excede en algo a lo que es de esperar en este mes.

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	-	-	-	-	-	-	-	-	8	25	47	32	21	21	-
2	-	-	-	-	-	-	-	-	-	-	+∞	210	178	165	144
3	56	54	55	60	60	68	55	66	64	77	83	85	100	83	-
4	78	74	61	-	-	-	30	43	58	91	105	165	120	153	142
5	103	87	85	87	85	73	82	107	46	73	103	85	48	48	82
6	63	65	74	-	-	27	38	60	83	71	70	80	62	-	73
7	-	9	-	-	19	14	4	4	5	5	15	16	10	3	5
8	12	9	13	18	17	30	29	39	58	56	64	28	32	42	46
9	60	58	60	54	56	52	58	52	20	30	60	78	78	78	78
10	42	32	24	28	40	62	44	54	42	58	58	52	48	42	50
11	58	62	71	80	91	80	101	85	28	80	87	78	69	71	75
12	42	50	38	60	54	42	18	18	46	55	55	50	47	47	46
13	28	62	50	48	44	34	36	50	46	66	78	66	50	56	64
14	56	44	32	16	30	69	42	52	50	52	62	69	62	62	54
15	-	-	-	-	-	-	-	18	12	44	50	48	52	50	54
16	50	54	52	52	44	42	56	78	71	66	56	66	64	56	60
17	16	18	20	21	16	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	18	38	18	18	-	-
19	-	-	-	-	-	-	38	62	66	71	69	69	71	64	73
20	28	18	26	32	50	48	38	78	89	64	66	64	64	66	62
21	78	69	78	71	58	89	69	87	58	18	34	56	54	-	-
22	9	12	14	16	16	18	9	18	18	42	14	14	26	32	32
23	38	50	60	54	58	78	60	69	73	50	36	24	44	28	12
24	22	18	22	30	38	36	34	30	52	50	44	46	46	48	50
25	60	58	52	69	66	58	62	46	71	73	71	75	66	54	69
26	40	40	31	37	43	42	40	47	64	57	51	49	40	42	46
27	38	36	30	34	-	-	-	-	-	-	-	-	-	7	36
28	50	54	58	50	42	56	58	66	75	75	71	78	73	71	69
29	69	73	71	78	80	80	80	73	46	47	47	41	38	41	43
30	52	32	26	18	12	5	12	34	91	66	98	82	87	80	78
31															
Prom.	47.4	48.2	46.6	51.6	53.6	52.5	52.6	58.8	53.8	60.7	65.2	61.1	54.5	54.4	60.0

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	-	-	-	-	-	-	-	-	0.72	0.56	1.28	1.11	0.88	0.61	1.49	1.44
2	-	-	-	-	6.75	10.79	17.54	0.62	0.13	0.10	0.23	1.30	0.62	0.46	1.08	1.35
3	8.30	8.20	16.50	1.01	6.90	6.35	13.25	1.08	1.03	1.05	2.08	0.98	0.95	1.08	2.03	0.88
4	-	-	-	-	3.98	4.03	8.01	0.99	0.56	0.62	1.18	0.90	0.67	0.68	1.35	0.98
5	9.96	12.47	22.43	0.80	7.06	10.69	17.75	0.69	0.65	1.08	1.73	0.60	0.85	0.90	1.75	0.94
6	-	-	-	-	6.21	4.61	10.82	1.35	0.55	0.56	1.11	0.98	0.39	0.35	0.74	1.11
7	-	-	-	-	-	-	-	-	0.24	0.22	0.46	1.09	0.22	0.27	0.49	0.81
8	6.95	7.37	14.32	0.94	5.86	4.94	10.80	1.18	0.82	0.76	1.58	1.08	0.65	0.58	1.23	1.12
9	7.92	7.69	15.61	1.03	8.92	9.16	18.08	0.98	-	-	-	-	1.26	1.39	2.65	0.91
10	6.32	7.51	13.83	0.84	8.01	9.26	17.27	0.87	0.75	0.95	1.70	0.79	1.06	1.14	2.20	0.93
11	4.02	9.12	13.14	0.44	4.68	5.98	10.66	0.78	0.60	0.54	1.14	1.11	0.61	0.60	1.21	1.02
12	4.76	6.67	11.43	0.72	5.23	7.61	12.84	0.68	0.60	0.69	1.29	0.87	0.83	1.00	1.83	0.83
13	11.43	17.12	28.55	0.67	8.02	6.90	14.92	1.18	1.17	1.22	2.39	0.96	0.86	1.03	1.89	0.83
14	5.91	11.56	17.47	0.51	14.12	13.53	27.65	1.04	0.73	0.59	1.32	1.24	1.58	1.41	2.99	1.12
15	-	-	-	-	10.84	11.11	21.95	0.97	1.06	1.12	2.18	0.95	1.32	1.32	2.64	1.00
16	-	-	-	-	-	-	-	-	0.83	0.97	1.80	0.86	1.49	1.54	3.03	0.97
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	1.16	1.73	2.89	0.67	-	-	-	-
19	-	-	-	-	7.21	8.71	15.92	0.83	0.57	0.60	1.17	0.95	0.86	1.03	1.89	0.83
20	-	-	-	-	7.15	7.15	14.30	1.00	0.76	0.84	1.60	0.90	0.90	0.90	1.80	1.00
21	-	-	-	-	-	-	-	-	0.68	0.55	1.23	1.05	1.55	1.86	3.41	0.83
22	-	-	-	-	-	-	-	-	1.21	1.43	2.64	0.85	1.52	1.65	3.17	0.92
23	-	-	-	-	-	-	-	-	0.23	0.23	0.46	1.00	0.51	0.54	1.05	0.94
24	-	-	-	-	3.74	11.46	15.20	0.32	1.02	1.16	2.18	0.88	0.58	0.81	1.39	0.72
25	-	-	-	-	6.66	8.91	15.57	0.74	0.74	0.85	1.59	0.87	0.84	0.93	1.77	0.90
26	-	-	-	-	6.21	5.19	11.40	1.20	0.91	1.06	1.97	0.86	0.75	0.84	1.59	0.89
27	-	-	-	-	-	-	-	-	0.12	0.10	0.22	1.20	0.30	2.07	2.37	0.14
28	-	-	-	-	6.03	7.17	13.20	0.84	0.75	0.71	1.46	1.06	0.57	0.65	1.22	0.88
29	-	-	-	-	-	-	-	-	0.62	0.73	1.35	0.85	1.04	1.51	2.55	0.69
30	-	-	-	-	3.95	6.04	9.99	0.64	0.27	0.41	0.68	0.66	0.56	0.66	1.32	0.85
31																
Prom.	7.28	9.74	17.03	0.77	6.88	7.98	14.86	0.90	0.70	0.76	1.46	0.95	0.86	0.99	1.86	0.92

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
-	-	-	10	9	10	15	18	9		167	-27	194	2*
133	96	80	89	91	64	94	87	87		+∞	-∞	-	3*
-	73	-	-	-	82	93	94	75		+∞	-38	-	3*
165	178	101	128	87	38	40	58	62		+∞	-33	-	1*
103	165	174	94	103	48	42	54	50	84.4	233	0	233	0
40	-	-	-	-	-	-	-	-		160	-68	228	2*
-	12	19	5	6	11	24	26	28		64	-23	87	2*
48	60	50	48	54	33	30	33	34	36.8	89	-32	121	1
78	64	50	52	60	50	66	73	78	60.1	176	0	176	0
44	44	46	50	26	48	40	42	50	44.4	96	-28	124	1
60	64	60	73	52	46	44	42	50	67.0	155	-81	236	1
44	47	50	43	43	49	37	26	13	42.5	126	-11	137	1
69	54	52	52	87	24	7	9	28	48.3	215	-110	325	1
58	56	50	48	73	18	-	-	-		126	-39	165	1*
54	71	94	103	56	42	38	38	38		176	-14	190	1*
58	60	48	40	14	18	20	17	18	48.4	114	- 7	121	1
-	-	-	-	-	-	-	-	-		-	-	-	3*
-	-	-	-	-	-	-	-	-		+∞	-∞	-	3*
69	62	60	54	57	52	82	42	42		242	-16	258	1*
64	73	69	69	80	73	75	75	82	60.5	121	+ 5	116	0
-	66	101	52	34	50	42	38	22		+∞	-∞	-	3*
18	16	18	22	9	12	16	28	30		85	14	99	2
-	-	-	-	-16	36	14	14	12		+∞	-142	-	3*
54	69	64	54	64	58	60	64	66	46.6	103	0	103	0
69	82	82	82	89	82	60	78	73	68.6	117	-32	149	1
44	43	80	89	75	58	44	41	42	49.4	109	- 8	117	1
16	32	38	24	46	9	16	44	36		94	-23	117	2*
73	73	73	78	71	73	71	71	71	66.7	103	- 4	107	1
45	47	50	51	50	59	49	30	40	55.3	114	+ 2	112	0
85	80	14	42	52	50	50	30	24		199	-148	347	2
60.9	67.5	67.7	62.5	62.0	51.4	46.1	46.8	49.6	55.6				

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^-
32	46	-	1.96	-	796	981	1777	0.81	-	1.02
51	162	57	1.24	2.05	364	681	1045	0.53	1.05	0.53
84	83	-	5.75	-	895	1224	2119	0.73	-	0.15
119	185	133	7.28	5.98	614	352	966	1.74	0.97	-
103	110	117	6.34	6.82	1534	1165	2699	1.32	0.36	-
77	81	38	3.00	0.94	731	566	1297	1.29	1.35	-
22	36	-	0.55	-	1016	855	1871	1.19	2.13	1.85
59	26	58	1.37	2.38	1224	1136	2360	1.08	-	-
82	80	75	-	6.62	1023	796	1819	1.28	1.42	0.24
54	58	42	3.29	3.08	1104	1190	2294	0.93	0.54	0.77
85	85	62	3.23	2.50	398	1224	1622	0.32	1.10	2.42
55	51	47	2.19	2.87	796	740	1536	1.08	1.73	0.74
80	80	73	6.37	4.60	792	920	1712	0.86	-	0.43
62	64	58	2.82	5.78	551	394	945	1.40	1.09	-
48	42	50	3.05	4.40	622	1044	1666	0.60	0.29	1.14
62	60	62	3.60	6.26	981	792	1773	1.24	0.80	0.90
-	-	-	-	-	509	981	1490	0.52	-	0.20
-	-	-	-	-	920	624	1544	1.47	1.08	0.57
71	64	71	2.50	4.47	1190	859	2049	1.38	0.76	0.24
69	60	78	3.20	4.68	914	1194	2108	0.76	-	1.22
36	54	-	2.21	-	681	1104	1785	0.62	-	0.36
9	14	20	1.23	1.10	855	792	1647	1.08	0.45	0.45
30	26	-	0.40	-	394	981	1375	0.40	-	-
40	42	54	3.05	2.50	916	1190	2106	0.77	1.27	0.61
54	75	78	3.98	4.60	792	492	1284	1.61	0.92	-
50	49	42	3.22	2.23	981	853	1834	1.15	1.41	0.65
-	-	16	-	1.26	398	1100	1498	0.36	0.46	1.44
80	75	75	3.65	3.05	855	796	1661	1.07	0.68	0.46
47	41	47	1.84	4.00	1079	1161	2240	0.93	-	0.34
78	75	78	1.70	3.43	306	792	1098	0.39	-	0.22
61	68	62	3.72	3.04	808	899	1707	0.96	0.99	0.74

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	55.9	55.5	55.4	55.1	54.7	54.7	54.8	54.8	54.5	54.4	54.2	53.1	52.6	52.2	53.2
2	56.0	57.3	56.4	56.9	57.5	57.6	58.1	59.5	58.6	59.6	59.7	60.0	59.2	59.2	59.4
3	64.0	64.0	63.8	63.9	63.9	63.9	64.6	64.8	65.0	65.0	64.7	65.4	63.8	63.2	62.9
4	63.9	63.6	63.7	63.7	64.1	64.7	65.0	64.7	65.2	65.1	64.6	64.4	63.7	63.2	63.1
5	61.8	61.4	61.1	60.6	60.5	60.4	60.2	60.2	60.1	59.3	59.2	58.3	57.8	57.2	57.3
6	60.5	61.0	61.4	61.4	61.5	61.8	62.0	62.2	62.4	62.5	62.1	61.7	61.0	60.4	60.5
7	59.2	59.0	58.7	58.2	58.1	57.9	57.8	57.5	57.1	57.0	56.7	56.1	55.4	54.8	54.8
8	56.2	56.7	56.7	56.9	57.2	57.5	58.2	59.0	59.6	60.0	60.1	59.8	59.7	60.0	60.1
9	63.5	63.3	62.9	63.0	62.8	62.9	62.9	63.4	63.6	63.7	63.6	63.4	62.9	62.4	61.9
10	62.5	62.5	62.3	62.1	62.4	62.5	62.5	62.7	62.9	62.9	63.0	62.3	61.6	61.3	61.1
11	62.7	62.7	62.6	62.6	62.7	62.9	63.1	63.4	63.6	63.5	63.3	62.9	62.6	62.4	62.3
12	63.3	63.3	63.1	63.0	63.0	63.5	63.5	63.6	63.6	63.7	63.5	63.0	62.5	62.0	61.6
13	62.6	62.2	62.2	62.1	62.2	62.3	62.4	62.6	62.5	62.4	61.6	61.1	60.4	59.9	59.7
14	60.7	60.8	60.3	60.1	59.9	60.2	60.4	60.4	60.2	60.2	60.0	59.1	58.5	57.9	57.9
15	58.9	58.6	58.4	58.2	58.8	58.8	59.0	59.8	59.4	59.4	58.9	58.6	57.8	57.5	57.3
16	57.6	57.7	57.7	57.7	58.0	58.3	58.6	59.0	59.1	59.1	58.9	58.1	57.6	57.3	57.1
17	55.3	54.9	54.2	54.0	53.5	55.2	55.2	54.2	54.3	54.2	53.3	53.4	52.5	52.2	52.2
18	53.7	53.7	53.7	53.6	53.4	52.9	53.3	54.1	53.4	53.9	53.7	53.4	52.6	52.4	53.0
19	55.6	55.7	56.0	56.3	56.9	57.0	57.4	57.8	58.2	59.0	59.0	59.0	58.9	58.9	58.9
20	62.2	62.2	62.2	62.2	62.2	62.5	63.0	63.4	63.6	63.6	63.5	62.9	62.1	61.8	61.5
21	60.6	60.2	59.8	59.5	59.5	59.6	59.5	59.5	59.6	59.2	58.9	57.9	56.6	56.4	56.1
22	54.4	54.3	54.3	54.3	54.1	54.4	54.5	55.0	55.2	55.4	55.6	55.2	54.7	55.0	55.4
23	60.9	61.5	61.4	60.6	60.2	60.3	60.2	60.6	60.7	60.7	60.0	59.5	59.0	58.2	58.7
24	60.3	59.9	59.9	59.9	59.5	50.6	61.0	61.6	62.7	63.6	63.8	64.1	64.2	64.3	64.9
25	68.1	68.1	67.8	67.7	67.7	67.9	68.2	68.6	68.8	69.0	68.5	68.0	66.8	66.3	65.9
26	63.0	62.3	62.0	61.5	61.0	60.7	60.6	60.6	60.9	60.9	61.0	60.7	60.4	60.0	59.7
27	61.7	61.6	61.7	61.9	61.9	61.9	61.8	61.8	62.2	62.1	62.1	61.2	60.6	60.2	60.2
28	61.1	61.1	60.9	61.1	61.3	61.8	62.6	62.8	62.9	63.7	64.4	64.8	64.5	64.5	64.7
29	69.3	69.5	69.7	69.7	69.8	70.7	71.2	71.4	71.7	71.9	72.2	71.8	71.6	71.6	71.9
30	74.3	74.3	74.2	74.0	73.6	74.0	74.2	74.2	74.3	74.3	74.2	73.2	72.6	72.2	71.6
31															
Prom	61.0	61.0	60.8	60.7	60.7	61.0	61.2	61.4	61.5	61.6	61.5	61.1	60.5	60.2	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	13.5	13.5	13.5	13.9	14.1	14.4	14.9	15.2	16.6	18.4	21.5	22.0	23.4	23.5	22.7
2	13.4	13.3	11.7	11.6	11.6	11.4	11.3	10.6	10.7	10.7	11.0	11.9	12.8	13.5	13.9
3	5.4	5.2	5.1	4.3	3.3	2.0	1.8	5.1	8.4	11.6	13.8	14.8	15.5	16.0	16.0
4	5.8	5.0	4.3	4.4	3.6	3.9	4.8	5.5	7.9	10.2	13.3	14.7	16.4	17.1	16.8
5	7.0	7.1	8.0	8.4	8.3	7.6	7.7	8.5	9.6	11.7	12.5	15.4	16.6	17.0	16.1
6	10.1	8.8	9.8	9.6	9.9	10.5	10.6	11.6	13.2	15.1	16.4	16.5	17.2	18.1	18.1
7	13.5	13.5	13.5	13.5	13.4	13.4	13.5	13.8	14.2	15.0	15.8	16.4	16.5	16.6	16.3
8	14.3	14.0	14.1	14.1	14.1	14.2	14.1	12.7	12.7	12.8	13.2	13.7	14.3	14.6	14.3
9	3.7	2.5	2.3	2.3	2.4	3.3	3.1	4.8	8.2	11.0	13.9	15.5	16.3	16.2	16.2
10	3.5	3.4	3.3	2.7	2.7	1.5	2.1	4.0	7.0	10.6	12.9	14.4	15.9	16.0	16.2
11	4.1	4.5	3.2	3.0	2.6	1.7	1.7	2.6	7.9	12.9	15.2	17.2	18.3	19.0	18.4
12	6.4	6.2	5.3	6.0	5.7	4.5	3.6	4.3	8.5	12.7	14.8	17.1	17.8	18.3	18.4
13	7.2	7.4	7.7	7.0	6.1	5.2	3.5	5.6	10.0	12.4	15.2	17.1	17.5	17.9	17.7
14	6.9	7.1	7.3	7.4	7.5	7.7	7.9	8.9	9.4	10.2	11.5	12.8	13.8	14.9	14.5
15	3.8	3.2	3.5	4.7	5.8	6.1	5.9	6.3	8.7	10.7	12.9	14.6	15.3	16.0	16.2
16	9.9	9.5	9.8	9.9	10.0	10.6	11.0	12.2	14.1	15.5	15.9	17.3	17.9	19.0	18.9
17	15.8	15.6	15.8	15.8	16.0	16.7	15.3	14.9	15.0	15.3	16.3	16.5	16.9	18.0	18.1
18	16.7	16.6	16.4	15.7	14.6	14.3	13.9	13.0	12.8	12.7	12.6	12.2	12.1	12.1	12.2
19	7.8	7.9	8.1	7.6	7.0	6.3	6.4	8.4	9.2	10.5	11.8	13.1	14.1	15.0	14.8
20	5.2	5.2	5.0	5.0	5.2	5.1	4.4	6.6	9.7	11.4	13.4	15.0	15.9	16.3	16.2
21	7.9	8.0	8.1	8.0	8.0	7.9	7.9	8.6	8.7	10.0	9.8	10.9	11.9	12.8	12.8
22	14.8	15.1	15.0	15.2	15.2	15.6	15.9	16.8	16.9	17.3	17.9	19.3	19.8	19.9	19.5
23	11.7	11.1	11.1	10.5	9.7	9.5	9.5	9.8	9.8	10.7	12.2	12.6	12.5	12.0	11.2
24	7.8	7.9	8.0	8.1	8.1	8.3	8.1	7.2	7.6	8.7	9.2	11.2	11.0	11.2	12.0
25	0.7	0.9	1.1	0.6	1.1	0.7	0.5	2.6	5.6	9.1	11.2	13.1	14.1	14.6	14.7
26	5.6	5.4	5.0	4.9	4.4	4.8	5.0	6.7	8.3	10.3	13.1	14.0	14.6	14.8	14.8
27	1.8	1.6	1.6	1.1	2.3	2.1	2.2	3.6	6.6	8.6	10.6	11.4	12.9	12.9	13.1
28	8.9	8.0	7.3	6.6	6.5	5.7	5.6	5.6	5.7	6.3	7.7	10.0	11.3	12.5	12.9
29	5.1	3.9	2.6	2.4	2.2	2.0	1.5	2.2	4.3	6.4	7.5	8.9	9.4	9.6	9.5
30	-0.9	-1.0	-1.3	-1.6	-1.5	-1.8	-1.7	0.1	3.8	8.7	10.2	11.1	11.4	11.6	11.6
31															
Prom	7.9	7.7	7.5	7.4	7.3	7.2	7.1	7.9	9.7	11.6	13.1	14.4	15.1	15.6	15.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
53.3	54.2	54.6	54.9	55.6	56.2	56.3	[illegible]	56.4	56.4	24	52.2	14	4.2	754.7 mm.	1006.2 mb.
60.6	61.3	61.8	62.2	62.4	63.2	63.7	[illegible]	63.9	63.9	24	55.3	1-2	8.6	59.9	1013.2
62.9	62.9	62.9	63.2	63.2	63.3	63.6	63.9	63.9	65.1	9-10	62.8	16-17	2.3	63.9	1018.5
62.9	62.7	62.7	62.7	62.8	62.5	62.3	62.3	62.2	65.2	9	62.2	24	3.0	63.6	1018.1
57.4	57.5	57.8	58.2	58.2	59.1	59.6	60.0	60.5	62.2	0	57.2	14	5.0	59.3	1012.4
60.6	60.7	60.5	60.6	60.6	60.4	60.4	60.0	59.8	62.5	10	59.8	24	2.7	61.1	1014.8
54.8	54.8	55.1	55.3	55.4	55.6	55.7	55.7	55.4	59.8	0	54.6	16-17	5.2	56.5	1008.6
60.3	61.1	61.3	62.0	62.6	62.9	62.2	63.5	63.5	63.5	23,24	55.4	0	8.1	59.9	1013.2
61.5	61.7	61.8	61.9	62.0	62.0	62.1	62.2	62.4	63.8	10-11	61.5	16	2.3	62.7	1016.9
61.5	61.8	61.8	61.9	62.1	62.6	62.7	62.9	62.9	63.2	10-11	61.1	15	2.1	62.3	1016.4
62.6	62.7	62.9	63.0	63.2	63.2	63.2	63.4	63.4	63.6	9	62.3	15	1.3	63.0	1017.3
61.6	61.6	61.8	62.0	62.1	62.5	62.4	62.2	62.4	63.7	10	61.5	16-17	2.2	62.7	1016.9
60.0	60.3	60.4	60.9	60.7	61.0	61.0	61.0	60.9	62.6	1,8	59.7	15	2.9	61.4	1015.2
57.7	58.1	58.5	58.5	58.6	58.4	58.6	58.9	59.0	60.9	0	57.5	15-16	3.4	59.3	1012.4
57.2	57.2	57.3	57.3	57.4	57.1	57.3	57.3	57.3	59.8	8	57.1	21	2.7	58.1	1010.8
57.1	56.9	57.1	57.3	57.2	57.1	56.6	56.3	55.7	59.1	9,10	55.7	24	3.4	57.6	1010.1
52.3	52.5	53.0	53.4	53.7	53.7	53.7	53.8	53.8	56.0	6-7	52.2	14,15	3.8	53.7	1004.9
52.3	52.4	52.5	52.5	53.4	53.5	54.2	55.4	55.7	55.7	24	51.3	16-17	4.4	53.4	1004.5
59.3	59.9	60.4	61.0	61.2	61.4	62.0	62.1	62.2	62.2	24	55.6	1	6.6	58.9	1011.8
61.4	61.3	61.3	61.0	60.8	60.6	60.8	60.8	60.9	63.7	9-10	60.6	21	3.1	62.0	1016.0
55.6	54.6	54.9	54.7	54.6	54.5	54.6	54.6	54.2	60.9	0	54.2	24	6.7	57.3	1009.7
56.1	56.7	57.9	58.7	58.6	60.1	60.0	60.2	60.6	60.6	24	54.1	5	6.5	56.3	1008.4
58.9	58.5	58.8	59.7	59.6	59.5	60.2	60.3	60.4	61.5	2	57.6	14-15	3.9	59.9	1013.2
65.1	65.5	66.0	66.5	66.8	67.0	67.5	68.0	68.0	68.0	23,24	59.5	5	8.5	63.8	1018.4
65.9	65.7	65.2	64.8	64.7	64.3	64.3	64.2	63.5	69.0	10	63.5	24	5.5	66.7	1022.2
59.8	59.8	59.8	60.2	60.5	60.7	61.2	61.5	61.6	63.5	0	59.5	17-18	4.0	60.8	1014.4
60.2	60.0	59.9	60.2	60.4	60.7	60.5	61.1	61.1	62.4	9-10	59.9	18	2.5	61.1	1014.8
65.0	65.7	66.2	66.8	67.1	67.7	68.2	68.7	69.0	69.0	24	60.9	3	8.1	64.4	1019.2
72.0	72.2	72.5	72.7	72.8	73.2	73.8	73.8	74.1	74.1	24	69.0	0	5.1	71.7	1028.9
71.4	70.8	70.8	70.6	70.6	70.6	70.6	70.6	70.7	74.5	1-2	70.6	19-23	3.9	72.6	1030.1
60.2	60.4	60.6	60.8	61.0	61.2	61.3	61.5	61.5	63.2		58.8		4.4	61.0	1014.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
20.6	19.4	16.4	15.0	14.2	13.9	13.9	13.6	13.3	23.6	13-14	13.3	24	10.3	16.7
14.3	13.5	11.8	11.4	10.5	9.4	8.5	7.7	6.4	14.3	16	6.4	24	7.9	11.4
15.5	13.0	10.3	8.2	8.0	7.3	7.2	6.8	6.5	16.0	14,15	1.8	7	14.2	8.8
17.1	13.7	11.0	9.4	8.0	6.7	6.8	7.0	7.1	17.2	15-16	3.4	4-5	13.8	9.2
16.0	14.7	13.3	13.1	13.0	13.4	12.5	11.6	10.8	17.2	13-14	7.0	1	10.2	11.7
17.0	15.4	14.5	13.9	13.6	13.3	13.2	13.2	13.1	18.2	14-15	8.8	2	9.4	13.4
16.1	15.6	15.2	14.9	14.6	14.5	14.5	14.5	14.6	16.6	14	13.3	0	3.3	14.7
14.4	11.2	9.1	7.6	6.6	6.6	5.8	5.2	4.3	14.6	14	4.3	24	10.3	11.6
15.3	12.5	10.0	8.0	7.8	7.0	6.0	5.3	4.6	16.4	13-14	1.8	2-3	14.6	8.2
15.5	12.4	9.2	7.3	6.3	5.1	4.6	4.6	4.2	16.4	14-15	1.5	6	14.9	7.7
17.0	14.1	11.2	8.7	8.5	7.6	7.3	6.8	6.7	19.5	14-15	1.3	6-7	18.2	9.2
17.7	14.7	11.6	9.4	8.2	7.5	6.7	5.6	6.9	18.7	14-15	3.2	7-8	15.5	9.9
16.4	14.9	13.1	11.9	9.8	9.1	8.4	8.0	7.3	17.9	14	3.5	7	14.4	10.7
14.3	13.5	12.3	9.2	7.6	5.7	4.7	3.5	3.7	15.0	13-14	3.4	23-24	11.6	9.3
15.9	13.5	12.5	12.3	12.1	11.9	11.5	10.8	10.4	16.2	15	3.0	2-3	13.2	10.2
18.2	16.9	15.9	15.7	15.2	15.1	15.2	15.5	15.7	19.0	14	9.5	2	9.5	14.4
18.0	17.9	17.8	17.7	17.6	17.5	17.4	17.0	16.8	18.1	15	14.9	8	3.2	16.6
12.0	11.5	11.4	11.1	9.4	9.5	9.5	9.4	8.7	16.8	0	8.7	24	8.1	12.5
14.4	11.8	8.5	7.0	6.0	5.7	5.4	5.4	5.5	15.0	14	5.4	22,23	9.6	9.1
15.0	12.0	11.1	10.4	10.4	10.5	10.5	9.7	8.5	16.3	14	4.0	7-8	12.3	9.9
12.9	13.1	13.0	12.9	13.1	13.6	13.9	14.1	14.2	14.2	24	7.8	5-6	6.4	10.9
18.9	17.8	16.2	15.4	13.9	13.2	12.5	12.4	12.2	20.5	13-14	12.2	24	8.3	16.1
11.1	11.0	11.0	10.5	10.0	9.0	8.6	8.2	7.8	12.2	0	7.8	24	4.4	10.5
11.8	10.1	8.6	6.2	5.5	4.4	3.5	2.1	0.7	12.0	15	0.7	24	11.3	7.8
14.0	10.9	8.5	7.5	6.6	6.4	6.5	5.6	5.6	14.9	14-15	0.5	7	14.4	6.8
14.6	12.4	9.3	7.9	5.9	5.5	4.2	2.8	2.2	14.8	14,15	2.2	24	12.6	8.2
12.3	11.9	11.5	11.2	10.9	10.0	10.1	10.0	9.8	13.3	14-15	1.1	4	12.2	7.9
12.5	11.3	9.4	7.4	6.7	6.8	6.1	5.7	5.8	13.1	14-15	5.6	7,8	7.5	8.0
8.9	7.1	4.8	3.0	1.4	0.3	-0.7	-1.1	-1.0	9.8	14-15	-1.1	23	10.9	4.2
11.4	9.3	6.6	4.6	3.9	3.4	2.8	2.4	2.4	11.6	14,15	-1.8	6	13.4	4.4
15.0	13.2	11.5	10.3	9.5	9.0	8.6	8.1	7.8	16.0		5.1		10.9	10.3

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.0	11.0	11.0	11.5	11.5	11.0	11.5	12.2	12.0	12.0	12.5	13.0	13.0	14.3	14.5
2	9.0	10.5	10.0	9.5	9.5	9.5	9.5	9.2	9.0	8.5	8.0	7.8	7.8	7.9	8.5
3	5.2	5.0	4.4	4.8	4.6	4.6	4.2	4.7	5.0	4.8	4.4	4.0	4.0	3.9	3.6
4	5.2	5.2	5.4	5.4	5.4	5.6	5.8	6.3	7.2	7.6	8.0	6.4	6.6	5.6	5.2
5	6.4	6.6	6.6	6.2	5.8	5.6	5.6	6.0	6.4	6.4	5.0	7.4	8.0	9.4	9.5
6	8.5	7.8	8.0	8.5	8.5	9.0	9.0	10.0	9.5	9.5	9.0	9.0	9.5	10.7	11.0
7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.6	11.5	12.0	11.5	12.0	12.0	12.6	12.5
8	11.5	11.5	11.5	11.5	11.5	11.5	9.5	9.3	7.4	6.2	4.8	4.8	4.6	5.0	4.0
9	4.2	4.4	3.8	3.8	3.8	3.2	3.4	3.8	3.8	4.0	4.4	4.2	4.4	4.7	4.4
10	4.8	5.0	4.6	4.8	4.4	4.2	4.0	4.6	4.6	5.4	5.2	5.2	5.6	5.5	5.8
11	5.6	5.4	5.2	5.4	5.2	5.0	5.0	5.3	6.0	6.2	6.6	6.8	6.6	7.3	7.4
12	6.2	6.2	6.0	6.0	6.2	6.0	5.6	5.4	6.4	6.2	6.0	6.8	6.4	6.6	6.6
13	7.2	5.8	6.8	6.8	6.4	6.0	5.6	6.6	7.8	8.0	7.4	6.8	7.0	6.6	7.2
14	7.2	7.2	7.4	7.4	7.4	7.6	7.6	8.2	8.5	8.0	8.0	6.8	7.2	7.8	7.6
15	5.4	5.2	5.4	6.2	6.6	6.8	6.6	7.2	8.0	8.0	9.5	9.5	9.0	9.3	9.0
16	8.0	8.5	8.0	8.0	8.5	8.5	9.0	10.1	10.5	10.5	11.0	11.0	10.0	12.6	12.5
17	11.0	10.5	10.0	11.0	10.5	11.0	12.5	12.2	12.0	12.5	13.0	13.5	13.5	15.0	15.0
18	13.5	13.5	13.5	12.5	12.0	11.5	11.5	10.9	10.5	10.5	10.5	10.0	9.5	9.8	9.5
19	7.2	6.8	6.2	6.0	5.8	5.4	5.4	5.6	5.8	5.8	6.4	5.8	6.2	6.6	6.6
20	5.8	5.8	5.6	5.6	5.4	5.6	5.8	6.1	7.4	6.8	7.0	6.6	5.6	6.2	6.4
21	6.8	6.6	6.6	6.6	7.0	7.2	7.2	7.5	8.0	8.5	8.0	9.0	9.0	9.9	10.5
22	12.0	12.0	11.5	12.5	12.5	12.5	13.0	14.0	14.0	13.5	13.0	13.5	13.0	13.3	13.0
23	10.0	10.0	10.0	9.0	8.5	8.5	8.0	8.1	7.8	8.5	9.5	9.5	9.5	8.6	9.5
24	7.6	7.6	7.8	7.4	7.4	7.4	7.4	7.2	7.2	7.2	7.0	7.2	6.0	6.1	6.4
25	4.6	4.6	4.8	4.6	4.8	4.4	4.4	5.1	5.6	5.8	5.6	5.4	5.2	5.4	5.2
26	5.8	6.2	6.2	6.2	6.0	5.8	6.0	6.7	6.6	7.2	7.0	6.8	7.0	7.0	6.6
27	5.0	5.0	5.0	4.8	5.2	5.2	5.0	5.6	7.0	7.2	7.8	8.0	9.0	9.3	9.5
28	8.0	7.8	7.4	7.0	7.0	6.6	6.6	6.7	6.6	6.6	5.6	5.2	5.6	5.9	6.4
29	5.4	5.2	5.0	4.6	4.6	4.6	4.4	4.4	4.8	5.2	5.2	5.6	5.4	5.7	5.4
30	4.0	4.0	4.0	3.8	3.8	3.8	3.8	4.6	5.2	4.8	5.2	5.2	5.2	5.5	5.2
31															
Prom.	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.5	7.7	7.8	7.7	7.8	7.7	8.1	8.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
82	87	92	89	89	89	87	88	89	98	2	65	13	33	86
81	83	86	91	89	76	67	69	75	100	3-4	66	14	34	85
35	53	66	72	75	83	76	74	75	89	6-7	27	14	62	63
41	54	72	88	94	99	94	99	95	100	22-23	32	13-14	68	78
78	83	89	91	93	86	88	90	97	97	24	50	11	47	77
78	84	88	93	92	94	96	96	97	98	6,7	66	11	32	87
98	98	99	99	99	99	100	100	100	100	22-24	88	13	12	97
41	50	60	65	67	67	71	69	71	100	1-5	35	15	65	69
41	51	56	64	61	70	76	78	81	84	2-3	31	12-13	53	58
48	62	76	81	87	91	91	91	91	97	20-21	40	14-15	57	72
59	77	86	91	82	84	85	89	86	98	5-6	44	13,14	54	78
45	64	79	81	85	93	95	98	98	100	7-8	41	14	59	76
57	69	79	88	94	97	98	99	98	99	23	43	14	56	80
64	69	74	86	86	89	90	92	93	99	0-1	61	14	38	85
68	81	85	87	88	89	91	93	94	100	8,9	66	14-15	34	88
83	88	92	92	87	89	87	84	84	96	2	67	13	29	88
98	98	99	99	99	99	99	99	99	100	8-9	78	2-3	22	94
91	86	85	78	95	93	88	85	86	99	1,2	78	19	21	93
57	61	85	91	91	90	92	88	85	95	1	50	11-12	45	74
59	61	70	77	78	70	72	77	85	94	7	42	12-13	48	73
95	93	97	98	98	98	98	98	98	99	9-10	82	2-3	17	93
80	83	92	90	94	96	97	97	98	98	9,24	72	14-15	26	91
97	96	96	98	95	94	95	96	98	100	5,6	82	14	14	95
64	66	74	85	90	90	94	96	95	99	1	58	12-13	41	85
46	58	71	71	80	81	81	88	90	97	4-5	42	15	55	76
56	71	80	88	96	97	97	98	97	98	23	52	14-15	46	82
96	97	97	96	93	95	94	93	93	98	2	83	14	15	93
61	61	69	78	73	69	76	77	79	100	7-8	52	14-15	48	80
63	72	83	92	96	98	99	99	99	99	22-24	59	14-15	40	82
53	73	83	85	85	87	92	90	91	100	3-8	51	15-16	49	82
67	74	82	86	88	88	89	90	90	98		57		41	82

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.5	14.5	12.5	11.0	10.8	10.0	10.0	10.0	10.0	14.5	15-17	10.0	21-24	4.5	11.9
10.0	9.5	9.0	9.0	8.6	6.8	5.6	5.2	5.2	10.0	0	5.2	23,24	4.8	8.5
4.2	5.8	6.2	5.8	6.0	6.2	5.8	5.2	5.2	6.2	18	3.6	15	2.6	4.9
6.2	6.0	7.0	7.6	7.6	7.0	6.8	7.2	6.8	7.6	19,20	5.2	1,2,15	2.4	6.4
10.5	10.0	10.0	10.0	10.4	10.0	9.5	8.5	9.0	10.5	16	5.0	11	5.5	7.9
11.0	10.5	10.5	10.5	10.7	10.5	11.0	11.0	11.0	11.0	15,16,22-24	7.8	2	3.2	9.8
13.0	12.5	12.5	12.0	12.2	12.0	12.0	12.0	12.0	13.0	16	11.0	1-7	2.0	11.8
5.2	4.6	4.8	4.8	4.9	4.8	5.0	4.4	4.4	12.0	0	4.0	15	8.0	7.0
5.4	5.6	5.2	5.0	4.9	5.4	5.4	5.0	5.2	5.6	17	3.2	6	2.4	4.5
6.2	6.6	6.6	6.2	6.2	6.0	5.8	5.8	5.6	6.6	17,18	4.0	7	2.6	5.4
8.0	9.0	8.5	7.8	6.8	6.4	6.2	6.4	6.4	9.0	17	5.0	6,7	4.0	6.4
6.4	7.8	7.8	7.2	6.9	7.0	6.6	6.6	7.2	7.8	17,18	5.4	8	2.4	6.5
7.8	8.5	8.5	9.0	8.4	8.0	7.8	7.8	7.4	9.0	19	5.6	7	3.4	7.3
7.6	7.8	7.8	7.6	7.5	6.0	5.6	5.4	5.4	8.5	9	5.4	23,24	3.1	7.3
9.0	9.5	8.5	9.0	9.3	9.0	9.0	8.5	8.5	9.5	11,12,17	5.2	2	4.3	8.0
12.5	12.5	12.5	12.0	11.2	11.0	11.0	10.5	11.0	12.6	14	8.0	1,3,4	4.6	10.4
15.0	14.5	14.5	14.5	14.3	14.5	14.0	14.0	13.5	15.0	14,16	10.0	3	5.0	13.0
9.5	8.5	8.0	7.6	8.3	8.0	7.8	7.2	7.2	13.5	1	7.2	23,24	6.3	10.0
7.0	6.4	6.8	6.8	6.4	6.0	6.2	5.8	5.4	7.2	1	5.4	6,7,24	1.8	6.2
7.2	6.4	6.6	7.2	7.4	6.4	6.8	6.8	6.8	7.4	9,20	5.4	5	2.0	6.4
10.0	10.0	10.5	10.5	11.4	11.0	11.5	11.5	11.5	11.5	22-24	6.6	2-4	4.9	9.0
12.5	12.5	12.5	11.0	11.1	11.0	10.5	10.0	10.0	14.0	8,9	10.0	23,24	4.0	12.3
9.5	9.5	9.5	9.0	8.7	7.8	7.6	7.8	7.6	10.0	1-3	7.6	22,24	2.4	8.8
6.4	6.2	6.0	5.8	6.1	5.4	5.4	5.2	4.4	7.8	3	4.4	24	3.4	6.6
5.6	5.6	6.0	5.6	6.3	5.8	5.8	5.8	5.8	6.0	18	4.4	6,7	1.6	5.3
7.0	7.6	6.8	6.8	6.6	6.4	6.0	5.4	5.2	7.6	17	5.2	24	2.4	6.4
10.0	10.0	9.5	9.5	9.1	8.5	8.5	8.5	8.0	10.0	16-17	4.8	4	5.2	7.5
6.6	6.2	5.8	5.8	5.4	4.8	5.4	5.2	5.2	8.0	1	4.8	21	3.2	6.2
5.2	5.4	5.2	5.2	4.9	4.4	4.2	4.0	4.0	5.7	14	4.0	23,24	1.7	4.9
5.2	6.2	6.0	5.2	5.2	5.0	5.0	4.6	5.0	6.2	17	3.8	4-7	2.4	4.8
8.5	8.5	8.4	8.2	8.1	7.7	7.6	7.4	7.3	9.4		5.9		3.5	7.7

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	NE	18	NE	19	NE	19	NE	17	NE	17	NE	17	NE	14	NE	14	NE	16	N	19	NW	20	N	20	NW	22	NW	22	SW	12
2	SE	8	SE	8	SE	10	SE	8	SE	10	SE	8	SE	7	S	5	E	5	E	6	S	3	S	9	S	6	S	7	S	7
3	SW	5	SW	6	S	6	SW	7	SW	6	SW	5	SW	8	SW	5	W	6	W	6	W	6	W	8	W	9	W	11	NW	10
4	NW	6	NW	6	NW	4	NW	5	W	3	NW	4	SW	4	SW	4	SW	4	NW	5	NW	8	W	9	W	5	W	8	W	7
5	N	7	N	8	N	9	N	13	N	12	N	11	N	10	N	14	N	23	N	19	N	20	N	21	N	27	NW	30	NW	20
6	Calma	1	Calma	1	SE	6	SE	5	SE	4	E	2	SE	2	Calma	1	SE	4	SE	8	SE	8	SE	10	SE	7	SE	6	SE	6
7	NE	5	NE	5	E	3	E	4	E	3	E	2	E	2	E	2	NE	2	SE	3	SE	2	E	2	NW	2	E	2	Calma	1
8	SW	2	W	7	W	8	SW	8	SW	13	SW	10	SW	10	SW	12	SW	14	SW	14	S	17	S	15	S	15	S	14	SW	12
9	SW	7	SW	5	W	6	W	8	SW	8	SW	8	SW	7	SW	8	SW	11	W	14	W	11	W	12	W	12	W	10	W	10
10	W	8	W	7	W	9	W	11	W	9	W	8	W	9	W	10	W	12	W	13	W	15	W	18	W	18	W	15	W	14
11	W	3	SW	6	SW	0	W	3	Calma	0	S	2	W	2	Calma	1	NW	5	N	2	NW	6	NW	6	NW	9	W	10	W	9
12	W	6	W	7	W	8	SW	6	W	6	SW	4	S	3	Calma	1	W	2	SW	2	S	2	SW	4	SW	4	W	2	W	2
13	NW	6	N	10	NW	9	NW	4	NW	2	NW	3	N	2	N	3	NE	8	NE	10	NE	13	N	17	NW	25	N	23	NW	16
14	Calma	1	Calma	1	Calma	0	Calma	0	SE	3	SE	2	Calma	1	Calma	1	Calma	1	Calma	1	S	2	NE	4	N	6	N	6	W	8
15	NW	5	Calma	1	NW	5	W	3	Calma	1	NE	4	N	3	NE	3	N	7	N	8	N	14	N	14	N	14	N	13	N	12
16	N	14	N	10	N	11	N	10.	N	6	NE	7	NE	7	NE	9	NE	13	NE	12	NE	16	NE	13	NE	16	NE	19	NE	21
17	NE	24	NE	14	N	16	N	15	NW	13	N	19	NW	14	E	6	NE	9	NE	13	NE	10	NE	4	N	7	NW	6	N	7
18	SE	4	SE	2	SE	5	SE	5	SE	7	SE	6	SE	6	SE	5	SE	4	SE	6	SE	5	SE	6	SE	7	SE	7	SE	6
19	W	3	S	7	S	9	S	6	SW	5	SW	5	SW	6	SW	9	S	12	S	12	S	10	S	10	S	9	S	10	S	7
20	NW	6	NW	6	NW	6	NW	8	NW	7	NW	5	NW	6	NW	6	NW	14	NW	22	NW	23	NW	21	NW	21	NW	20	NW	18
21	N	11	N	14	N	15	N	14	N	15	NE	12	N	14	NE	11	NE	16	NE	15	NE	17	NE	16	NE	17	N	16	NW	15
22	NW	18	NW	19	NW	15	W	12	W	8	NW	10	NW	9	NW	9	NW	9	NW	12	W	13	SW	13	SW	12	SW	8	SW	7
23	SE	2	SE	4	SE	4	SE	4	SE	6	SE	9	E	9	SE	8	E	8	E	9	E	11	E	13	E	19	E	15	E	16
24	SE	15	SE	16	SE	15	SE	14	SE	11	SE	10	SE	9	SE	11	SE	12	S	10	S	15	S	18	S	21	S	19	S	16
25	W	3	W	3	W	5	W	4	W	5	W	4	NW	5	NW	6	NW	10	NW	13	NW	16	NW	19	NW	21	NW	22	NW	20
26	N	13	N	15	N	12	N	9	N	8	N	9	N	9	N	10	N	17	NW	18	NW	19	NW	24	NW	22	NW	16	NW	12
27	SE	3	SE	3	SE	4	SE	3	SE	3	SE	3	SE	3	SE	2	E	3	E	5	E	3	E	5	NE	6	NE	5	NE	3
28	S	3	S	7	S	7	S	7	S	6	S	8	S	5	S	5	S	8	S	8	S	7	S	8	S	11	S	11	S	12
29	SE	5	S	4	SW	5	SW	4	SW	5	S	4	S	6	S	6	S	12	SE	9	SE	8	SE	8	SE	9	SE	8	SE	6
30	S	3	S	2	SE	2	SE	3	SE	2	SE	3	Calma	1	SE	2	Calma	1	NE	2	NW	11	NW	13	NW	15	NW	14	NW	13
31																														
DIRECCIÓN PREVALENTE	SE		N-SE		SE		SE		SE		SE		N-SE SW		SE-SW		NE		NE-NW		S-NW		S-NW		NW		NW		NW	
NÚMERO DE HORAS	6		5		7		7		8		7		5		5		6		5		7		5		8		7		8	
PROM. HOR. DE LA VELOCIDAD		7		7		8		7		7		7		6		6		9		10		11		12		13		12		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	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
S	7	SE	4	S	12	S	10	SE	9	SE	8	SE	9	SE	7	SE	6	NE	9	14	27	NW	12.06
SW	5	Calma	1	SW	3	W	5	SW	6	SW	6	SW	7	SW	7	SW	5	SW	7	6	24	SE	4.48
NW	10	W	4	W	5	NW	4	NW	8	NW	7	NW	7	NW	7	NW	7	NW W	8	7	10	NW	15.04
W	2	Calma	0	NE	4	NE	4	NE	4	NE	3	N	6	N	6	N	7	NW	7	4	8	W	13.42
NW	20	NW	8	NE	6	NE	8	NE	7	NE	13	NW	6	Calma	1	NE	3	N	15	13	31	NW	12.44
SE	3	NE	7	NE	7	NE	5	NE	5	NE	7	E	3	E	3	NE	5	SE	12	5	15	E	10.46
SE	2	Calma	1	Calma	1	Calma	0	SE	2	Calma	1	Calma	0	Calma	0	Calma	1	N Calma	8	2	4	NE	0.59
S	12	SW	8	SW	6	SW	8	SW	7	SW	9	SW	8	SW	6	SW	5	SW	17	10	24	S	10.42
W	11	W	6	NW	7	W	6	W	7	W	9	W	10	W	12	W	11	W	16	9	15	W	10.04
W	12	W	7	W	6	W	4	NW	4	NW	4	W	5	NW	4	W	6	W	21	10	24	W	12.06
W	4	SW	0	SW	2	SW	4	W	6	W	5	W	6	W	7	W	7	W	11	4	9	W	12.52
N	5	NE	3	N	6	N	6	N	5	N	5	N	3	NE	8	N	5	N W	7	4	8	W	3.04
NW	12	NW	6	N	3	NW	7	N	2	NW	6	NW	5	NW	5	Calma	1	NW	13	8	30	NW	12.04
W	4	SW	2	S	2	Calma	1	Calma	0	Calma	0	Calma	0	Calma	0	NW	2	Calma	13	2	11	NW	13.52
N	15	N	9	NE	10	NE	12	NE	14	NE	14	NE	16	N	16	N	16	N	12	10	8	NE	20.48
NE	22	NE	15	NE	15	NE	15	NE	19	NE	19	NE	20	NE	20	NE	20	NE	19	14	24	NW	13.46
N	9	NW	11	NW	7	NW	5	W	3	W	2	Calma	1	SE	3	SE	5	N NE NW	6	9	30	W	6.20
NE	10	S	12	SE	8	SE	9	SE	3	SE	4	SE	5	S	5	S	3	SE	21	6	17	SE	16.28
S	7	SW	2	W	2	NW	2	NW	3	NW	3	NW	5	NW	4	NW	6	S	11	6	14	SW	8.26
NW	16	N	11	N	14	N	13	N	13	NE	13	NE	17	NE	17	N	13	NW	16	13	23	NW	10.14
N	10	NE	8	NE	8	NE	10	NE	9	NE	14	NE	13	NE	12	N	13	NE	15	13	22	NE	11.24
S	6	S	6	S	2	Calma	1	SE	4	SE	3	SE	2	SE	3	SE	4	NW	8	8	21	NW	1.54
E	11	E	11	E	15	E	11	E	14	SE	16	SE	15	SE	17	SE	14	E	13	11	30	E	12.18
S	13	S	8	S	6	S	6	S	3	S	5	S	4	SW	3	SW	3	S	13	11	36	S	12.04
NW	19	NW	13	N	10	N	13	N	13	N	13	NW	16	NW	14	NW	13	NE	14	12	13	NE	13.42
NW	8	NW	3	NW	6	N	6	Calma	1	Calma	0	SE	4	SE	4	SE	2	W	10	10	27	NW	12.34
Calma	1	Calma	1	Calma	0	S	3	S	2	SE	6	SE	3	SE	1	S	2	SE	8	3	8	SE	20.09
SW	7	SW	4	SW	5	SW	3	S	6	S	7	S	5	S	5	SE	6	S	20	7	17	SW	14.22
SE	6	SE	2	SE	3	Calma	0	Calma	0	Calma	1	S	2	SW	2	S	2	SE	10	5	15	SE	9.06
NW	9	NW	6	NW	3	N	5	N	6	N	7	N	4	N	8	N	6	NW	8	6	19	NW	13.17
NW		NW		NE		NE		NE		NE		SE		SE		N-SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
7		6		6		6		6		7		6		6		6		NW	123	8	DIRECCIÓN	DÍA	HORA
	9		6		6		6		6		7		7		7		7				N NE NW S	5 17 24 26	de 13.10 a 13.15 de 0.00 a 0.05 de 12.35 a 12.40 de 11.30 a 11.35

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	39	9	151			6	45	3	29	1	12			3	64		340
2					2	11	7	59	6	37	7	39	1	5			1	152
3									1	6	7	42	8	55	8	60		163
4	3	19	4	15							3	12	6	34	7	38	1	118
5	13	194	5	37											5	84	1	316
6			6	36	3	8	12	69									3	116
7			3	12	8	20	4	9							1	2	8	48
8									5	73	17	150	2	15				238
9											7	54	16	155	1	7		216
10													21	216	3	12		228
11	1	2							1	2	5	12	11	62	4	26	2	105
12	7	36	2	11					2	5	5	20	7	33			1	106
13	7	60	3	31											13	106	1	198
14	2	12	1	4			2	5	2	4	1	2	2	12	1	2	13	48
15	12	141	7	73									1	3	2	10	2	229
16	5	51	19	298														349
17	6	73	6	74	1	6	2	8					2	5	6	56	1	223
18							21	120	3	20								140
19									11	99	5	27	2	5	6	23		154
20	5	64	3	47											16	205		316
21	8	109	15	191											1	15		315
22							5	16	3	14	4	40	3	33	8	101	1	205
23					13	162	11	99										261
24							9	113	13	144	2	6						263
25	4	49											6	24	14	207		280
26	10	108					3	10							9	128	2	247
27			3	14	4	16	8	24	6	19							3	75
28									20	142	4	19						161
29							10	64	7	36	4	16					3	117
30	6	36	1	2			5	12	2	5					8	84	2	141
31																		
SUMAS	91	993	87	996	31	223	105	653	85	635	72	451	88	657	116	1230	45	5868
% PREVAL POR VELOCIDAD	16.9		17.0		3.8		11.1		10.8		7.7		11.2		21.0		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		11		7		6		7		6		7		11		1	194

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	3	0	6	2	3	5	5	2
1 - 2	5	3	0	5	4	3	4	3	3
2 - 3	5	1	1	7	3	2	5	5	1
3 - 4	5	1	1	7	2	4	6	3	1
4 - 5	4	1	1	8	1	5	5	3	2
5 - 6	3	4	2	7	3	5	2	4	0
6 - 7	5	2	2	5	3	5	2	4	2
7 - 8	3	4	2	5	3	5	1	3	4
8 - 9	3	6	3	3	3	3	3	4	2
9 - 10	4	5	3	4	3	2	3	5	1
10 - 11	2	4	2	4	7	0	4	7	0
11 - 12	4	4	3	3	5	2	4	5	0
12 - 13	4	3	1	3	5	2	4	8	0
13 - 14	4	2	2	3	5	1	6	7	0
14 - 15	2	2	1	3	4	3	6	8	1
15 - 16	4	1	1	4	5	2	5	7	1
16 - 17	2	4	1	2	3	5	3	6	4
17 - 18	4	6	1	2	4	4	3	4	2
18 - 19	5	6	1	1	3	3	3	4	4
19 - 20	5	6	1	4	3	2	3	3	3
20 - 21	3	7	0	5	2	2	3	4	4
21 - 22	3	4	1	6	3	2	3	5	3
22 - 23	3	4	1	6	2	4	2	5	3
23 - 24	6	3	0	6	3	3	3	4	2
SUMAS	92	88	31	109	81	72	88	123	45
% de frec. por dirección	12.8	12.2	4.3	15.1	11.2	10.0	12.2	17.0	6.2

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	Sc	8	Sc 5 Ci 3	8	Sc 6 Ac 1	7	Cu	7	St	8	95	97	97
2	Ns	8	As	8	As	8	As 4 Cs 4	8	Ac	2	5	8	8
3	Claro	0	Claro	0	Claro	0	Claro	0	Ci	1	8	8	8
4	Ac	7	Ac	1	Ci	1	Ci	1	Claro	0	7	7	5
5	Ci	8	Ci	8	Ci	6	Ci 6 Cu 1	7	Ci	8	9	9	8
6	Ac 2 Ci 2	4	Ci	8	Cu 1 Cs 7	8	Sc	8	Ci	8	5	4	6
7	Claro	0	Niebla	8	St	8	Niebla	8	Claro	0	1	2	0
8	Ac	1	Claro	0	Claro	0	Claro	0	Claro	0	8	9	8
9	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	8	9
10	Ci	1	Ci	2	Claro	0	Claro	0	Ci	1	9	7	8
11	Ci	1	Ci	7	Ci	6	Cs	6	Claro	0	4	6	8
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	4	6	9
13	Sc 6 Ci 1	7	Ci	4	Cu	1	Cu 3 Ci 1	4	Sc	1	3	8	8
14	Sc	8	Sc	7	Sc	3	Sc	7	Claro	0	5	8	9
15	Claro	0	Cs	8	Cs	8	Cs	7	Claro	0	1	7	8
16	Sc	6	Sc	3	Cu	1	Claro	0	Sc	4	7	7	8
17	Ns	8	Ns	8	St	8	Ns	8	St	8	6	6	2
18	Ns	8	St	8	Ns	8	Claro	0	Claro	0	3	7	9
19	Claro	0	Ci	1	Claro	0	Claro	0	Claro	0	9	9	9
20	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
21	Ac	1	St	8	St	8	St	4	St	8	7	8	7
22	St	8	Sc	6	Cu	4	Sc	7	Claro	0	6	8	8
23	Ac 3 Ci 5	8	As	8	St	8	St	8	St	8	6	7	8
24	St	8	Ac	3	Ac	1	Claro	0	Claro	0	7	9	9
25	Claro	0	Claro	0	Ci	1	Claro	0	Claro	0	6	9	9
26	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	7
27	Ci	1	St	8	St	8	St	8	St	8	4	5	3
28	St	8	Cs	8	Cs	8	Cs	7	Claro	0	5	8	9
29	Ci	8	Cu 1 Ci 3	4	Cu	6	Cu 4 Ci 1	5	Claro	0	8	9	9
30	Ac	1	Cu	2	Cu	1	Claro	0	Claro	0	2	7	9
31													
Prom.		4		6		4		4		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	25.4	18.0	0.60	7	1	4	Ne.
	10	31.5	21.6	0.80	8	0	5	
	12	31.7	21.8	0.80	7	0	5	
	14	32.0	24.6	0.60	7	0	5	
	15	22.9	20.8	0.17	8	0	5	
2	9				8	0	3	LL.
	10	14.0	11.0	0.24	7	0	3	Ne.
	12	23.3	14.1	0.75	8	0	5	
	14	20.4	14.1	0.51	8	0	5	
	15	18.8	13.9	0.40	8	0	5	
3	9	31.2	11.9	1.57	0	5	5	
	10	35.3	15.3	1.63	0	5	5	
	12	38.4	16.9	1.75	0	5	5	
	14	36.8	19.4	1.41	0	5	5	
	15	32.5	14.3	1.48	0	5	5	
4	9	15.3	9.2	0.50	6	0	5	
	10	19.3	11.3	0.65	4	0	5	
	12	38.4	19.0	1.58	0	5	5	
	14	39.1	25.0	1.15	1	5	5	
	15	37.0	19.5	1.42	2	4	5	Js.
5	9	22.0	12.0	0.81	8	2	5	Js.
	10	28.3	14.6	1.11	8	2	5	Js.
	12	39.7	20.6	1.55	3	5	5	
	14	39.3	20.8	1.50	6	3	5	
	15	23.4	17.0	0.52	7	0	5	
6	9	32.1	16.7	1.25	3	5	4	Ne.
	10	36.3	19.1	1.44	5	5	5	Ne.
	12	30.4	18.6	0.96	8	1	5	
	14	35.8	20.7	1.23	8	4	5	
	15	23.4	18.0	0.47	8	0	3	Ne.
7	9				8	0	0	N.
	10				8	0	0	N.
	12	18.5	16.5	0.16	8	0	2	N.
	14	19.4	16.6	0.23	8	0	2	N.
	15				8	0	1	N.
8	9	33.4	16.2	1.40	0	5	5	
	10	35.8	17.1	1.52	0	5	5	
	12	36.8	17.2	1.59	0	5	5	
	14	36.1	18.2	1.46	0	5	5	
	15	34.4	17.0	1.41	0	5	5	
9	9	30.0	12.8	1.40	0	5	5	
	10	35.0	16.5	1.50	0	5	5	
	12	39.5	19.9	1.59	0	5	5	
	14	37.9	19.4	1.50	0	5	5	
	15	34.9	18.4	1.35	0	5	5	
10	9	32.0	12.8	1.56	3	5	5	
	10	35.6	15.6	1.63	4	4	5	Js.
	12	37.7	19.0	1.52	1	5	5	
	14	36.5	19.0	1.42	0	5	5	
	15	32.6	18.1	1.18	0	5	5	
11	9	26.3	11.3	1.22	2	4	3	Js.,Ne.
	10	35.0	16.1	1.54	6	4	4	Js.,Ne.
	12	44.0	22.2	1.77	6	3	3	Ne.
	14	37.1	21.5	1.27	6	2	3	Ne.
	15	26.5	18.3	0.67	7	2	4	Ne.
12	9	27.2	11.4	1.28	0	5	3	Ne.
	10	34.6	16.2	1.50	0	5	4	Ne.
	12	39.2	20.0	1.56	0	5	4	Ne.
	14	37.5	20.1	1.41	0	5	4	Ne.
	15	33.4	19.1	1.16	0	5	5	
13	9	24.2	13.0	0.91	6	0	4	Ne.
	10	35.5	17.2	1.49	5	4	5	Js.
	12	39.5	21.3	1.48	3	5	5	
	14	35.5	21.1	1.17	1	5	5	
	15	36.1	20.6	1.26	2	3	5	
14	9	13.7	11.0	0.22	8	0	4	Ne.
	10	17.5	12.5	0.41	8	0	4	
	12	29.4	17.0	1.01	6	0	5	
	14	24.9	18.0	1.37	3	3	5	
	15	19.7	15.0	0.38	7	0	5	
15	9	15.6	10.0	0.46	8	0	4	Ne.
	10	28.0	13.0	1.22	8	3	5	Js.
	12	33.0	17.6	1.25	8	2	5	Js.
	14	32.5	18.4	1.15	8	2	5	Js.
	15	30.2	17.9	1.00	8	2	5	Js.
16	9	33.6	18.2	1.25	2	5	5	
	10	29.5	18.2	0.92	4	0	5	
	12	40.0	21.7	1.49	3	5	5	
	14	38.0	22.2	1.28	1	3	5	
	15	35.0	21.3	1.11	1	3	5	
17	9				8	0	4	Ne.,Am.
	10				8	0	4	Ne.,Am.
	12				8	0	4	LL.
	14				8	0	4	Z.
	15				8	0	4	LL.
18	9				8	0	4	Am.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14				8	0	4	LL.
	15				8	0	4	LL.
19	9	29.6	13.1	1.34	2	5	5	
	10	33.9	15.2	1.52	0	5	5	
	12	37.6	17.9	1.60	1	5	5	
	14	37.0	18.5	1.50	0	5	5	
	15	34.2	17.6	1.35	0	5	5	
20	9	29.5	13.0	1.34	0	5	5	
	10	34.0	15.5	1.50	0	5	5	
	12	35.0	18.0	1.38	0	5	5	
	14	35.0	19.5	1.26	0	5	5	
	15	34.6	18.7	1.29	0	5	5	
21	9	10.5	8.5	0.16	8	0	3	Ne.
	10				8	0	4	Ne.,Am.
	12	17.0	12.3	0.38	8	0	5	
	14				8	0	4	GH.
	15				8	0	4	GH.
22	9				8	0	3	Ne.,Am.
	10	26.0	19.5	0.53	8	1	5	
	12	35.0	23.0	0.98	5	3	5	
	14	32.1	22.2	0.80	4	3	5	
	15	22.5	19.5	0.24	8	0	5	
23	9	13.0	11.3	0.14	8	0	5	
	10	16.3	12.2	0.33	8	0	5	
	12				8	0	3	Ne.,Am.
	14				8	0	4	Z.
	15				8	0	4	Z.
24	9	12.4	9.1	0.27	8	0	5	
	10	27.1	12.7	1.17	6	2	5	
	12	24.6	14.0	0.86	7	0	5	
	14	33.9	14.4	1.58	1	5	5	
	15	30.6	14.6	1.30	0	5	5	
25	9	26.0	10.0	1.30	2	4	5	Js.
	10	32.6	14.4	1.48	3	5	5	
	12	36.5	17.7	1.53	0	5	5	
	14	36.0	18.1	1.46	1	5	5	
	15	33.1	17.1	1.30	0	5	5	
26	9	29.0	11.8	1.40	0	5	5	
	10	33.0	14.1	1.54	0	5	5	
	12	37.9	18.4	1.58	0	5	5	
	14	37.0	18.6	1.50	0	5	5	
	15	34.3	17.8	1.34	0	5	5	
27	9	23.0	11.0	0.98	3	5	5	
	10	13.0	10.0	0.24	8	0	3	Ne.
	12	19.3	13.3	0.49	8	0	3	Ne.
	14	16.7	13.6	0.25	8	0	3	Ne.
	15				8	0	3	Z.
28	9	8.9	6.2	0.22	8	0	4	
	10	14.2	8.3	0.48	8	0	5	
	12	28.9	18.0	0.80	8	4	5	Js.
	14	29.5	16.0	1.10	8	4	5	Js.
	15	19.4	12.6	0.55	7	2	5	Js.
29	9	22.2	7.5	1.20	8	4	5	
	10	34.0	13.0	1.71	4	3	5	
	12	34.5	14.1	1.66	3	3	5	
	14	25.3	12.3	1.06	6	3	5	
	15	19.4	10.3	0.74	6	3	5	
30	9	20.0	6.6	1.09	1	5	3	Ne.
	10	28.0	12.0	1.30	1	5	4	Ne.
	12	34.5	15.8	1.52	1	5	5	
	14	32.0	15.2	1.36	1	3	5	
	15	29.1	14.3	1.20	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					0.2	0.6	0.3	0.7	0.4		0.1				2.3	9.9	23
2									0.1		0.3	0.3			0.7	9.9	07
3			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	9.9	88
4					0.1	0.6	1.0	1.0	1.0	1.0	1.0	0.4			6.1	9.9	62
5			0.2	0.8	0.3	0.8	0.9	1.0	1.0	0.6	1.0	0.1			6.7	9.9	68
6				0.5	1.0	1.0	1.0	1.0	1.0	0.9					6.4	9.9	65
7															0.0	9.8	00
8				0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.1	9.8	83
9			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.6	9.8	88
10			0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.6	9.8	88
11				0.8	1.0	1.0	0.9	1.0	1.0	0.7	0.2	0.2			6.8	9.8	69
12			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
13				0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.6				7.1	9.8	72
14							0.1	0.8	0.9	0.5	0.1				2.4	9.8	24
15						0.2	0.2	0.4	0.5	1.0	1.0				3.3	9.8	34
16				0.2	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.3			7.2	9.8	74
17															0.0	9.8	00
18															0.0	9.8	00
19			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	9.8	89
20			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	9.8	89
21			0.1	0.6											0.7	9.8	07
22					0.2		0.5	1.0	0.6	0.5					2.8	9.8	29
23															0.0	9.8	00
24					0.5	0.5	1.0	0.4	0.5	1.0	1.0	0.6			5.5	9.8	56
25			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.0	9.8	92
26			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.0	9.8	92
27				0.8	0.9										1.7	9.8	17
28							0.3	0.2	0.9	0.9	0.3				2.6	9.8	26
29			0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.1			8.2	9.8	84
30				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.7	9.8	89
31																	
Medias			0.1	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.2			5.3	9.8	53

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	14.9	17.6	17.2	14.2	15.8	16.1	13.2	13.8	14.4	13.8	14.0	14.4	16.1	16.3	16.3
2	14.6	15.1	14.8	13.6	14.2	14.2	13.4	13.3	13.5	14.2	14.1	14.0	16.5	16.5	16.3
3	11.5	14.0	13.3	11.7	13.1	13.0	12.7	12.0	12.4	13.4	13.0	13.1	16.1	15.8	15.6
4	11.3	13.9	13.2	11.3	12.7	12.1	11.5	11.5	11.0	12.7	12.4	12.4	15.5	15.3	15.3
5	11.9	14.0	13.7	11.5	12.6	12.9	11.4	11.5	12.0	12.4	12.3	12.4	15.1	15.1	14.9
6	12.8	15.2	15.0	12.4	13.8	14.1	11.7	12.1	12.8	12.5	12.5	12.9	15.0	15.1	15.1
7	14.9	15.7	15.7	13.9	14.7	14.8	12.8	13.1	13.4	13.2	13.4	13.6	15.4	15.5	15.5
8	15.4	15.6	14.0	14.5	14.9	14.0	13.4	13.5	13.4	13.7	13.8	13.8	15.7	15.9	15.9
9	11.1	13.7	12.5	11.3	12.7	12.5	11.5	11.6	11.9	12.9	12.5	12.4	15.5	15.4	14.1
10	10.2	12.9	12.1	10.4	11.7	11.8	10.8	10.8	11.1	12.0	11.7	11.8	14.7	14.7	14.5
11	10.0	13.5	12.5	10.1	11.9	12.0	10.3	10.5	11.2	11.3	11.3	11.6	14.3	14.3	14.1
12	10.2	13.5	12.2	10.1	11.9	11.9	10.3	10.5	11.1	11.4	11.2	11.6	14.2	14.1	14.0
13	10.5	13.3	13.0	10.3	12.0	11.3	10.3	10.5	11.1	11.3	11.2	11.5	14.0	13.9	13.9
14	12.2	13.7	13.1	11.5	12.5	12.6	10.9	11.1	13.4	11.6	11.6	11.8	14.1	14.1	14.1
15	10.2	13.5	11.1	10.9	12.1	12.3	10.6	10.8	11.2	11.5	11.4	11.6	14.1	14.0	14.0
16	12.3	15.2	15.0	11.8	13.4	13.9	11.1	11.4	12.2	11.5	11.7	12.2	14.1	14.1	14.3
17	14.4	15.5	16.2	14.2	14.6	15.1	12.6	12.8	13.2	12.4	12.8	13.2	14.5	14.6	14.8
18	15.8	15.6	14.5	14.8	14.6	13.9	13.5	13.4	13.0	13.4	13.5	13.4	15.1	15.3	14.3
19	12.4	14.0	13.2	12.2	13.0	12.9	12.1	13.0	12.2	12.8	12.5	12.6	15.1	15.0	14.8
20	12.2	13.3	12.7	12.1	12.2	12.2	12.1	11.6	11.4	12.3	10.9	11.8	14.6	14.5	14.3
21	11.2	12.2	12.6	10.9	11.5	12.0	10.7	10.6	10.9	11.6	11.3	11.4	14.1	14.0	13.9
22	14.0	16.5	15.4	13.1	14.6	14.6	11.6	12.3	12.8	11.8	12.2	12.6	14.0	14.3	14.4
23	13.7	13.8	13.9	13.3	13.3	13.0	12.4	12.3	12.2	12.8	12.8	12.6	14.8	14.8	14.7
24	12.4	13.0	12.0	12.0	12.4	11.9	11.5	11.4	11.3	12.2	12.1	12.0	14.6	14.5	14.5
25	9.6	11.9	11.3	9.7	10.9	10.9	10.1	10.1	10.3	11.3	10.9	11.0	14.0	13.8	13.6
26	9.6	12.1	11.4	9.5	10.9	11.0	9.5	9.6	10.1	10.6	10.4	10.6	13.5	13.3	13.2
27	9.6	11.1	11.2	9.8	10.2	10.7	10.1	9.2	9.6	11.3	10.2	10.0	14.0	13.0	12.8
28	10.8	11.6	11.1	10.3	10.7	10.6	9.7	9.7	10.0	10.4	10.3	10.4	12.9	12.9	12.9
29	8.8	10.8	9.3	8.7	9.9	9.7	8.9	8.8	9.2	10.0	9.6	9.8	12.7	12.6	12.5
30	7.2	10.1	9.5	7.6	8.9	9.1	8.0	8.1	8.5	9.2	9.0	9.2	12.2	12.1	11.9
31															
Prom.	11.9	13.7	13.1	11.6	12.6	12.6	11.3	11.4	11.7	12.0	11.9	12.1	14.6	14.5	14.4

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					2	0.2	1.3	0.4	2.1	K.23	20.4	17.5	18.0	19.0		8622
2	32.8	32.2	32.8	31.9	2	0.4	0.3	0.3	2.0							8580
3	4.5	4.5	3.8	3.7	2	1.4	1.5	1.1	3.0							8549
4					1	0.4	0.9	0.5	1.8							8521
5					1	0.4	1.5	0.4	2.0							8509
6					1	0.1	0.6	0.4	1.1	K.24	20.1	19.9	23.3			8519
7					1	0.1	0.2	0.1	0.4							8515
8					0	0.1	1.5	0.9	3.2							8526
9					0	0.8	1.9	0.9	3.5							8545
10					0	0.7	1.7	0.9	2.8							8560
11					0	0.2	1.2	0.5	2.1	K.25	20.3	19.9	21.3			8574
12					0	0.4	0.9	0.6	1.8							8585
13					0	0.3	1.0	0.7	1.8							8593
14					0	0.1	0.4	0.4	0.9							8590
15					0	0.1	0.4	0.7	1.4							8600
16					0	0.3	0.8	0.5	2.0	-	-	-	-			8614
17	23.1	23.5	21.7	21.0	2	0.7	0.4	0.1	0.5							8478
18	5.7	5.8	4.6	4.1	2	0.0	0.1	0.1	0.7							8552
19	7.4	7.5	7.4	7.1	2	0.5	0.9	0.5	1.8							8528
20					2	0.4	1.1	1.2	3.3							8528
21					2	1.0	0.1	0.1	0.4	-	-	-	-			8522
22	0.6	0.6	0.0	0.0	2	0.2	0.3	0.3	0.8							8526
23					2	0.2	0.4	0.1	0.8							8525
24	1.9	2.4	0.9	1.9	2	0.3	0.5	0.5	1.1							8534
25					2	0.1	1.3	1.1	2.8							8538
26					2	0.4	1.1	0.6	1.7	K.26	20.3	20.3	21.6			8547
27					2	0.0	0.2	0.1	0.4							8564
28	0.0	0.0	0.0	0.0	1	0.1	0.5	0.5	1.4							8569
29					0	0.4	0.4	0.3	0.7							8590
30					0	0.0	1.0	0.6	1.6							8595
31																
Prom.	76.0	76.5	71.2	69.7	-	0.4	0.8	0.5	1.7	-	-	-	-	-	-	8553

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		
15.7	15.8	15.7	17.0	17.0	17.1	19.4	19.9	12.6	Cn. m. t. y n., Ne. m.
15.8	15.8	15.7	16.9	17.0	17.0	19.4	19.8	10.2	Cn. m. t. y n., LL. m.,r. n.
15.6	15.5	15.2	16.4	16.6	16.5	19.2	19.8	-5.2	Ca. m. t. y n., h. m., r. n.
15.1	15.0	15.0	16.3	16.4	16.4	19.1	19.8	-1.8	Cn. m., Ca. t. y n., h. m., r. m. y n., Ne. n.
14.7	14.7	14.7	16.2	16.2	16.5	19.1	19.8	2.2	Cn. m. t. y n., r. m. y n., Js. t., Jl. n.
14.6	14.6	14.6	16.1	16.2	16.3	19.0	19.8	4.4	Cn. m. t. y n., Ne.r. m. y n., Ne. t., Dl.Jl.n.
14.8	14.9	15.0	16.3	16.3	16.3	19.0	19.9	10.6	Cn. m. t. y n., N. m. t. y n.
15.1	15.2	15.2	16.3	16.3	16.1	19.0	19.8	10.0	Ca. m. t. y n.
15.1	15.1	14.8	16.0	16.0	15.9	19.0	19.8	-5.0	Ca. m. t. y n., h. m.
14.5	14.5	14.2	15.7	15.9	15.8	18.9	19.7	-3.0	Ca. m. t. y n., h. m., r. n.
14.1	14.1	14.2	15.6	15.7	15.7	18.9	19.7	-2.1	Ca. m. y n., Cn. t., h.N. m., Ne. t., r. n.
13.8	13.8	13.5	15.4	15.6	15.6	18.9	19.6	-3.8	Ca. m. t. y n., h. m., r. n.
13.6	13.6	13.5	15.3	15.3	15.6	18.8	19.6	-2.3	Cn. m., Ca. t. y n., r. m. y n.
13.6	13.6	13.5	15.3	15.3	15.2	18.7	19.5	2.0	Cn. m. y t., Ca. n., r. m. y n., Ne. m.
13.2	13.7	13.6	15.6	15.2	15.2	18.7	19.5	-2.0	Cn. m. y t., Ca. n., N.h. m., Js. t., r. n.
13.6	13.6	13.6	15.2	15.4	15.4	18.6	19.5	3.8	Cn. m. y n., Ca. t., r. m. y n.
13.8	14.0	14.0	15.0	15.3	15.3	18.5	19.3	12.3	Cn. m. t. y n., Z. m. y t., N. n.
14.2	14.4	14.4	15.4	15.4	15.2	18.3	19.4	12.7	Cn. m. y t., Ca. n., Z.LL. m., LL. t.
14.3	14.4	14.2	15.0	15.2	15.0	18.3	19.4	0.5	Ca. m. t. y n., r. n.
14.7	14.3	13.7	14.9	15.0	15.0	18.3	19.4	-1.5	Ca. m. t. y n., r. m. y n., h. m.
13.6	13.6	13.5	14.8	15.0	15.1	18.3	19.3	2.9	Ca. m., Cn. t. y n., r. m., CH. t., Z. n.
13.5	13.6	13.2	15.1	15.1	15.0	18.3	19.3	13.2	Cn. m. y t., Ca. n., Ne.r. n.
12.9	14.1	13.9	15.0	15.1	15.0	18.2	19.3	6.5	Cn. m. t. y n., r. m., Z. t., LL. n.
14.0	13.9	13.3	15.0	15.0	14.9	18.1	19.2	6.9	Cn. m., Ca. t. y n., r. n.
13.6	13.5	13.2	14.7	14.8	14.6	18.0	19.1	-3.0	Ca. m. t. y n., h. m., r. n.
13.1	13.0	12.8	14.4	14.5	14.6	18.0	19.0	-0.5	Ca. m. t. y n., h. m., r. m. y n.
13.0	12.7	12.5	14.6	14.5	14.6	18.0	19.1	-3.0	Ca. m., Cn. t. y n,h. m,Ns.m,Ne.Z.t,N.r. n.
12.5	12.5	12.5	14.3	14.5	14.4	18.0	19.0	4.1	Cn. m. y t., Ca. n., r. m. y n., Js. t.
12.3	12.2	12.1	14.1	14.1	14.2	17.8	19.0	-5.8	Ca. n., Cn. m. y t., h. m. y n., r. n.
12.0	11.9	11.6	13.9	14.0	13.8	17.7	18.9	-7.5	Ca. m. t. y n., h. m., Ne. m., r. n.
14.0	14.0	13.9	15.4	15.5	15.4	18.6	19.5	2.3	

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 Décimas		%
1ª	60.4	65.2	4	9	52.2	1	14	11.3	17.0	6.2	23.6	1	13-14	1.5	10	6	5.6	9.9	57
2ª	59.0	63.7	12, 20	10,9-10	51.3	18	16-17	11.8	17.2	5.7	19.5	11	14-15	1.3	11	6-7	6.3	9.8	54
3ª	63.5	74.5	30	1-2	54.1	22	5	8.5	13.6	3.5	20.5	22	13-14	-1.8	30	6	4.8	9.8	49
MES	63.5	74.5	30	1-2	51.3	18	16-17	10.3	16.0	5.1	23.6	1	13-14	-1.8	30	6	5.3	9.8	53

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	77	100	2,4,7,8	27	3	7.8	14.5	3.2	W	9	36	5	30	5	13-14	31	NW	5	12.44	36.7	32.2	2	13.5	2	3-4
2ª	83	100	12,15,17	41	12	8.2	15.0	5.0	NE	13	36	17	25	13	12-13	30	NW W	13 17	12.04 6.20	36.8	23.5	17	16.0	17	4-5
3ª	86	100	23,28,30	42	25	7.2	14.0	3.8	NW	13	36	24, 26	24	26	11-12	36	S	24	12.04	3.0	2.4	24	0.5	23	18-19
MES	82	-	-	27	3	7.7	15.0	3.2	NW	11	36	-	30	5	13-14	36	S	24	12.02	76.5	32.2	2	16.0	17	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	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	3	-	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-
2ª	5	-	2	3	-	-	-	2	2	-	-	-	-	-	-	-	-
3ª	6	-	3	1	1	-	-	1	3	-	1	-	-	-	-	-	-
MES	14	-	8	5	1	-	-	4	5	-	1	-	-	-	-	-	-

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Gemellada blanda	Gemellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	4	-	-	-	-	1	1	2	-	-	6	4	1	-	-
2ª	8	4	-	-	-	-	-	1	-	-	-	8	2	1	-	-
3ª	10	4	-	-	-	-	-	1	-	-	-	6	4	4	-	-
MES	24	12	-	-	-	-	1	3	2	-	-	20	10	6	-	-

Typis privatis Spec.Phys.cosm.Sanct.Michael.

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV JULIO 1949 N°. 7

RESUMEN MENSUAL

Toda la primera década de este mes se destaca por la llegada de aire templado y húmedo del sector N, que empieza el 1°. Por lo tanto el tiempo bueno de este día, cambia pronto en un estado más nuboso y húmedo y casi cada día caen lluvias ligeras o lloviznas. También la temperatura aumenta y todos los promedios diarios de este elemento se encuentran sobre los 10.0°C a partir del día 2, sobrepasando en cuatro el nivel normal. Los débiles frentes fríos que atraviesan el Observatorio el 4 y el 8 y que llevan consigo aire poco más fresco, no afectan mayormente el estado de este tiempo, siendo desplazado cada vez rápidamente por la corriente general del sector N.

Este desarrollo culmina en la tarde y noche del 11, en que aire tropical avanza hasta el centro de la Provincia de Buenos Aires. La temperatura y humedad absolutas alcanzan en este día sus máximas mensuales con 23.6°C y 16 mm, respectivamente, cayendo fuertes lluvias (29 mm, que representa 2/3 partes de la lluvia mensual). El 12 avanza hacia el norte aire frío y la temperatura baja unos 10.0°C. Antes de que llegue este aire de origen polar, la presión atmosférica llega al nivel más bajo del mes con 751.1 mm El tiempo mejora lentamente y después de 12 días con nubosidad considerable y lluvias intermitentes, desde el día 14 hasta el fin de esta década se mantiene buen tiempo sin mayores cambios. Esta situación está caracterizada por la constante llegada de aire frío y seco (el día 18 se registra el valor mínimo mensual de humedad relativa con 38%) y la alta presión sobre el centro de la República. Por lo tanto la temperatura está en todo este lapso, debajo de su término medio y la superficie terrestre se enfría casi diariamente hasta y por debajo del punto de congelación.

Tiempo bueno y frío con alta presión, son también las características del principio de la última década de este mes. En los dos primeros días baja la temperatura en la casilla también a 0.0°C y alcanza el día 22 su mínima mensual con -2.6°C. También la tensión del vapor tiene su mínimo mensual en estos días con 3.4 mm, mientras la presión atmosférica marca el valor mensual más alto con 770.7 mm. El 23 gira el viento al N;sin embargo se mantiene el buen tiempo en general; la temperatura permanece ligeramente bajo su nivel normal. El 26 llega el último frente frío de este mes. Con este aire, desciende una vez más la temperatura en la casilla hasta -2.0°C (el 28) y la temperatura de la superficie hasta -8.2°C (el valor mínimo del mes). Este aire pues, es desplazado pronto por un empuje de aire tropical, de modo que la temperatura, humedad y nubosidad aumentan rápidamente. Así el último día del mes está cubierto,con un promedio de 94% de humedad relativa y 20.0°C de temperatura máxima.

Los promedios mensuales de los distintos elementos no difieren mayormente de su término medio, para esta estación del año, ya que el período templado y en parte caluroso en el principio y fin del mes, esta compensado por la prolongada época de tiempo frío en la 2a. y 3a. década.

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	-	-	-	-	-	20	34	58	58	119	96	75	71	69	75
2	30	18	44	32	14	18	14	28	54	52	48	34	50	30	34
3	7	34	28	18	30	26	24	34	40	38	48	30	12	9	12
4	14	12	22	22	12	24	28	24	28	30	34	52	58	52	32
5	-	-	-	18	22	18	-	-	-	9	18	16	20	22	22
6	26	22	22	24	14	16	30	34	56	40	32	40	56	48	50
7	14	14	14	22	32	54	30	22	26	34	32	46	73	60	69
8	32	42	26	22	22	24	24	26	18	34	36	36	46	42	34
9	42	40	46	32	58	42	40	30	52	22	42	38	30	40	46
10	44	46	50	54	58	50	46	46	78	60	60	60	54	54	69
11	18	30	58	112	85	89	69	75	50	62	30	30	30	52	46
12	22	-25	32	14	-	-	-	-	-	14	12	34	46	56	58
13	42	20	30	28	26	30	34	50	50	63	46	42	46	54	50
14	35	35	36	39	38	32	37	42	41	44	44	39	41	39	40
15	36	30	37	44	39	36	36	44	50	48	47	44	44	48	53
16	42	39	38	27	32	16	31	42	55	36	35	33	30	26	43
17	27	35	36	27	26	27	27	55	53	74	86	82	74	51	64
18	62	60	46	32	-	-	-	-	61	88	100	91	91	79	80
19	56	55	60	53	55	43	35	56	66	66	67	60	55	51	48
20	35	36	36	33	16	34	40	43	62	57	50	47	47	45	40
21	49	45	40	38	40	32	37	41	67	77	68	57	49	41	74
22	57	60	43	32	32	36	8	4	88	95	80	75	72	73	90
23	32	34	37	36	39	41	47	64	73	75	77	88	77	57	70
24	-	-	-	-	-	-	-	-	42	52	43	64	68	74	62
25	64	69	56	22	9	14	26	5	5	50	89	80	71	54	54
26	8	5	-10	3	9	- 5	-16	16	3	37	74	40	24	23	27
27	121	89	66	80	58	50	50	117	144	135	158	123	112	103	91
28	92	77	79	71	45	43	34	43	53	64	74	75	68	82	88
29	71	75	62	54	42	52	56	40	54	44	52	42	40	50	46
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prom	41.6	42.4	42.0	42.5	39.4	38.5	36.9	39.8	54.9	52.1	48.6	45.1	45.0	46.2	50.8

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	-	-	-	-	12.96	14.59	27.55	0.90	0.68	0.64	1.32	1.06	0.69	0.69	1.38	1.00
2	-	-	-	-	-	-	-	-	0.24	2.04	2.28	0.12	0.68	0.90	1.58	0.76
3	-	-	-	-	-	-	-	-	-	-	-	-	1.65	2.33	3.98	0.71
4	-	-	-	-	-	-	-	-	0.84	1.35	2.19	0.62	0.17	0.19	0.36	0.89
5	-	-	-	-	-	-	-	-	0.16	0.22	0.38	0.73	0.92	0.75	1.67	1.23
6	-	-	-	-	4.88	8.01	12.89	0.61	0.19	0.12	0.31	1.58	0.33	0.26	0.59	1.27
7	-	-	-	-	-	-	-	-	0.44	1.18	1.62	0.37	0.43	0.45	0.88	0.96
8	-	-	-	-	-	-	-	-	2.30	1.48	3.78	1.55	1.70	1.87	3.57	0.91
9	-	-	-	-	-	-	-	-	0.59	0.99	1.58	0.60	1.34	1.14	2.48	1.18
10	-	-	-	-	-	-	-	-	0.79	0.68	1.47	1.16	0.26	0.26	0.52	1.00
11	-	-	-	-	-	-	-	-	0.79	0.86	1.65	0.92	0.93	0.75	1.68	1.24
12	-	-	-	-	-	-	-	-	0.72	0.91	1.63	0.79	1.43	1.33	2.76	1.08
13	18.48	17.82	36.30	1.04	-	-	-	-	1.02	1.12	2.14	0.91	0.64	0.91	1.55	0.70
14	-	-	-	-	8.12	14.28	22.40	0.57	0.53	0.78	1.31	0.68	0.89	0.94	1.83	0.95
15	-	-	-	-	-	-	-	-	0.68	0.80	1.48	0.85	1.03	1.22	2.25	0.84
16	12.00	13.49	25.49	0.89	2.30	6.86	9.16	0.34	0.44	1.02	1.46	0.43	0.90	1.06	1.96	0.85
17	6.24	5.81	12.05	1.08	8.43	8.63	17.06	0.98	0.61	0.73	1.34	0.84	0.79	1.04	1.83	0.76
18	-	-	-	-	4.62	4.55	9.17	1.02	0.64	0.66	1.30	0.97	0.54	0.58	1.12	0.93
19	11.82	19.15	30.97	0.62	9.95	12.10	22.05	0.82	0.42	0.74	1.16	0.57	0.82	1.16	1.98	0.71
20	9.55	10.99	20.54	0.86	14.05	11.65	25.70	1.20	0.97	1.16	2.13	0.84	1.12	1.20	2.32	0.93
21	15.25	11.84	27.09	1.29	7.69	8.38	16.07	0.92	0.80	1.10	1.90	0.73	0.90	1.17	2.07	0.77
22	7.28	9.99	17.27	0.73	7.56	4.66	12.22	1.61	0.58	0.85	1.43	0.68	0.79	0.58	1.37	1.36
23	4.60	8.27	12.87	0.55	7.81	9.17	16.98	0.86	0.42	0.53	0.95	0.79	0.80	1.52	2.32	0.53
24	5.79	8.25	14.04	0.70	6.23	5.95	12.18	1.09	0.33	0.52	0.85	0.63	0.78	0.66	1.44	1.18
25	-	-	-	-	6.92	7.98	14.90	0.87	0.79	1.03	1.82	0.77	0.77	0.82	1.59	0.94
26	6.75	11.86	18.61	0.67	2.25	2.48	4.73	0.91	0.82	0.77	1.59	1.06	0.53	0.49	1.02	1.08
27	-	-	-	-	1.95	2.27	4.22	0.86	0.39	0.49	0.88	0.80	0.25	0.25	0.50	1.00
28	5.19	8.68	13.87	0.60	3.96	4.30	8.26	0.91	0.58	0.59	1.17	0.98	0.44	0.53	0.97	0.83
29	-	-	-	-	-	-	-	-	0.26	0.35	0.61	0.74	0.44	0.41	0.85	1.07
30	-	-	-	-	-	-	-	-	0.17	0.25	0.42	0.68	0.43	0.39	0.82	1.10
31	-	-	-	-	-	-	-	-	1.01	0.74	1.75	1.36	0.86	0.78	1.64	1.10
Prom.	9.36	11.47	20.83	0.81	6.86	7.87	14.73	0.90	0.64	0.82	1.46	0.83	0.78	0.86	1.64	0.96

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
66	69	56	89	52	69	48	64	64		167	-18	185	1*
22	20	24	22	26	9	30	30	5		107	-103	210	2
5	9	9	16	9	20	14	16	18		119	-112	231	2
9	18	16	32	30	24	9	7	12		80	-52	132	2
30	38	46	44	16	12	12	12	36		85	-56	141	2*
58	58	36	44	38	44	32	14	9	35.1	103	- 7	110	1
62	42	34	20	26	-30	26	-14	5		∞	-154	-	2
- 5	24	20	- 7	30	40	16	28	34	26.8	149	-205	354	1
58	71	75	75	44	42	42	52	52	46.3	137	-14	151	1
52	-	-	-	-	-	80	38	42		229	-77	306	3*
46	58	-22	75	75	75	75	60	30	54.5	∞	-171	-	1
20	5	18	16	26	30	34	36	36		107	-228	335	3*
62	66	71	78	73	75	62	71	64		112	0	112	0
40	42	40	39	41	35	42	38	43	39.2	142	32	110	0
45	41	27	46	45	28	45	36	33	40.9	181	14	167	0
52	55	59	64	51	44	42	38	36	40.2	181	0	181	0
49	38	58	75	74	-	-	88	70		∞	- 5	-	0*
-	-	81	84	74	76	88	76	65		∞	10	-	1*
52	49	45	43	43	38	39	40	39	50.6	206	15	191	0
38	45	66	66	62	60	60	55	51	46.8	106	-45	151	1
55	49	20	42	57	36	49	59	60	49.7	∞	-98	-	1
79	109	94	90	88	72	55	39	42	63.0	∞	-47	-	1
66	57	72	72	-	64	47	16	18		∞	-92	-	1*
49	39	14	16	49	43	42	24	31		100	- 4	104	1*
69	78	98	103	85	62	30	7	-		∞	-89	-	2*
28	27	31	32	34	43	74	43	86		∞	-103	-	2*
80	98	-	-	247	-	-	-	231		∞	26	-	0*
92	-	-	91	97	90	77	71	57		∞	-130	-	1*
12	7	9	34	96	62	46	-18	16	43.5	206	-138	344	1
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
44.2	50.7	39.1	50.9	55.8	48.0	45.2	36.8	37.1	44.7				

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^-
89	75	73	3.30	3.36	838	622	1460	1.35	1.03	0.58
32	30	12	2.28	0.63	1044	509	1553	2.05	0.57	0.63
48	50	12	-	1.59	341	792	1133	0.43	2.68	1.24
36	28	9	2.04	0.11	1587	509	2096	3.12	1.36	0.70
22	24	30	0.30	1.67	394	1387	1781	0.28	0.14	2.84
42	42	64	0.43	1.26	1838	341	2179	5.39	3.11	-
22	30	62	1.62	1.82	-	-	-	-	1.74	1.42
36	36	42	4.54	5.00	1039	622	1661	1.67	0.57	-
44	42	58	2.21	4.79	624	1534	2158	0.41	2.62	2.45
62	54	-	2.65	-	1161	761	1922	1.52	1.36	1.34
38	32	56	1.76	3.14	249	241	490	1.03	1.59	-
14	22	14	1.20	1.29	1224	740	1964	1.65	0.95	0.83
42	42	62	3.00	3.20	1477	1224	2701	1.21	1.51	1.45
43	43	38	1.88	2.32	614	907	1521	0.68	-	-
45	47	43	2.32	3.22	907	920	1827	0.98	-	-
34	35	53	1.70	3.46	1224	1136	2360	1.08	1.12	1.59
95	83	51	3.71	3.11	572	983	1555	0.58	1.18	1.01
101	92	-	3.99	-	-	-	-	-	-	-
68	59	52	2.28	3.43	394	859	1253	0.46	-	1.61
48	49	39	3.48	3.02	1039	1645	2684	0.63	1.35	1.66
68	59	55	3.74	3.80	1477	1469	2946	1.01	0.74	0.54
72	75	70	3.58	3.20	981	964	1945	1.02	2.21	0.56
75	82	70	2.60	5.41	566	425	991	1.33	0.97	-
46	60	53	1.70	2.54	482	570	1052	0.84	0.91	0.32
85	85	71	5.16	3.76	737	1044	1781	0.70	0.49	-
75	59	31	3.13	1.05	737	792	1529	0.93	2.15	-
162	126	85	3.70	1.42	681	670	1351	1.02	-	-
84	71	100	2.77	3.23	981	853	1834	1.15	0.20	-
42	22	9	0.45	0.26	398	920	1318	0.43	-	-
-	-	-	-	-	1100	624	1724	1.76	0.35	-
-	-	-	-	-	624	1469	2093	0.42	0.42	2.29
58	54	49	2.55	2.63	873	880	1753	1.21	1.25	1.28

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	70.4	69.8	69.2	68.5	68.1	68.2	68.4	68.5	68.5	68.3	67.5	66.6	65.6	64.6	64.0
2	62.8	62.6	62.3	62.0	62.1	62.1	62.4	62.4	62.2	62.2	62.0	61.1	60.6	59.8	59.4
3	57.5	57.5	57.5	56.9	57.0	56.8	57.2	57.2	57.5	57.6	57.8	57.3	56.8	56.5	56.8
4	61.1	61.1	61.0	61.3	61.5	62.1	62.6	62.8	63.1	63.2	63.0	62.7	62.2	62.2	61.9
5	63.9	63.9	63.8	63.7	63.7	63.6	63.9	64.1	64.5	64.7	64.2	63.8	63.7	63.6	63.6
6	65.7	65.8	65.3	65.3	65.3	65.5	65.6	66.0	66.5	66.4	65.8	64.7	64.2	64.2	64.2
7	64.5	64.2	63.8	63.3	63.0	62.7	63.2	63.3	62.9	63.0	62.8	62.1	61.3	61.2	60.8
8	58.0	57.6	57.4	56.9	56.7	56.6	56.6	56.6	56.9	56.9	56.6	55.9	55.3	54.8	54.5
9	55.6	55.6	56.1	56.8	56.8	57.3	58.1	59.0	59.1	59.5	59.4	59.0	58.8	58.6	58.1
10	59.7	59.4	59.0	58.9	58.7	58.7	58.6	58.6	58.4	58.4	58.2	57.3	56.8	56.2	55.8
11	54.6	54.2	53.7	53.4	53.1	52.7	53.0	53.4	53.3	53.5	53.3	52.7	52.0	51.9	51.4
12	51.2	51.1	51.1	51.3	51.2	51.4	51.7	52.0	52.6	52.6	52.5	52.4	51.8	52.0	52.3
13	57.3	57.3	57.7	58.1	58.2	58.8	59.1	59.9	60.4	61.3	61.6	61.7	61.6	61.6	61.7
14	64.4	64.4	64.1	63.7	63.7	63.7	63.9	64.0	64.3	64.5	64.0	63.5	62.8	62.4	62.2
15	63.8	63.8	63.8	63.8	63.8	64.4	64.8	65.6	65.6	66.2	66.2	66.0	65.3	65.2	65.5
16	67.2	67.1	66.9	66.6	66.0	66.1	66.2	66.3	66.4	66.4	66.0	65.2	64.4	64.2	63.8
17	63.9	63.6	63.6	63.5	63.8	64.2	65.1	66.0	66.5	66.7	66.9	66.6	66.3	66.2	66.0
18	66.7	66.2	65.9	65.5	65.4	65.4	65.1	65.0	64.4	64.4	63.7	63.1	62.2	61.6	61.0
19	60.2	60.1	59.8	59.2	59.0	58.8	58.8	58.8	58.8	59.0	58.6	58.4	57.9	58.0	58.3
20	64.8	65.2	65.5	65.4	65.8	66.5	67.3	68.0	68.5	68.9	69.1	69.1	68.6	68.4	68.3
21	70.7	70.7	70.6	70.5	70.4	70.6	70.7	71.1	71.2	71.3	71.0	70.5	69.9	69.5	69.0
22	69.4	69.1	69.0	68.9	68.9	69.0	69.1	69.4	69.4	69.4	69.2	68.5	67.8	67.0	67.0
23	66.6	66.3	66.1	65.5	65.2	64.7	64.8	65.2	66.0	66.2	65.6	65.3	64.6	63.9	63.5
24	65.9	66.1	66.0	66.0	66.0	66.0	66.0	66.2	66.3	66.3	66.2	65.7	64.7	64.4	64.0
25	62.8	62.5	62.9	62.9	63.0	63.0	64.0	64.0	63.8	64.4	64.2	63.6	63.2	62.6	62.3
26	63.2	63.2	62.7	62.2	62.1	62.4	62.6	62.8	62.7	62.6	62.0	61.3	60.5	59.6	59.7
27	61.6	61.8	62.0	62.4	62.7	63.1	63.7	64.6	64.6	64.7	64.8	64.8	64.8	64.8	65.0
28	68.0	67.9	67.7	67.2	67.1	67.0	67.1	67.1	67.2	67.1	66.8	66.2	65.1	64.4	63.7
29	62.0	61.2	60.7	59.9	60.3	60.1	60.6	60.8	61.5	62.3	62.6	62.6	62.3	61.8	62.0
30	63.0	63.0	62.9	62.6	62.6	62.8	63.3	63.4	63.5	63.7	63.5	63.0	62.2	61.4	61.2
31	59.6	59.2	58.8	58.4	58.1	58.1	57.9	58.0	57.9	58.0	57.7	57.0	56.4	55.8	55.9
Prom	62.8	62.6	62.5	62.3	62.2	62.3	62.6	62.9	63.0	63.2	63.0	62.5	61.9	61.6	61.4

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	2.2	2.2	1.8	2.0	2.0	2.1	1.7	1.8	6.2	9.1	10.7	13.8	15.0	15.8	15.8
2	6.8	6.9	6.9	7.1	7.2	7.7	7.7	8.7	8.8	9.1	10.0	11.1	12.1	12.2	12.9
3	11.7	11.7	11.6	11.6	11.6	11.7	11.7	11.9	12.3	12.8	13.3	14.1	14.2	15.0	14.9
4	11.9	11.8	11.1	10.1	10.0	10.2	10.4	10.7	11.0	12.1	13.8	14.7	16.0	16.7	16.1
5	11.0	11.1	11.3	11.4	11.4	11.5	11.6	11.6	11.7	12.1	12.6	12.9	13.1	13.7	14.3
6	9.0	9.0	9.1	9.3	9.3	9.2	8.9	8.9	9.3	11.0	11.9	13.2	13.9	14.2	13.7
7	9.5	9.4	11.1	11.2	11.2	11.1	11.2	12.5	12.5	12.8	13.0	13.6	14.3	15.0	14.9
8	13.3	13.5	13.7	13.7	13.8	13.8	13.9	13.9	12.0	12.4	12.4	12.4	13.2	13.2	12.6
9	10.7	10.9	10.8	10.4	9.7	9.7	9.9	10.0	10.1	11.1	12.4	13.3	13.8	14.1	14.3
10	11.7	11.6	11.7	11.2	10.9	10.3	10.3	10.6	11.4	12.5	13.7	16.5	17.4	17.8	17.4
11	15.2	15.1	15.2	15.2	15.2	15.2	15.6	16.5	16.6	18.7	20.8	21.6	23.2	23.2	23.6
12	17.9	17.9	17.8	17.3	17.1	17.1	17.1	16.8	16.2	15.0	15.0	16.1	17.5	19.9	17.6
13	9.5	9.5	8.9	7.6	7.5	7.6	7.5	6.8	6.9	7.5	7.6	8.2	8.3	8.6	8.7
14	6.3	6.3	6.3	6.4	6.3	6.2	5.7	4.6	6.4	8.8	10.1	10.6	11.6	11.9	11.8
15	3.1	3.1	3.2	3.7	3.6	3.3	2.9	3.6	5.3	7.6	9.1	9.9	10.4	10.5	10.1
16	1.0	1.1	1.4	1.6	1.7	1.8	1.6	2.3	4.8	8.0	9.4	10.7	11.8	12.3	12.1
17	4.6	4.3	4.8	3.8	3.5	3.4	3.1	4.0	5.9	8.4	10.1	11.6	13.4	14.0	13.8
18	2.7	2.6	2.7	2.8	2.7	2.8	2.5	4.5	6.7	9.9	12.5	14.1	15.6	16.0	15.9
19	7.6	7.7	7.4	6.8	6.8	6.8	6.3	7.1	8.3	9.8	10.9	12.9	14.4	15.6	15.1
20	4.2	3.2	3.3	3.6	3.9	4.3	4.3	4.4	4.7	5.7	6.5	7.2	7.5	8.1	7.9
21	4.0	3.6	3.6	3.6	3.5	3.0	2.7	2.3	3.4	6.1	8.1	8.7	8.7	9.3	8.5
22	-1.7	-2.3	-2.1	-1.9	-1.7	-2.0	-1.9	0.7	3.9	6.2	7.9	9.2	10.2	11.0	11.0
23	3.2	2.5	2.1	2.1	2.1	1.9	1.9	2.9	4.7	7.0	9.1	11.1	12.3	13.3	12.9
24	2.8	1.4	1.1	1.5	0.9	0.8	0.6	2.9	6.7	9.9	12.0	13.7	14.2	14.3	14.3
25	5.2	4.6	4.5	3.9	3.3	2.3	2.2	2.4	7.8	11.2	13.3	15.6	17.2	18.0	17.9
26	2.5	2.7	2.9	2.5	1.3	1.1	0.7	1.8	7.7	12.4	15.4	17.2	18.4	19.5	19.1
27	2.8	2.2	1.9	2.0	6.0	6.0	5.7	6.5	9.7	12.7	15.5	16.7	17.8	17.9	17.7
28	-0.4	-0.1	-0.2	-0.7	-1.2	-1.1	-1.1	-0.8	7.8	11.5	13.4	13.9	14.1	15.0	14.7
29	8.9	8.5	8.6	9.2	10.1	10.3	10.1	10.4	10.3	12.2	12.7	13.4	14.2	15.4	15.4
30	11.9	12.0	12.1	12.2	12.1	12.1	12.1	12.0	12.2	12.9	13.4	13.9	14.7	14.9	14.8
31	13.9	13.9	13.5	13.6	13.8	13.8	13.8	14.3	14.8	16.3	17.7	18.9	19.6	20.0	20.0
Prom	7.2	7.0	7.0	6.9	7.0	6.9	6.8	7.3	8.9	10.7	12.1	13.2	14.1	14.7	14.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
64.0	64.1	64.3	64.3	64.2	63.8	63.6	63.6	63.3	70.7	0	63.3	24	7.4	766.3 mm.	1021.7 mb.
59.6	59.5	59.5	59.5	59.6	59.2	58.8	58.6	58.5	63.3	0	58.5	24	4.8	60.8	1014.4
57.3	57.8	58.3	59.0	59.2	59.4	60.0	60.4	60.7	60.7	24	56.5	14	4.2	57.9	1010.5
62.5	62.9	63.0	63.5	63.6	63.5	63.6	63.8	64.0	64.0	24	60.7	0	3.3	62.6	1016.8
63.9	64.2	64.8	65.1	65.4	65.5	65.4	65.7	65.4	65.7	23	63.6	6,14,15	2.1	64.3	1019.0
64.1	64.2	64.8	65.1	64.9	64.5	65.1	65.0	64.9	66.5	9	64.1	16	2.4	65.1	1020.1
60.8	60.6	60.8	60.8	60.3	59.8	59.6	59.4	57.9	64.9	0	57.9	24	7.0	61.8	1015.7
54.4	54.4	54.4	54.3	54.3	54.2	54.3	54.5	55.3	58.0	1	54.2	21	3.8	55.7	1007.6
58.2	58.3	58.5	58.6	58.8	59.0	59.6	59.6	59.8	59.8	24	55.3	0	4.5	58.3	1011.0
55.0	54.6	55.1	54.5	54.6	54.6	54.6	54.7	54.7	59.8	0	54.5	19	5.3	56.9	1009.2
51.4	51.5	51.7	51.7	51.8	51.8	51.9	51.8	51.5	54.7	0	51.4	15,16	3.3	52.6	1003.4
52.8	54.0	54.2	55.0	55.2	55.6	56.5	56.8	57.2	57.2	24	51.1	2,3	6.1	53.1	1004.1
62.0	62.6	62.8	63.3	63.5	64.0	64.1	64.3	64.5	64.5	24	57.2	0	7.3	61.1	1014.8
62.3	62.6	62.9	63.0	63.2	63.5	63.5	63.7	63.8	65.7	10-11	62.2	15	3.5	63.5	1018.0
66.0	66.3	66.2	66.7	66.6	66.8	66.9	67.2	67.2	67.2	23,24	63.8	0-5	3.4	65.6	1020.8
63.5	63.4	63.5	63.5	63.6	63.7	63.8	64.1	64.1	67.2	1	63.4	17	3.8	65.1	1020.1
66.4	66.6	66.8	67.2	67.2	67.2	67.2	67.1	66.9	67.2	19-22	63.5	4	3.7	65.9	1021.2
60.7	60.4	60.4	60.3	60.2	60.1	60.2	60.3	60.3	66.9	0	60.1	21	6.8	62.8	1017.0
59.0	59.7	60.2	61.3	62.4	63.0	63.7	63.8	64.3	64.3	24	57.9	13	6.4	60.0	1013.3
68.6	69.0	69.5	69.8	70.2	70.3	70.6	70.7	70.7	70.7	23,24	64.3	0	6.4	68.3	1024.4
69.1	69.3	69.4	69.7	69.8	69.1	70.1	70.0	69.6	70.7	1,2	69.0	15	1.7	70.2	1026.9
67.2	67.3	67.5	67.7	67.7	67.6	67.5	67.4	66.9	69.6	0	66.9	24	2.7	68.2	1024.2
63.5	64.1	64.6	64.7	64.8	65.0	65.1	65.6	65.8	66.9	0	63.5	15,16	3.4	65.1	1020.1
63.9	63.8	63.8	63.8	63.8	63.8	63.7	63.6	62.9	66.3	9,10	62.9	24	3.4	65.0	1020.0
62.6	62.6	62.6	62.9	63.2	63.3	63.3	63.3	63.4	64.4	10	62.3	15	2.1	63.2	1017.6
59.8	59.9	60.4	60.8	60.9	60.7	61.1	61.5	61.4	63.4	0	59.6	14	3.8	61.5	1015.3
65.4	66.0	66.4	66.8	67.1	67.3	67.8	67.9	67.8	67.9	23	61.4	0	6.5	64.9	1019.8
63.4	63.4	63.2	62.6	62.6	62.3	62.4	62.4	62.0	68.0	1	62.0	24	6.0	65.2	1020.2
62.1	61.9	61.6	61.4	61.6	61.8	62.2	62.6	62.7	62.0	0,1	59.9	4	2.1	61.6	1015.4
61.3	61.3	61.0	60.9	61.0	61.0	60.8	60.3	60.0	63.7	10	60.0	24	3.7	62.1	1016.1
56.0	56.7	57.3	57.9	58.0	58.5	59.0	59.2	59.1	60.0	9	55.8	14	4.2	57.8	1010.4
61.5	61.7	61.9	62.1	62.2	62.3	62.4	62.5	62.5	64.6		60.2		4.4	62.3	1016.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.7	12.5	10.2	8.8	7.5	7.7	7.7	6.7	6.6	15.8	14,15	1.8	3,8	14.0	7.7
12.7	12.4	12.0	11.7	11.4	11.3	11.3	11.6	11.6	12.9	15	6.8	1	6.1	10.0
14.6	14.3	14.0	13.5	13.0	11.5	11.9	11.9	12.0	15.0	14	11.5	21	3.5	12.8
15.1	13.8	12.9	12.0	11.6	11.4	11.0	11.0	11.0	16.7	14	10.0	5	6.7	12.4
14.2	13.9	13.1	12.7	12.7	12.7	12.2	11.2	8.8	13.9	17	8.8	24	5.1	12.2
12.2	11.8	11.2	11.0	11.0	10.6	9.7	9.5	9.4	14.2	14	8.9	8,9	5.3	10.7
14.8	14.5	14.5	14.3	14.0	13.3	13.2	13.2	13.1	15.0	14	9.4	2	5.6	12.8
12.4	12.3	12.0	11.8	11.6	11.5	11.5	11.6	11.1	13.9	7,8	11.1	24	2.8	12.6
14.1	13.4	12.9	12.5	12.0	11.8	11.8	11.8	11.8	14.3	15	9.7	5,6	4.6	11.8
16.4	15.5	15.6	15.5	15.4	15.4	15.3	15.3	15.2	17.8	14	10.3	6,7	7.5	13.9
23.2	21.1	19.5	17.7	18.2	17.6	17.2	17.0	18.0	23.6	15	14.9	1-2	8.7	18.4
17.1	13.6	13.4	12.5	11.6	11.0	10.5	10.2	9.9	19.9	14	9.9	24	10.0	15.2
8.4	8.1	7.9	7.5	6.4	5.9	6.2	6.2	6.2	10.1	0-1	6.2	22-24	3.9	7.6
11.5	9.4	7.5	6.0	4.8	4.5	3.5	3.7	3.6	11.9	14	3.5	22	8.4	7.2
9.3	8.0	6.4	4.9	3.8	3.2	1.1	0.5	0.5	10.5	14	0.5	23,24	10.0	5.3
11.9	10.3	7.1	6.3	6.0	5.8	5.6	4.9	4.9	12.3	14	0.9	2-3	11.4	6.0
14.0	11.0	7.5	5.4	4.0	4.2	2.5	2.7	2.7	14.0	14,16	2.5	22	11.5	6.8
15.3	12.2	9.5	8.9	8.1	8.1	8.1	8.3	8.0	16.0	14	2.5	7	13.5	8.4
13.7	11.4	9.2	8.8	8.6	7.7	7.5	6.7	5.5	15.6	14	5.5	24	10.1	9.3
7.0	6.4	5.8	5.2	4.6	4.0	3.8	3.8	4.0	8.1	14	3.2	2	4.9	5.1
7.9	6.5	4.0	2.6	0.8	-0.4	-0.2	0.0	-1.0	9.3	14	-1.0	24	10.3	4.1
10.7	8.4	5.9	5.1	4.0	3.8	4.0	4.1	3.7	11.0	14,15	-2.6	6-7	13.6	4.0
12.6	10.3	7.3	5.1	3.6	2.9	2.6	2.2	2.1	13.3	14	1.7	6-7	11.6	5.7
14.0	11.7	9.9	8.5	7.7	6.8	6.7	5.6	5.5	14.3	14-15	0.1	7-8	14.2	7.2
17.3	14.5	11.2	8.2	6.8	6.4	5.4	5.6	3.3	18.0	14	2.2	7	15.8	8.7
18.7	16.2	12.6	9.7	7.2	5.8	5.6	4.4	3.8	19.5	14	0.7	7	18.8	8.7
16.0	13.1	9.8	7.6	6.0	6.0	3.5	2.2	1.5	17.9	14	1.5	24	16.4	8.6
13.8	10.8	10.0	9.9	9.0	8.9	8.7	8.9	8.9	15.0	14	-2.0	7-8	17.0	7.2
14.8	14.4	14.0	12.4	11.1	10.0	11.1	11.6	12.0	15.4	14,15	8.5	2	6.9	11.7
14.9	14.1	13.8	13.5	12.9	12.9	13.3	13.4	13.7	15.1	13-14	11.9	1	3.2	13.2
19.8	19.1	18.7	18.1	17.1	16.6	15.7	15.5	14.9	20.0	14,15	13.5	3	6.5	16.4
14.0	12.4	11.0	9.9	9.1	8.7	8.3	8.1	7.8	14.8		5.5		9.3	9.7

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	5.2	5.2	4.8	5.0	5.0	5.0	5.0	5.1	6.8	6.6	6.4	6.2	6.0	6.3	6.4
2	7.2	7.2	7.2	7.2	7.2	7.6	7.6	8.3	8.0	8.0	8.5	9.5	9.5	9.6	9.5
3	10.0	10.0	9.5	9.5	9.5	10.0	10.0	10.2	10.0	10.5	11.0	11.5	11.5	11.9	11.5
4	10.0	10.0	9.5	9.0	8.5	9.0	9.0	9.5	9.5	10.0	9.5	9.0	8.5	9.2	10.5
5	9.0	9.0	9.0	9.0	9.0	9.0	9.5	9.9	10.0	9.5	10.0	10.0	10.0	10.3	10.5
6	8.0	8.0	8.0	8.5	8.5	8.5	8.0	8.3	8.5	7.6	7.4	7.6	7.4	7.6	8.5
7	8.0	8.0	9.0	9.0	9.0	9.0	9.0	10.3	10.0	10.0	10.0	10.0	10.0	10.3	10.0
8	9.5	10.0	10.0	10.0	10.0	10.0	10.5	11.0	10.0	8.5	8.5	8.0	8.0	8.9	10.0
9	8.5	9.0	8.5	8.5	8.5	8.5	8.5	9.1	9.0	9.5	9.0	9.5	9.5	9.8	9.0
10	8.5	8.5	9.0	9.5	9.0	9.0	9.0	9.3	9.0	10.0	9.5	9.0	10.5	11.3	11.5
11	12.5	12.5	12.5	12.5	12.5	12.5	12.5	13.0	13.0	14.5	14.0	14.0	14.0	14.4	14.5
12	13.0	13.0	13.0	13.5	13.0	13.0	13.0	13.4	12.5	11.5	11.5	11.0	11.5	12.1	11.5
13	7.6	7.6	7.4	6.4	6.4	6.4	6.4	6.1	6.0	6.0	6.0	6.2	6.6	6.5	6.0
14	6.6	6.6	6.6	7.0	6.6	6.8	6.6	6.1	5.8	5.6	5.2	5.4	5.8	6.0	5.8
15	5.2	5.2	5.2	5.2	5.0	5.0	5.2	5.2	5.0	5.6	5.8	5.6	5.8	6.4	6.6
16	4.8	4.8	4.8	5.0	5.0	5.0	5.0	5.2	5.2	5.8	5.6	4.6	4.8	5.1	5.0
17	5.8	5.6	5.8	5.8	5.6	5.6	5.4	5.5	5.2	5.4	5.6	5.2	4.8	5.1	4.4
18	4.2	4.2	4.4	5.0	5.0	5.0	5.0	5.7	6.0	6.0	6.2	5.6	4.8	4.4	4.4
19	6.4	6.0	6.2	6.4	6.4	6.4	6.6	6.4	6.6	6.4	6.4	6.4	5.8	6.1	6.6
20	5.0	5.0	5.2	5.4	5.8	5.6	5.4	5.4	4.8	4.2	3.4	3.6	3.6	3.8	3.8
21	5.0	5.0	5.0	5.4	5.4	5.2	5.4	5.0	4.8	4.6	3.4	3.4	3.4	3.5	3.8
22	3.8	3.6	3.8	3.8	3.8	3.8	3.8	4.7	4.6	4.6	4.2	4.0	4.4	4.4	4.0
23	4.6	4.6	4.6	4.4	4.4	4.2	4.4	5.0	5.2	5.4	5.8	5.0	5.0	5.2	5.2
24	4.8	4.6	4.8	4.6	4.4	4.4	4.4	5.0	5.6	6.0	6.4	6.6	6.8	6.6	7.0
25	5.8	5.4	5.4	5.6	5.2	5.0	4.8	5.1	5.6	6.2	6.4	5.6	6.2	7.3	8.5
26	5.2	5.4	5.4	5.2	4.8	4.8	4.6	5.3	7.2	7.2	7.4	6.8	6.6	7.0	7.8
27	5.4	5.2	5.0	5.0	6.8	6.8	6.2	6.6	6.0	5.6	5.6	5.2	5.6	5.0	4.8
28	4.2	4.4	4.4	4.2	4.0	4.0	4.0	4.9	7.6	7.2	4.8	4.4	4.4	4.9	4.6
29	6.6	6.8	7.2	7.6	8.0	8.0	8.5	8.7	8.5	9.0	9.5	10.0	10.5	11.1	11.0
30	10.0	10.0	10.0	10.0	10.0	10.0	9.5	10.6	9.0	9.0	9.0	9.5	9.5	10.3	10.0
31	10.5	10.5	11.0	11.0	11.0	11.0	11.0	12.0	12.0	13.0	13.5	15.0	14.5	15.4	15.0
Prom.	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.6	7.6	7.7	7.6	7.5	7.6	7.9	8.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
66	78	88	95	96	96	96	97	98	98	24	47	13,14	51	84
89	96	95	93	93	97	97	97	96	99	6-9	86	15-16	13	96
93	96	97	98	98	99	99	99	98	99	11,12,21-23	88	14-15	11	97
85	88	94	95	95	95	96	96	96	99	8	65	13,14	34	91
87	88	91	90	85	86	87	90	97	97	7,8,24	84	19-20	13	91
77	80	80	82	80	84	91	93	95	99	1,2	63	14	36	85
81	84	81	83	86	91	92	94	93	97	7-8	81	14-16,18	16	90
96	95	96	95	95	95	95	95	95	98	8-9	75	13	23	90
84	84	86	87	88	91	88	88	89	99	8,9	79	15	20	90
89	95	96	94	96	97	96	96	97	99	6-7	70	12	29	91
68	87	95	93	92	94	95	95	85	98	6	66	13,15	32	86
80	89	84	83	87	87	88	89	89	98	9-10	69	14	29	87
77	79	78	80	91	97	91	94	93	97	21	74	14-15	23	84
61	71	82	88	89	93	94	92	93	100	7-8	57	13-15	43	82
87	88	92	94	96	96	97	97	97	97	22-24	65	12,13	32	86
51	58	76	77	78	80	83	88	89	100	0-1	47	13	53	78
40	57	74	83	87	89	88	83	81	99	6	34	14-15	65	76
37	54	63	67	71	71	71	73	78	95	5,7	32	14	63	69
54	58	71	80	81	82	80	80	84	91	7	46	14	45	74
60	64	71	76	81	85	82	82	83	97	5	46	14	51	75
52	58	73	81	87	83	90	94	96	100	7-8	44	12	56	76
43	54	64	69	73	74	75	78	79	100	7-8	41	15	59	74
51	63	80	87	93	91	92	96	87	100	23-24	46	14,15	54	77
64	80	89	91	85	85	83	90	89	100	6-7	54	14	46	81
77	86	92	96	94	92	95	97	97	100	6-7	44	13	56	81
49	62	79	90	93	96	96	96	98	100	7,8	41	14	59	81
42	52	68	79	75	81	89	93	97	100	0-4	33	14,15	67	73
46	66	79	82	80	81	77	72	75	100	7,8	37	14	63	76
91	95	95	96	97	97	97	96	96	99	19-20	79	1	20	91
83	84	85	85	92	93	94	94	94	96	0-7	76	13-14	20	90
88	91	92	90	94	97	94	95	97	98	7,8	85	14-15	13	94
69	77	83	86	88	90	90	91	91	98		60		38	84

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.0	8.0	8.0	7.8	7.4	7.6	7.6	7.0	7.0	8.0	16-18	4.8	3	3.2	6.4
9.5	10.0	9.5	9.0	9.0	9.5	9.5	9.5	9.5	10.0	17	7.0	0	3.0	8.6
11.0	11.5	11.5	11.0	10.9	9.5	10.0	10.0	10.0	11.9	14	9.5	3-5	2.4	10.5
10.5	10.0	10.0	9.5	9.7	9.0	9.5	9.5	9.5	10.5	16	8.5	5,13	2.0	9.5
10.5	10.0	10.0	9.5	9.4	9.5	9.0	8.5	8.0	10.5	15,16	8.0	24	2.5	9.5
8.0	7.8	7.6	7.6	7.8	7.8	8.0	8.0	8.0	8.5	4-6,9,15	7.4	11,13	1.1	8.0
10.0	10.0	10.0	10.0	10.5	10.5	10.5	10.0	10.0	10.5	20-22	8.0	1,2	2.5	9.7
10.0	9.5	10.0	9.5	9.7	9.0	9.0	9.0	9.0	11.0	8	8.0	12,13	3.0	9.5
9.5	9.5	9.5	9.5	9.3	9.5	9.0	9.0	9.0	9.8	14	8.5	1,3-7	1.3	9.1
12.0	12.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	18-24	8.5	1,2	4.0	10.6
14.0	16.0	15.5	14.0	14.3	13.5	13.5	13.0	12.5	16.0	17	12.5	1-7,24	3.5	13.6
11.0	10.0	9.0	8.5	8.9	8.5	8.0	8.0	7.8	13.5	4	7.8	24	5.7	11.1
6.2	6.2	6.0	6.0	6.6	6.6	6.4	6.4	6.4	6.6	13,20,21	6.0	9-11,15,18,19	0.6	6.4
6.2	6.4	6.4	6.0	5.7	5.8	5.4	5.4	5.4	7.0	4	5.2	11	1.8	6.0
7.6	7.0	6.6	6.0	5.7	5.6	4.8	4.6	4.6	7.6	16	4.6	23,24	3.0	5.6
5.4	5.4	5.8	5.4	5.5	5.2	5.6	5.6	5.6	5.8	10,18	4.6	0	1.2	5.2
4.4	5.6	5.6	5.4	5.3	5.4	4.6	4.4	4.4	5.8	1,3,4	4.4	15,16,23,24	1.4	5.2
4.8	5.6	5.4	5.6	5.7	5.8	5.8	5.8	6.2	6.2	11,24	4.2	1,2	2.0	5.3
6.0	5.8	6.2	6.4	6.8	6.4	6.0	5.6	5.4	6.8	20	5.4	24	1.4	6.2
3.8	4.2	4.4	5.2	5.6	4.8	4.8	4.8	5.0	5.8	5	3.4	11	2.4	4.7
4.2	4.0	4.4	4.4	4.2	3.6	3.8	4.0	4.0	5.4	4,5	3.4	11,13	2.0	4.4
4.0	4.2	4.2	4.4	4.5	4.2	4.4	4.6	4.6	4.7	8	3.6	2	1.1	4.2
5.0	5.8	5.8	5.6	5.5	5.2	5.0	5.2	4.6	5.8	11,17,18	4.2	6	1.6	5.0
7.4	7.8	7.8	7.6	6.4	6.0	6.0	5.8	5.8	7.8	17,18	4.4	5-7	3.4	5.9
11.0	10.5	9.5	7.8	7.0	6.2	6.4	6.6	5.6	11.0	16	4.8	7	6.2	6.6
7.6	8.5	8.0	7.8	6.7	6.6	6.6	6.0	5.8	8.0	18	4.6	7	3.4	6.4
5.8	5.8	6.0	6.0	5.3	5.8	5.0	4.8	4.8	6.8	5,6	4.8	15,23,24	2.0	5.6
5.6	6.4	7.0	7.4	6.8	7.0	6.4	6.0	6.0	7.6	9	4.0	5-7	3.6	5.4
11.5	11.0	11.0	10.0	9.6	8.5	9.5	9.5	10.0	11.5	16	6.0	24	5.5	9.2
10.0	9.5	9.5	9.5	10.2	10.0	10.5	10.5	10.5	10.6	8	9.0	9-11	1.6	9.9
15.0	15.0	14.5	13.5	13.6	13.0	12.0	12.0	12.0	15.4	14	10.5	1,2	4.9	12.8
8.2	8.4	8.3	8.0	7.9	7.7	7.6	7.5	7.4	9.0		6.3		2.7	7.6

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	N	8	N	8	N	8	NW	9	NW	5	N	4	Calma	1	N	4	N	5	N	10	N	13	N	14	NW	16	NW	16	N	13
2	N	6	N	6	N	8	N	2	N	3	NW	3	N	3	NE	3	NE	2	Calma	1	Calma	1	NE	7	NE	7	NE	9	NE	11
3	NE	8	NE	8	W	5	Calma	1	Calma	1	SE	3	E	2	E	2	NE	3	N	4	NW	7	NW	8	W	8	W	7	W	8
4	SW	3	SW	3	SW	3	Calma	0	Calma	0	W	2	SW	3	Calma	1	Calma	1	S	2	E	2	E	4	E	4	SE	4	E	4
5	E	5	E	4	NE	5	E	6	E	5	E	4	E	4	E	3	NE	6	NE	8	NE	7	E	4	E	5	E	3	SE	5
6	SE	2	Calma	1	SE	5	SE	3	E	4	SE	5	SE	4	NE	3	SE	2	SE	4	SE	7	E	10	E	10	E	11	E	13
7	E	5	E	5	NE	8	NE	11	NE	11	NE	12	NE	16	NE	14	NE	13	NE	12	NE	12	NE	13	NE	12	NE	10	NE	13
8	NE	17	NE	21	NE	22	NE	23	N	22	N	21	N	21	N	21	NW	24	N	22	NW	23	NW	27	NW	25	NW	22	NW	18
9	SW	11	SW	9	SW	11	SW	13	SW	7	W	7	W	12	W	11	W	17	W	13	SW	6	W	9	W	8	W	8	NW	6
10	NW	10	NW	8	N	7	N	5	NE	4	NE	9	NE	8	NE	9	NE	13	NE	12	NE	11	NE	10	NE	15	NE	11	NE	9
11	E	4	N	4	N	7	N	8	N	8	N	6	N	7	N	5	N	11	NW	12	NW	15	NW	18	NW	16	NW	10	NW	9
12	NW	12	NW	12	NW	11	NW	8	NW	7	NW	7	NW	7	W	5	W	8	SW	12	S	11	SE	9	SE	8	SE	7	S	9
13	SW	13	SW	17	SW	23	S	23	S	18	S	15	S	14	S	14	SE	13	SE	12	SE	11	SE	11	SE	10	SE	10	SE	9
14	S	4	SE	3	S	3	S	3	S	3	SW	2	Calma	1	SW	4	SW	4	SW	4	SW	7	W	9	W	11	W	11	W	11
15	W	8	W	9	SW	7	SW	9	SW	7	S	10	S	6	S	9	S	12	SE	9	S	12	S	11	SE	12	S	10	S	9
16	SW	2	SW	2	SW	6	SW	6	SW	5	SW	7	SW	4	SW	5	SW	6	W	9	W	13	W	10	NW	12	W	16	W	17
17	W	13	W	11	W	13	W	11	W	9	W	7	SW	5	SW	6	S	7	S	4	SE	5	SE	4	SE	3	S	5	S	3
18	NW	3	NW	5	NW	6	NW	9	NW	8	NW	8	NW	6	NW	6	NW	11	NW	10	NW	13	NW	16	NW	18	NW	19	NW	21
19	NW	12	NW	12	NW	14	NW	12	NW	14	NW	14	NW	14	NW	14	NW	18	W	21	W	47	W	15	W	15	W	15	SW	16
20	SW	11	SW	14	SW	10	SW	9	S	12	SE	10	SE	9	SE	9	SE	10	SE	12	SE	12	SE	14	SE	11	SE	12	SE	10
21	S	3	S	4	S	4	S	3	S	3	SW	3	Calma	1	SW	3	SW	3	SW	2	W	5	W	5	SW	6	W	7	W	6
22	NW	3	NW	2	NW	4	NW	3	NW	6	NW	3	NW	6	NW	7	N	9	N	12	N	14	N	14	N	13	N	16	N	14
23	N	16	N	14	N	16	N	9	N	10	N	12	N	9	N	9	NW	11	NW	10	NW	9	NW	8	W	9	W	9	NW	9
24	W	9	W	4	W	5	W	7	W	6	W	3	W	4	W	3	W	6	W	6	W	8	W	9	W	8	W	8	NW	5
25	NW	11	NW	10	NW	10	NW	6	NW	8	NW	6	NW	5	W	5	NW	10	NW	10	NW	13	W	14	W	14	W	12	W	14
26	N	2	N	3	NW	3	NW	4	Calma	0	NW	2	N	2	N	3	N	5	N	9	N	12	N	8	NW	11	NW	12	N	7
27	Calma	1	Calma	0	Calma	1	SW	4	S	7	S	8	S	6	Calma	1	SW	7	SW	7	SW	7	SW	10	SW	7	SW	9	SW	8
28	Calma	1	SE	2	SE	4	E	3	E	3	E	4	E	2	E	3	NE	6	NE	9	NE	16	NE	19	NE	20	NE	15	NE	13
29	NE	7	NE	9	NE	8	NE	8	NE	9	NE	6	NE	2	NE	2	NE	4	N	3	NE	2	NW	3	NW	4	W	3	SW	3
30	E	2	Calma	1	Calma	1	NE	2	E	4	NE	3	E	2	E	5	E	6	NE	6	NE	13	NE	17	NE	16	NE	14	NE	13
31	NE	8	NE	7	NE	7	NE	6	NE	8	NE	7	N	6	N	7	NW	11	NW	7	NW	12	NW	11	NW	10	NW	8	W	11
DIRECCIÓN PREVALENTE	NW		NW		SW-NW		NW		NW		NW		N		N		NE		N		NW		NW-W		NW		NW-W		W	
NÚMERO DE HORAS	6		6		6		7		6		7		6		6		7		6		7		7		8		10		6	
PROM. HOR. DE LA VELOCIDAD		7		7		8		7		7		7		6		6		8		9		10		11		11		11		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
NE	11	NE	10	NE	5	NE	5	NE	6	N	5	N	5	N	3	N	5	N	14	8	22	NE	13.20
NE	10	NE	7	NE	3	NE	7	NE	5	NE	5	NE	8	NE	9	NE	5	NE	15	5	10	NE	15.36
W	9	W	8	NW	5	W	4	W	5	W	2	SW	3	SW	4	S	2	W	9	5	9	W	15.36
NE	7	N	8	NE	5	E	6	Calma	1	E	3	Calma	1	E	4	SE	2	E	8	3	5	N	15.52
E	4	E	6	E	3	E	4	E	4	NE	4	E	5	E	5	SE	2	E	17	5	9	NE	8.59
NE	13	NE	11	NE	12	NE	13	NE	12	E	7	E	2	E	4	E	4	SE E	9	7	19	NE	18.04
NE	14	NE	12	NE	13	NE	13	NE	16	NE	17	NE	18	NE	17	NE	16	NE	22	13	23	NE	20.32
N	15	N	17	NW	21	NW	18	NW	18	NW	13	NW	9	SW	8	SW	9	NW	11	19	31	NW	12.15
NW	6	NW	10	NW	8	N	12	NW	12	NW	16	NW	12	NW	13	NW	11	NW	9	10	20	SW	3.08
NE	8	NE	10	S	7	NE	9	NE	7	NE	6	NE	7	E	3	E	4	NE	17	8	13	NE	12.28
NW	10	NW	4	Calma	0	E	2	E	2	NE	4	NE	2	NE	5	N	10	N	9	7	19	NW	11.20
SW	8	SW	13	SW	14	SW	12	SW	12	SW	15	SW	13	SW	14	SW	13	SW	10	10	23	SW	16.20
SE	8	SE	7	SE	3	SE	4	S	2	S	3	S	5	S	4	S	5	SE	11	10	35	SW	3.49
W	10	W	9	W	7	W	5	W	6	W	6	W	6	W	9	W	7	W	13	6	13	W	13.28
S	6	S	4	S	3	S	4	S	3	S	4	SW	3	SW	3	SW	2	S	14	7	20	SE	12.47
W	16	W	11	W	10	W	9	W	13	W	12	W	12	W	14	W	11	W	14	10	21	W	14.39
W	3	W	3	Calma	0	Calma	1	Calma	0	W	3	NW	3	NW	3	NW	5	W	9	5	13	W	2.44
NW	16	NW	13	NW	9	NW	9	NW	8	NW	10	NW	9	NW	11	NW	12	NW	24	11	27	NW	13.40
SW	14	SW	14	SW	9	SW	11	S	18	S	21	S	19	S	14	S	9	NW	9	15	33	SW	20.28
SE	9	S	10	S	5	S	4	S	4	S	4	Calma	1	S	3	S	2	SE	11	9	29	SE	10.20
W	7	W	6	W	4	W	6	W	2	NW	4	NW	5	NW	3	NW	5	W	9	4	19	W	13.44
N	13	N	10	NE	9	NE	8	NE	7	NE	8	NE	12	NE	12	NE	11	N	9	9	14	NW	13.12
NW	9	W	4	W	3	W	2	W	3	NW	4	NW	4	Calma	1	W	7	NW N	8	8	15	N	0.40
NW	5	NE	6	NE	5	NE	6	N	7	NW	6	NW	11	NW	7	NW	11	W	14	6	9	NW	23.44
W	11	SW	6	W	4	Calma	1	Calma	1	Calma	1	NW	5	NW	3	Calma	0	NW	12	8	16	W	11.52
NE	3	Calma	1	Calma	1	Calma	0	Calma	0	NE	2	N	2	S	2	Calma	0	N	10	4	10	NW	13.36
NE	8	NE	4	E	2	Calma	1	E	2	E	2	Calma	0	E	2	E	2	SW	8	4	11	E	13.40
NE	12	NE	7	NE	6	NE	8	NE	8	NE	9	NE	9	NE	12	NE	10	NE	16	8	21	NE	12.24
S	3	Calma	0	NE	2	NE	2	E	2	NE	2	E	2	SE	2	SE	2	NE	13	4	10	NE	0.00
NE	8	E	6	E	7	NE	9	NE	11	NE	11	NE	10	NE	10	NE	9	NE	15	8	21	NE	12.40
W	10	W	8	W	6	SW	4	SW	5	SW	2	S	6	SE	4	SE	3	NE NW	6	7	11	W	14.25
NE		NE		NE		NE		NE		NE		NW		NE-NW		NE-NW		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
10		8		9		10		8		10		8		6		5		NE	145	8	DIRECCIÓN	DÍA	HORA
	9		8		6		6		6		7		7		7		6				NE	8	de 11.00 a 11.05

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	14	105	5	37											4	46	1	189
2	6	28	15	98											1	3	2	131
3	1	4	3	19	2	4	1	3	1	2	2	7	9	56	3	20	2	117
4	1	8	2	12	8	31	1	2	1	2	4	12	1	2			6	73
5			5	30	17	74	2	7										111
6			5	61	9	65	9	35									1	162
7			22	293	2	10												303
8	7	139	4	83							2	17			11	218		457
9	1	12									6	57	8	85	9	94		248
10	2	12	17	158	2	7			1	7					2	18		202
11	9	66	3	11	3	8									8	94	1	179
12							3	24	2	20	10	126	2	13	7	64		247
13							11	98	10	103	3	53						254
14							1	3	4	13	5	21	13	107			1	145
15							2	21	14	103	6	31	2	17				172
16											9	43	14	173	1	12		228
17							3	12	4	19	2	11	9	73	3	11	3	127
18															24	256		256
19									5	81	5	64	5	83	9	124		352
20							11	118	8	44	4	44					1	207
21									5	17	5	17	9	48	4	17	1	100
22	9	115	7	67											8	34		216
23	8	95											7	37	8	64	1	197
24	1	7	3	17									14	86	6	45		155
25											1	6	7	74	12	97	4	180
26	10	53	2	5					1	2					5	32	6	94
27			2	12	5	10			3	21	8	59					6	106
28			16	179	5	15	2	6									1	201
29	1	3	13	63	2	4	2	4	1	3	1	3	1	3	2	7	1	90
30			15	152	7	32											2	186
31	2	13	6	43			2	7	1	6	3	11	4	35	6	59		174
SUMAS	72	660	145	1340	62	260	50	340	61	443	76	582	105	892	133	1315	40	5859
% PREVAL POR VELOCIDAD	11.3		22.9		4.4		5.8		7.6		9.9		15.2		22.4		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	9		9		4		7		7		8		8		10		1	189

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	4	4	1	2	5	3	6	2
1 - 2	5	4	2	2	1	5	3	6	3
2 - 3	5	5	0	2	2	6	3	6	2
3 - 4	4	5	2	1	3	5	2	7	2
4 - 5	4	4	4	0	5	3	2	6	3
5 - 6	4	5	2	3	3	3	4	7	0
6 - 7	6	3	4	2	3	3	2	5	3
7 - 8	6	4	4	2	2	4	4	3	2
8 - 9	4	7	1	3	2	4	3	6	1
9 - 10	6	5	0	4	2	4	4	5	1
10 - 11	3	6	1	4	2	3	4	7	1
11 - 12	3	5	3	4	1	1	7	7	0
12 - 13	1	5	3	5	0	2	7	8	0
13 - 14	1	5	2	4	2	1	10	6	0
14 - 15	3	5	2	3	3	3	6	6	0
15 - 16	2	10	1	2	2	2	7	5	0
16 - 17	3	8	2	1	2	3	7	3	2
17 - 18	0	9	3	1	3	2	6	4	3
18 - 19	1	10	3	1	2	3	5	2	4
19 - 20	1	8	4	0	4	2	5	3	4
20 - 21	1	10	3	0	4	2	4	6	1
21 - 22	2	7	3	0	3	3	2	8	3
22 - 23	1	6	5	2	4	4	2	6	1
23 - 24	2	5	3	4	4	3	3	5	2
SUMAS	72	145	61	51	61	76	105	133	40
% de frec. por dirección	9.7	19.5	8.2	6.8	8.2	10.2	14.1	17.9	5.4

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	Claro	0	Ci	2	Ci	1	Ci	3	Ci	3	92	99	93
2	St	8	Sc	8	Sc	8	St	8	St	8	3	6	6
3	St	8	St	8	St	8	St	8	St	8	4	6	8
4	Sc	8	Cs	8	Cu 6 Cs 2	8	Sc	7	Sc	8	2	6	5
5	St	8	St	8	St	8	St	8	Sc	8	1	3	7
6	Sc	7	Sc	8	Ci	3	Cu 1 Ci 3	4	As	8	5	5	8
7	St	8	St	8	Sc	8	Sc	8	Ns	8	6	8	7
8	St	8	Sc	8	St	8	Ns	8	Ns	8	8	7	5
9	St	8	Sc	8	Sc	8	Sc	8	St	8	6	7	8
10	Sc	7	Sc	8	Sc	6	Fn	8	Fs 4 Sc 4	8	7	7	3
11	St	8	Ac	5	Cu	3	Sc	3	Sc	8	7	7	6
12	As	8	St	8	Sc.	5	Sc	6	St	8	6	8	8
13	Sc	8	St	8	Sc	8	Claro	0	Claro	0	9	9	9
14	Claro	0	Cu	1	Cu	1	Claro	0	Claro	0	2	9	9
15	Ci	1	Claro	0	Cu 1 Ci 1	2	Ci	1	Claro	0	9	9	9
16	Claro	0	Claro	0	Cu	1	Cu	1	Claro	0	7	9	9
17	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
18	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	8
19	Ac	1	Claro	0	Claro	0	Claro	0	Ci	3	7	8	8
20	Sc	7	Cu	1	Cu	2	Cu	2	Sc	3	8	9	9
21	Sc	3	Cu	3	Cu	2	Cu	1	Claro	0	8	9	8
22	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
23	Ci	2	Cs	6	Ci	2	Ci	6	Claro	0	8	8	9
24	Ci	6	Ci	8	Cs	8	Cs	8	Claro	0	6	7	7
25	Ci	5	Ci	1	Claro	0	Claro	0	Claro	0	5	7	8
26	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	1	8	9
27	Ci	2	Ci	1	Ci	3	Ci	7	Claro	0	6	7	5
28	Niebla	8	Ci	8	Ci	7	Ci	7	Ci	3	0	7	7
29	St	8	St	8	Sc	8	St	8	Claro	0	7	6	2
30	Sc	8	Sc	8	Ac	6	Ac	7	Sc	7	3	5	6
31	Sc	8	St	8	St	8	St	8	Claro	0	4	5	8
Prom.		5		5		4		5		3			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	26.5	10.1	1.33	0	5	4	Ne.
	10	32.6	14.1	1.50	1	5	4	Ne.
	12	37.5	18.7	1.53	1	5	5	
	14	36.6	19.4	1.40	1	5	5	
	15	33.1	18.4	1.20	1	5	5	
2	9				8	0	3	N.,Am.
	10				8	0	3	N.,Am.
	12				8	0	3	N.,Am.
	14				8	0	3	Ne.,Am.
	15				8	0	4	Ne.,Am.
3	9				8	0	3	N.,Am.
	10				8	0	3	N.,Am.
	12				8	0	3	Am.
	14	25.6	17.3	0.67	8	1	4	
	15	16.7	15.3	0.11	8	0	5	
4	9				8	0	2	N.,Am.
	10				8	0	3	N.,Am.
	12	38.5	20.5	1.46	8	2	4	
	14	34.6	20.1	1.18	8	2	4	
	15	24.4	16.5	0.64	8	2	3	Ne.
5	9	14.5	12.6	0.15	8	0	3	N.
	10	17.5	13.5	0.32	8	0	3	Ne.
	12	16.8	14.7	0.17	8	0	3	N.
	14	16.5	14.5	0.16	8	0	3	N.
	15	16.4	14.5	0.15	8	0	3	Ne.
6	9	14.7	11.2	0.28	8	0	4	Ne.
	10	22.0	13.7	0.67	7	1	4	Ne.
	12	37.0	18.0	1.54	8	2	4	Ne.
	14	31.6	16.8	1.20	3	4	4	B.
	15	30.2	15.7	1.18	5	4	4	B.
7	9				8	0	4	Am.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14	20.0	15.6	0.36	8	0	5	
	15				8	0	4	Am.
8	9				8	0	3	Z.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14	15.0	13.5	0.12	8	0	4	
	15				8	0	4	LL.
9	9				8	0	3	Z.
	10				8	0	4	Am.
	12	12.2	9.2	0.24	8	0	5	
	14	20.1	15.2	0.40	8	0	5	
	15	22.2	15.7	0.53	8	0	5	
10	9	15.2	12.9	0.19	8	0	5	
	10	17.0	13.8	0.26	8	0	5	
	12	33.4	19.5	1.13	7	4	5	
	14	37.7	21.0	1.36	6	3	5	
	15				8	0	3	LL.
11	9	37.5	22.3	1.24	5	3	5	
	10	28.9	20.7	0.67	7	1	5	
	12	35.4	24.2	0.91	7	1	5	
	14	42.9	27.0	1.29	3	3	5	
	15	38.0	25.7	1.00	1	5	5	
12	9	16.9	16.0	0.07	8	0	3	Ne.
	10	21.0	16.0	0.41	8	0	5	
	12	29.3	19.3	0.81	7	1	5	
	14	32.8	22.3	0.85	5	2	5	
	15	24.5	18.4	0.50	7	0	5	
13	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	5	Z.
	14	14.4	9.9	0.36	8	0	5	
	15	12.0	9.5	0.20	8	0	5	
14	9	28.3	10.8	1.42	0	5	5	
	10	32.4	13.2	1.56	0	5	5	
	12	34.6	15.7	1.54	1	5	5	
	14	29.8	15.5	1.16	1	5	5	
	15	25.0	15.5	0.77	1	3	5	
15	9	25.1	10.1	1.22	0	5	5	
	10	31.4	12.5	1.54	1	5	5	
	12	34.5	15.0	1.58	2	5	5	
	14	31.9	15.0	1.37	2	4	5	Js.
	15	14.5	9.7	0.39	6	0	5	
16	9	27.3	9.5	1.45	0	5	5	
	10	32.0	12.6	1.58	0	5	5	
	12	34.9	15.9	1.54	0	5	5	
	14	35.0	16.2	1.53	1	5	5	
	15	31.6	15.3	1.32	1	3	5	
17	9	28.0	10.6	1.41	0	5	5	
	10	32.7	13.4	1.57	0	5	5	
	12	37.0	16.7	1.65	0	5	5	
	14	36.7	17.6	1.55	0	5	5	
	15	34.2	16.5	1.44	0	5	5	
18	9	27.6	10.6	1.38	0	5	5	
	10	33.6	14.9	1.52	0	5	5	
	12	38.5	19.0	1.58	0	5	5	
	14	37.4	20.0	1.41	0	5	5	
	15	35.1	13.9	1.72	0	5	5	
19	9	28.5	12.5	1.30	0	5	5	
	10	33.0	14.6	1.50	0	5	5	
	12	36.5	17.9	1.51	0	5	5	
	14	37.4	19.1	1.49	0	5	5	
	15	33.4	17.0	1.33	0	5	5	
20	9	26.4	9.3	1.39	1	5	5	
	10	28.4	10.7	1.44	1	3	5	
	12	-	-	-	-	-	-	s/R.
	14	34.6	13.4	1.72	2	3	5	
	15	25.6	10.7	1.21	3	3	5	
21	9	26.5	8.2	1.49	0	5	5	
	10	31.5	16.5	1.22	1	5	5	
	12	28.2	12.4	1.28	3	3	5	
	14	34.6	13.9	1.69	2	5	5	
	15	29.7	12.0	1.44	2	5	5	
22	9	26.8	8.9	1.46	0	5	5	
	10	30.4	11.1	1.57	0	5	5	
	12	34.0	14.0	1.63	0	5	5	
	14	32.0	15.4	1.35	0	5	5	
	15	29.5	14.0	1.26	0	5	5	
23	9	26.5	14.0	1.01	3	5	5	
	10	32.6	12.5	1.63	2	5	5	
	12	35.0	14.7	1.65	2	5	5	
	14	35.0	17.0	1.46	2	5	5	
	15	32.7	15.9	1.36	2	5	5	
24	9	24.9	10.5	1.17	6	2	4	
	10	34.0	14.6	1.60	5	5	4	
	12	36.0	18.0	1.46	8	4	4	
	14	28.8	16.6	0.99	8	2	4	
	15	20.8	14.8	0.49	8	2	4	
25	9	28.3	11.6	1.36	7	4	4	B.,Js.
	10	34.7	16.0	1.52	2	4	5	
	12	39.5	20.5	1.54	0	5	5	
	14	38.6	21.6	1.38	0	5	5	
	15	35.8	20.3	1.26	0	5	5	
26	9	30.2	13.4	1.39	0	5	3	Ne.
	10	37.0	17.6	1.58	0	5	4	B.
	12	41.4	21.6	1.61	0	5	4	B.
	14	40.7	22.8	1.46	0	5	5	
	15	37.4	21.4	1.30	0	5	5	
27	9	32.7	15.0	1.44	5	5	5	
	10	36.6	17.8	1.53	1	5	5	
	12	37.9	18.8	1.55	1	5	5	
	14	37.9	21.4	1.34	3	4	5	
	15	35.3	19.9	1.25	3	4	5	
28	9	26.5	18.0	0.69	8	4	3	B.,Js.
	10	29.9	18.4	0.92	7	4	4	Js.
	12	35.3	18.0	1.41	6	4	5	Js.
	14	36.9	28.9	0.65	7	4	5	
	15	31.2	16.7	1.18	6	4	5	
29	9	17.0	12.5	0.36	7	0	4	B.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14	32.0	19.5	1.02	8	1	4	
	15				8	0	4	Z.
30	9	19.5	16.5	0.24	8	0	5	
	10	25.0	19.0	0.49	8	0	5	
	12	27.0	16.2	0.88	7	1	5	
	14	26.4	17.1	0.76	6	0	4	B.
	15	30.0	18.1	0.97	8	1	3	B.
31	9	18.4	15.7	0.22	8	0	3	Ne.
	10	22.4	17.9	0.36	8	0	4	Ne.
	12	26.3	20.6	0.44	8	0	4	Ne.
	14	22.8	20.5	0.19	8	0	4	
	15	22.0	20.0	0.16	8	0	4	Ne.

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			0.1	0.7	1.0	1.0	1.0	1.0	1.0	11.0	1.0	0.5			8.3	9.8	85
2															0.0	9.8	00
3															0.0	9.8	00
4						0.2	1.0	1.0	0.8		0.1				3.1	9.8	32
5															0.0	9.8	00
6				0.3		0.3	1.0	1.0	1.0	1.0	0.8				5.4	9.8	55
7															0.0	9.9	00
8								0.3	0.1						0.4	9.9	04
9										0.1					0.1	9.9	01
10							0.5	0.8	0.9	0.1					2.3	9.9	23
11					0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.4			7.0	9.9	70
12							0.4	0.9	1.0	0.9	0.6				3.8	9.9	38
13									0.3						0.3	9.9	03
14				0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			8.3	9.9	83
15			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			9.0	9.9	90
16			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.5	9.9	95
17			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.0	96
18			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.9	10.0	89
19			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.1	10.0	91
20				0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2			7.6	10.0	76
21			0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9			9.1	10.0	91
22			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.4	10.0	93
23			0.7	0.9	1.0	0.8	0.9	1.0	1.0	1.0	0.9	0.7			8.9	10.1	88
24			0.6	1.0	1.0	1.0	1.0	1.0	0.8	0.2					6.6	10.1	65
25			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.1	10.1	90
26			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.2	10.2	90
27			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.3	10.2	91
28			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.3	10.2	81
29					0.2				0.2						0.5	10.2	05
30						0.7	0.7	0.9	0.3	0.7	0.1				3.4	10.3	33
31															0.0	10.3	00
Medias			0.2	0.5	0.5	0.6	0.7	0.7	0.7	0.6	0.6	0.3			5.4	10.0	54

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	7.8	10.8	10.5	7.6	9.3	10.5	7.9	8.0	8.7	9.0	8.7	9.0	11.9	11.7	11.7
2	9.8	10.7	11.2	9.2	9.8	10.4	8.7	8.6	9.0	9.4	9.2	9.4	11.8	11.8	12.0
3	11.3	12.2	12.0	10.7	10.7	10.4	9.6	9.8	11.4	9.9	10.0	10.3	12.1	12.1	12.4
4	12.4	14.0	13.6	11.5	12.5	12.7	10.4	10.6	11.2	10.7	10.5	11.0	12.7	12.8	12.9
5	12.9	13.4	13.6	12.0	12.5	12.0	11.0	11.0	11.4	11.2	11.2	11.3	13.2	13.2	13.3
6	12.5	13.6	11.2	11.8	12.5	12.4	11.0	11.0	11.4	11.4	11.3	11.4	13.4	13.4	13.4
7	12.5	13.8	13.9	11.9	12.7	12.9	11.0	11.2	11.4	11.4	11.4	11.6	13.5	13.5	13.6
8	13.8	13.8	13.4	12.9	13.0	12.7	11.7	11.6	11.5	11.8	11.8	11.8	13.8	13.8	13.8
9	12.9	13.6	13.9	12.4	12.7	12.9	11.3	11.4	11.7	11.9	11.9	11.9	13.8	13.8	13.8
10	12.9	14.4	14.6	12.3	13.0	13.8	11.4	11.5	12.0	11.8	11.8	12.2	13.8	13.9	14.0
11	14.5	17.2	17.0	13.7	15.1	15.6	12.3	12.8	13.4	12.4	12.5	13.1	14.2	14.3	14.5
12	16.4	17.0	16.0	15.2	15.7	15.1	13.6	13.7	13.6	13.5	13.5	13.5	14.9	15.0	15.0
13	13.4	13.3	12.9	13.3	12.9	12.6	12.9	12.3	12.0	13.4	12.9	12.7	15.3	15.1	14.9
14	12.0	13.4	11.1	11.5	12.5	12.1	11.3	11.3	11.5	12.0	11.9	12.1	14.5	14.3	14.2
15	10.3	12.2	11.8	10.2	11.3	11.0	10.4	10.3	10.0	11.4	11.1	11.0	14.0	13.9	13.8
16	9.1	11.3	10.8	9.1	10.4	10.4	9.4	9.4	9.8	10.6	13.2	10.5	13.4	13.0	13.1
17	8.2	11.6	10.8	9.1	10.4	10.4	9.1	9.2	9.6	10.1	10.0	10.1	12.9	12.8	12.6
18	8.7	11.6	9.3	8.6	10.3	9.0	8.7	11.0	10.1	9.9	11.7	10.5	12.4	12.5	12.5
19	9.9	12.1	11.4	9.5	10.9	10.8	9.2	9.4	9.8	10.0	9.9	10.2	12.5	12.5	12.5
20	9.4	10.6	10.0	9.4	10.0	9.5	9.2	9.1	8.8	10.6	9.8	9.0	12.5	12.5	12.5
21	9.0	11.0	9.6	8.8	10.0	9.5	8.9	8.9	9.2	9.6	9.5	9.8	12.2	12.2	12.1
22	7.2	9.9	9.2	7.3	8.7	8.9	7.9	6.6	8.3	9.0	8.8	9.0	12.0	11.8	11.7
23	7.4	10.3	9.6	7.3	9.0	9.1	7.6	7.8	8.3	8.7	8.5	8.8	11.6	11.5	11.4
24	7.6	10.8	10.3	7.4	9.4	9.6	7.6	7.8	8.4	8.6	8.4	8.8	11.3	11.3	11.3
25	8.3	11.4	10.9	8.2	10.0	10.3	8.0	8.3	9.1	8.9	8.8	9.1	11.4	11.4	11.4
26	8.5	12.1	11.4	8.3	10.3	10.7	8.4	8.6	9.5	9.1	9.0	9.5	11.6	11.6	11.6
27	9.0	12.3	8.8	8.8	10.7	10.7	8.6	9.5	9.6	9.4	9.3	9.4	11.8	11.8	11.8
28	8.1	10.9	10.5	8.1	9.7	9.9	8.3	8.5	9.0	9.4	9.1	9.3	11.8	11.8	11.7
29	10.0	12.0	12.1	9.5	10.5	11.0	8.6	9.0	9.6	9.3	9.3	9.7	11.7	11.7	11.8
30	10.6	13.4	13.3	10.9	12.0	12.3	9.8	10.1	10.5	12.0	12.2	12.3	11.5	11.6	11.8
31	13.3	14.8	15.2	12.2	11.3	13.9	10.9	11.2	11.9	10.9	11.1	11.5	12.7	12.9	13.0
Prom.	10.6	12.6	11.9	10.3	11.3	11.4	9.8	10.0	10.4	10.6	10.6	10.6	12.8	12.8	12.8

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	0.0	1.0	0.7	1.8	L.1	22.0	20.5	22.3			8593
2	0.0	0.2	0.0	0.0	2	0.1	0.1	0.2	0.5							8596
3	1.2	2.0	0.0	0.0	2	0.2	0.1	0.0	0.2							8590
4	0.0	0.0	0.0	0.0	2	0.1	0.3	0.2	0.8							8600
5	0.0	0.0	0.0	0.0	1	0.3	0.2	0.1	0.5							8610
6					1	0.2	0.4	0.6	1.2	-	-	-	-			8612
7	0.5	0.7	0.0	0.0	2	0.2	0.3	0.3	1.5							8613
8	3.2	4.3	2.7	3.4	2	0.9	0.4	0.2	0.7							8615
9	4.4	5.1	4.0	2.7	2	0.1	0.2	0.3	0.8							8602
10	0.0	0.0	0.0	0.0	2	0.3	0.5	0.1	0.7							8616
11	27.7	28.6	27.5	25.7	2	0.1	0.8	0.6	2.0	L.2	23.1	22.5	23.1	24.0		8506
12					1	0.6	0.3	0.3	1.0							8519
13					1	0.4	0.6	0.3	1.1							8504
14	0.0	0.0	0.0	0.0	0	0.2	0.8	0.5	1.6							8512
15					0	0.3	0.6	0.3	1.0							8515
16					0	0.1	1.0	1.1	2.5	L.3	22.7	20.2	24.8			8525
17					0	0.4	0.8	0.6	1.7							8525
18					0	0.3	1.2	1.3	3.1							8545
19					0	0.6	1.1	0.7	2.4							8546
20					0	0.6	1.1	0.6	2.0							8569
21					0	0.3	0.7	0.6	1.4	L.4	21.5	18.8	22.8			8587
22					0	0.1	1.1	0.7	2.4							8595
23					0	0.6	0.9	0.7	1.8							8593
24					0	0.2	1.0	0.5	1.7							8609
25					0	0.2	1.2	0.9	2.2							8615
26					0	0.1	1.1	0.6	1.9	L.5	18.2	18.4	23.5			8622
27					0	0.2	1.3	0.9	2.3							8628
28					0	0.1	1.4	0.9	2.8							8635
29					0	0.5	0.4	0.1	0.6							8637
30					0	0.1	0.5	0.2	0.9							8642
31					0	0.2	0.3	0.2	0.7	L.6	16.1	17.7	24.0	22.3	19.2	8642
Prom.	37.0	40.9	34.2	31.8	-	0.3	0.7	0.5	1.5	-	-	-	-	-	-	8565

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		
11.6	11.5	11.3	13.5	13.2	13.8	17.8	18.8	- 5.0	Ca. m.t. y n., h. m., N. m., Ns. n.
11.3	11.5	11.4	13.7	13.6	13.5	17.6	18.8	- 0.5	Cn. m.t. y n.,h.m., r. m.,Ne. m. y t., Z. n.
11.5	11.7	11.7	13.6	13.7	13.5	17.5	18.8	7.8	Cn. m. t. y n., Ne. m., Z. t.
12.1	12.1	12.2	13.6	13.6	13.7	17.5	18.8	6.2	Cn. m.t. y n., r. m. y n.
12.5	12.5	12.6	13.7	13.8	13.8	17.5	18.7	6 9	Cn. m. t. y n., N. m. y t., r. m. y n.
12.7	12.7	12.8	13.8	13.8	13.7	17.4	18.7	1.9	Cn. m. y n., Ca. t., r. m.
12.9	12.9	12.7	13.9	14.0	13.9	17.7	18.6	5.4	Cn. m. t. y n., CH.LL. n.
13.1	13.1	13.1	14.0	14.0	14.0	17.2	18.6	11.9	Cn. m. t. y n., Z. t., LL. n.
13.1	13.3	13.2	14.0	14.1	14.1	17.2	18.7	4.9	Cn. m. t. y n., Z. t., r. n.
13.2	13.2	13.2	14.1	14.3	14.0	17.1	18.5	5.5	Cn. m. t. y n., r. m., Ru.LL. t., N. n.
13.4	13.6	13.5	14.2	14.2	14.3	16.7	18.0	11.4	Cn. m. y n., Ca. t., R.r. n.
14.0	14.2	14.1	14.3	14.3	14.3	16.8	18.3	12.8	Cn. m. t. y n., r. n.
14.3	14.3	14.2	14.4	14.4	14.3	16.9	18.3	4.6	Cn. m. y t., Ca. n., Z. t.
14.0	14.5	13.7	14.3	14.4	14.3	16.8	18.3	- 0.5	Ca. m. t. y n., N. m., r. n.
13.6	13.5	13.5	14.2	14.3	14.3	16.8	18.3	- 1.4	Ca. m. t. y n., h. m., r. m. y n., Js. t.
13.1	13.1	13.1	13.9	14.2	14.1	16.8	18.3	- 3.9	Ca. m. t. y n., h. m., r. n.
12.6	12.5	12.4	14.0	14.1	14.0	16.8	18.2	- 1.6	Ca. m. t. y n., r. m. y n.
12.2	12.2	12.2	13.7	13.7	13.7	16.8	18.2	1.0	Ca. m. t. y n., h. m., r. m. y n.
12.2	12.2	12.2	13.6	13.6	13.6	16.7	18.2	0.0	Ca. m. t. y n., r. m. y n.
12.2	12.2	12.2	13.6	13.6	13.6	16.7	18.2	0.0	Cn. m. y n., Ca. t., r. m. y n.
12.0	12.1	11.8	13.4	13.5	13.4	16.8	18.1	- 2.2	Ca. m. t. y n., h.r. m. y n.
11.8	11.2	11.9	13.3	13.4	13.3	16.7	18.0	- 8.1	Ca. m. t. y n., h. m., r. n.
11.3	11.3	11.1	13.2	13.1	13.1	16.6	18.0	-	Ca. m. t. y n., h. m., r. n.
11.1	11.1	11.0	13.0	13.1	13.0	16.6	18.0	- 4.0	Cn. m. y t., Ca. n., h. m., r. m. y n.
11.2	11.2	11.1	12.8	12.8	12.8	16.6	18.0	- 3.1	Cn. m.,Ca. t.y n.,h.Ne. m., r. m. y n.
11.2	11.2	11.2	12.8	12.7	12.8	16.6	18.0	- 3.7	Ca. m. t. y n., N.h. m., r. n.
11.3	11.4	11.3	12.6	12.8	12.8	16.6	17.9	- 2.6	Ca. m. t. y n., h. m.,r.Ne. m. y n.
11.5	11.5	11.3	12.4	12.7	12.6	16.5	17.9	- 8.2	Cn. m. y t., Ca. n., h.N. m., r. n.
11.3	11.4	11.4	12.7	12.8	12.7	16.5	17.9	0.5	Cn. m. t. y n., B. t., N.r. n.
11.5	11.6	11.8	12.7	12.7	12.7	16.6	17.9	4.9	Cn. m. t. y n., r. m., B. t.
12.1	12.2	12.3	13.0	12.8	12.8	16.8	17.8	9.9	Cn. m. y t., Ca. n.
12.3	12.4	12.3	13.6	13.6	13.6	16.9	18.3	1.7	

LORES medios y absolutos decádicos y mensuales

	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		%
	61.0	70.7	1	0	54.2	8	21	11.7	15.0	8.8	17.8	10	14	1.8	1	3,8	2.0	9.8	20
	61.8	70.7	20	23,24	51.1	12	2,3	8.9	14.2	5.0	23.6	11	15	0.5	15	23,24	7.3	9.9	73
	64.1	70.7	21	1,2	55.8	31	14	8.7	15.4	3.1	20.0	31	14,15	-2.6	22	6-7	6.7	10.2	66
S	62.3	70.7	-	-	51.1	12	2,3	9.7	14.8	5.5	23.6	11	15	-2.6	22	6-7	5.4	10.0	54

	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	90	99	2-4,6, 9,10	47	1	9.1	12.5	4.8	NE	10	48	8	27	8	11-12	31	NE	10	12.28	12.3	5.1	9	1.2	8	15-16
2ª	80	100	14,16	32	18	6.9	16.0	3.4	NW	11	36	18	23	13	2-4	35	SW	13	3.49	28.6	28.6	11	9.0	10	17-18
3ª	81	100	21-28	33	27	6.8	15.4	3.4	NE	8	36	28	20	28	12-13	21	NE	28 30	12.24 12.40	-	-	-	-	-	-
ES	84	100	14,16, 21-28	32	18	7.6	16.0	3.4	NE	9	48	8	27	8	11-12	35	SW	13	3.49	40.9	28.6	11	9.0	10	17-18

RECUENCIAS 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	-	1	5	4	1	-	-	3	4	-	1	-	-	-	-	1	-
2ª	-	-	1	1	-	-	-	1	1	-	-	-	-	-	-	-	1
3ª	-	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1
MES	-	6	8	8	1	-	-	4	5	-	1	-	-	-	-	1	2

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Gencellada blanda	Gencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	-	-	-	-	-	-	6	4	-	-	-
2ª	9	-	-	-	-	-	-	1	-	-	-	10	-	-	-	-
3ª	9	-	-	-	-	-	-	-	-	-	-	10	1	3	-	-
MES	24	-	-	-	-	-	-	1	-	-	-	26	5	3	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV AGOSTO 1949 Nº. 8

RESUMEN MENSUAL

El pasaje de un frente frío el día 1º, no interrumpe mayormente el tiempo nublado y húmedo con temperaturas elevadas, que se registra ya en los últimos días del mes anterior y que se mantiene también en los primeros 4 días del presente. Una extensa masa de aire frío avanza rápidamente desde la Patagonia y llega al Observatorio el 4 por la tarde. Pero aún este empuje de aire frío no cambia la situación en general y 2 días después hay otra vez una corriente del Norte y temperaturas que alcanzan casi 20.0°C. Sólo un nuevo frente frío que atraviesa el Observatorio en la madrugada del 8, establece por algunos días condiciones invernales. En este aire muy frío y seco, marcan los distintos elementos sus valores extremos. El día 9 el promedio de la temperatura es solamente de 1.9°C, lo que representa casi diez grados bajo el nivel normal. También la tensión del vapor y la humedad relativa alcanzan con 2.0 mm y 30% respectivamente, sus valores mínimos mensuales, mientras en la noche del 9 al 10, la presión atmosférica sube a su máximo mensual con 776.8 mm. En la madrugada de este día la temperatura baja hasta -3.5°C, siendo éste el valor mínimo anual y el día 11, registra la temperatura mínima del suelo con -9.0°C.

Este tiempo frío se mantiene sin mayores modificaciones durante toda la segunda década. Aunque algunas veces cambia la dirección del viento del S al N ó E, la temperatura se encuentra casi constantemente bajo el nivel normal. El cambio del viento provoca sólo un aumento considerable de la nubosidad, de modo que 6 días de esta década están completamente cubiertos.

Un cambio completo de la situación sinóptica general, se nota después del pasaje de un frente frío que atraviesa el Observatorio con ráfagas de hasta 60 Km/h el día 22. Durante el tiempo despejado de los días siguientes, la temperatura aumenta lentamente por el efecto de la fuerte insolación solar. El aumento de la temperatura se acelera por el cambio del viento al N, en el día 25. Este aporte de aire cálido y húmedo se acentúa aún más en la segunda mitad de la década. El 28, el Observatorio se encuentra en aire tropical por lo cual la humedad y nubosidad son muy altas. El día 24 la temperatura registra 26.9°C y la tensión del vapor 15.6 mm, que representan los valores máximos mensuales. Durante los dos últimos días del mes, cae casi la totalidad de la lluvia mensual, encontrándose el Observatorio en una zona frontal entre este aire tropical y un aire polar marítimo.

Excepto la lluvia, cuya intensidad es en este mes muy deficiente, los otros elementos no varían mucho de sus términos medios y se nota sólo una pequeña desviación negativa de los elementos que caracterizan la humedad.

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	46	60	44	42	40	24	62
9	46	46	42	42	36	44	38	48	105	98	135	121	98	85	96
10	48	50	46	46	40	50	71	75	91	126	94	89	98	94	94
11	54	42	50	42	42	73	42	62	46	2	22	50	56	50	75
12	42	30	36	58	44	58	78	78	38	69	91	94	87	98	∞
13	26	24	50	-	-	-	-	-	32	28	36	54	69	62	42
14	52	46	44	42	42	44	46	54	58	54	52	42	46	46	48
15	∞	91	158	62	85	54	80	71	64	82	54	60	71	78	85
16	42	34	24	32	36	20	32	40	34	83	73	69	54	54	44
17	66	44	38	43	43	49	59	58	46	63	66	76	73	66	43
18	10	20	20	33	28	16	26	25	27	25	42	39	28	25	5
19	14	23	17	28	17	12	22	27	34	39	17	-14	-48	-12	-23
20	44	46	46	46	48	52	50	58	40	33	32	31	24	23	33
21	28	30	28	27	28	29	29	32	46	49	46	39	36	34	34
22	66	50	42	-16	-22	36	-30	14	24	-104	-130	-140	-110	-106	-67
23	82	71	62	69	66	71	75	110	44	32	69	71	38	-10	-37
24	60	58	58	62	62	64	75	101	66	89	98	75	64	7	65
25	38	34	37	40	37	42	37	35	20	8	20	34	38	38	40
26	30	27	28	34	29	33	37	34	20	42	41	44	53	43	43
27	12	16	8	14	8	7	7	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	28	34	38	34	26	32	26	18	18	9	18	26	14	26	38
30	-	-	-	-	-	-	-	-	-	89	±∞	±∞	54	54	62
31	-	-	-	-	-	-	-	-	50	±∞	±∞	-	-	-	±∞
Prom.	47.0	41.2	37.7	40.5	39.7	41.3	49.2	53.2	48.2	66.7	59.7	58.5	58.0	54.3	50.8

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	-	-	-	-	6.27	10.29	16.56	0.61	0.69	1.03	1.72	0.67	0.94	0.95	1.89	0.99
2	-	-	-	-	3.53	3.82	7.35	0.94	0.23	0.25	0.48	0.92	0.66	0.73	1.39	0.90
3	-	-	-	-	-	-	-	-	0.68	0.55	1.23	1.24	0.69	0.50	1.19	1.38
4	-	-	-	-	7.32	8.08	15.40	0.91	0.69	0.83	1.52	0.83	0.90	0.96	1.86	0.94
5	2.91	3.11	6.02	0.93	6.64	7.42	14.06	0.90	0.36	0.32	0.68	1.12	0.72	0.92	1.64	0.78
6	7.00	15.31	22.31	0.46	8.73	9.66	18.39	0.91	0.71	0.71	1.42	1.00	0.99	1.18	2.17	0.84
7	-	-	-	-	-	-	-	-	0.63	0.74	1.37	0.85	0.47	0.59	1.06	0.80
8	-	-	-	-	7.65	18.74	26.39	0.41	0.83	1.01	1.84	0.82	1.42	1.52	2.94	0.93
9	-	-	-	-	10.00	8.47	18.47	1.18	0.26	0.40	0.66	0.65	0.60	0.83	1.43	0.72
10	10.50	10.13	20.63	1.03	6.49	6.35	12.84	1.02	0.50	0.92	1.42	0.54	0.69	0.69	1.38	1.00
11	7.03	6.55	13.58	1.07	4.15	4.38	8.53	0.93	0.85	0.82	1.67	1.04	0.54	0.62	1.16	0.87
12	3.31	8.79	12.10	0.38	-	-	-	-	0.22	0.40	0.62	0.55	0.43	0.62	1.05	0.68
13	-	-	-	-	-	-	-	-	1.26	0.40	1.66	3.15	0.36	0.42	0.78	0.86
14	-	-	-	-	-	-	-	-	0.99	1.29	2.28	0.77	1.10	1.52	2.62	0.72
15	7.58	9.39	16.97	0.82	3.52	3.33	6.85	1.04	0.75	1.03	1.78	0.73	0.41	0.44	0.85	0.93
16	2.56	4.19	6.75	0.62	5.09	4.77	9.86	1.06	0.61	0.61	1.22	1.00	0.64	0.59	1.23	1.08
17	2.93	6.69	9.62	0.44	2.62	5.52	8.14	0.48	0.24	0.26	0.50	0.92	0.21	0.24	0.45	0.88
18	-	-	-	-	-	-	-	-	0.46	0.49	0.95	0.94	0.78	0.74	1.52	1.05
19	-	-	-	-	-	-	-	-	0.58	0.80	1.38	0.72	1.34	1.35	2.69	0.99
20	9.20	5.75	14.95	1.57	10.02	9.28	19.30	1.09	0.84	0.80	1.64	1.05	1.18	1.08	2.26	1.09
21	9.35	11.63	20.98	0.79	8.41	8.03	16.44	1.05	1.36	1.11	2.47	1.22	0.76	1.02	1.78	0.74
22	13.78	3.92	17.70	3.52	10.53	8.16	18.69	1.29	0.77	0.70	1.47	1.10	1.26	1.26	2.52	1.00
23	6.11	5.60	11.71	1.11	15.66	11.92	27.58	1.32	0.85	0.79	1.64	1.08	1.48	1.46	2.94	1.01
24	4.98	5.69	10.67	0.87	3.76	3.91	7.67	0.94	0.70	0.68	1.38	1.03	0.50	0.50	1.00	1.00
25	5.86	8.02	13.88	0.73	6.26	5.74	12.00	1.09	0.80	1.04	1.84	0.77	0.85	0.72	1.57	1.18
26	6.41	4.40	10.81	1.44	7.20	7.20	14.40	1.00	0.46	0.46	0.92	1.00	0.95	0.90	1.85	1.06
27	-	-	-	-	6.16	6.65	12.81	0.93	0.67	0.50	1.17	1.34	0.68	0.48	1.16	1.42
28	-	-	-	-	-	-	-	-	0.61	0.56	1.17	1.09	0.92	0.83	1.75	1.10
29	-	-	-	-	5.82	2.57	8.39	2.29	0.62	0.52	1.14	1.19	0.35	0.39	0.74	0.90
30	-	-	-	-	-	-	-	-	0.44	0.30	0.74	1.47	0.62	0.58	1.20	1.07
31	-	-	-	-	-	-	-	-	0.11	0.10	0.21	1.10	0.09	0.11	0.20	0.82
Prom.	6.63	7.28	13.91	1.05	6.94	7.35	14.29	1.01	0.64	0.66	1.30	1.03	0.76	0.80	1.56	0.96

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
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
- 7	78	62	66	71	62	62	56	50		149	-∞	-	2*
91	101	-	-	-	56	48	54	48		162	- 9	171	1*
66	71	44	117	123	94	26	56	66	74.0	263	-91	354	1
50	38	46	71	107	117	85	64	54		201	-41	242	2
-28	71	52	9	18	46	54	34	30		256	-∞	-	3*
34	42	42	34	30	46	60	64	50		∞	-∞	-	3*
54	60	87	71	71	96	185	153	89	65.9	265	-81	346	1
69	80	78	91	75	66	78	66	60		∞	-∞	-	2*
48	52	54	80	78	62	112	103	85	56.0	194	-14	208	1
28	22	19	36	48	24	27	28	17	45.1	100	- 4	104	1
19	42	30	29	24	22	25	17	8		85	-31	116	2
-11	10	17	34	-	16	-	-	29		∞	-∞	-	3*
34	33	29	45	34	32	33	28	31	37.7	65	7	58	0
34	40	36	37	65	∞	∞	67	∞		∞	-10	-	3*
34	58	75	62	54	58	64	91	60		117	-∞	-	2
- 4	32	46	50	69	44	52	71	62		210	-231	441	2
44	107	208	201	80	60	60	75	62		265	-218	483	2
42	59	95	48	17	43	55	45	41		∞	-42	-	2
40	15	29	36	41	25	25	21	12	32.6	79	-20	99	1
-	-	-	-	-	-	-	-	-		-	-	-	-
46	103	112	78	54	56	52	46	42		-	-	-	-
40	46	50	-	-	-	-	-	-		∞	-25	-	2*
46	62	-	-	-	-	-	-	-		∞	-∞	-	-
-	-	-	-	26	14	36	38	18		-	-	-	-
45.0	42.2	43.7	64.2	55.8	55.5	68.0	64.8	50.0	51.9				

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^-
-	-	-	-	-	1155	230	1385	5.02	3.04	0.85
-	-	-	-	-	339	368	707	0.92	-	-
-	-	-	-	-	1100	283	1383	3.89	2.68	-
-	-	-	-	-	570	1289	1859	0.45	-	0.92
-	-	-	-	-	920	1419	2339	0.65	1.08	1.03
-	-	-	-	-	855	1165	2020	0.73	2.15	0.86
-	-	-	-	-	1104	1136	2240	0.97	0.36	0.32
42	46	-35	2.82	-3.43	226	614	840	0.37	2.40	0.97
135	128	87	2.82	4.15	1406	1077	2483	1.30	1.12	0.16
89	87	71	4.12	3.27	737	1044	1781	0.71	-	0.57
28	44	52	2.45	2.01	1044	792	1836	1.32	-	0.45
80	89	64	1.84	2.24	283	553	836	0.51	-	-
36	46	34	2.54	0.88	916	509	1425	1.80	2.59	1.06
58	42	56	3.19	4.89	796	1165	1961	0.68	0.46	1.01
56	54	80	3.20	2.27	981	853	1834	1.15	1.00	0.86
64	73	46	2.97	1.89	454	855	1309	0.53	0.40	2.30
73	74	26	1.23	0.39	124	341	465	0.36	-	1.08
42	40	37	1.27	1.87	454	1467	1921	0.31	-	-
16	-22	- 5	-1.01	-0.45	670	849	1519	0.79	-	0.42
34	35	35	1.92	2.64	1251	1469	2720	0.85	1.11	0.26
45	39	34	1.91	2.02	1104	832	1936	1.33	0.36	-
-137	-137	54	-6.71	4.54	1419	1348	2767	1.05	0.86	1.46
69	73	26	3.99	2.55	981	1194	2175	0.82	0.41	0.46
107	85	36	3.91	1.20	872	1037	1909	0.84	0.07	1.51
28	23	34	1.41	1.78	920	1251	2171	0.74	0.81	0.72
40	42	40	1.29	2.47	853	1104	1957	0.77	0.65	1.97
-	-	-	-	-	553	452	1005	1.22	-	-
-	-	69	-	4.61	454	675	1129	0.67	-	0.29
14	24	42	0.91	1.04	1224	1194	2418	1.02	1.62	2.60
-	-	52	-	2.08	285	731	1016	0.39	1.91	1.87
-	-	-	-	-	859	226	1085	3.80	2.29	-
46	44	42	1.80	2.04	803	888	1691	1.16	1.30	1.00

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	59.0	59.1	59.1	59.2	60.1	60.4	60.8	61.6	61.9	62.3	62.2	62.0	61.9	61.9	62.0
2	65.6	65.6	65.5	65.5	65.4	65.6	65.6	65.7	66.0	65.9	65.9	65.5	64.6	63.9	63.6
3	62.2	61.6	61.1	60.3	60.0	59.8	59.3	59.8	59.4	59.1	58.7	58.0	57.0	56.6	56.0
4	55.6	55.8	55.4	55.3	55.4	55.4	56.6	56.2	57.4	57.3	57.4	57.4	57.0	56.1	56.3
5	62.5	62.7	62.9	63.2	63.3	63.8	64.5	64.7	65.1	65.1	64.9	64.1	63.6	63.0	62.5
6	63.3	63.0	62.7	62.5	62.5	62.5	63.0	63.0	63.4	63.6	63.6	62.9	62.2	61.5	61.2
7	59.0	58.6	58.3	57.9	57.6	57.1	57.1	56.9	56.8	56.9	56.8	56.0	54.8	53.9	52.8
8	52.7	52.5	52.0	52.7	53.2	54.8	55.6	56.4	56.8	57.4	58.4	58.6	58.8	60.2	61.2
9	71.1	71,6	71.7	71.7	71.9	72.4	72.9	73.6	74.0	74.9	75.1	75.2	75.0	75.2	75.2
10	76.6	76.5	76.4	76.2	76.0	75.9	75.8	75.7	75.7	75.8	75.5	74.5	73.4	72.4	71.8
11	70.6	70.0	69.6	69.2	68.8	69.5	69.6	69.0	69.2	69.0	68.8	67.7	66.2	65.4	64.9
12	63.5	62.0	62.3	63.0	62.1	62.2	62.2	62.4	62.5	62.8	61.4	60.4	59.8	60.0	59.0
13	57.0	56.7	56.6	56.6	56.6	56.4	56.8	57.0	57.1	57.1	56.7	56.1	55.4	55.3	55.0
14	58.7	59.0	59.7	60.7	61.4	61.9	63.0	63.2	63.9	64.5	64.8	64.9	64.8	64.7	65.0
15	66.2	66.2	65.9	65.2	64.7	64.4	64.5	64.4	64.1	63.7	62.6	61.6	60.7	59.8	59.0
16	59.4	59.3	59.2	59.0	59.2	59.3	59.8	59.9	60.1	60.4	60.7	60.4	60.0	59.8	59.6
17	61.5	61.5	61.5	61.4	61.3	61.0	61.2	61.3	61.2	61.2	61.0	60.7	59.9	59.0	58.6
18	58.2	57.6	57.5	57.1	57.3	57.7	57.8	57.9	58.1	58.1	57.7	57.8	57.2	57.0	56.8
19	58.8	58.0	58.1	58.2	58.2	58.5	59.6	59.6	59.0	59.0	58.6	58.3	57.7	57.4	56.6
20	58.0	57.7	57.1	57.6	57.0	58.0	58.5	58.7	58.8	59.3	58.9	58.9	58.1	58.1	58.2
21	62.2	62.2	62.1	62.3	62.7	63.8	64.6	65.6	66.0	66.5	66.8	66.9	66.1	65.6	65.1
22	62.9	61.9	60.9	60.1	59.8	59.6	59.4	59.2	59.1	58.8	57.9	57.3	56.4	55.4	55.0
23	58.2	58.2	58.5	58.6	58.9	59.5	59.7	60.0	60.0	60.1	60.0	59.6	58.6	58.0	57.6
24	60.7	60.8	60.9	62.0	62.1	63.1	64.4	65.0	65.8	66.3	66.7	67.1	67.6	68.3	68.7
25	73.9	73.9	73.8	74.0	74.1	74.2	75.0	75.2	75.1	75.1	74.6	74.2	73.6	73.2	72.5
26	71.6	71.3	70.7	70.7	70.6	70.5	70.5	70.4	69.9	69.2	68.4	67.5	66.4	66.5	65.2
27	65.0	64.7	64.5	64.3	64.3	64.7	65.0	65.0	64.9	64.8	64.4	63.9	63.4	63.2	62.6
28	63.2	62.9	62.6	62.4	62.8	63.2	63.6	64.0	64.1	64.1	63.9	63.2	62.4	61.8	61.1
29	60.5	60.1	59.9	59.9	59.9	59.8	59.9	59.8	59.6	59.1	58.9	58.0	57.0	56.5	56.1
30	56.7	55.9	55.3	55.2	55.2	55.5	57.1	58.0	57.7	58.8	59.0	57.9	58.0	56.6	57.1
31	56.0	55.9	54.6	53.8	53.1	53.3	53.0	52.7	52.5	51.8	51.8	50.2	49.6	49.6	49.1
Prom	62.3	62.0	61.8	61.8	61.8	62.1	62.5	62.6	62.8	62.8	62.6	62.2	61.5	61.2	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	14.3	14.3	13.7	14.4	14.4	14.3	14.0	11.1	10.7	10.6	10.8	12.8	13.6	13.5	13.4
2	3.3	3.2	2.9	2.7	2.5	2.6	2.6	3.5	6.7	9.4	11.8	12.7	12.9	13.2	13.2
3	10.1	10.2	10.1	10.1	9.8	9.6	9.7	10.0	10.0	10.2	10.4	10.5	10.5	11.5	11.6
4	11.5	11.5	11.4	11.4	11.4	11.3	11.2	11.0	11.4	13.0	15.2	14.9	15.5	18.0	18.4
5	7.9	6.8	6.1	5.5	4.6	4.0	3.3	3.0	6.1	6.5	9.3	11.2	12.6	13.0	13.1
6	1.9	2.4	3.0	4.3	4.9	5.7	6.2	7.0	9.1	11.6	13.9	15.1	15.5	16.6	16.9
7	6.1	6.2	6.3	6.4	6.6	6.1	6.8	7.5	10.5	13.4	16.6	17.9	19.2	19.7	19.8
8	11.2	10.5	10.2	11.0	8.7	8.0	7.7	7.6	6.1	6.6	7.1	8.4	8.9	9.0	8.3
9	1.4	0.5	0.3	-0.4	-0.8	-1.4	-1.4	0.3	2.0	3.6	5.5	6.8	7.6	7.6	6.4
10	-2.1	-2.6	-3.1	-3.0	-2.9	-2.9	-2.7	0.1	4.4	7.5	8.6	8.8	9.5	9.6	9.6
11	-2.0	-2.2	-2.1	-3.0	-2.9	-2.4	-1.9	3.6	5.4	7.5	8.8	10.0	11.3	12.0	11.9
12	7.1	7.1	7.1	6.9	6.1	5.9	6.6	7.6	8.5	9.8	10.4	10.6	10.7	10.7	10.4
13	8.9	8.9	8.9	8.8	8.7	8.6	8.2	8.2	8.6	9.2	9.4	10.1	10.9	11.0	10.8
14	6.1	6.1	6.0	5.2	4.8	4.2	3.9	6.1	6.5	7.6	7.9	9.3	9.9	10.6	10.9
15	0.5	-1.0	-1.3	-0.4	-0.5	-1.0	-1.1	5.2	8.8	11.8	14.7	16.4	17.2	17.6	16.9
16	9.3	8.9	8.5	8.6	8.1	7.7	7.9	8.8	9.6	10.9	13.1	15.6	16.7	18.3	19.4
17	6.2	5.8	5.2	4.9	5.0	5.1	5.5	7.6	9.9	12.0	13.2	13.4	14.1	13.5	13.2
18	8.2	7.2	7.4	7.3	7.7	8.3	8.4	9.2	9.4	11.1	13.6	14.5	14.7	14.8	14.6
19	12.1	12.0	12.0	12.2	10.7	10.7	10.6	11.0	11.7	12.4	14.0	14.3	13.4	12.7	12.3
20	8.0	7.4	7.3	7.4	6.4	6.1	5.5	6.0	6.0	8.3	9.3	11.0	11.5	12.6	12.4
21	4.7	3.7	2.4	1.6	1.5	2.8	3.0	4.0	7.5	9.2	10.5	11.3	12.2	12.2	12.5
22	1.0	1.6	1.6	1.0	0.5	1.2	1.9	5.2	8.3	10.8	13.0	14.6	16.3	16.9	16.9
23	9.6	7.8	6.4	5.2	4.0	3.1	1.1	5.4	9.3	15.1	16.8	19.1	19.9	20.3	20.4
24	6.9	6.2	5.7	6.6	5.0	3.4	2.3	8.0	11.3	14.6	17.5	18.7	18.9	18.6	17.2
25	9.0	8.5	8.1	7.9	7.4	7.4	7.0	9.5	11.3	13.1	14.3	15.0	16.5	17.1	17.5
26	8.3	8.3	8.2	7.3	6.9	6.8	6.5	10.1	12.2	13.5	14.9	15.6	16.7	17.9	17.7
27	11.0	10.8	10.3	10.0	9.9	9.6	9.4	12.4	14.3	17.0	19.8	22.2	22.7	22.4	22.5
28	13.7	13.6	13.6	13.4	13.2	12.2	11.6	12.7	15.6	18.3	20.9	21.5	22.6	23.6	23.7
29	14.8	14.8	14.9	14.6	14.3	14.1	14.1	15.2	17.1	20.1	22.4	24.0	26.2	26.9	26.7
30	17.5	17.1	16.4	16.7	16.8	17.5	18.4	17.8	18.1	18.5	17.9	18.1	17.6	17.6	17.7
31	16.2	16.3	16.2	16.1	16.2	15.2	15.2	15.8	16.0	16.2	16.0	15.8	16.2	16.4	15.7
Prom	7.8	7.5	7.2	7.1	6.8	6.6	6.5	8.1	9.8	11.6	13.1	14.2	14.9	15.3	15.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
62.1	62.6	63.8	63.8	64.0	64.4	64.7	65.3	65.4	65.4	24	59.0	1	6.4	762.1 mm.	1016.1 mb.
63.6	63.6	63.6	63.5	63.4	63.1	62.8	62.7	62.4	66.0	9	62.4	24	3.6	64.5	1019.3
56.5	56.0	56.2	56.6	56.4	56.0	55.6	56.1	56.0	62.4	0	56.0	15,17,24	6.4	58.1	1010.8
56.5	57.0	57.7	58.6	59.2	59.8	60.4	61.3	62.1	62.1	24	55.3	4	6.8	57.4	1009.8
62.5	62.6	62.5	62.6	62.6	62.8	62.9	63.0	63.3	65.1	9,10	62.1	0	3.0	63.4	1017.8
60.9	60.9	60.8	60.7	60.5	60.4	60.3	60.1	59.5	63.6	10,11	59.5	24	4.1	61.9	1015.8
52.4	52.3	52.4	52.3	52.2	52.3	52.1	52.1	52.1	59.5	0	52.1	23-24	7.4	55.0	1006.6
62.6	63.6	64.6	65.8	66.6	67.6	68.6	69.6	70.4	70.4	24	52.0	3	18.4	60.0	1013.3
75.2	75.2	75.2	76.1	76.2	76.7	76.8	76.8	76.7	76.8	22,23	70.4	0	6.4	74.4	1032.5
71.5	71.0	70.8	70.7	70.6	70.8	71.3	70.9	70.7	76.7	0	70.6	20	6.1	73.6	1031.4
64.5	64.5	64.7	65.1	65.0	64.6	64.6	64.4	64.0	70.7	0	64.0	24	6.7	67.0	1022.6
57.9	57.3	57.6	58.1	58.0	58.0	58.1	57.9	57.4	64.0	0	57.3	17	6.7	60.2	1013.6
55.8	56.2	56.4	56.6	56.7	57.4	57.6	58.3	58.5	58.5	24	55.0	15	3.5	56.7	1008.9
65.0	65.4	66.2	66.5	66.5	66.8	66.9	66.9	66.7	66.9	22,23	58.5	0	8.4	64.0	1018.6
58.2	58.1	58.2	57.9	58.2	58.3	58.6	59.3	59.4	66.7	0	57.9	19	8.8	61.6	1015.4
59.5	59.6	60.1	60.4	60.4	60.5	60.9	61.1	61.5	61.5	24	59.0	4	2.5	60.0	1013.3
58.1	58.1	58.1	58.2	58.2	58.2	58.0	58.1	58.6	61.5	0-3	58.0	22	3.5	59.8	1013.0
55.8	56.6	57.0	57.3	59.1	57.5	57.4	58.5	58.7	58.7	24	55.8	16	2.9	57.6	1010.1
56.6	57.2	56.3	56.7	57.0	56.2	57.4	57.6	58.0	59.6	7,8	56.2	21	3.4	57.9	1010.5
58.6	59.3	60.2	60.6	60.8	60.9	61.0	61.2	61.6	61.6	24	57.0	5	4.6	59.0	1012.0
65.0	64.9	64.8	64.6	64.6	64.2	63.9	63.5	63.2	66.9	12	61.6	0	5.3	64.5	1019.3
55.0	54.9	55.9	56.2	56.5	57.1	57.3	57.5	57.9	63.2	0	54.9	17	8.3	58.0	1010.6
57.4	57.7	57.9	58.6	59.2	59.5	59.8	59.9	60.4	60.4	24	57.4	16	3.0	59.0	1012.0
69.2	69.9	70.5	71.1	72.0	72.8	72.3	73.3	73.8	73.8	24	60.4	0	13.4	67.3	1023.0
72.2	72.2	72.1	72.1	72.1	72.0	72.0	71.9	71.7	75.2	8	71.7	24	3.5	73.4	1031.2
65.1	65.2	65.5	65.6	65.8	65.7	65.6	65.2	65.1	71.7	0	65.1	16,24	6.6	67.8	1023.7
62.3	62.8	63.1	63.3	63.2	63.3	63.3	63.2	63.3	65.1	0	62.3	16	2.8	63.8	1018.4
60.9	60.8	60.8	60.9	60.8	60.9	61.0	61.0	60.0	64.1	9,10	60.0	24	4.1	62.2	1016.2
56.0	56.0	56.0	55.8	56.6	56.8	56.8	56.8	56.8	60.5	1	55.8	19	4.7	58.0	1010.6
56.2	56.7	56.6	57.0	56.2	56.8	57.0	57.2	56.3	59.0	11	55.2	4,5	3.8	56.8	1009.0
48.3	50.7	51.0	52.0	53.0	54.8	54.1	54.2	54.5	56.3	0	48.3	16	8.0	52.5	1003.3
60.7	60.9	61.2	61.5	61.7	61.8	61.9	62.1	62.1	65.0		59.1		5.9	61.9	1015.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
13.2	12.6	9.4	7.8	6.4	5.2	4.6	3.8	3.3	15.0	0-1	3.3	24	11.7	10.9
13.0	11.9	10.1	9.5	9.6	9.8	10.4	10.5	10.2	13.2	14,15	2.5	5	10.7	8.2
11.8	11.8	11.7	11.5	11.5	11.5	11.5	11.5	11.5	11.8	16,17	9.6	6	2.2	10.8
17.8	17.0	13.6	9.8	8.6	7.1	6.7	7.1	8.2	18.4	15	6.7	22	11.7	12.2
12.6	11.1	8.3	5.2	3.8	3.7	3.4	2.5	2.4	13.1	15	2.4	24	10.7	6.9
16.5	15.5	12.0	9.0	6.9	5.7	5.9	5.8	6.1	16.9	15	1.9	1	15.0	9.1
19.3	17.1	14.8	14.1	14.4	14.6	13.6	13.4	11.8	19.8	15	5.3	7-8	14.5	12.6
7.8	7.5	4.7	4.8	3.9	3.4	3.3	2.3	1.8	11.2	1	1.5	23-24	9.7	7.0
6.3	5.2	3.0	1.2	-0.3	-1.2	-1.7	-1.9	-2.1	7.6	13,14	-2.1	24	9.7	1.9
9.2	8.2	4.5	2.7	1.5	-0.3	-0.3	-0.8	-2.1	10.9	14-15	-3.5	5-6	14.4	2.6
11.2	8.9	7.0	5.8	5.0	6.0	7.0	7.1	7.1	12.0	14	-3.0	4	15.0	5.0
10.2	10.1	9.9	9.8	9.2	9.1	8.9	8.8	8.9	10.7	13,14	5.3	5-6	5.4	8.8
10.5	9.7	9.1	8.6	7.7	6.9	6.7	5.8	6.1	11.0	14	5.6	22-23	5.4	8.8
10.0	10.5	8.2	5.9	4.1	3.1	2.8	2.1	1.7	11.0	16	1.3	23-24	9.7	6.4
15.3	14.1	12.3	11.3	10.4	10.1	9.7	9.1	9.3	17.6	14	-1.3	3	18.9	8.6
18.9	17.1	14.7	13.1	11.2	10.1	8.7	7.6	6.9	19.4	15	6.9	24	12.5	11.6
12.5	11.8	11.1	10.2	9.7	8.7	8.0	8.3	8.4	14.1	13	4.8	3-4	9.3	9.3
14.7	14.6	14.1	13.4	12.8	12.7	12.2	12.0	11.5	14.8	14	6.9	3-4	7.9	11.4
12.2	12.1	11.8	10.9	9.9	9.5	8.5	8.4	8.4	14.3	12	8.0	23-24	6.3	11.4
12.1	10.8	9.5	8.0	7.0	6.4	4.9	4.9	4.7	12.6	14	4.3	23-24	8.3	8.1
12.2	11.6	8.0	5.2	3.6	1.9	2.3	2.5	2.0	12.5	15	0.7	4-5	11.8	6.2
15.6	15.0	13.8	13.4	13.0	12.8	11.6	11.4	9.7	17.0	14-15	0.0	4-5	17.0	9.5
20.1	18.1	15.2	13.0	10.1	9.4	9.0	8.1	7.7	20.4	15	-0.6	7-8	21.0	11.4
15.5	14.0	11.8	11.1	10.4	10.2	10.1	10.0	9.7	18.9	13	1.5	6-7	17.4	11.0
17.3	16.3	13.9	12.8	11.6	11.3	10.9	9.6	8.8	17.5	15	6.7	6-7	10.8	11.7
17.6	16.6	14.5	13.3	12.8	12.9	12.8	11.8	11.4	17.9	14	6.3	6-7	11.6	12.3
21.6	18.4	17.1	17.1	16.6	16.5	16.3	14.8	14.7	23.1	12-13	9.3	6-7	13.8	15.7
22.8	20.8	18.9	18.0	17.8	17.5	16.6	15.7	15.0	23.9	15-16	11.6	7	12.3	17.2
25.5	24.3	22.8	21.7	20.4	19.5	19.0	18.4	17.5	26.9	14	13.9	5-6	13.0	19.6
17.6	17.6	17.9	16.5	16.6	16.6	16.5	16.5	16.4	18.5	10	16.0	18-19	2.5	17.3
15.4	15.4	15.3	15.2	14.1	12.9	12.0	11.8	11.3	16.4	14	11.3	24	5.1	15.1
14.7	13.3	11.9	10.6	9.7	9.1	8.8	8.4	8.0	15.8		4.6		11.2	10.3

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.5	11.5	11.0	11.5	11.5	11.5	11.0	9.5	9.0	8.0	7.8	7.8	8.0	8.1	7.2
2	5.6	5.6	5.2	5.0	5.0	5.0	5.0	5.5	5.6	5.4	4.8	5.2	5.8	5.1	5.4
3	7.6	7.2	7.0	7.0	7.0	7.2	7.0	7.5	7.8	8.0	8.0	8.5	8.5	9.3	8.5
4	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.2	8.5	8.0	9.5	9.5	8.5	8.9	7.4
5	5.2	5.2	5.0	5.2	5.4	5.2	5.2	5.2	4.4	4.0	4.0	4.2	3.4	3.7	3.6
6	4.6	4.6	4.6	5.0	5.2	5.6	5.8	6.1	6.2	6.8	7.4	7.4	6.8	6.8	4.6
7	6.0	6.4	6.8	6.6	6.6	6.8	7.2	7.1	6.8	7.0	8.0	7.2	7.8	6.7	6.4
8	7.2	7.2	7.2	7.4	7.2	6.6	6.0	6.3	5.4	6.0	6.2	5.8	6.0	6.1	6.2
9	4.4	4.4	4.2	4.0	4.0	3.8	3.8	4.1	2.0	4.2	4.2	3.8	2.8	3.7	2.0
10	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.7	4.4	4.4	3.8	3.6	3.6	3.6	3.2
11	3.4	3.4	3.6	3.4	3.6	3.4	3.6	4.8	4.4	4.0	4.4	4.8	4.2	3.8	4.4
12	5.4	5.8	5.4	5.2	5.4	5.2	5.6	5.6	5.6	6.0	5.8	6.4	6.8	7.1	7.6
13	7.4	7.4	7.4	7.8	8.0	7.6	7.4	7.6	7.2	7.6	7.2	7.6	7.4	7.6	7.0
14	5.8	6.0	5.6	5.8	5.2	5.4	5.2	5.3	5.6	6.4	6.0	6.2	6.6	6.4	6.0
15	4.4	3.8	3.8	4.0	4.0	3.8	3.8	6.0	6.0	6.4	5.8	5.8	5.4	5.3	6.8
16	6.6	7.0	6.8	6.8	6.2	6.0	6.0	6.4	6.8	6.0	7.0	6.8	6.6	6.7	7.0
17	6.8	6.2	6.0	6.0	6.0	6.4	6.4	7.1	7.4	7.4	8.0	8.0	7.4	7.6	7.6
18	7.0	6.6	7.4	7.4	7.6	7.8	7.8	8.0	8.0	8.5	9.0	9.5	9.5	9.7	10.0
19	9.0	9.5	9.0	9.0	8.0	8.5	8.0	8.7	8.0	8.0	8.5	7.6	7.0	7.8	7.6
20	6.6	6.2	6.2	5.8	5.4	5.4	5.4	5.4	4.6	5.0	5.4	4.6	4.2	3.5	3.4
21	4.6	4.2	4.4	4.2	3.8	4.0	4.4	4.7	5.6	5.4	4.8	4.6	4.0	3.2	3.0
22	3.4	4.2	4.2	4.2	4.0	4.2	4.2	5.0	5.0	4.6	4.6	5.2	5.2	5.6	5.4
23	6.4	6.0	6.2	6.0	5.6	5.2	4.4	5.5	5.4	5.4	4.6	4.4	3.8	4.2	4.0
24	5.4	5.4	5.6	5.2	5.6	5.4	5.0	6.0	6.2	6.4	7.0	6.0	4.4	4.0	4.0
25	6.2	6.4	5.4	5.2	4.8	4.8	5.0	5.0	4.2	3.6	4.0	4.8	4.4	5.3	5.6
26	6.6	6.2	6.6	7.0	6.8	7.2	7.0	7.8	8.0	8.0	8.5	8.5	8.0	8.8	8.5
27	9.5	9.0	9.0	8.5	8.5	8.5	8.5	9.5	10.0	10.0	10.5	10.5	10.5	11.1	9.5
28	11.0	11.0	11.0	11.0	11.0	10.0	9.5	10.8	12.5	12.5	14.0	13.5	13.5	14.0	12.5
29	11.5	11.5	11.5	12.0	11.5	11.5	11.5	11.5	12.0	12.5	13.5	13.5	14.5	14.4	15.0
30	13.5	13.0	13.5	13.5	13.5	14.5	13.5	13.6	12.5	13.5	14.0	13.5	13.0	12.0	12.0
31	11.0	12.0	11.0	11.0	11.0	10.5	11.0	11.4	11.0	11.0	11.5	12.0	12.0	12.4	12.0
Prom.	7.0	6.9	6.9	6.9	6.8	6.7	6.6	7.1	7.0	7.1	7.3	7.3	7.1	7.2	6.9

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl	Prom.
7.0	6.8	7.0	6.4	6.4	6.0	5.8	5.8	5.6	11.5	1,2,4-6	5.6	24	5.9	8.4
5.8	6.4	7.2	7.2	7.8	7.8	7.2	6.8	7.2	7.8	20,21	5.0	4-7	2.8	5.9
9.0	9.0	9.5	9.0	9.6	9.0	9.0	9.0	9.0	9.6	20	7.0	3-5,7	2.6	8.2
7.8	9.0	9.0	7.8	7.8	7.0	6.8	6.2	5.0	9.5	11,12	5.0	24	4.5	8.3
4.0	4.6	4.2	5.0	4.8	4.6	4.4	4.4	4.6	5.4	5	3.4	13	2.0	4.6
4.6	4.8	6.0	5.8	5.8	4.8	5.2	6.0	6.0	7.4	11,12	4.6	1-3,15,16	2.8	5.7
7.0	6.8	7.8	8.0	7.9	7.6	7.2	7.8	7.4	7.9	20	6.0	1	1.9	7.1
5.6	5.2	5.6	4.8	5.2	4.4	4.2	4.0	4.2	7.4	4	4.0	23	3.4	5.8
2.2	2.4	2.6	2.8	3.3	3.2	3.2	3.2	3.4	4.4	1,2	2.0	9,15	2.4	3.4
3.2	3.8	3.8	4.2	4.2	4.0	4.0	4.0	3.6	4.4	9,10	3.2	2-7,16,24	1.2	3.6
4.6	4.4	4.2	4.2	5.3	4.6	5.0	5.0	5.0	5.3	20	3.4	1,2,4,6	1.9	4.2
7.6	7.6	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.6	15-17	5.0	0	2.6	6.5
6.8	7.8	7.8	7.6	7.4	7.2	7.0	6.6	6.4	8.0	5	6.4	24	1.6	7.4
5.6	5.8	6.2	6.0	5.7	5.4	5.4	5.0	4.6	6.6	13	4.6	24	2.0	5.7
6.8	6.8	6.6	6.6	7.3	7.0	6.8	7.0	6.6	7.3	20	3.8	2,3,6,7	3.5	5.7
6.8	7.6	8.0	8.0	8.4	8.0	7.6	7.2	7.2	8.4	20	6.0	6,7,10	2.4	7.0
7.2	7.8	7.6	7.2	7.2	6.8	6.6	6.6	6.8	8.0	11,12	6.0	3-5	2.0	7.0
9.5	9.5	9.5	10.7	10.2	9.5	9.0	9.0	8.5	10.2	20	6.6	2	3.6	8.7
7.6	7.0	6.8	6.4	6.2	6.4	6.8	7.2	6.8	9.5	2	6.2	20	3.3	7.7
3.8	4.6	5.0	4.6	4.7	4.8	5.0	4.6	4.2	6.8	0	3.4	15	3.4	4.9
3.4	3.2	3.8	4.0	3.9	3.4	3.4	3.0	3.6	5.6	9	3.0	15,23	2.6	4.0
5.6	6.0	6.6	7.0	7.1	6.8	6.8	7.2	7.0	7.2	23	3.4	1	3.8	5.4
4.0	4.2	4.8	5.2	5.3	5.4	4.8	5.4	5.2	7.0	0	3.8	13	3.2	5.1
4.2	4.4	3.8	4.6	5.2	5.8	6.2	6.2	6.4	7.0	11	3.8	18	3.2	5.4
5.4	5.8	6.8	7.4	7.0	6.6	7.0	7.2	7.4	7.4	19,24	3.6	10	3.8	5.6
9.0	9.5	9.5	10.0	9.8	10.0	10.0	10.0	9.5	10.0	19,21-23	6.2	2	3.8	8.4
11.0	9.5	11.0	11.0	10.9	11.5	11.0	11.5	11.5	11.5	21-24	8.5	4-7	3.0	10.1
12.5	13.0	14.0	11.5	12.4	12.0	12.0	12.0	11.5	14.0	11,14,18	9.5	7	4.5	12.0
15.0	15.0	15.0	14.0	15.6	14.5	14.0	14.5	13.5	15.6	20	11.5	1-3,5-8	4.1	13.3
13.0	12.0	14.0	12.5	12.0	12.0	12.0	12.0	12.0	14.5	6	12.0	14,15,17,21-24	2.5	12.9
12.5	12.5	12.5	12.5	11.5	10.5	10.0	10.0	9.5	12.5	16-19	9.5	24	3.0	11.3
7.0	7.2	7.5	7.4	7.5	7.2	7.1	7.2	7.0	8.6		5.6		3.0	7.1

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	SE	4	SE	5	SE	4	SE	5	SE	4	SE	3	SE	5	SE	6	SE	7	SE	6	SE	6	SE	6	SE	9	SE	8	SE	7
2	Calma	0	SE	2	SE	3	SE	2	SE	3	E	4	E	3	E	4	E	5	E	6	NE	5	NE	12	NE	12	NE	12	NE	11
3	NE	8	NE	10	NE	11	NE	11	NE	11	NE	10	NE	10	NE	11	NE	16	NE	7	NE	6	NE	6	NE	3	NE	4	NE	3
4	S	5	SW	4	SW	6	SE	3	SE	3	SE	2	SE	3	S	5	S	4	S	6	SW	5	SW	9	SW	6	SW	8	SW	7
5	SW	9	SE	6	SE	6	SE	4	SE	3	SE	3	SE	2	Calma	1	W	3	W	2	W	2	W	2	W	5	W	5	W	9
6	NW	3	NW	4	NW	6	NW	8	NW	8	NW	7	NW	6	NW	7	SW	6	SW	8	SW	11	SW	12	W	10	SW	12	SW	11
7	NW	7	NW	9	NW	7	NW	10	NW	11	NW	10	NW	9	NW	6	NW	21	NW	24	NW	22	NW	31	NW	25	NW	24	NW	20
8	W	9	N	9	N	9	SW	9	SE	14	SE	20	SE	16	SE	14	SE	11	SE	7	SW	14	SW	16	SW	20	SW	21	SW	16
9	S	10	S	8	S	9	S	9	S	11	S	11	S	12	S	11	S	12	S	14	S	14	SE	13	S	15	S	15	S	16
10	SW	5	SW	5	SW	4	SW	7	SW	6	SW	6	S	4	SW	3	S	4	SW	4	SW	7	W	8	W	8	W	7	W	6
11	W	4	NW	4	NW	3	Calma	0	NW	3	N	3	N	4	N	3	N	9	N	12	NW	13	NW	11	NW	16	NW	15	NW	14
12	NE	12	N	17	N	19	NE	10	N	10	NE	3	NE	8	NE	9	NE	9	NE	11	NE	11	NE	10	NE	10	NE	9	NE	5
13	N	6	N	6	NW	7	W	5	W	5	SW	4	SE	3	SE	4	SE	3	SE	4	SE	4	S	2	Calma	1	SW	4	SW	3
14	SW	11	SW	11	SW	9	SW	9	SW	11	SW	11	SW	9	SW	9	SW	9	SW	17	SW	16	SW	18	SW	17	SW	16	SW	15
15	NW	4	NW	4	NW	4	NW	4	NW	8	NW	8	NW	7	NW	11	NW	19	NW	21	NW	27	NW	31	NW	28	NW	27	NW	30
16	N	14	N	14	N	16	N	14	N	11	N	9	NW	11	NW	11	NW	15	NW	10	W	9	W	9	W	9	W	8	SW	5
17	SE	2	SE	3	SE	2	SE	2	SE	4	SE	4	SE	4	SE	6	E	10	E	9	NE	9	NE	15	NE	12	NE	13	E	10
18	SE	3	SE	5	SE	4	SE	7	SE	6	SE	5	E	7	E	7	SE	9	E	9	E	11	E	11	E	10	E	9	E	8
19	SE	9	SE	9	SE	10	SE	9	SE	12	SE	10	SE	13	SE	13	SE	16	SE	15	SE	13	SE	19	SE	20	SE	19	SE	17
20	SE	10	SE	9	SE	12	E	9	SE	10	SE	8	SE	9	SE	8	SE	11	SE	10	SE	11	SE	11	SE	12	SE	15	SE	14
21	S	7	SW	6	S	4	S	7	S	9	S	10	S	9	SW	9	S	11	SW	10	SE	11	SE	12	SW	12	S	11	S	8
22	NW	6	NW	10	NW	14	NW	9	NW	9	NW	8	NW	15	NW	19	NW	23	NW	37	NW	37	W	35	W	35	W	35	W	36
23	SW	9	SW	8	S	8	S	4	S	3	Calma	1	S	2	Calma	0	NW	3	NW	9	NW	14	W	16	W	20	W	25	W	30
24	W	8	W	7	W	8	W	9	SE	3	SW	2	NW	4	NW	2	W	6	SW	2	S	3	E	8	E	11	NE	16	NE	16
25	NE	13	NE	18	NE	16	NE	14	NE	13	NE	12	NE	11	NE	14	NE	21	NE	24	NE	23	NE	20	NE	18	NE	19	NE	16
26	NE	8	NE	12	NE	15	NE	10	NE	11	NE	10	NE	9	NE	10	NE	18	NE	15	NE	15	NE	13	NE	15	NE	17	NE	15
27	NE	10	NE	7	NE	9	NE	10	NE	9	NE	10	NE	8	NE	8	N	15	NW	13	N	11	N	13	N	11	NE	14	NE	13
28	NE	6	NE	6	NE	5	NE	6	NE	6	NE	5	NE	2	E	3	NE	6	N	11	NE	11	NE	12	NE	14	NE	16	NE	19
29	NE	13	NE	14	NE	14	NE	15	NE	12	NE	11	NE	13	NE	12	NE	26	N	20	N	23	NW	21	NW	25	NW	22	NW	18
30	Calma	1	NE	2	NW	3	N	2	NE	3	N	7	N	8	SE	10	E	16	E	9	E	10	NE	20	NE	21	NE	20	NE	17
31	NE	19	NE	17	NE	17	NE	19	NE	13	N	12	N	12	E	16	E	18	E	11	E	8	E	8	E	13	E	6	NE	9
DIRECCIÓN PREVALENTE	NE		NE		NW-NE		SE-NE		SE		SE		SE		SE		SE-NE		NW		NE		NE		NE		NE		NE	
NÚMERO DE HORAS	8		8		7		8		10		8		8		7		6		6		7		8		8		10		10	
PROM. HOR. DE LA VELOCIDAD		8		8		8		8		8		7		8		8		12		12		12		14		14		14		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
SE	5	SE	4	Calma	1	Calma	0	Calma	1	Calma	1	Calma	0	Calma	0	Calma	0	SE	17	4	15	S	12.40
NE	11	NE	9	NE	4	NE	6	NE	6	NE	6	NE	7	NE	7	NE	8	NE	14	6	14	NE	13.02
NE	4	N	2	Calma	1	Calma	1	NE	2	E	3	NE	2	E	3	Calma	1	NE	18	6	11	NE	8.02
SW	10	SW	8	SW	3	S	2	W	3	W	4	SW	6	W	7	W	8	SW	11	5	13	SW	16.08
W	10	W	6	W	5	W	3	W	2	W	4	NW	4	Calma	1	NW	2	W	13	4	14	SE	0.01
W	12	W	7	W	2	W	2	NW	2	N	4	N	4	NW	6	NW	7	NW	11	7	17	W	11.56
NW	19	N	11	N	10	N	10	N	14	NE	13	NE	9	N	12	N	10	NW	16	14	35	NW	11.42
SE	15	SE	12	SE	11	S	11	SW	10	SW	11	S	14	S	11	S	10	SE	9	13	42	SE	5.04
S	16	S	15	SE	10	SW	5	SW	5	SW	4	SW	5	SW	4	SW	5	S	16	10	24	S	16.54
W	9	W	7	W	3	NW	7	NW	2	Calma	1	NW	5	W	3	W	3	W SW	9	5	12	W	11.58
NW	13	N	12	N	10	N	8	N	7	N	10	NE	10	NE	12	NE	13	N	10	9	17	N	14.00
NE	7	NE	9	NE	9	NE	9	SW	3	Calma	1	Calma	1	E	2	NE	5	NE	17	8	20	N	2.38
SW	7	SW	4	SW	5	SW	5	W	3	NW	3	NW	7	W	8	SW	6	SW	8	4	8	SW	15.28
S	11	S	8	S	2	Calma	1	Calma	0	Calma	0	NW	3	NW	3	NW	3	SW	15	10	28	SW	12.35
N	20	N	22	N	19	N	18	N	15	N	15	N	14	N	10	N	11	NW	15	16	34	NW	11.20
SW	4	S	3	SE	4	Calma	1	Calma	1	Calma	1	Calma	0	Calma	0	Calma	1	N Calma	6	8	14	N	1.22
E	11	E	10	E	8	E	10	E	8	E	8	E	6	E	6	E	3	E	12	7	16	NE	10.22
E	13	SE	11	SE	10	SE	10	SE	11	SE	11	SE	14	SE	9	SE	9	SE	15	9	20	SE	16.20
SE	19	SE	18	SE	18	SE	19	SE	17	SE	15	SE	14	SE	10	SE	10	SE	24	14	33	SE	18.30
SE	12	SE	9	SE	5	SW	5	SW	5	SW	4	SW	4	SW	8	SW	7	SE	18	9	24	SE	13.33
S	8	S	5	SW	2	SW	4	W	3	W	4	NW	6	NW	7	NW	8	S	11	8	21	S	10.36
W	30	W	26	W	20	W	17	W	13	W	13	W	12	W	14	W	16	W	13	20	49	W	10.13
W	27	W	19	W	12	W	8	W	5	W	10	W	12	W	10	W	8	W	13	11	39	W	15.05
NE	18	NE	14	NE	12	E	13	E	11	NE	12	NE	15	NE	13	NE	13	NE	9	9	22	NE	15.00
NE	18	NE	17	NE	10	NE	11	NE	10	NE	14	NE	10	NE	10	NE	8	NE	24	15	29	NE	10.01
NE	16	NE	10	NE	6	NE	8	NE	10	NE	10	NE	9	NE	10	NE	10	NE	24	12	19	NE	15.01
NE	15	NE	16	NE	9	NE	6	NE	7	NE	4	NE	4	NE	5	NE	4	NE	19	10	15	NE	15.12
NE	20	NE	14	NE	10	NE	10	NE	15	NE	16	NE	13	NE	9	NE	11	NE	22	10	27	NE	15.15
N	16	N	15	N	14	N	12	NW	12	NW	9	NE	5	NE	4	Calma	1	NE	11	14	26	NW	11.46
NE	16	NE	14	NE	11	NE	22	NE	24	NE	14	NE	21	NE	10	NE	13	NE	15	12	37	NE	18.42
NE	8	S	5	S	8	S	7	SE	9	S	8	SE	12	SE	12	SE	12	E	9	11	25	NE	3.10
NE		NE		NE		NE		NE		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		60 Km.		
10		8		8		7		7		8		11		9		9		NE	173	10	DIRECCIÓN	DÍA	HORA
	14		11		8		8		8		8		8		7		7				W	22	de 10.15 a 10.20

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							17	94									7	97
2			14	116	5	22	4	10									1	148
3	1	2	18	135	2	6											3	146
4							4	11	5	22	11	72	4	22				127
5							6	24			1	9	13	58	2	6	2	99
6	2	8									6	60	5	33	11	64		165
7	6	67	2	22											16	255		344
8	3	27					9	120	4	46	8	117						310
9							2	23	16	198	6	28						249
10									2	8	9	47	9	54	3	14	1	124
11	10	78	3	35									1	4	9	92	1	209
12	3	46	17	146	1	2					1	3					2	199
13	2	12					5	18	1	2	8	38		21	3	17	1	109
14									3	21	15	198			3	9	3	229
15	9	144													15	233		377
16	6	78					1	4	1	3	2	9	4	35	4	47	6	180
17			4	49	2	99	8	27										175
18					9	85	15	124										209
19							24	344										344
20							18	181			6	33						218
21							2	23	11	89	6	43	2	7	3	21		183
22													13	302	11	187		489
23									4	17	2	17	13	202	3	26	2	263
24			9	129	4	43	1	3	1	3	2	4	5	38	2	6		226
25			24	360														360
26			24	282														282
27	4	50	19	168											1	13		231
28	1	11	22	232	1	3												246
29	6	100	11	139											6	107	1	347
30	3	17	15	228	3	35	1	10							1	3	1	294
31			7	102	9	104	4	45	4	28								279
SUMAS	56	640	189	2143	46	399	121	1065	53	437	83	678	73	776	93	1100	31	7258
% PREVAL POR VELOCIDAD	8.8		29.5		5.5		14.7		6.0		9.3		10.7		15.2		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		11		9		9		8		8		11		12		1	234

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	8	0	5	3	4	2	4	2
1 - 2	4	8	0	7	1	5	1	5	0
2 - 3	3	7	0	7	3	3	1	7	0
3 - 4	2	8	0	8	3	3	2	4	1
4 - 5	2	8	0	10	3	2	1	5	0
5 - 6	3	7	2	8	2	4	0	4	1
6 - 7	2	7	3	8	4	1	0	6	0
7 - 8	1	6	4	7	2	3	0	6	2
8 - 9	2	6	4	6	4	2	2	5	0
9 - 10	3	4	5	5	2	5	1	6	0
10 - 11	2	7	3	5	2	5	2	5	0
11 - 12	1	8	3	5	1	4	5	4	0
12 - 13	1	8	3	3	1	4	6	4	1
13 - 14	0	10	2	3	2	5	5	4	0
14 - 15	0	10	2	3	2	6	4	4	0
15 - 16	2	10	2	4	3	3	5	2	0
16 - 17	5	8	1	5	5	2	5	0	0
17 - 18	4	8	1	6	2	3		0	2
18 - 19	4	7	2	2	3	4	4	1	4
19 - 20	3	7	2	3	0	4	6	3	3
20 - 21	3	8	2	2	1	3	5	2	5
21 - 22	2	11	1	3	1	3	2	5	3
22 - 23	2	9	3	3	1	2	5	3	3
23 - 24	2	9	1	3	1	3	4	4	4
SUMAS	56	189	46	121	52	83	73	93	31
% de frec. por dirección	7.5	25.4	6.2	16.3	7.0	11.2	9.8	12.5	4.2

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	St	8	Cu	2	Cu 1 Ci 1	2	Ci	1	Claro	0	93	97	99
2	Ci	6	Ci	5	Claro	0	Ci	2	Sc	8	6	9	7
3	Sc	8	St	8	St	8	St	8	As	8	8	6	6
4	Ac	8	Ac	7	Ci	2	Claro	0	Claro	0	5	8	9
5	Ac 3 Ci 1	4	Claro	0	Ci	2	Ci	1	Claro	0	7	9	9
6	Ci	2	Claro	0	Cu	1	Cu	1	Claro	0	8	9	9
7	Claro	0	Claro	0	Claro	0	Claro	0	Sc	7	8	9	9
8	St	8	St 6 Ac 1	7	Sc	7	Sc	7	Ci	1	8	9	9
9	Ci	3	Ac 2 Cu 1	3	Ci	3	Ac 1 Ci 5	6	Claro	0	9	9	9
10	Claro	0	Claro	0	Ci	1	Ci	1	Claro	0	9	9	9
11	Ci	1	Claro	0	Claro	0	Ci	6	Ci	2	7	7	9
12	Sc	8	Sc	8	Sc	8	Sc	8	St	8	7	7	8
13	As	8	St	8	St	8	Ns	8	St	8	6	6	7
14	Ci	1	St	8	Sc	8	Sc	7	Claro	0	9	8	9
15	Ci	1	Ci	1	Cs	8	Cs	8	Ci	1	7	7	8
16	As	8	As	8	Ci	7	Ci	7	As	7	8	7	7
17	Cs	7	Cs	8	Ac	7	Sc	8	Sc	1	6	5	8
18	St	8	St	8	St	8	St	8	Sc 6 As 2	8	6	5	8
19	St	8	Cu 2 Sc 6	8	St	8	St	8	St	8	7	9	7
20	Ac	5	Ac	3	Ac	7	Ac	2	Ac As	6	9	9	9
21	Ci	5	Cu	1	Claro	0	Claro	0	Claro	0	8	9	9
22	Claro	0	Claro	0	Ac	3	As 6 Ac 1	7	Sc	4	9	8	8
23	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	8
24	Claro	0	Claro	0	Ci	1	Ci	1	Claro	0	6	6	8
25	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	9
26	Claro	0	Cu	1	Claro	0	Claro	0	Claro	0	8	7	7
27	Claro	0	Claro	0	Claro	0	Claro	0	Sc	8	6	8	6
28	Sc	8	Sc	8	Cu	2	Cu	1	Ci	1	3	8	8
29	Ac	4	Ac	4	Ac	2	Ac	4	Ns	8	6	6	5
30	St	8	St	8	St	8	St	8	St	8	8	8	7
31	Sc	8	Ns	8	St	8	Ns	8	St	8	6	3	7
Prom.		4		4		4		4		4			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	15.9	11.5	0.36	8	0	4	Ne.
	10	16.8	12.6	0.34	8	0	5	
	12	33.5	18.5	1.22	0	5	5	
	14	37.0	18.0	1.54	2	5	5	
	15	34.1	17.5	1.43	1	5	5	
2	9	23.2	10.4	1.04	5	4	3	Ne.,Js.
	10	25.2	12.5	1.03	5	4	3	Ne.,Js.
	12	36.5	18.0	1.50	2	5	5	
	14	35.7	17.6	1.47	0	5	5	
	15	34.5	16.7	1.45	0	5	5	
3	9				8	0	5	Am.
	10				8	0	4	Z.
	12				8	0	4	Am.
	14	17.0	13.5	0.28	8	0	4	
	15	14.5	12.5	0.16	8	0	4	
4	9	17.0	13.5	0.28	8	0	4	
	10	27.5	16.3	0.91	8	1	4	
	12	24.2	16.5	0.63	7	1	5	
	14	41.1	22.1	1.54	7	5	5	
	15	37.8	21.4	1.33	1	5	5	
5	9	15.5	8.0	0.61	7	1	5	
	10	22.7	9.6	1.06	2	4	5	Js.
	12	36.5	16.1	1.66	1	5	5	
	14	36.0	17.0	1.54	2	5	5	
	15	33.5	16.1	1.41	1	5	5	
6	9	30.7	14.1	1.35	2	4	5	Js.
	10	35.3	16.7	1.51	0	5	5	
	12	39.0	20.0	1.54	6	1	5	
	14	37.6	20.6	1.38	1	5	5	
	15	37.6	20.1	1.42	1	5	5	
7	9	31.6	15.5	1.31	0	5	5	
	10	37.0	18.0	1.54	0	5	5	
	12	41.5	22.5	1.54	0	5	5	
	14	41.3	23.6	1.44	0	5	5	
	15	38.0	22.5	1.26	0	5	5	
8	9	9.8	8.4	0.11	8	0	5	
	10	17.3	10.2	0.58	8	0	5	
	12	20.2	12.2	0.65	7	1	5	
	14	17.7	10.4	0.59	7	0	5	
	15	11.8	7.8	0.32	7	0	5	
9	9	25.8	7.4	1.50	1	5	5	
	10	29.8	14.3	1.26	1	5	5	
	12	34.0	12.5	1.75	2	5	5	
	14	33.5	13.2	1.65	3	5	5	
	15	20.6	9.2	0.93	6	2	5	
10	9	26.4	7.4	1.54	0	5	5	
	10	30.5	10.5	1.63	0	5	5	
	12	34.2	13.4	1.69	0	5	5	
	14	33.4	13.6	1.61	1	5	5	
	15	30.8	12.8	1.46	0	5	5	
11	9	28.6	10.4	1.48	0	5	5	
	10	32.5	13.0	1.58	0	5	5	
	12	35.6	15.4	1.63	2	5	5	
	14	34.7	16.6	1.47	0	5	5	
	15	30.0	15.0	1.22	4	4	5	
12	9	13.8	10.0	0.31	8	0	4	
	10	18.0	11.5	0.53	8	0	4	
	12	16.3	11.7	0.37	8	0	4	
	14	13.6	11.3	0.19	8	0	4	
	15				8	0	4	Z.
13	9				8	0	3	Ne.,Am.
	10				8	0	3	Am.
	12	17.8	11.7	0.50	8	0	3	Ne.
	14	14.9	11.6	0.27	8	0	3	Ne.
	15				8	0	3	Am.
14	9	29.4	11.2	1.48	2	5	5	
	10	27.5	11.6	1.29	7	1	5	
	12	23.4	12.6	0.88	8	0	5	
	14	19.2	12.3	0.56	8	0	5	
	15	26.8	14.5	1.00	7	1	5	
15	9	30.8	12.5	1.49	1	5	4	
	10	29.5	14.5	1.22	1	5	5	
	12	40.6	20.9	1.60	1	5	5	
	14	41.5	22.0	1.58	8	4	5	Js.
	15	24.5	17.2	0.59	8	2	4	
16	9	20.5	11.9	0.70	8	1	5	
	10	23.6	14.4	0.75	8	1	5	
	12	37.0	19.8	1.40	8	2	5	
	14	39.6	21.7	1.46	7	4	5	
	15	36.1	21.4	1.20	4	4	3	B.,Js.
17	9	27.6	13.2	1.17	8	2	3	Ne.
	10	29.1	15.2	1.13	8	2	3	Ne.
	12	33.4	17.2	1.32	8	4	3	Ne.,Js.
	14	29.0	16.2	1.04	7	2	4	Ne.
	15	20.3	14.2	0.50	7	0	4	Ne.
18	9	13.0	10.5	0.20	8	0	4	
	10	17.4	12.7	0.38	8	0	4	
	12	17.3	15.3	0.16	8	0	4	
	14	17.0	15.0	0.16	8	0	4	
	15	17.0	14.9	0.17	8	0	4	
19	9	16.9	13.4	0.28	8	0	5	
	10	23.5	15.3	0.67	8	0	5	
	12	21.8	16.0	0.47	8	0	5	
	14	15.7	13.3	0.20	8	0	5	
	15	13.5	12.4	0.09	8	0	5	
20	9	14.6	8.3	0.51	7	1	5	
	10	20.0	10.8	0.75	7	1	5	
	12	33.2	16.0	1.40	7	2	5	
	14	36.5	17.5	1.54	7	2	5	
	15	34.5	16.7	1.45	2	5	5	
21	9	32.0	12.3	1.60	1	5	5	
	10	35.2	14.6	1.67	1	5	5	
	12	38.0	16.9	1.72	1	5	5	
	14	37.3	17.0	1.65	0	5	5	
	15	34.5	16.0	1.50	0	5	5	
22	9	31.4	13.6	1.45	0	5	5	
	10	35.4	16.8	1.51	0	5	5	
	12	36.5	20.0	1.34	1	5	5	
	14	37.7	21.6	1.31	3	4	5	
	15	20.5	16.3	0.34	8	0	4	
23	9	31.4	15.7	1.28	1	5	5	
	10	39.7	19.7	1.63	0	5	4	B.
	12	44.5	23.5	1.71	0	5	5	
	14	42.3	24.4	1.46	0	5	5	
	15	40.0	23.5	1.34	0	5	5	
24	9	34.6	16.0	1.51	0	5	5	
	10	40.1	20.1	1.63	0	5	5	
	12	43.0	23.5	1.58	0	5	5	
	14	41.1	22.6	1.50	1	5	5	
	15	37.3	20.4	1.37	1	5	5	
25	9	25.4	15.0	0.84	0	5	5	
	10	29.2	19.2	1.63	0	5	5	
	12	40.2	20.9	1.57	0	5	5	
	14	40.2	21.3	1.54	0	5	5	
	15	38.0	21.0	1.38	0	5	5	
26	9	35.5	17.0	1.51	0	5	5	
	10	38.8	18.6	1.64	0	5	5	
	12	41.5	20.6	1.70	0	5	5	
	14	41.1	22.1	1.54	0	5	5	
	15	38.2	21.2	1.38	0	5	5	
27	9	37.2	19.4	1.45	0	5	5	
	10	42.6	22.2	1.66	0	5	5	
	12	45.8	25.7	1.63	0	5	5	
	14	43.6	26.4	1.40	0	5	5	
	15	42.5	26.0	1.34	0	5	5	
28	9	36.4	21.5	1.21	7	2	4	Ne.
	10	32.2	22.0	0.83	8	0	5	
	12	40.0	25.6	1.17	3	4	5	
	14	43.6	27.6	1.30	2	5	5	
	15	48.0	27.5	1.67	1	5	5	
29	9	34.1	20.9	1.07	4	2	4	Ne.
	10	40.2	24.1	1.31	5	2	3	Ne.
	12	44.7	28.2	1.34	3	4	3	B.
	14	45.6	30.1	1.26	2	4	5	
	15	38.3	27.2	0.90	4	3	4	B.
30	9	27.0	19.9	0.58	8	1	3	B.
	10	22.4	19.5	0.24	8	0	3	B.
	12	26.0	19.0	0.57	8	0	4	B.
	14	25.1	18.9	0.50	8	1	5	
	15	19.3	18.0	0.10	8	0	5	
31	9				8	0	4	Am.
	10	18.0	16.5	0.12	8	0	3	Ne.
	12				8	0	3	Am.
	14				8	0	3	CH.
	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					0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0			6.7	10.3	65
2				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.0	10.3	87
3															0.0	10.4	00
4					0.6	0.8	0.2	0.5	1.0	1.0	1.0	1.0	0.1		6.2	10.4	60
5			0.2	0.9	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9			8.1	10.4	78
6			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.3	10.4	89
7			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.5	10.5	90
8															0.0	10.5	00
9			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.1	10.7	10.5	100
10		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	10.6	97
11			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.6	10.6	91
12															0.0	10.6	00
13															0.0	10.7	00
14		0.1	1.0	1.0	1.0	0.3		0.2			0.6	1.0	0.1		5.3	10.7	50
15							0.1	1.0	1.0	0.8	0.2				3.1	10.7	29
16															0.0	10.8	00
17															0.0	10.8	00
18															0.0	10.8	00
19															0.0	10.8	00
20			0.2		0.1	0.6	1.0	0.6	1.0	0.7	1.0	0.3			5.5	10.9	50
21			0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		9.7	10.9	89
22			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	10.6	10.9	97
23			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.3	11.0	84
24		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	11.0	94
25		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.5	11.0	95
26		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.7	11.1	96
27		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.4	11.1	94
28				0.3	0.8	0.8	1.0	1.0	1.0	1.0	0.2				6.1	11.1	55
29			1.0	0.9	1.0	1.0	1.0	1.0	1.0						6.9	11.2	62
30															0.0	11.2	00
31															0.0	11.3	00
Medias		0.0	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.1	0.0	5.7	10.8	53

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	14.0	14.8	13.4	11.1	14.8	13.4	11.6	11.8	12.0	11.7	11.8	12.1	12.3	12.5	13.6
2	10.3	12.8	12.3	10.5	11.8	11.7	10.5	10.5	10.9	11.3	11.9	11.2	13.5	13.4	13.3
3	10.9	12.2	12.4	11.1	11.5	11.7	10.6	10.4	10.7	11.0	10.9	10.9	13.2	13.2	13.1
4	12.5	14.4	13.3	11.7	12.9	12.7	10.7	11.0	11.5	11.0	11.1	11.5	13.1	13.2	13.3
5	10.7	12.5	11.6	10.6	11.7	11.4	10.5	11.2	10.6	11.2	10.9	11.2	13.4	13.2	13.2
6	10.0	13.2	11.8	9.8	11.7	11.3	9.6	10.0	10.0	10.5	10.4	10.5	13.1	13.0	13.0
7	10.2	13.4	11.9	10.0	11.8	11.5	9.8	10.0	10.0	10.6	10.4	10.5	13.0	13.0	13.0
8	11.6	11.9	11.0	11.1	11.3	10.7	10.4	10.3	10.2	11.0	10.8	10.8	13.0	13.1	13.0
9	8.4	10.6	9.4	8.5	9.8	9.4	8.8	8.8	9.1	10.0	9.6	9.7	12.6	12.4	12.3
10	7.0	10.3	9.3	7.2	9.2	9.1	7.9	8.1	8.6	9.2	8.9	9.2	12.1	11.9	11.7
11	6.8	10.3	9.8	6.9	9.0	9.1	7.4	7.7	8.4	8.7	8.5	9.0	11.7	11.5	11.4
12	9.0	10.1	10.2	8.5	9.3	9.5	8.0	8.2	8.4	8.8	8.8	8.9	11.5	11.5	11.4
13	10.0	11.0	11.0	9.4	10.1	10.1	8.6	8.8	9.0	9.0	9.2	9.4	11.5	11.5	11.7
14	9.2	10.8	10.3	8.9	9.9	9.8	8.5	8.6	8.9	9.2	9.0	9.2	11.7	11.5	11.6
15	8.0	11.7	11.4	7.8	10.0	10.4	7.8	8.2	9.0	8.8	8.6	9.2	11.4	11.3	11.4
16	10.0	12.6	11.5	9.4	11.0	11.5	8.7	9.0	9.9	9.4	9.3	9.8	11.7	11.6	11.7
17	10.2	12.7	12.1	9.7	11.3	11.3	9.3	9.5	10.0	9.9	9.8	10.1	12.1	12.1	12.1
18	11.1	12.5	12.7	10.4	11.4	11.7	9.4	9.9	10.3	10.0	10.1	10.3	12.2	12.3	12.3
19	12.1	12.9	12.3	11.3	12.0	11.5	10.2	10.4	10.4	10.5	10.5	10.7	12.5	12.5	12.6
20	10.6	12.2	11.4	10.2	11.3	11.0	9.7	9.8	10.1	10.3	10.2	10.4	12.6	12.5	12.5
21	9.2	12.0	10.8	9.0	10.9	10.5	9.0	9.2	9.8	10.0	9.8	10.1	12.4	12.4	12.3
22	8.4	11.8	12.0	8.4	10.4	10.9	8.6	8.9	9.6	9.8	9.4	9.9	12.3	12.2	12.1
23	9.5	12.4	12.2	9.3	11.8	11.7	9.2	9.6	10.4	10.0	9.9	10.4	12.2	12.3	12.4
24	10.0	13.6	12.6	9.7	12.1	11.9	9.6	10.0	10.7	10.3	10.2	10.8	12.6	12.6	12.6
25	10.5	13.5	13.0	10.2	12.1	12.1	10.0	10.2	10.8	10.6	10.5	10.9	12.8	12.6	12.9
26	10.8	14.5	13.9	10.5	12.8	11.9	10.2	10.6	11.4	10.8	10.7	11.3	13.0	13.0	13.0
27	12.3	16.2	15.1	11.6	14.2	12.9	11.0	11.6	12.2	11.4	11.4	12.3	13.4	13.4	13.8
28	13.9	17.6	16.9	13.1	15.3	15.5	12.2	12.4	13.5	12.4	12.5	13.0	14.0	14.2	14.3
29	15.1	18.4	18.2	14.2	16.1	16.7	13.1	13.5	14.3	13.1	13.3	13.8	14.7	14.8	14.9
30	17.0	17.2	17.0	15.9	16.2	15.9	14.3	14.3	14.4	14.2	14.2	14.2	15.4	15.5	15.7
31	16.2	16.2	16.2	15.2	15.4	15.3	14.0	13.8	13.9	14.0	13.9	13.9	15.5	15.5	15.5
Prom.	10.8	13.1	12.5	10.4	11.9	11.7	10.0	10.2	10.6	10.6	10.5	10.8	12.8	12.8	12.8

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	0.2	0.5	0.5	1.2							8648
2					0	0.2	0.9	0.6	2.6							8653
3					0	1.1	0.2	0.2	0.5							8652
4					0	0.1	0.5	0.8	1.7							8653
5					0	0.4	1.0	0.9	2.2	L. 7	14.0	16.3	21.6			8660
6					0	0.3	1.1	0.9	2.3							8664
7					0	0.3	2.0	1.7	4.9							8665
8					0	1.2	0.5	1.5	1.5							8668
9	0.0	0.3	0.0	0.0	0	0.5	0.8	0.9	2.1							8679
10					0	0.4	1.0	0.9	2.6							8685
11					0	0.7	1.1	1.1	3.4	L. 8	16.4	15.8	22.7			8684
12					0	1.2	0.7	0.3	1.4							8684
13	0.0	0.0	0.0	0.0	1	0.4	0.1	0.2	0.7							8687
14	0.5	0.8	0.0	0.0	0	0.4	0.6	0.4	1.2							8688
15					0	0.2	1.6	1.5	3.9	-	-	-	-			8694
16					0	0.8	1.2	0.8	2.1							8695
17					0	0.1	0.7	0.6	1.6							8698
18					0	0.3	0.3	0.4	1.2							8697
19					0	0.5	0.7	0.7	2.2							8705
20	0.0	0.0	0.0	0.0	0	0.8	1.2	1.1	2.9							8707
21					0	0.6	1.1	0.9	2.6	L. 9	11.4	14.2	21.3	22.2		8702
22					0	0.6	2.8	2.3	6.1							8703
23					0	1.0	2.7	2.7	6.4							8716
24					0	1.0	1.6	1.8	5.0							8723
25					0	1.6	2.6	1.6	5.1	L.10	12.6	15.5	18.9			8727
26					0	0.9	2.1	0.3	2.8							8732
27					0	0.4	1.7	1.4	3.4							8733
28					0	0.3	1.0	1.7	3.4							8738
29					0	0.7	1.7	1.7	3.8							8742
30	5.2	5.6	4.7	4.7	2	0.4	0.5	0.6	2.1							8741
31	4.9	5.3	4.5	4.5	2	1.0	0.3	0.1	0.7							8744
Prom.	10.6	12.0	9.2	9.2	-	0.6	1.1	1.0	2.7	-	-	-	-	-	-	8696

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		
12.5	12.7	12.8	12.9	12.9	13.0	16.8	17.8	8.2	Cn. m., Ca. t. y n., Jl.r. n.
12.8	12.9	12.7	12.9	13.0	13.1	16.1	17.7	- 5.1	Cn. m. y n., Ca. t., h.Ne. m., r. m. y n.
12.8	12.7	12.6	13.1	13.2	13.4	16.1	17.8	3.9	Cn. m. t. y n., CH. m.
12.6	12.7	12.6	13.3	13.2	13.2	16.0	17.5	8.7	Cn. m., Ca. t. y n., r. n.
12.5	12.8	12.7	13.1	13.4	13.2	16.0	17.7	- 3.2	Cn. m., Ca. t. y n., h. m., Ds. t., r. m. y n.
12.6	12.8	12.6	13.2	13.3	13.2	16.0	17.7	- 3.7	Ca. m. t. y n., h. m., r. m.
12.5	12.6	12.6	13.1	13.1	13.2	16.0	17.7	- 2.0	Ca. m. y t., Cn. n., h.r. m.
12.6	12.6	12.6	13.1	13.2	13.0	15.9	17.5	4.5	Cn. m. y t., Ca. n., LL. t.
12.5	12.2	12.0	13.1	13.1	13.0	15.9	17.5	- 4.5	Ca. m. t. y n., h. m. y n., r. n.
11.9	11.7	11.5	12.9	13.0	12.9	15.8	17.5	- 8.9	Ca. m. t. y n., h. m. y n., r. n.
11.4	11.4	11.3	12.6	12.7	12.8	15.8	17.5	- 9.0	Ca. m. t. y n., h. m., r. n.
11.2	11.2	11.1	12.7	12.8	12.7	15.7	17.4	7.5	Cn. m. t. y n., r. m., Ru. m., CH. t., Z. n.
11.3	11.2	11.2	12.5	12.7	12.6	15.7	17.4	5.5	Cn. m. t. y n., Z.Ne. t.
11.3	11.2	11.0	12.5	12.6	12.6	15.7	17.3	0.3	Ca. m. y n., Cn. t., r. m. y n.
11.1	11.1	11.0	12.4	12.5	12.5	15.6	17.4	- 5.2	Ca. m. y n., Cn. t., h.r. m.
11.1	11.3	11.2	12.5	12.5	12.4	15.7	17.3	2.4	Cn. m. t. y n., r. n.
11.5	11.6	11.5	12.3	12.4	12.4	15.6	17.3	0.0	Cn. m. y t., Ca. n., r. m., B. t.
11.6	11.8	11.8	12.5	12.5	12.5	15.5	17.3	1.4	Cn. m. t. y n.
12.0	12.0	12.0	12.6	12.6	12.6	15.5	17.2	9.0	Cn. m. t. y n.
12.0	12.1	12.0	12.5	12.6	12.6	15.5	17.3	2.4	Cn. m. t. y n., r. m.
12.0	12.0	11.8	12.5	12.6	12.6	15.5	16.9	-	Cn. m., Ca. t. y n., r. m.
12.0	12.0	11.8	12.5	12.6	12.6	15.5	17.0	- 6.6	Ca. m. y t., Cn. n., h. m., r. m. y n.
11.8	11.9	11.8	12.5	12.6	12.6	15.5	17.0	- 4.7	Ca. m. t. y n., h. m., r. m.
12.0	12.2	12.2	12.5	12.6	12.6	15.5	17.0	- 2.0	Ca. m. t. y n., Ne. m., B. t.
12.3	12.3	12.4	12.5	12.5	12.7	15.5	16.9	0.0	Ca. m. t. y n.
12.5	12.6	12.5	12.6	12.7	12.7	15.4	16.9	1.0	Ca. m. t. y n., r. m. y n.
12.7	12.9	13.1	12.8	12.8	12.8	15.3	16.9	4.5	Ca. m. y t., Cn. n., r. m.
13.4	13.5	13.5	12.9	13.0	13.0	15.5	17.0	6.2	Cn. m., Ca. t. y n., N. m.
13.9	14.1	14.2	13.0	13.1	13.2	15.3	16.9	10.2	Cn. m.y n,Ca.t,Ne.r. m,B.t,R.Ru.t y n,LL. n.
14.4	14.5	14.5	13.6	13.4	13.4	15.2	16.9	12.9	Cn. m. t. y n., LL. m. y t., Tv. n.
14.7	14.7	14.6	13.5	13.5	13.6	15.2	16.9	13.0	Cn. m. t. y n., Ne. t.
12.3	12.4	12.3	12.8	12.9	12.9	15.7	17.3	1.6	

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	63.0	76.8	9	22,23	52.0	8	3	8.2	13.8	2.8	19.8	7	15	-3.5	10	5-6	7.0	10.4	67
2ª	60.4	70.7	11	0	55.0	13	15	8.9	13.8	3.9	19.4	16	15	-3.0	11	4	2.4	10.7	22
3ª	62.1	75.2	25	8	48.3	31	16	13.3	19.4	7.0	26.9	29	14	-0.6	23	7-8	7.7	11.1	70
MES	61.9	76.8	9	22,23	48.3	31	16	10.3	15.8	4.6	26.9	29	14	-3.5	10	5-6	5.7	10.8	53

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	76	100	7	30	9	6.1	11.5	2.0	NW	11	48	7	31	7	11-12	42	SE	8	5.04	0.3	0.3	8	-	-	-
2ª	77	100	11,13, 14,17,18	31	20	6.5	10.2	3.4	SE	10	48	15	31	15	11-12	34	NW	15	11.20	0.8	0.8	13	-	-	-
3ª	73	100	(23,25, 26,28	21	23	8.5	15.6	3.0	NE	12	60	22	37	22	9-10 10-11	49	W	22	10.13	10.9	5.6	30	2.5	30	6-7
MES	75	-	-	21	23	7.1	15.6	2.0	NE	11	60	22	37	22	9-10 10-11	49	W	22	10.13	12.0	5.6	30	2.5	30	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	-	2	-	-	-	-	1	1	-	1	-	-	-	-	-	-
2ª	-	1	2	-	-	-	-	1	2	-	1	-	-	-	-	1	-
3ª	-	1	3	1	-	-	-	2	-	-	1	-	-	-	-	1	1
MES	-	2	7	1	-	-	-	4	3	-	3	-	-	-	-	2	1

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Gelinda blanda	Gelinda dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	1	-	3	1	-	-	8	2	2	-	-
2ª	6	-	-	-	-	-	-	3	-	-	-	4	6	2	-	-
3ª	5	-	-	-	-	-	-	-	-	-	-	9	2	-	1	-
MES	17	-	-	-	-	1	-	6	1	-	-	21	10	4	1	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV SEPTIEMBRE 1949 Nº 9

RESUMEN MENSUAL

Vientos del sector SE, provocan durante los primeros tres días de este mes un tiempo nublado, húmedo y frío. Sólo con el cambio de viento al SW el día 4, aclara completamente el cielo y en una masa de aire polar continental que cubre todo el país, se registra el último período invernal de este año. En los cuatro días siguientes, el mínimo diario es inferior a 0.0°C; el día 6 alcanza el valor mínimo mensual, con -1.8°C. La tensión del vapor había entregado ya su valor mínimo del mes dos días antes, con 2.8 mm. Aunque después del día 7 no se registran más temperaturas bajo cero en la casilla meteorológica, el tiempo invernal sigue hasta fines de la primera década con nubosidad variable y con vientos prevalentes provenientes del mar.

Las características de aire polar marítimo, determinan también el tiempo en la primera mitad de la segunda década. Las temperaturas son en general inferiores al término medio, la humedad es muy elevada y la nubosidad considerable. En este aire se registra el valor máximo mensual de presión atmosférica con 773.3 mm. Con el desarrollo de una depresión barométrica sobre Uruguay, baja la presión considerablemente el día 16 y en este día, completamente cubierto, se registra la primera lluvia intensa de la primavera con 25.5 mm, valor que significa más de la mitad de la lluvia mensual. Desde el día 17 mejora el tiempo y a partir del 18, se hace notar un considerable aumento de la temperatura, en parte por la fuerte irradiación y en parte por la llegada de aire más cálido del sector N.

Este tiempo bueno y caluroso reina también durante los primeros días de la última década. El día 22 alcanza la temperatura su valor máximo con 27.3°C y la tensión del vapor con 16.5 mm el día 23. En este día se desarrolla una intensa depresión, sobre el sud de la Prov. de Buenos Aires, por lo que la presión baja hasta 745.6 mm, siendo éste el valor mínimo mensual, ocurriendo en la madrugada del 24, en la que se registran también lluvias y vientos fuertes. En el día siguiente penetra aire más seco y fresco desde el sud hasta el Río de la Plata y se establecen condiciones normales para el principio de la primavera. En los últimos días del mes se acerca del N, una extensa zona lluviosa, que origina ligeras lluvias durante el 29 y 30.

Las frecuentes situaciones anticiclónicas, hacen que el promedio mensual de la presión varíe por +1.3 mm del valor normal y que el promedio de la humedad esté por debajo del término medio. La lluvia caída es también en este mes deficiente. Hay un exceso de la heliofanía, expresada aún en una pequeña desviación positiva del promedio mensual de la temperatura.

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	26	-	-	-	-	24	42	78	112	162	135	103	94	96	71
2	112	85	101	87	66	73	85	107	126	139	133	144	117	87	85
3	82	89	71	62	75	89	96	142	130	-	-	52	43	39	121
4	96	78	89	66	68	62	69	56	56	56	42	34	9	- 7	- 4
5	71	50	56	62	54	60	62	71	71	75	62	46	44	±∞	26
6	58	50	56	62	71	66	69	71	91	112	98	96	82	85	89
7	22	9	22	-	-	-	-	-	50	103	85	85	62	54	66
8	56	50	40	42	42	56	18	18	24	46	38	22	26	58	62
9	91	87	105	42	96	69	71	62	42	56	50	58	52	56	54
10	69	56	56	50	32	38	24	42	30	54	52	85	80	71	71
11	80	71	60	40	34	34	22	16	14	14	16	14	22	16	30
12	22	14	-	-	14	16	16	44	52	85	117	121	101	73	160
13	28	18	24	25	33	22	37	55	75	112	71	66	62	117	149
14	64	91	52	54	34	64	85	94	91	142	130	112	71	71	142
15	24	36	42	52	56	36	42	50	54	38	±∞	58	75	121	119
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
17	66	69	54	71	80	42	44	41	117	160	139	130	94	85	89
18	58	54	73	71	66	56	46	103	68	65	53	50	51	50	82
19	66	52	50	73	78	103	103	199	158	105	107	98	89	85	87
20	75	69	50	62	56	75	91	107	62	66	69	80	82	80	73
21	54	52	42	-	-	-	-	-	75	94	85	71	38	30	34
22	22	27	28	-	-	43	44	28	46	44	58	56	54	66	87
23	46	30	46	30	38	26	14	26	14	46	36	52	91	64	85
24	-	-	-	-	-	-	-	-	30	42	68	71	71	66	73
25	85	66	75	71	71	87	96	103	34	-12	- 9	18	28	38	52
26	64	64	69	75	91	85	58	73	66	103	89	60	87	119	146
27	94	62	85	48	32	54	36	71	87	94	58	87	146	117	101
28	9	18	38	36	18	18	38	46	22	30	44	46	32	46	54
29	-	-	-	-	-	-	-	-	44	30	-23	9	36	42	32
30	31	19	22	16	33	34	24	43	-	-	-	-	-	-	-
31															
Prom	69.9	64.6	62.8	59.4	60.1	60.2	65.1	90.0	85.4	99.9	89.3	91.4	77.6	78.0	92.4

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	-	-	-	-	-	-	-	-	1.44	1.24	2.68	1.16	1.59	2.18	3.77	0.73
2	11.76	4.07	15.83	2.94	19.23	8.17	27.40	2.36	0.28	0.25	0.53	1.12	1.34	1.01	2.35	1.33
3	-	-	-	-	-	-	-	-	0.58	0.60	1.18	0.97	1.06	0.83	1.89	1.28
4	11.66	8.33	19.99	1.40	11.33	10.17	21.50	1.11	0.78	0.67	1.45	1.16	1.10	1.01	2.11	1.09
5	10.23	9.36	19.59	1.10	8.59	8.80	17.39	0.97	1.03	0.86	1.89	1.20	0.92	1.48	2.40	0.62
6	6.15	5.61	11.76	1.09	6.97	3.61	10.58	1.92	0.60	0.58	1.18	1.03	0.91	0.75	1.66	1.22
7	6.56	9.46	16.02	0.70	5.80	6.58	12.38	0.88	0.84	0.88	1.72	0.95	0.47	0.63	1.10	0.75
8	8.28	11.30	19.58	0.73	5.67	4.02	9.69	1.42	0.54	0.65	1.19	0.83	0.49	0.44	0.93	1.11
9	10.36	4.89	15.25	2.11	5.94	6.61	12.55	0.90	0.59	0.48	1.07	1.23	0.84	0.85	1.69	0.99
10	7.91	4.53	12.44	1.68	19.90	12.38	23.28	0.88	0.39	0.30	0.69	1.30	1.17	1.17	2.34	1.00
11	-	-	-	-	3.38	5.57	8.95	0.61	0.37	0.37	0.74	1.00	0.32	0.36	0.68	0.89
12	6.66	4.52	11.18	1.47	2.95	3.53	6.48	0.83	0.47	0.50	0.97	0.94	0.27	0.28	0.55	0.97
13	6.38	3.49	9.87	1.85	2.65	4.20	6.85	0.64	0.32	0.26	0.58	1.23	0.30	0.29	0.59	1.03
14	2.31	3.49	5.80	0.67	2.91	5.41	8.32	0.54	0.22	0.20	0.42	1.10	0.39	0.52	0.91	0.75
15	4.66	6.10	10.76	0.76	-	-	-	-	0.58	0.55	1.13	1.05	1.08	0.53	1.61	2.04
16	-	-	-	-	-	-	-	-	-	-	-	-	1.49	1.40	2.89	1.06
17	-	-	-	-	12.00	11.27	23.27	1.07	0.74	0.58	1.32	1.28	1.46	1.24	2.70	1.18
18	8.00	10.35	18.35	0.77	8.38	7.53	15.91	1.11	0.97	1.03	2.00	0.94	1.03	1.03	2.06	1.00
19	4.20	5.62	9.82	0.73	6.83	5.98	12.81	1.12	0.52	0.53	1.05	0.98	0.98	0.86	1.84	1.14
20	5.19	3.07	8.26	1.68	3.94	5.19	9.13	0.75	0.69	0.54	1.23	1.28	1.10	1.06	2.16	1.06
21	7.12	6.28	13.40	1.12	4.10	2.74	6.84	1.50	0.82	0.80	1.62	1.02	0.43	0.44	0.87	0.98
22	6.63	6.48	13.11	1.02	0.89	1.13	2.02	0.79	0.88	0.80	1.68	1.10	0.88	0.99	1.87	0.89
23	2.36	1.75	4.11	1.35	7.81	6.60	14.41	1.20	0.25	0.19	0.44	1.32	0.76	0.84	1.60	0.90
24	6.75	7.02	13.77	0.96	6.32	7.64	13.96	0.82	0.68	0.72	1.40	0.94	0.83	0.82	1.65	1.01
25	7.56	7.67	15.23	0.98	8.08	7.64	15.72	1.05	0.82	1.02	1.84	0.80	1.16	1.17	2.33	0.99
26	2.90	3.81	6.71	0.78	4.38	3.66	8.04	1.21	0.32	0.41	0.73	0.78	0.52	0.46	0.98	1.13
27	3.66	3.57	7.23	1.02	3.01	3.32	6.33	0.91	0.43	0.39	0.82	1.10	0.35	0.40	0.75	0.88
28	6.69	7.96	14.65	0.84	6.37	8.49	14.86	0.75	0.98	1.06	2.04	0.92	0.86	0.82	1.68	1.05
29	5.92	8.00	13.92	0.74	3.72	12.53	16.25	0.30	0.75	0.80	1.55	0.94	0.57	0.47	1.04	1.21
30	2.96	4.66	7.62	0.63	3.86	7.29	11.15	0.53	0.40	0.48	0.88	0.83	0.36	0.44	0.80	0.82
31																
Prom.	6.51	6.06	12.57	1.16	6.38	6.54	12.92	1.01	0.63	0.61	1.24	1.05	0.84	0.82	1.66	1.04

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
80	94	80	75	78	98	117	123	107		∞	-∞	-	3*
66	94	94	87	68	80	80	54	54	92.7	215	- 9	224	1
151	139	103	121	119	107	107	114	105		181	28	153	0*
- 5	28	46	42	50	52	62	44	42		204	-91	295	2
50	62	60	58	48	32	-	54	54		∞	-∞	-	3*
87	80	71	130	∞	∞	26	9	12		∞	-126	-	3*
46	64	89	121	-	40	9	22	42		270	-50	320	2*
52	50	50	-	75	107	105	112	117		158	- 4	162	1*
66	54	78	103	42	54	85	78	78	67.9	224	-75	299	1
78	52	58	66	75	26	46	34	46	53.8	158	-27	185	1
22	24	85	40	14	58	56	26	26		121	-22	143	2
155	158	194	48	62	50	71	42	38		231	-52	283	1*
187	144	167	162	87	103	75	54	58	80.4	261	5	256	0
130	112	178	85	66	66	56	50	32	86.3	240	-18	258	1
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
60	96	38	46	58	71	85	60	54		133	-75	208	1*
85	121	112	123	71	69	89	89	89	88.7	233	9	224	0
85	121	187	153	114	85	87	85	58	80.0	265	18	247	0
94	96	91	139	71	112	94	52	54	94.0	240	-20	260	1
71	58	52	54	60	62	52	54	60	67.5	162	18	144	0
22	34	9	12	30	32	42	42	40		126	-32	158	2*
80	34	-10	- 9	-20	30	±∞	45	45		∞	∞	-	3*
73	52	75	80	62	-	-	-	-		194	-98	292	2*
80	85	94	32	30	51	80	89	62		256	-14	270	1*
58	85	64	82	54	62	62	62	66		204	-59	263	2
-	-	94	38	38	42	42	56	54		199	- 9	208	1*
103	117	133	121	78	9	7	12	9		194	-46	240	2
56	62	-10	-	-	-	-	-	-		∞	-∞	-	3*
26	85	20	42	64	48	54	71	48		∞	-187	-	2*
-	-	-	-	-	38	34	38	55		∞	-∞	-	2*
95.8	94.7	113.0	108.0	72.7	73.0	73.8	61.1	58.8	79.0				

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^-
133	121	94	10.81	11.81	1020	1224	2244	0.83	0.21	1.12
121	135	94	2.38	7.36	675	681	1356	0.99	1.46	0.52
43	52	130	2.04	8.19	570	1165	1735	0.49	-	-
34	34	30	1.64	2.11	1037	1136	2173	0.91	-	-
58	54	60	3.40	4.80	1079	1591	2670	0.68	1.02	1.36
94	101	82	3.97	4.54	1285	1247	2532	1.03	1.84	0.72
71	85	78	4.87	2.86	566	1165	1731	0.48	-	-
38	36	58	1.43	1.80	916	111	1027	8.25	-	-
54	62	46	2.21	2.59	341	553	894	0.62	-	1.79
54	82	50	1.89	3.90	614	570	1184	1.08	0.71	0.65
12	16	22	0.39	0.50	191	486	677	0.39	1.09	1.22
110	119	146	3.85	2.68	798	792	1590	1.01	1.73	1.15
73	78	153	1.51	3.01	398	796	1194	0.50	1.38	1.98
110	121	117	1.69	4.72	431	283	714	1.52	2.30	0.64
- 5	44	-	1.66	-	907	614	1521	1.48	0.59	0.96
-	-	94	-	9.06	1406	1079	2485	1.30	2.38	1.02
135	135	89	5.94	8.01	622	1104	1726	0.56	-	-
53	50	146	3.33	10.02	859	683	1542	1.26	0.93	-
105	94	96	3.36	5.89	513	675	1188	0.76	-	-
66	73	50	2.99	3.60	1039	1020	2059	1.02	-	-
75	75	26	4.05	0.75	907	916	1823	0.99	-	0.42
48	54	5	3.02	0.31	553	624	1177	0.89	0.72	-
32	62	50	0.91	2.67	172	490	662	0.35	-	2.01
80	66	85	3.08	4.68	1593	1532	3125	1.04	1.36	1.31
- 2	5	80	0.31	6.21	740	1224	1964	0.60	-	0.47
80	36	-	0.88	-	368	283	651	1.30	0.55	1.28
71	80	130	2.19	3.25	398	610	1008	0.65	0.46	0.95
46	44	66	2.99	3.70	737	737	1474	1.00	2.14	0.75
-77	20	158	1.03	5.48	853	796	1649	1.07	2.14	1.73
-	-	-	-	-	1683	454	2137	3.71	3.08	0.43
61	69	83	2.78	4.61	776	821	1597	1.22	1.37	1.07

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	55.5	53.7	53.9	54.6	55.7	56.9	57.1	57.2	57.1	57.6	57.9	58.0	57.5	58.6	58.9
2	61.6	61.2	61.0	61.3	61.3	61.4	61.9	62.6	62.5	61.9	61.5	61.3	60.7	60.2	60.0
3	60.7	60.4	59.7	58.8	58.8	58.9	59.2	59.2	58.8	58.7	57.9	57.9	57.1	56.7	56.1
4	58.9	58.8	58.4	58.1	58.7	59.0	59.4	60.0	60.2	60.7	61.1	61.5	61.5	61.8	61.9
5	65.7	65.9	65.9	66.1	66.4	67.0	67.4	68.3	68.5	68.6	68.6	68.5	68.3	68.3	68.3
6	71.2	71.2	71.2	71.3	71.8	72.3	72.6	73.0	73.1	73.0	73.0	72.8	72.4	71.4	71.3
7	72.1	71.2	71.3	71.7	71.6	71.7	72.0	72.6	72.7	72.7	72.6	72.0	71.2	70.4	69.7
8	67.3	66.7	66.3	66.0	65.9	65.9	65.9	66.0	65.6	65.7	65.3	64.6	64.3	63.3	62.4
9	61.7	61.5	61.4	61.5	61.4	61.5	61.8	62.0	62.0	62.1	62.1	61.5	61.5	61.2	61.0
10	62.3	62.4	62.3	62.6	62.7	63.2	63.8	64.0	64.3	64.2	64.1	63.6	63.4	63.1	63.1
11	64.9	64.6	64.3	64.5	64.8	64.9	65.4	65.7	65.9	66.0	65.9	65.8	65.4	65.0	64.8
12	67.3	67.3	67.4	67.5	67.7	68.0	68.4	68.8	68.8	68.8	68.7	68.5	68.4	68.1	68.0
13	70.9	70.8	70.3	70.4	70.7	70.8	70.9	70.9	71.0	71.0	71.0	70.7	70.3	70.0	70.0
14	72.8	72.4	71.9	72.0	72.3	72.7	72.9	73.2	73.3	73.3	73.3	72.5	72.4	71.4	71.2
15	71.0	70.6	69.9	69.6	69.4	69.4	69.7	69.7	69.6	69.3	69.0	68.0	66.9	66.0	65.7
16	62.0	61.0	61.1	60.4	59.0	58.5	58.4	58.4	57.4	57.5	57.6	57.7	57.7	58.1	58.3
17	62.3	62.3	62.2	62.5	62.9	63.3	64.2	64.4	64.3	64.0	63.9	63.7	63.1	62.6	62.1
18	62.4	62.2	61.9	61.8	61.9	62.0	62.0	61.8	61.6	61.0	60.5	59.9	58.8	58.2	57.5
19	57.9	57.7	57.5	57.5	56.6	57.6	58.1	58.2	58.4	58.2	58.1	57.9	57.4	57.0	56.9
20	59.6	59.1	58.8	58.4	58.4	58.9	59.7	60.1	60.5	60.8	60.8	60.7	60.4	60.2	60.2
21	61.0	61.1	60.6	60.7	60.7	60.9	61.8	61.8	61.9	61.9	61.8	61.1	60.5	59.9	59.5
22	59.0	58.8	58.6	58.8	58.9	59.3	59.6	60.0	60.0	60.0	59.7	59.5	59.0	58.4	58.1
23	58.5	58.5	58.3	58.1	58.1	58.3	58.1	58.0	57.4	57.3	56.8	55.9	55.2	54.6	53.9
24	48.9	47.8	46.4	46.4	45.6	48.0	47.0	48.6	49.4	50.5	51.2	51.6	51.7	52.6	53.0
25	57.1	57.4	57.5	58.1	58.5	59.9	60.5	61.2	60.8	60.6	60.8	60.6	60.7	60.4	60.5
26	62.2	62.0	61.6	61.0	60.5	60.9	61.4	61.9	61.9	61.6	61.4	60.9	60.4	59.6	58.8
27	58.4	58.0	57.6	57.5	57.8	57.5	59.4	59.6	59.5	59.7	59.7	59.3	59.1	58.8	58.5
28	59.8	59.7	59.0	59.0	58.9	58.9	58.8	58.6	58.2	57.8	57.3	56.8	55.8	55.0	54.4
29	56.7	56.8	57.6	55.9	56.8	57.3	57.9	58.4	58.6	59.8	59.9	59.1	58.7	57.8	57.8
30	59.3	58.7	58.6	58.6	57.6	58.1	58.0	59.0	59.3	58.4	57.8	57.4	57.1	56.8	56.8
31															
Prom	62.3	62.0	61.8	61.7	61.7	62.1	62.5	62.8	62.8	62.8	62.6	62.3	61.9	61.5	61.3

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	11.4	11.4	11.6	10.2	9.7	9.2	9.3	9.3	9.7	10.8	12.8	13.4	13.8	13.9	13.5
2	6.6	6.8	6.9	7.0	7.1	7.2	7.1	7.9	9.3	11.0	12.7	13.3	14.1	14.5	14.3
3	8.7	8.7	8.1	7.8	7.6	7.5	7.6	8.0	8.5	9.7	10.5	11.4	12.4	13.1	13.9
4	4.4	4.7	4.9	4.4	3.8	3.6	3.2	6.8	8.6	10.2	11.5	12.0	12.0	12.0	11.8
5	-0.1	0.0	0.1	0.1	-0.2	-0.6	-0.7	2.7	2.9	5.9	7.0	7.1	8.2	7.4	8.1
6	-0.7	-1.4	-1.5	-1.5	-1.8	-1.8	-1.7	2.3	6.0	8.4	10.3	10.4	12.1	12.4	12.8
7	1.6	1.2	1.2	0.7	0.8	0.6	0.7	5.7	9.3	11.2	12.8	14.0	15.4	14.7	14.5
8	8.2	7.9	8.0	8.0	8.0	8.0	8.1	10.3	11.4	12.9	12.5	12.1	12.6	13.9	14.6
9	7.7	7.6	7.1	5.9	5.0	5.6	6.5	10.3	13.6	15.8	17.2	17.8	18.9	18.9	18.7
10	4.7	3.4	3.2	3.1	3.5	2.9	5.0	6.2	6.8	10.3	11.9	13.5	15.0	15.8	15.4
11	8.5	8.3	8.7	8.9	9.0	9.1	9.2	11.8	12.8	13.5	14.3	14.9	15.2	15.2	15.1
12	9.9	10.1	10.8	10.8	10.6	10.7	10.6	12.7	13.7	14.0	15.4	15.7	15.7	15.8	15.8
13	4.7	3.8	3.4	3.3	3.5	4.0	5.0	8.0	10.5	12.1	12.8	14.7	14.7	14.9	14.9
14	9.0	8.6	6.4	5.4	5.1	4.0	4.4	8.4	10.6	12.1	13.0	13.4	14.1	14.2	14.0
15	7.4	8.4	9.2	9.2	9.2	9.3	9.4	10.9	11.7	12.9	14.4	14.3	14.8	14.3	13.5
16	11.2	11.1	11.1	11.0	10.8	10.5	10.3	10.2	10.0	10.2	10.3	10.7	10.9	11.1	11.8
17	5.7	5.7	5.9	5.7	5.3	4.9	5.4	10.0	13.3	15.8	17.7	19.4	19.2	20.0	20.0
18	10.9	10.9	10.4	10.0	10.0	10.0	10.6	13.6	15.4	16.9	18.2	19.2	20.0	20.0	20.1
19	11.4	10.7	9.8	9.2	8.4	8.6	8.8	14.3	17.6	19.7	20.8	20.7	21.3	22.7	21.5
20	8.8	8.5	8.1	8.0	9.2	9.7	10.5	15.2	18.7	21.4	22.4	23.2	23.7	23.8	23.6
21	8.4	8.2	8.0	7.7	7.7	7.1	10.2	16.6	18.4	21.4	22.5	23.9	24.6	24.8	24.7
22	13.6	13.9	13.5	13.3	12.1	11.8	13.8	17.4	19.4	21.8	24.2	25.9	26.5	27.1	27.0
23	14.0	14.2	14.3	13.8	13.3	13.5	14.3	17.0	19.4	21.4	23.6	24.4	24.5	24.7	25.6
24	20.9	20.4	22.0	20.8	20.7	20.5	20.2	21.3	20.5	19.0	20.2	21.5	22.6	23.5	24.0
25	9.3	8.9	8.7	7.8	9.8	10.4	11.2	14.2	16.8	18.3	19.8	20.4	21.5	22.0	21.9
26	9.4	8.8	8.6	8.4	8.7	8.7	10.1	15.2	17.0	17.9	18.3	18.3	18.5	18.5	18.5
27	9.7	8.6	7.8	7.2	6.6	7.5	9.8	13.2	16.7	18.7	19.1	20.0	19.9	20.2	20.1
28	14.3	15.3	15.4	15.5	15.3	15.5	16.0	17.9	18.8	19.6	19.8	20.4	21.2	21.9	22.1
29	15.0	14.5	14.7	14.7	14.8	14.8	14.9	15.0	15.3	15.3	15.5	16.1	16.1	16.4	16.2
30	14.4	14.3	13.9	13.8	13.6	13.4	13.9	13.8	13.9	13.9	14.0	14.3	14.4	14.7	14.7
31															
Prom	9.0	8.8	8.7	8.3	8.2	8.2	8.8	11.5	13.2	14.7	15.8	16.5	17.1	17.4	17.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.3	59.6	60.3	60.7	60.9	61.6	62.0	62.0	61.7	62.0	22,23	53.7	2	8.3	758.3 mm.	1011.0 mb.
59.2	60.5	60.7	61.0	61.2	61.0	60.9	61.3	61.1	62.6	8	59.2	16	3.4	61.1	1014.8
56.1	56.4	57.0	57.4	57.4	57.2	57.2	58.0	58.9	61.1	0	56.1	15,16	5.0	58.1	1010.8
62.2	62.6	63.3	63.9	64.8	65.2	65.4	65.4	65.4	65.4	22-24	58.1	4	7.3	61.6	1015.4
68.5	68.9	69.4	70.1	70.6	70.7	71.0	71.2	71.3	71.3	24	65.4	0	5.9	68.5	1024.6
71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.7	71.8	73.1	9	71.2	1-3	1.9	71.9	1029.2
69.1	68.8	68.6	68.3	67.9	67.9	67.8	67.8	67.8	72.7	9,10	67.8	22-24	4.9	70.4	1027.2
61.9	61.7	61.7	61.9	62.2	62.2	62.0	61.9	62.2	67.8	0	61.7	17,18	6.1	64.1	1018.8
61.1	61.4	61.6	61.9	62.0	62.1	62.2	62.2	62.2	62.2	22-24	61.0	15	1.2	61.7	1015.6
63.0	63.6	64.0	64 1	64.6	64.9	65.0	65.2	64.9	65.2	23	62.2	0	3.0	63.7	1018.2
64.9	65.3	65.4	65.6	66.1	66.6	67.0	67.0	67.2	67.2	24	64.3	3	2.9	65.5	1020.6
68.2	68.6	68.9	69.5	70.2	70.3	70.5	70.5	70.9	70.9	24	67.2	0	3.7	68.7	1024.9
70.1	70.5	71.0	71.8	72.2	72.4	72.6	72.7	73.0	73.0	24	70.0	14,15	3.0	71.1	1028.1
71.2	71.4	71.8	71.8	71.8	71.7	71.7	71.7	71.2	73.3	9-11	71.2	15,16,24	2.1	72.2	1029.6
66.0	66.1	66.3	66.5	66.4	66.8	65.4	64.2	62.9	71.2	0	62.9	24	8.3	67.7	1023.6
58.8	59.3	60.2	60.6	61.2	61.4	61.5	61.9	62.2	62.9	0	57.4	9	5.5	59.6	1012.8
62.3	62.3	62.4	62.6	63.0	63.1	63.0	62.8	62.5	64.4	8	62.1	15	2.3	63.0	1017.3
57.1	57.1	56.4	56.5	57.3	57.3	57.4	57.5	57.9	62.5	0	56.4	18	6.1	59.5	1012.6
56.8	57.0	57.2	57.6	57.8	57.8	58.7	59.3	59.6	59.6	24	56.8	16	2.8	57.8	1010.4
60.3	60.4	60.6	61.0	61.2	61.5	61.6	61.6	61.3	61.6	22,23	58.4	4,5	3.2	60.2	1013.6
59.0	58.8	58.9	59.1	59.4	59.6	59.5	59.2	59.2	61.9	9,10	58.8	17	3.1	60.3	1013.7
58.0	58.1	58.4	58.8	59.2	59.3	59.3	59.4	59.3	60.6	8-10	58.0	16	2.0	59.1	1012.1
53.1	52.9	52.6	52.4	52.0	52.1	51.4	50.9	49.9	59.3	0	49.9	24	9.4	55.2	1006.9
53.1	53.7	54.4	54.8	55.2	55.9	56.5	56.8	56.9	56.9	24	45.6	5	11.3	51.6	1002.1
60.4	60.5	60.8	61.5	62.1	62.4	62.3	62.6	62.6	62.6	23,24	56.9	0	5.7	60.4	1013.8
58.8	58.6	58.6	58.5	58.7	58.8	58.6	58.4	58.4	62.6	0	58.4	23,24	4.2	60.1	1013.4
58.2	58.3	58.6	59.0	59.6	59.9	59.1	60.0	60.0	60.0	23,24	57.5	4,6	2.5	58.9	1011.8
53.8	53.7	53.8	55.1	56.0	56.3	56.3	56.1	56.5	60.0	0	53.7	17	6.3	56.9	1009.2
58.3	58.2	58.5	59.2	59.6	60.0	60.2	60.1	59.5	60.2	22	55.9	4	4.3	58.4	1011.2
55.9	55.0	54.8	54.6	55.2	55.3	55.4	55.0	54.1	59.5	0	54.1	24	5.4	56.9	1009.2
61.2	61.4	61.6	61.9	62.2	62.4	62.4	62.5	62.4	64.4		59.7		4.7	62.1	1016.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.9	12.2	11.7	11.3	10.6	9.5	8.3	7.4	6.6	13.9	14	6.6	24	7.3	10.8
14.0	12.6	11.1	10.2	9.1	8.6	8.4	8.5	8.8	14.5	14	6.6	1	7.9	9.8
13.6	12.6	11.6	10.8	8.4	7.4	5.9	4.8	4.1	13.9	15	4.1	24	9.8	9.3
11.6	10.2	8.5	6.8	5.4	4.4	3.2	1.4	-0.2	12.0	12-14	-0.2	24	12.2	6.9
8.1	7.9	5.8	3.7	1.8	2.4	1.6	0.8	0.3	9.0	12-13	-1.0	6-7	10.0	3.3
12.3	11.7	9.2	6.0	3.7	3.3	1.2	1.3	1.5	12.8	15	-1.8	5,6	14.6	4.8
14.1	13.4	10.9	9.1	8.5	8.3	7.4	7.7	8.3	15.4	13	0.1	6-7	15.3	8.0
14.3	13.8	13.0	13.6	12.3	12.3	11.8	10.8	9.0	14.6	15	7.9	2	6.7	11.1
18.5	17.2	14.7	11.7	9.1	7.3	6.6	6.8	5.4	19.0	15-16	4.0	5-6	15.0	11.4
15.1	13.1	11.7	9.5	8.0	6.5	6.7	7.5	8.0	15.8	14	2.9	6	12.9	8.6
14.6	13.9	12.5	11.5	10.4	9.9	10.0	10.1	9.9	15.2	13,14	8.3	2	6.9	11.6
15.6	14.5	12.5	10.8	9.6	8.4	7.3	7.1	5.3	15.8	14,15	5.3	24	10.5	11.8
13.5	12.4	11.5	10.5	9.5	9.4	9.4	9.3	9.1	14.9	14,15	3.3	4	11.6	9.4
12.7	12.1	10.7	9.2	8.5	8.0	6.9	7.0	7.2	14.2	14	3.3	6-7	10.9	9.4
12.9	11.8	10.9	10.7	10.2	10.2	10.2	10.1	11.0	14.9	12-13	7.4	1	7.5	11.1
11.6	11.4	10.8	10.7	9.6	9.1	8.6	7.6	6.8	11.8	15	6.7	23-24	5.1	10.3
19.8	18.4	16.0	14.1	13.6	12.8	12.4	12.8	11.4	20.3	13-14	4.2	6-7	16.1	12.7
19.9	18.2	16.3	14.6	14.3	13.5	13.4	13.6	13.8	20.2	14-15	9.9	4-5	10.3	14.7
21.4	20.7	18.0	15.4	13.4	11.4	10.9	9.4	9.3	22.7	14	7.9	6-7	14.8	14.8
23.0	21.8	19.2	16.2	13.3	11.3	10.8	9.9	9.0	24.0	14-15	8.0	4	16.0	15.4
24.3	22.4	19.3	17.9	16.8	15.9	14.8	14.3	13.6	25.2	13-14	7.1	6	18.1	16.4
26.5	24.7	21.0	18.9	17.1	16.3	15.9	15.1	14.2	27.3	14-15	12.1	5	15.2	18.8
26.7	24.5	22.6	21.3	21.8	21.6	21.1	21.4	20.9	27.2	15-16	13.3	5	13.9	20.0
24.0	23.4	21.3	18.9	16.7	14.3	12.8	12.4	10.7	24.3	14-15	10.7	24	13.6	19.7
21.7	20.9	18.2	16.1	14.0	12.2	11.1	10.5	10.1	22.2	14-15	7.8	4	14.4	14.8
18.6	17.4	15.8	15.3	13.5	13.5	13.4	12.7	11.6	18.9	13-14	8.4	4	10.5	14.0
19.8	19.4	17.3	15.0	14.0	13.5	13.8	14.0	14.1	20.2	14	6.6	5	13.6	14.4
21.9	21.1	20.0	17.3	17.0	16.9	16.5	16.1	15.3	22.3	15-16	14.3	1	8.0	18.0
15.9	15.7	15.5	15.0	14.5	14.5	14.6	14.5	14.4	16.4	14	14.4	24	2.0	15.2
14.6	14.5	14.3	14.1	14.0	14.0	14.0	14.0	13.8	15.1	0-1	13.4	6	1.7	14.1
17.1	16.1	14.4	12.9	11.6	10.9	10.3	10.0	9.4	17.8		6.7		11.1	12.4

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	97	97	97	98	97	96	95	94	93	87	80	77	76	75	75
2	94	88	84	84	84	82	85	85	77	65	63	64	64	52	61
3	87	89	90	90	90	91	92	90	88	85	82	79	73	68	64
4	100	96	96	97	100	100	100	72	67	66	57	52	36	28	27
5	82	74	80	80	84	87	86	72	68	59	51	45	38	38	37
6	100	100	99	99	99	99	99	85	72	59	51	50	47	46	44
7	94	96	99	100	100	100	100	83	59	50	46	41	36	45	43
8	69	74	74	76	80	83	85	76	67	61	67	69	63	61	59
9	96	96	96	95	95	95	94	94	73	60	52	49	47	46	52
10	100	99	100	100	100	100	100	100	100	76	70	64	60	57	61
11	93	91	87	91	90	90	92	86	78	74	72	72	70	67	67
12	94	93	85	86	86	86	86	74	68	64	60	54	54	53	52
13	94	96	98	98	96	95	93	89	79	74	73	60	53	57	55
14	82	85	96	99	99	100	98	81	71	67	63	59	59	60	60
15	96	88	80	82	86	86	86	81	70	66	66	65	65	63	66
16	94	94	96	97	97	97	97	97	97	95	95	96	93	90	85
17	96	98	99	99	100	100	100	92	72	67	60	56	50	50	48
18	85	82	85	87	87	89	85	75	70	63	55	55	50	48	49
19	100	100	100	100	100	100	100	89	74	65	60	56	52	50	50
20	97	98	98	99	99	92	97	87	72	46	34	32	26	24	25
21	87	87	82	83	80	73	70	50	46	42	42	36	34	33	34
22	81	79	81	80	85	84	76	63	56	49	40	37	36	35	35
23	83	80	80	82	85	80	75	64	59	56	58	48	57	56	58
24	78	82	64	82	76	82	85	85	77	78	68	57	53	44	44
25	98	97	91	97	79	84	79	64	48	40	39	40	40	39	38
26	95	96	92	94	98	98	93	78	70	63	63	61	65	66	63
27	99	99	100	100	100	100	100	97	84	77	77	72	70	62	62
28	93	91	92	93	98	98	93	88	82	82	82	82	82	82	81
29	97	98	99	99	99	100	100	91	90	89	88	87	87	86	87
30	96	97	97	97	97	91	90	94	96	96	96	95	95	95	95
31															
Prom.	92	91	90	92	92	92	91	82	74	67	64	60	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	9.5	9.5	9.0	8.5	8.0	8.0	8.2	8.0	8.0	8.5	8.5	9.0	8.9	8.0
2	6.6	6.4	6.0	6.2	6.2	6.2	6.2	6.7	6.8	6.2	6.8	7.0	7.4	7.7	7.6
3	7.2	7.2	7.0	6.8	6.8	7.0	7.2	7.2	7.2	7.4	7.8	7.6	7.6	7.6	7.4
4	6.0	6.2	6.2	6.0	5.8	5.6	5.6	5.3	5.6	6.2	5.8	5.4	3.8	3.0	2.8
5	3.6	3.2	3.4	3.4	3.6	3.8	3.8	4.4	3.8	4.0	3.8	3.2	3.0	2.9	3.0
6	4.2	4.0	4.0	4.0	3.8	3.8	3.8	4.7	5.0	4.6	4.8	4.4	5.0	4.9	4.6
7	4.6	4.8	4.8	4.6	4.6	4.6	4.6	5.7	5.0	4.6	5.2	5.0	4.8	5.7	5.2
8	5.4	5.6	5.8	6.2	6.2	6.6	6.6	7.1	6.8	6.8	7.2	7.0	6.8	7.3	8.0
9	7.6	7.6	7.2	6.4	6.0	6.2	6.6	8.8	8.0	7.6	7.6	7.2	7.6	7.6	8.0
10	6.2	5.6	5.6	5.4	5.6	5.4	6.2	7.1	7.2	7.2	7.0	7.2	7.2	7.7	8.0
11	7.6	7.6	7.2	7.8	7.4	7.6	7.8	8.8	8.5	8.0	8.5	9.0	8.5	8.6	8.5
12	8.0	8.5	7.8	8.0	8.0	8.0	8.0	8.1	7.8	7.4	7.4	7.0	7.0	7.1	7.0
13	5.8	5.8	5.6	5.6	5.6	5.6	6.0	7.2	7.2	7.6	7.8	7.0	6.4	7.2	6.6
14	7.0	6.8	7.0	6.4	6.4	5.8	6.0	6.6	6.8	7.0	7.0	6.6	6.8	7.4	6.8
15	7.4	7.2	6.6	7.0	7.6	7.6	7.6	7.9	6.8	7.4	8.0	7.6	7.8	7.6	7.8
16	9.0	9.0	9.5	9.5	9.0	9.0	9.0	9.0	8.5	8.5	8.5	9.0	9.0	8.9	8.5
17	6.6	6.6	6.8	6.6	6.4	6.2	6.4	8.4	8.0	9.0	8.5	9.5	7.8	8.8	8.0
18	7.6	7.6	7.6	7.8	7.8	7.8	7.8	8.7	8.5	9.0	8.0	8.5	8.0	8.3	8.0
19	9.5	9.0	8.5	8.5	7.8	8.0	8.0	10.8	10.5	10.5	10.5	10.0	9.5	10.2	9.0
20	8.0	8.0	7.8	7.8	8.5	8.0	9.0	11.2	11.5	9.0	6.6	6.8	6.0	5.1	4.8
21	7.2	7.0	6.6	6.4	6.0	5.4	6.2	7.1	7.4	8.0	8.5	8.0	7.4	7.9	7.6
22	9.5	9.0	9.5	8.5	8.0	8.5	9.0	9.3	9.5	9.0	8.0	9.0	9.5	9.5	8.5
23	9.5	9.0	9.0	9.5	9.0	8.5	8.5	9.2	9.5	10.5	12.5	10.5	13.0	13.0	14.0
24	14.0	14.5	12.0	15.0	14.0	14.5	14.5	16.1	13.5	12.5	11.5	11.0	10.5	9.7	9.5
25	8.5	8.0	7.8	7.6	7.0	7.6	7.6	8.5	6.8	5.8	6.4	6.6	7.2	7.8	7.2
26	8.0	8.0	7.6	7.6	8.0	8.0	8.5	10.1	9.5	9.5	9.5	9.5	9.5	10.6	9.5
27	8.5	8.0	7.6	7.4	7.0	7.4	8.5	10.3	11.5	12.0	12.5	12.5	11.5	11.0	10.5
28	11.0	12.0	12.0	12.0	12.5	12.5	12.5	13.2	13.0	14.0	14.0	14.5	15.5	15.9	16.0
29	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6	11.0	11.0	11.5	11.5	11.5	12.0	12.0
30	11.5	11.5	11.5	11.0	11.0	11.0	10.0	11.1	11.5	11.5	11.5	11.0	11.0	11.9	11.5
31															
Prom.	7.9	7.8	7.6	7.7	7.5	7.5	7.7	8.6	8.4	8.3	8.4	8.2	8.2	8.4	8.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
75	78	79	80	83	85	89	94	95	98	4	73	13-14	25	87
64	71	77	82	83	81	81	82	83	96	0-1	61	15	35	77
66	69	76	82	89	93	99	100	100	100	23,24	64	15	36	85
30	34	43	51	59	63	64	73	83	100	1,5-7	27	15	73	66
39	41	53	64	80	79	87	92	98	98	24	37	15	61	67
43	45	60	74	86	93	93	90	91	100	1,2	43	16	57	76
47	52	58	65	81	85	87	77	74	100	4-7	36	13	64	72
60	62	73	78	83	85	84	89	93	98	23-24	59	15	39	74
48	53	67	78	89	95	97	97	97	97	22-24	46	14	51	78
64	72	77	89	94	94	96	96	95	100	1,3-9	56	13-14	44	86
68	67	71	77	84	88	90	92	94	96	0-1	66	14-15	30	81
52	57	65	75	76	77	82	88	93	95	1-2	52	15,16	43	73
58	67	67	66	71	73	77	78	81	99	3-4	51	12-13	48	77
62	64	73	80	87	91	97	97	96	100	6	56	12-13	44	80
75	89	94	97	97	97	97	97	97	97	19-24	63	14	34	83
82	79	87	93	92	86	94	92	95	97	4-9	79	17	18	92
46	56	68	75	81	81	75	71	85	100	5-7	43	14-15	57	76
49	60	78	79	82	88	89	85	92	92	24	45	13-14	47	74
50	52	68	81	86	90	91	93	96	100	1-7	46	13-14	54	79
25	33	46	57	72	82	78	82	85	99	4,5	21	14-15	78	66
38	49	60	68	72	79	83	82	81	91	1-2	30	14-15	61	62
37	33	58	67	75	74	74	76	79	92	5-6	33	17	59	62
50	60	69	78	75	86	75	75	77	96	21-22	48	12	48	69
44	45	58	69	82	86	92	95	97	100	23-24	44	14-16	56	72
38	43	53	60	71	84	87	90	94	100	1-2	34	14-15	66	66
64	68	76	83	85	90	90	84	90	98	5,6	53	11-12	45	80
61	51	58	73	86	92	93	93	94	100	3-7	51	17	49	83
80	84	88	97	94	94	96	96	97	98	5,6	73	14-15	25	89
94	95	97	97	97	97	97	97	95	100	6,7	83	11-12	17	94
96	97	97	97	98	98	99	99	100	100	24	86	6-7	14	96
57	60	70	77	83	86	88	88	91	98		52		46	77

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7.8	8.0	7.8	7.6	7.9	7.2	7.0	7.0	6.6	9.5	1-3	7.0	22,23	2.5	8.2
7.4	7.8	7.6	7.6	7.2	6.8	6.8	6.8	6.8	7.8	17	6.0	3	1.8	6.9
7.8	7.4	7.8	7.8	7.5	7.0	6.6	6.2	6.0	7.8	16,18,19	6.0	24	1.8	7.2
2.8	3.0	3.4	3.8	4.1	3.8	3.6	3.6	3.6	6.2	2,3,10	2.8	15,16	3.4	4.6
3.0	3.4	3.6	3.6	4.2	4.2	4.4	4.4	4.4	4.4	8,22-24	2.9	14	1.5	3.7
4.4	4.2	5.0	5.0	5.3	5.2	4.6	4.4	4.6	5.3	20	3.8	5-7	1.5	4.5
5.6	6.0	5.6	5.4	6.7	6.6	6.6	6.0	5.8	6.7	20	4.6	1,4-7,10	2.1	5.3
7.0	7.2	8.0	9.0	8.9	8.5	8.5	8.0	7.8	9.0	19	5.4	1	3.6	7.2
7.4	7.6	8.0	7.8	7.7	7.0	7.0	7.2	6.4	8.8	8	6.0	5	2.8	7.3
7.8	8.0	7.8	7.8	7.6	6.6	7.0	7.4	7.4	8.0	15,17	5.4	4,6	2.6	6.9
8.0	7.8	7.8	7.8	8.0	7.8	7.8	8.5	8.0	8.8	8	7.2	3	1.6	8.0
6.8	7.0	6.8	7.0	6.8	6.4	6.2	6.6	6.0	8.5	2	6.2	22	2.3	7.3
6.6	7.2	6.8	6.4	6.3	6.4	6.8	6.8	7.0	7.8	11	5.6	3-6	2.2	6.6
6.8	6.6	6.8	6.6	8.9	7.4	7.2	7.2	7.2	8.9	20	5.8	6	3.1	6.9
7.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.5	9.5	24	6.6	3	2.9	8.0
8.0	8.0	8.0	8.5	8.2	7.6	7.6	7.2	6.8	9.5	3,4	6.8	24	2.7	8.5
8.0	9.0	8.5	8.5	9.4	9.0	7.8	7.8	8.0	9.5	12	6.2	6	3.3	7.9
8.0	9.0	10.5	9.5	10.0	10.0	10.0	9.5	10.5	10.5	18,24	7.6	1-3	2.9	8.7
9.0	9.5	10.0	10.5	9.9	8.5	8.5	8.0	8.5	10.8	8	7.8	5	3.0	9.3
4.8	6.2	7.8	7.8	8.3	8.0	7.4	7.4	7.0	11.5	9	4.8	15,16	6.7	7.6
8.5	9.5	9.5	10.0	10.2	10.0	10.0	10.0	9.5	10.2	20	5.4	6	4.8	8.1
9.5	7.6	10.5	11.0	10.2	10.0	9.5	9.5	9.0	11.0	19	7.6	17	3.4	9.2
12.0	13.0	13.0	14.5	14.6	16.5	13.5	13.5	14.0	16.5	21	8.5	6,7	8.0	11.7
9.5	9.0	10.5	11.0	9.9	10.5	10.0	10.0	9.0	16.1	8	9.0	17	7.1	11.8
7.2	7.8	8.0	7.8	8.5	8.5	8.5	8.0	8.5	8.5	1,8,20-22,24	5.8	10	2.7	7.6
10.0	10.0	10.0	10.5	9.8	10.0	10.0	9.0	8.5	10.6	14	7.6	3,4	3.0	9.2
10.5	8.5	8.5	9.0	10.3	10.5	10.5	11.0	11.0	12.5	11,12	7.0	5	5.5	9.8
15.0	15.5	15.0	14.0	13.5	13.0	13.5	13.0	12.5	16.0	15	11.0	1	5.0	13.6
12.0	12.0	12.5	12.0	11.9	12.0	12.0	12.0	11.5	12.5	18	11.0	9,10	1.5	11.8
12.0	12.0	11.5	11.5	11.6	11.5	11.5	14.1	11.0	14.1	23	10.0	7	4.1	11.5
8.0	8.2	8.5	8.6	8.8	8.5	8.3	8.3	8.1	9.9		6.6		3.3	8.2

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	8	S	9	S	12	S	15	SE	12	SE	8	SE	4	SE	4	SE	10	SE	12	SE	11	SE	12	SE	13	SE	10	SE	10
2	SE	7	E	11	E	15	E	12	E	10	SE	13	SE	8	SE	9	SE	14	SE	14	E	15	E	14	E	10	SE	11	SE	12
3	E	5	E	5	E	8	E	8	E	7	SE	6	SE	5	SE	4	SE	8	SE	8	SE	10	SE	9	SE	9	SE	9	SE	9
4	Calma	1	SW	4	SW	3	Calma	0	Calma	1	SW	3	Calma	1	SW	4	SW	8	S	10	SE	10	S	14	SW	20	SW	20	SW	22
5	W	5	SW	8	SW	5	SW	6	SW	5	SW	5	SW	3	SW	8	SW	14	SW	16	SW	19	SW	19	SW	18	S	19	SW	16
6	S	4	SW	5	SW	7	SW	5	SW	6	SW	7	SW	4	SW	4	SW	6	SW	8	S	7	S	9	S	8	S	7	SW	6
7	NW	4	NW	5	NW	5	NW	4	NW	7	NW	5	NW	4	NW	7	NW	10	NW	10	NW	11	N	9	N	9	NE	13	NE	12
8	N	10	N	10	NE	11	N	12	N	11	NE	12	NE	12	NE	11	NE	20	NE	15	NE	15	NE	12	NE	11	NE	13	NE	13
9	E	2	E	3	E	2	SE	3	SE	2	SW	2	SW	3	SW	6	SW	11	S	10	SE	13	SE	10	SE	11	SE	12	SE	11
10	Calma	1	S	2	SW	2	Calma	1	S	2	S	2	SE	5	SE	6	E	7	E	6	E	8	E	6	E	7	SE	7	SE	7
11	SE	4	E	5	E	6	E	6	E	4	SE	3	SE	4	SE	4	E	9	E	9	E	9	NE	11	NE	13	NE	15	E	13
12	E	3	E	3	NE	8	NE	6	NE	6	NE	6	NE	6	NE	10	NE	15	NE	17	NE	16	NE	15	NE	14	NE	13	NE	9
13	E	4	E	4	E	4	E	3	E	4	E	5	E	5	E	8	E	11	E	9	NE	10	NE	9	E	13	NE	14	E	10
14	E	9	E	8	E	7	SE	4	SE	5	SE	2	SE	5	SE	5	E	11	E	11	NE	8	NE	7	E	8	NE	11	E	11
15	E	3	E	5	NE	6	NE	6	NE	7	NE	9	E	6	E	6	E	13	NE	17	NE	18	NE	17	NE	16	NE	12	E	10
16	NE	15	NE	17	E	10	E	11	SE	10	SE	12	SE	13	SE	13	SE	19	SE	15	S	16	S	19	SW	26	SW	24	SW	18
17	W	5	SW	5	SW	5	SW	7	SW	5	W	6	NW	5	W	8	W	12	NW	10	W	5	W	9	W	9	W	8	NW	11
18	N	13	N	15	N	14	N	17	N	18	N	18	N	15	N	18	N	21	N	22	NW	26	N	26	N	27	NW	29	NW	25
19	NE	3	E	4	E	4	E	3	E	2	NE	2	E	2	Calma	0	Calma	1	SW	4	W	5	S	6	SE	7	SE	8	SE	5
20	Calma	1	Calma	0	SE	2	Calma	0	SW	7	SW	10	SW	6	SW	4	SW	5	SW	5	SW	5	SW	8	SW	11	SW	10	SW	10
21	W	4	W	5	W	4	W	5	W	5	W	7	W	5	W	5	W	15	W	15	W	15	W	20	W	20	W	27	W	23
22	NW	16	NW	15	NW	17	NW	16	NW	12	NW	16	NW	14	NW	16	NW	24	NW	24	NW	24	NW	22	NW	23	NW	24	NW	18
23	N	6	N	7	N	9	N	7	N	7	N	11	N	12	N	13	N	20	N	16	N	13	N	13	NE	10	NE	7	NE	6
24	NE	20	NE	23	NE	19	N	32	N	24	N	29	NW	19	NW	19	W	30	SW	24	SW	20	SW	20	SW	16	SW	17	SW	13
25	SE	2	SE	2	SE	4	Calma	1	SE	9	SE	9	SE	6	SE	8	SE	14	SE	15	SE	13	SE	15	SE	11	SE	12	SE	8
26	Calma	1	Calma	1	SE	2	SE	4	E	3	E	5	E	6	NE	6	NE	20	NE	14	NE	14	NE	18	NE	18	NE	17	NE	13
27	Calma	1	Calma	1	SE	2	SE	3	E	2	SE	4	SE	4	E	2	E	6	NE	10	NE	13	NE	14	NE	15	NE	13	NE	13
28	E	4	NE	10	NE	10	NE	10	NE	12	NE	14	NE	12	NE	14	NE	13	NE	16	NE	14	NE	13	NE	13	NE	16	NE	14
29	SE	3	SE	5	SE	4	SE	6	SE	6	SE	7	SE	8	SE	9	SE	9	SE	5	SE	3	SE	3	SE	5	SE	8	SE	6
30	E	4	S	4	Calma	1	SE	4	SE	4	E	6	SE	6	SE	6	E	9	E	6	E	8	E	7	E	6	E	5	E	5
31																														
DIRECCIÓN PREVALENTE	E		E		E		E-SE		E-SE		SE		SE		SE		E		SE-NE		NE		NE		NE		NE		SE	
NUMERO DE HORAS	8		9		8		6		7		9		11		10		7		6		8		9		8		11		8	
PROM. HOR. DE LA VELOCIDAD		6		7		7		7		7		8		7		8		13		12		12		13		13		14		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
SE	12	SE	10	SE	9	SE	9	E	8	E	7	E	6	E	5	SE	4	SE	16	9	25	SE	4.22
SE	12	SE	12	SE	12	SE	11	E	9	E	11	E	11	SE	6	E	9	SE	13	11	25	E	3.06
SE	8	SE	6	SE	3	SE	3	SE	3	SE	3	SE	2	Calma	1	S	2	SE	17	6	14	E	12.51
SW	20	S	16	S	12	SW	8	SW	5	S	4	SW	5	SW	2	W	2	SW	13	8	38	SW	14.40
SW	17	SW	13	SW	9	SW	5	SW	3	SW	5	SW	3	SW	5	SW	4	SW	22	10	30	S	13.02
SW	6	W	4	S	2	Calma	0	Calma	0	Calma	0	N	2	N	2	NW	3	SW	11	5	16	S	11.43
NE	15	NE	10	N	9	N	7	NE	5	NE	6	NE	5	N	6	NE	9	NW	11	8	15	NE	14.15
NE	14	NE	11	NE	10	NE	8	NE	7	NE	5	E	4	E	4	Calma	1	NE	17	10	19	NE	8.07
SE	9	SE	6	SE	2	Calma	1	Calma	1	Calma	1	SE	2	Calma	1	Calma	1	SE	11	5	19	S	13.24
SE	7	SE	10	SE	7	Calma	1	Calma	0	SE	2	SE	2	SE	3	SE	4	SE	11	4	9	SE	16.42
E	13	E	9	E	6	E	8	E	7	E	4	E	5	E	4	E	4	E	17	7	18	NE	13.10
E	9	E	10	E	7	E	10	E	10	E	9	E	7	E	4	E	4	NE	13	9	19	NE	10.42
E	10	E	12	E	10	E	12	E	12	E	10	E	9	E	9	E	8	E	21	8	17	E	15.52
E	10	NE	11	E	6	E	5	E	7	E	7	E	3	E	4	E	4	E	15	7	16	E	14.40
E	6	SE	5	SE	4	E	8	E	8	SE	5	SE	7	E	8	NE	11	E NE	10	9	20	NE	9.20
SW	25	SW	19	S	17	S	11	SW	10	SW	9	SW	8	W	6	W	5	SW	8	14	39	S	12.32
W	13	NW	9	NE	8	NE	8	NE	8	N	5	N	8	N	9	N	11	W	9	8	14	W	12.24
N	18	NE	14	NE	16	NE	9	NE	8	NE	6	NE	9	NE	10	N	5	N	14	17	32	N	11.20
SE	6	SE	4	E	2	Calma	0	Calma	1	Calma	1	Calma	0	NW	4	W	2	E Calma	6	3	8	SE	14.58
SE	10	SE	6	SE	4	SE	5	W	3	W	3	W	5	W	4	W	4	SW	15	5	16	SW	14.40
NW	23	NW	18	NW	13	NW	14	NW	15	NW	13	NW	16	NW	14	NW	14	W	15	13	26	W	11.56
NW	17	NW	16	NW	11	N	6	N	9	N	8	N	9	N	7	N	5	NW	18	15	28	NW	9.44
N	13	NE	11	NE	12	NE	9	NE	13	NE	18	NE	21	NE	20	NE	15	N	13	12	23	NE	21.44
SW	10	S	6	S	3	Calma	0	Calma	1	Calma	0	Calma	0	Calma	0	Calma	0	SW	7	14	44	N	3.20
SE	7	SE	6	SE	3	SE	6	SE	3	SE	3	SE	2	Calma	1	Calma	1	SE	21	7	30	SE	10.11
NE	13	NE	11	NE	10	E	4	NE	6	NE	7	NE	6	NE	9	NE	4	NE	16	9	23	NE	12.17
NE	15	NE	10	E	6	E	2	E	4	E	4	E	4	E	5	E	5	E	10	6	17	NE	12.00
NE	14	NE	13	NE	8	S	12	S	7	SE	5	E	3	E	4	Calma	1	NE	17	10	30	SW	18.26
SE	5	E	4	Calma	1	E	4	E	3	E	3	E	4	Calma	1	S	2	SE	16	5	13	SE	7.52
E	8	E	11	E	7	E	3	SE	7	SE	6	SE	4	SE	4	SE	6	E	13	6	12	E	16.22
SE		SE-NE		SE-E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
8		8		7		9		9		8		10		3		6		SE	148	9	DIRECCIÓN	DÍA	HORA
	12		10		8		6		6		6		6		5		5				SW N	18 24	de 13.25 a 13.30 de 3.00 a 3.05

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					5	30	16	154	3	36								220
2					11	127	13	141										268
3					5	33	17	105	1	2							1	141
4							1	10	5	56	13	124	1	2			4	195
5									1	19	22	206	1	5				230
6	2	4							6	37	11	64	1	4	1	3	3	112
7	5	40	8	75											11	72		187
8	4	43	17	200	2	8											1	252
9					3	7	11	81	1	10	4	22					5	125
10					5	34	11	60	3	6	1	2					4	105
11			3	39	17	121	4	15										175
12			13	141	11	76												217
13			3	33	21	172												205
14			4	37	15	111	5	21										169
15			10	119	10	73	4	21										213
16			2	32	2	21	6	82	4	63	8	139	2	11				348
17	4	33	3	24							4	22	9	75	4	35		189
18	14	247	7	72											3	82		401
19			2	5	6	17	5	30	1	6	1	4	2	7	1	4	6	76
20							1	2			15	106	5	19			3	128
21													15	175	9	140		315
22	6	44													18	325		369
23	13	147	11	142														289
24	3	85	3	62					2	9	7	120	1	30	2	38	6	345
25							21	158									3	161
26			16	186	4	18	2	6									2	212
27			8	103	10	40	4	13									2	158
28			17	216	3	11	1	5	2	19							1	252
29					5	18	16	92	1	2							2	114
30					13	85	9	47	1	4							1	137
31																		
SUMAS	51	643	127	1486	148	1002	147	1043	31	269	86	809	37	328	49	699	44	6308
% PREVAL POR VELOCIDAD	10.2		23.6		15.9		16.5		4.3		12.8		5.2		11.1		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		12		7		7		9		9		9		14		1	210

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	3	8	5	1	0	3	2	5
1 - 2	3	3	9	2	3	4	1	2	3
2 - 3	2	5	8	5	1	5	1	2	1
3 - 4	4	3	6	6	1	3	1	2	4
4 - 5	4	3	7	7	1	4	1	2	1
5 - 6	3	5	3	9	1	5	2	2	0
6 - 7	2	3	4	11	0	4	1	4	1
7 - 8	2	4	3	10	0	5	2	3	1
8 - 9	2	4	7	6	0	5	3	2	1
9 - 10	2	6	5	6	2	5	1	3	0
10 - 11	1	8	4	6	2	3	3	3	0
11 - 12	3	9	3	5	4	3	2	1	0
12 - 13	2	8	5	6	1	5	2	1	0
13 - 14	0	11	1	8	2	4	2	2	0
14 - 15	0	7	5	8	0	6	1	3	0
15 - 16	2	5	6	8	0	6	1	2	0
16 - 17	0	8	5	8	2	3	1	3	0
17 - 18	1	6	7	7	4	2	0	2	1
18 - 19	2	4	9	4	2	3	0	1	5
19 - 20	1	6	9	3	1	3	1	1	5
20 - 21	2	5	8	6	1	2	1	1	4
21 - 22	3	4	10	6	0	3	1	1	2
22 - 23	4	3	9	3	0	2	2	2	5
23 - 24	3	4	6	3	2	1	4	2	5
SUMAS	51	127	147	148	31	86	37	49	44
% de frec. por dirección	7.1	17.6	20.4	20.6	4.3	11.9	5.1	6.8	6.1

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	16.0	11.5	0.36	8	0	5	
	10	17.9	15.0	0.24	8	0	5	
	12	31.1	17.6	1.10	7	0	5	
	14	23.4	15.6	0.63	8	0	5	
	15	18.4	13.9	0.36	8	0	5	
2	9	30.0	13.6	1.33	7	4	5	Js.
	10	38.5	17.3	1.72	5	4	5	Js.
	12	39.1	19.2	1.62	6	2	5	
	14	28.2	17.0	0.91	8	2	5	
	15	34.6	18.4	1.32	7	3	5	
3	9	15.8	10.4	0.44	8	0	5	
	10	18.1	11.7	0.52	8	0	5	
	12	21.8	13.6	0.67	8	0	4	
	14	25.0	15.5	0.77	8	0	4	
	15	32.2	17.4	1.20	7	3	5	
4	9	33.3	13.5	1.61	0	5	5	
	10	37.1	16.1	1.71	0	5	5	
	12	40.9	18.3	1.84	2	3	5	
	14	37.6	17.1	1.67	0	5	5	
	15	33.8	15.6	1.48	1	5	5	
5	9	30.5	10.0	1.67	0	5	5	
	10	33.5	12.0	1.75	1	5	5	
	12	38.5	16.2	1.81	3	3	5	
	14	19.1	10.2	0.72	6	0	5	
	15	27.4	13.0	1.17	3	3	5	
6	9	32.0	11.9	1.53	0	5	5	
	10	34.9	13.9	1.71	0	5	5	
	12	38.5	16.5	1.79	1	3	5	
	14	36.6	16.6	1.63	0	5	5	
	15	35.2	16.3	1.54	0	5	5	
7	9	34.5	14.8	1.60	2	5	5	
	10	37.5	16.6	1.70	1	5	5	
	12	39.6	19.0	1.67	0	5	5	
	14	37.2	19.2	1.46	5	4	5	
	15	35.3	17.8	1.42	5	4	5	Js.
8	9	24.6	14.2	0.84	8	1	5	
	10	25.5	15.3	0.83	8	0	4	Ne.
	12	18.2	15.6	0.21	8	0	5	
	14	25.7	16.2	0.77	7	0	5	
	15	25.5	16.7	0.72	6	1	5	
9	9	37.5	18.5	1.54	0	5	5	
	10	41.9	21.6	1.65	0	5	4	B.
	12	43.8	23.1	1.68	0	5	5	
	14	42.4	23.6	1.53	0	5	5	
	15	38.9	22.4	1.34	0	5	5	
10	9	20.5	11.0	0.77	8	0	3	Ne.
	10	37.4	16.0	1.74	0	4	3	Ne.,B.
	12	40.1	19.7	1.66	0	5	5	
	14	40.6	20.3	1.65	2	5	5	
	15	37.9	19.1	1.53	2	5	5	
11	9	30.0	16.5	1.10	7	2	3	B.
	10	24.5	15.6	0.72	7	3	3	B.
	12	36.3	19.1	1.40	7	3	3	B.
	14	24.7	16.5	0.67	8	3	4	
	15	29.5	17.5	0.98	7	3	4	
12	9	28.2	16.4	0.96	5	2	5	
	10	34.3	19.1	1.24	6	2	5	
	12	42.1	21.4	1.68	6	4	5	
	14	34.1	19.2	1.21	6	2	5	
	15	37.7	19.9	1.45	2	4	5	
13	9	25.6	14.0	0.94	7	1	5	
	10	17.5	13.0	0.36	8	0	5	
	12	18.6	13.6	0.41	8	0	5	
	14	37.7	20.0	1.44	4	3	5	
	15	24.1	15.7	0.68	6	0	5	
14	9	27.8	14.4	1.09	6	1	5	
	10	37.5	17.8	1.60	4	3	3	B.
	12	27.0	16.0	0.90	7	2	5	
	14	33.4	18.3	1.23	7	0	4	
	15	21.6	14.6	0.57	2	0	5	
15	9	28.6	15.5	1.06	7	1	5	
	10	32.5	17.0	1.26	7	1	5	
	12	30.8	17.2	1.10	7	1	5	
	14	23.4	15.8	0.59	8	0	5	
	15				8	0	5	Z.
16.	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14				8	0	4	LL.
	15				8	0	4	LL.

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
17	9	38.0	19.0	1.54	0	5	5	
	10	42.0	25.0	1.38	0	5	5	
	12	44.8	25.0	1.61	3	5	5	
	14	41.2	24.0	1.40	6	1	5	
	15	38.6	23.2	1.25	7	3	5	
18	9	38.8	20.0	1.53	8	1	5	
	10	36.0	20.5	1.26	8	1	5	
	12	43.4	29.0	1.17	8	1	5	
	14	42.0	24.0	1.46	8	1	5	
	15	38.8	23.3	1.26	8	1	5	
19	9	42.0	23.0	1.54	0	5	5	
	10	45.4	25.3	1.63	0	5	5	
	12	48.5	27.4	1.72	1	5	5	
	14	46.4	27.2	1.56	1	5	5	
	15	44.0	26.0	1.46	0	5	5	
20	9	41.0	23.8	1.40	1	5	5	
	10	43.5	25.2	1.49	0	5	5	
	12	47.0	28.0	1.54	1	5	5	
	14	45.5	28.1	1.41	0	5	5	
	15	45.7	27.0	1.52	0	5	5	
21	9	42.0	23.0	1.54	2	5	5	
	10	47.3	26.7	1.67	1	5	5	
	12	49.1	29.0	1.63	0	5	5	
	14	47.0	29.5	1.42	0	5	5	
	15	45.1	28.5	1.35	0	5	5	
22	9	44.6	25.0	1.59	0	5	4	B.
	10	47.0	27.0	1.63	0	5	4	B.
	12	50.4	30.9	1.58	1	5	5	
	14	50.0	31.2	1.53	1	5	5	
	15	48.0	30.4	1.43	1	5	5	
23	9	39.2	23.5	1.28	8	1	4	B.,Js.
	10	44.0	26.6	1.41	8	1	4	B.,Js.
	12	37.3	27.5	0.80	8	1	4	
	14	37.4	26.7	0.87	8	0	5	
	15	36.5	27.0	0.77	8	1	5	
24	9	44.6	26.0	1.51	4	4	5	
	10	45.8	26.4	1.58	2	5	5	
	12	47.0	27.0	1.63	0	5	5	
	14	46.0	28.0	1.46	0	5	5	
	15	45.5	27.3	1.48	0	5	5	
25	9	43.0	23.0	1.63	1	5	5	
	10	43.6	24.6	1.54	1	5	5	
	12	44.3	26.0	1.49	2	5	5	
	14	41.8	26.3	1.26	6	1	5	
	15	36.1	22.7	1.09	4	1	5	
26	9	42.7	21.7	1.71	1	5	5	
	10	44.4	22.8	1.76	0	5	5	
	12	44.9	23.5	1.74	0	5	5	
	14	43.4	23.1	1.65	0	5	5	
	15	42.0	23.0	1.54	0	5	5	
27	9	40.3	22.0	1.49	7	2	3	B.
	10	45.5	24.0	1.72	7	2	3	B.
	12	43.1	24.8	1.49	3	4	5	
	14	41.6	24.6	1.38	1	5	5	
	15	39.8	23.6	1.32	6	4	5	Js.
28	9	41.5	23.1	1.50	6	3	5	
	10	43.5	24.8	1.52	3	3	5	
	12	39.0	24.7	1.16	7	0	5	
	14	43.0	26.5	1.34	2	5	5	
	15	37.5	24.0	1.10	5	1	5	
29	9				8	0	4	Am.
	10				8	0	4	Am.
	12				8	0	5	Z.
	14	19.9	16.9	0.24	8	0	5	
	15	16.4	15.9	0.04	8	0	5	
30	9				8	0	3	LL.
	10				8	0	3	LL.
	12				8	0	3	LL.
	14				8	0	4	LL.
	15				8	0	3	LL.
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		0.1	0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.1					6.5	11.3	58
3								0.1		0.2	0.5				0.8	11.4	07
4							0.7	1.0	1.0	1.0	1.0	0.9			5.6	11.4	49
5		0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.9	1.0			10.8	11.4	95
6		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.9	11.5	95
7		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.7		9.9	11.5	86
8			0.2	0.5	0.4	0.1			0.6	0.6	0.4				2.8	11.5	24
9			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.4	11.6	90
10				0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		8.9	11.6	77
11			0.1	0.4	0.9	0.8	1.0	0.8	0.2	0.5	0.9	0.4			6.0	11.6	52
12			0.9	0.8	0.1	0.7	1.0	0.4		0.5	1.0	1.0	0.1		6.5	11.7	56
13				0.3	0.7	0.1		1.0	0.9	1.0	1.0	0.3			5.3	11.7	45
14		0.4	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.6	0.5	0.8	0.5		8.8	11.7	75
15					0.2	0.5	0.6	0.6							1.9	11.8	16
16															0.0	11.8	00
17		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1		10.4	11.9	87
18		0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.4	11.9	87
19		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.3	11.9	95
20			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		10.9	12.0	91
21		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.3	12.0	94
22		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
23		0.7	1.0	0.9	0.8	0.3	0.3	0.1		0.2	0.6	0.2			5.1	12.1	42
24				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		9.0	12.1	74
25		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		9.9	12.1	82
26			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.3	12.2	84
27				0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5		8.5	12.2	70
28				0.1	0.6	0.8	0.6	0.6	0.4	1.0	0.6	0.1			4.8	12.3	39
29															0.0	12.3	00
30															0.0	12.3	00
31																	
Medias		0.2	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.6	0.3		7.0	11.8	59

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	14.4	15.5	14.8	13.9	14.5	14.2	13.4	13.0	13.2	14.6	13.2	13.4	15.4	15.3	15.4
2	12.6	14.9	14.3	12.4	13.8	13.7	12.1	12.1	12.6	12.8	12.6	12.8	15.0	14.9	14.8
3	12.6	13.6	13.6	12.2	12.8	13.0	11.8	11.7	12.0	12.5	12.2	12.2	14.7	14.5	14.4
4	11.0	13.6	12.2	11.0	12.7	12.1	11.1	11.2	11.5	13.9	13.6	13.0	14.4	14.2	14.1
5	9.1	11.4	10.7	9.5	10.9	10.6	10.1	9.9	10.3	11.2	10.8	11.0	14.0	13.6	13.5
6	8.3	12.3	11.5	8.5	11.0	11.1	9.0	9.4	10.3	10.3	10.1	10.6	13.2	13.0	13.0
7	8.8	12.9	12.3	8.9	11.4	11.2	9.3	9.4	9.3	10.4	10.2	10.3	13.2	13.0	13.0
8	10.8	12.3	12.7	10.2	11.3	11.7	10.0	10.1	10.7	10.8	10.7	10.9	13.2	13.2	13.2
9	11.0	15.0	14.0	10.6	10.8	13.2	10.3	11.0	11.7	10.9	12.3	11.6	13.3	13.2	13.4
10	10.1	14.6	13.8	10.9	13.0	13.0	10.8	11.0	11.8	11.5	11.4	12.0	13.8	13.8	13.8
11	12.6	14.8	13.9	12.0	13.4	13.2	11.2	11.5	12.0	11.8	11.8	12.1	14.0	14.0	14.0
12	13.0	15.4	14.3	12.3	14.1	13.7	11.6	12.0	12.4	12.1	12.2	12.6	14.2	14.2	14.3
13	11.5	13.6	13.2	11.3	12.6	12.6	12.3	11.3	11.7	12.1	11.9	12.0	14.4	14.3	14.1
14	11.4	13.8	13.0	11.1	12.6	12.6	11.0	11.2	11.0	11.8	11.7	11.7	14.1	14.0	14.0
15	12.2	14.3	13.4	11.6	12.9	12.7	11.1	11.2	11.6	11.7	11.7	12.0	14.1	13.9	14.0
16	12.7	12.8	13.0	12.1	12.2	12.3	11.2	11.0	11.2	11.8	11.5	11.6	13.9	13.9	13.9
17	11.0	15.4	15.0	10.8	13.5	13.9	10.5	11.0	12.2	11.2	11.2	12.0	12.7	13.6	13.7
18	13.0	15.8	15.3	12.5	14.0	14.2	11.6	12.0	12.6	12.1	12.1	12.5	14.1	14.1	14.2
19	13.2	17.5	16.4	12.9	15.4	15.5	12.2	12.7	13.6	12.6	12.6	13.3	14.5	14.5	14.7
20	14.0	17.8	16.7	13.6	16.1	15.9	12.9	13.6	14.2	12.4	13.4	14.0	15.2	15.2	15.4
21	13.8	17.5	14.7	13.6	13.5	13.0	13.2	13.6	13.6	13.8	13.6	13.8	15.7	15.6	15.8
22	14.6	18.6	17.7	14.3	16.6	16.6	13.6	14.1	14.9	14.1	14.0	14.6	16.0	15.9	16.0
23	15.6	18.1	18.4	15.0	16.5	17.0	14.2	14.4	15.2	14.7	14.4	14.9	16.4	16.3	16.4
24	18.1	20.2	18.9	17.0	18.5	18.0	15.4	15.8	16.4	15.2	15.4	15.9	16.5	16.8	17.0
25	15.8	18.4	18.7	15.5	17.1	17.0	15.0	15.0	15.8	14.5	15.2	15.6	17.2	17.0	17.0
26	14.9	18.1	17.2	14.7	16.8	16.5	14.5	14.6	15.2	15.2	14.9	15.3	17.1	16.9	16.9
27	14.8	18.5	17.4	14.6	16.8	16.6	14.2	14.5	15.2	15.0	14.6	15.2	17.0	16.9	18.7
28	16.9	19.1	16.3	16.1	17.5	16.0	15.0	14.4	14.5	15.5	15.3	15.3	17.1	17.1	17.0
29	17.6	17.8	17.6	16.7	16.9	16.7	15.7	15.5	15.5	15.9	15.7	15.6	17.5	17.5	17.4
30	16.8	16.6	16.8	16.1	16.0	16.0	15.1	14.8	14.0	15.4	15.0	14.2	17.3	17.2	17.1
31															
Prom.	13.1	15.7	14.9	12.7	14.2	14.1	12.3	12.4	12.9	12.9	12.8	13.1	15.0	14.9	15.0

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	3.9	2.2	3.3	2.8	2	0.3	0.4	0.5	1.4	L.11	18.0	14.1	17.0			8748
2					2	0.5	0.7	0.8	1.9							8752
3					1	0.4	0.5	0.4	1.2							8755
4					0	0.3	1.4	1.5	3.5	-	-	-	-			8758
5					0	0.6	1.0	1.1	2.3							8764
6					0	0.2	1.0	0.8	2.0							8768
7					0	0.2	1.6	1.3	3.9							8772
8					0	1.0	1.2	0.9	2.3							8773
9					0	0.2	1.3	1.0	2.7	L.12	13.7	14.6	21.1	22.2	14.5	8773
10					0	0.4	0.5	0.6	1.3							8778
11					0	0.2	0.7	0.8	1.8							8783
12					0	0.3	0.7	1.1	2.0							8786
13					0	0.2	0.8	0.7	2.1							8791
14					0	0.6	0.8	0.9	1.9	L.15	11.4	12.8	20.7			8795
15					2	0.2	0.9	0.6	1.5							8797
16	26.0	25.5	23.8	24.3	2	0.0	0.2	0.3	0.7							8789
17	3.1	2.5	2.4	2.5	2	0.2	1.4	1.7	4.1							8793
18					1	1.0	2.2	1.9	4.6							8798
19					0	0.5	1.4	1.0	2.7	L.16	19.7	20.0	22.8			8800
20					0	0.3	2.0	1.7	4.5							8804
21					0	0.8	2.5	2.7	6.7							8808
22					0	1.5	3.3	1.9	6.1							8867
23					0	0.9	1.7	1.4	5.4							8874
24	6.6	7.5	6.0	4.9	0	2.3	1.5	1.3	3.2	L.17	14.6	15.0	22.6			8874
25					0	0.4	2.5	1.3	4.1							8879
26					0	0.3	1.5	1.0	2.8							8885
27					0	0.3	0.9	1.1	2.3							8889
28					0	0.3	0.9	0.7	1.7							8890
29	6.7	6.8	6.5	6.3	2	0.1	0.2	0.2	0.6							8894
30	1.6	1.9	1.2	1.9	2	0.2	0.1	0.0	0.2							8896
31																
Prom.	47.9	46.4	43.2	42.7	-	0.5	1.2	1.0	2.7	-	-	-	-	-	-	8811

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		
14.5	14.6	14.4	13.7	13.7	13.8	15.2	16.8	8.2	Cn. m. t. y n.
14.4	14.3	14.2	13.8	13.9	13.9	15.2	16.8	0.8	Cn. m. t. y n., Dl. n.
14.3	14.1	13.9	13.8	14.0	14.0	15.3	16.9	4.5	Cn. m. y t., Ca. n., r. n.
13.9	13.8	13.6	13.7	13.9	13.8	15.2	16.8	- 3.0	Ca. m. t. y n., r. m.
13.6	13.5	13.2	13.4	13.4	13.6	15.3	16.7	- 4.3	Ca. m., Cn. t. y n., h. m., r. m., Ng. t., h.r. n.
13.1	13.1	12.8	13.3	13.6	13.6	15.3	16.6	- 6.1	Ca. m. t. y n., h. m., r. n.
13.0	13.0	13.1	13.3	13.4	13.4	15.3	16.6	- 6.1	Ca. m., Cn. t. y n., h. m., r. m. y n., Ds. t.
13.0	13.0	13.0	13.4	13.4	13.5	15.3	16.6	2.1	Cn. m. t y n., r. m.
13.0	13.0	13.0	13.4	13.5	13.3	15.4	16.7	- 0.5	Ca. m. t. y n., Ne. m., r. n.
13.3	13.4	13.3	13.3	13.4	13.4	15.3	16.6	- 1.2	Cn. m., Ca. t. y n., N. m., r. n.
13.6	13.6	13.6	13.5	13.6	13.6	15.3	16.6	1.5	Cn. m. y t., Ca. n., B. m., r. n.
13.8	13.9	13.8	13.6	13.6	13.6	15.4	16.7	5.5	Cn. m. y t., Ca. n.
14.1	14.1	13.9	13.6	13.7	13.7	15.3	16.6	- 0.2	Cn. m. y t., Ca. n.
13.8	13.8	13.8	13.5	13.5	13.6	15.3	16.6	- 1.8	Cn. m. y t., Ca. n., r. n.
13.7	13.6	13.6	13.6	13.7	13.6	15.3	16.6	1.2	Cn. m. t. y n., LL. n.
13.1	13.4	13.5	13.7	13.7	13.7	15.2	16.6	-	Cn. m. y t., Ca. n., LL. m. y t., P. t.
13.4	13.2	13.1	13.6	13.7	13.7	15.2	16.6	0.1	Ca. m., Cn. t. y n., r. n.
13.5	13.6	13.5	13.7	13.8	13.8	15.2	16.5	5.7	Cn. m. y t., Ca. n., r. m. y n.
14.0	14.2	14.1	13.7	13.9	13.5	15.3	16.6	2.5	Ca. m. t. y n., r. m. y n.
14.6	14.7	14.6	13.7	14.0	14.0	15.3	16.6	5.1	Ca. m. t. y n., r. m. y n.
15.1	15.3	15.4	14.1	14.3	14.3	15.3	16.6	2.0	Ca. m. t. y n., r. m. y n.
15.5	15.5	15.4	14.2	14.2	14.2	15.4	16.6	7.6	Ca. m. t. y n., r. m. y n.
15.8	15.9	15.3	14.4	14.4	14.4	15.4	16.6	3.0	Cn. m. t. y n., r. n., LL. n.
16.1	16.1	16.1	14.4	14.5	14.6	15.4	16.6	15.5	Cn. m., Ca. t. y n., r. n.
16.5	16.7	16.7	14.4	14.6	14.7	15.5	16.6	4.2	Ca. m. y n., Cn. t., r. m. y n.
16.6	16.5	16.4	14.9	14.9	15.0	15.3	16.5	2.4	Ca. m. t. y n., r. m. y n.
16.5	16.6	16.4	15.1	15.2	15.2	15.4	16.5	6.5	Cn. m., Ca. t. y n., r. m. y n., N. n.
16.7	16.7	16.7	15.2	15.2	15.2	15.5	16.5	7.0	Cn. m. y n., Ca. t., r. m., Ru.LL. n.
17.0	17.0	16.9	15.4	15.4	15.4	15.5	16.5	11.0	Cn. m. t. y n., CH. m., LL. t.
16.8	16.7	16.7	15.5	15.4	15.7	15.5	16.5	10.0	Cn. m. t. y n., Z. m., LL. t., N. n.
14.5	14.6	14.5	14.0	14.0	14.1	15.3	16.6	2.9	

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	63.9	73.1	6	9	53.7	1	2	8.4	14.1	2.9	19.0	9	15-16	-1.8	6	5,6	6.7	11.4	58
2ª	64.5	73.3	14	9-11	56.4	18	18	12.1	17.4	6.4	24.0	20	14-15	3.3	13,14	4,6-7	7.2	11.8	60
3ª	57.8	62.6	25,26	23,24,0	45.6	24	5	16.5	22.0	10.8	27.3	22	14-15	6.6	27	5	7.1	12.2	58
MES	62.1	73.3	14	9-11	45.6	24	5	12.4	17.8	6.7	27.3	22	14-15	-1.8	6	5,6	7.0	11.8	59

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	3,4,6, 7,10	27	4	6.2	9.5	2.8	SE	8	36	4,5	22	4	14-15	38	SW	4	14.40	2.2	2.2	1	1.8	1	15-16
2ª	78	100	14,17,19	21	20	7.9	10.8	4.8	E	8	48	18	29	18	13-14	39	S	16	12.32	28.0	25.5	16	3.0	15	19-20
3ª	77	100	24,25,27, 29,30	30	21	10.4	16.5	5.4	NE	13	48	24	32	24	3-4	44	N	24	3.20	16.2	7.5	24	5.0	24	4-5
MES	77	100	-	21	20	8.2	16.5	2.8	NE	12	48	18,24	32	24	3-4	44	N	24	3.20	46.4	25.5	16	5.0	24	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	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	1	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-
2ª	-	2	-	-	-	-	-	3	1	-	-	-	-	-	-	-	-
3ª	-	3	-	2	-	-	-	2	1	-	1	-	-	-	-	1	1
MES	-	6	2	3	-	-	-	6	2	-	1	-	-	-	-	1	1

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Congelada blanda	Congelada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	1	1	2	-	-	-	9	1	3	-	-
2ª	6	-	-	-	-	-	-	-	-	1	-	9	1	-	-	-
3ª	7	-	-	-	-	-	-	2	-	-	-	8	2	-	2	-
MES	21	-	-	-	-	1	1	4	-	1	-	26	4	3	2	-

Typis privatis Spec.Phys.cosm.Sanct.Michaelis

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV OCTUBRE 1949 Nº. 10

RESUMEN MENSUAL

El día 1º el Observatorio se encuentra aún en la zona lluviosa que se extendió ya los últimos días del mes anterior sobre todo el litoral y gran parte de la Pcia. de Buenos Aires. Una corriente de aire frío, que llega en la noche del día 2, hace subir la presión atmosférica a su máximo mensual, con 769.5 mm. En este aire baja la temperatura a valores que son unos 4.0°C inferiores a la normal. Sin mayores cambios se mantiene este tiempo poco frío durante los días siguientes, ya que por la considerable nubosidad, provocada por los vientos provenientes del mar, la radiación solar no influye mayormente en el estado térmico. Sólo en los dos últimos días de la primera década, con el cambio de la dirección del viento predominante, el cielo se despeja y la temperatura asciende a valores que corresponden a esta época del año.

En los primeros días de la segunda década el viento del NE sigue soplando por lo cual la temperatura, nubosidad y humedad aumentan. Otra vez el día 14 atraviesa un frente frío el Observatorio, aportando aire fresco y seco, de modo que el 15 la humedad absoluta y relativa registra sus valores mínimos mensuales con 3.8 mm y 19% respectivamente. El tiempo bueno y muy claro que caracteriza esta masa de aire polar y seco dura sólo 2 días. El 17 una corriente del NE aumenta de nuevo el estado térmico e higrométrico de manera que los días 19 y 20 se presentan casi completamente cubiertos, produciéndose algunas lluvias ligeras; la humedad absoluta registra el máximo mensual con 14.0 mm.

La última década se destaca por frecuentes cambios en la situación sinóptica lo que se expresa también en el hecho de que hubo 5 días de lluvia. Durante el 21 y 22 la región del Río de la Plata se encuentra directamente en una zona frontal. El 23 se desplaza esta zona hacia el NE y hay buen tiempo. La temperatura se eleva en este día hasta 26.0°C, valor máximo mensual. El día siguiente atraviesa otro frente frío el Observatorio. En un aire de origen polar la temperatura marca unos 6.0°C inferior a la normal bajando durante la noche hasta 1.0°C. La presión que subió en esta aeromasa, desciende nuevamente y en forma pronunciada entre el 26 y el 27 alcanzando 751.3 mm, valor mínimo mensual. En este día llega al Río de la Plata una intensa corriente de aire polar, que determina el tiempo hasta el fin del mes. Bajo la constante afluencia de aire fresco y cielo despejado se producen aún heladas y también la temperatura en el abrigo meteorológico baja hasta 1.1°C el día 29, valor mínimo mensual.

Los frecuentes empujes de aire polar son la razón de que los promedios de la temperatura y humedad absoluta se encuentren en 1.0°C y 0.5 mm respectivamente, por debajo de su término medio y de que el promedio de la presión sea de 1.5 mm 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	37	47	45	36	37	43	56	68	77	49	47	40	37	35	32
2	27	26	28	34	40	38	-	-	50	52	50	64	66	69	73
3	22	24	34	34	36	34	36	40	48	64	52	56	60	58	52
4	11	25	17	22	24	23	31	38	40	42	34	34	21	24	24
5	40	43	38	33	38	40	47	68	58	45	43	43	38	40	49
6	54	24	30	14	9	5	18	7	2	-22	9	20	42	44	44
7	18	16	18	18	20	22	48	38	18	40	34	40	50	66	71
8	62	63	60	66	53	40	41	56	53	61	104	65	41	53	58
9	48	70	62	70	26	40	62	17	60	66	68	47	40	50	49
10	-	-	-	-	-	-	-	61	54	48	59	57	56	62	64
11	47	45	38	42	40	45	60	57	47	61	60	63	72	59	64
12	-	-	24	22	14	38	46	22	68	55	43	59	37	45	53
13	43	41	41	36	27	16	26	18	30	29	22	23	50	-	38
14	45	18	25	49	31	28	29	21	44	24	26	7	8	10	6
15	66	71	68	51	63	71	71	43	57	46	56	74	61	66	37
16	54	46	32	40	47	43	46	47	59	55	45	44	49	38	40
17	38	43	23	21	18	40	41	32	45	55	42	50	44	44	62
18	32	34	32	88	-	-	-	-	-	35	26	29	38	32	20
19	22	26	28	34	±∞	±∞	85	126	94	98	69	-52	62	58	56
20	57	54	65	58	34	25	25	37	42	32	44	33	41	57	59
21	25	27	31	43	55	31	33	35	44	40	43	41	43	36	25
22	29	31	32	24	26	15	35	33	37	34	38	32	36	34	30
23	17	12	7	13	22	23	45	43	43	45	31	30	32	30	26
24	-	-	-	-	-	38	38	48	52	51	37	42	43	31	43
25	20	28	15	14	10	18	22	43	49	51	52	41	44	40	44
26	22	20	22	20	26	30	43	27	44	40	40	42	40	49	47
27	26	18	30	-	-	-	-	85	75	54	34	5	-14	16	39
28	48	46	52	62	50	50	75	56	56	36	5	26	- 4	- 9	7
29	155	139	75	89	85	69	85	71	66	98	94	69	46	44	38
30	34	-	-	-	-	-	-	-	-	-	-	-	-96	-81	-85
31	38	44	44	40	42	-	-	64	-	71	44	69	69	66	60
Prom.	36.4	39.3	37.9	36.9	36.8	33.2	40.4	43.4	47.6	46.7	49.9	45.4	43.9	46.1	42.9

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	6.45	6.86	13.31	0.94	8.58	6.94	15.52	1.24	0.73	0.88	1.61	0.83	0.99	0.89	1.88	1.11
2	6.78	6.43	13.21	1.06	-	-	-	-	0.92	0.92	1.84	1.00	0.99	1.05	2.04	0.94
3	4.04	3.98	8.02	1.02	6.36	5.95	12.31	1.06	0.52	0.53	1.05	0.98	1.08	0.42	1.50	2.57
4	2.04	1.89	3.93	1.08	3.30	2.58	5.88	1.29	0.28	0.25	0.53	1.12	0.38	0.35	0.73	1.08
5	2.99	3.72	6.71	0.82	5.79	7.02	2.81	0.83	0.43	0.42	0.85	1.02	0.58	0.78	1.36	0.74
6	8.71	9.28	17.99	0.94	11.12	13.72	24.84	0.81	1.10	1.39	1.49	0.79	1.04	1.35	2.39	0.77
7	12.95	13.37	26.32	0.97	9.55	9.81	19.36	0.96	1.04	1.16	2.20	0.90	1.00	1.06	2.06	0.94
8	1.61	2.82	4.43	0.57	-	-	-	-	0.25	0.31	0.56	0.81	0.37	0.45	0.82	0.82
9	5.52	6.58	12.10	0.84	8.69	7.58	16.27	1.14	0.73	0.89	1.62	0.82	1.07	0.87	1.94	1.23
10	3.92	3.64	7.56	1.08	3.40	3.34	6.74	1.00	0.42	0.42	0.84	1.00	0.35	0.40	0.75	0.88
11	3.14	3.16	6.30	1.00	3.44	3.77	7.21	0.92	0.45	0.45	0.90	1.00	0.85	0.43	1.28	1.98
12	1.93	5.71	7.64	0.34	6.45	7.08	13.53	0.91	0.73	0.75	1.48	0.97	0.75	0.95	1.70	0.79
13	6.63	8.13	14.76	0.81	3.41	4.04	7.45	0.87	0.88	0.95	1.83	0.93	0.40	0.48	0.88	0.83
14	7.59	7.66	15.25	0.99	11.63	12.27	23.90	0.96	-	-	-	-	1.36	1.66	3.02	0.82
15	3.54	3.39	6.93	0.93	2.72	2.77	5.49	1.00	0.40	0.36	0.76	1.11	0.29	0.29	0.58	1.00
16	5.39	6.55	11.94	0.82	7.54	6.95	14.49	1.09	0.89	0.89	1.78	1.00	1.09	1.20	2.29	0.91
17	8.46	8.12	16.58	1.04	3.94	4.28	8.22	0.93	1.21	1.18	2.39	1.02	0.48	0.57	1.05	0.84
18	2.62	6.57	9.19	0.40	3.99	4.58	8.57	0.85	0.64	0.43	1.07	1.49	0.35	0.50	0.85	0.70
19	7.56	9.63	17.19	0.79	8.91	6.78	15.69	1.31	1.09	1.20	2.29	0.91	0.94	0.70	1.64	1.34
20	8.67	11.11	19.78	0.78	10.22	10.98	21.20	0.94	-	-	-	-	1.89	1.20	3.09	1.58
21	8.20	10.30	18.50	0.81	9.09	13.38	22.47	0.67	1.09	1.19	2.28	0.92	1.28	1.27	2.55	1.01
22	7.66	5.88	13.54	1.31	-	-	-	-	0.55	0.68	1.23	0.81	-	-	-	-
23	7.52	8.22	15.74	0.92	8.82	8.82	17.64	1.00	0.84	1.03	1.87	0.82	1.18	1.19	2.37	0.99
24	6.17	6.86	13.03	0.90	7.97	5.28	13.25	1.51	0.79	0.88	1.67	0.90	1.21	0.99	2.20	1.22
25	2.02	4.26	6.28	0.48	8.22	8.68	16.90	0.95	0.39	0.52	0.91	0.66	1.12	1.27	2.39	0.88
26	9.77	11.26	21.03	0.86	10.31	8.96	19.27	1.16	1.17	1.29	2.46	0.91	1.27	1.23	2.50	1.03
27	9.70	8.66	18.36	1.11	10.36	10.79	21.15	0.96	0.15	0.17	0.32	0.88	0.89	0.99	1.88	0.90
28	12.62	8.60	21.22	1.46	9.59	10.81	20.40	0.88	0.48	1.01	1.49	0.48	1.01	1.34	2.35	0.75
29	3.62	3.91	7.53	0.92	4.26	4.80	9.06	0.88	0.47	0.56	1.03	0.84	0.67	0.82	1.49	0.82
30	7.87	6.17	14.04	1.30	8.39	6.78	15.17	1.24	0.84	0.88	1.72	0.95	0.86	0.86	1.72	1.00
31	6.45	6.48	12.93	1.00	7.68	4.79	12.47	1.59	0.75	0.79	1.54	0.95	0.97	0.64	1.61	1.52
Prom.	6.20	6.75	12.95	0.91	7.28	7.27	14.55	1.03	0.70	0.77	1.47	0.92	0.89	0.87	1.76	1.07

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
29	31	34	26	21	9	10	18	22	36,9	114	- 8	122	1
78	89	94	105	94	58	52	50	50		130	-14	144	1*
54	48	42	44	34	38	26	30	24	41.2	96	00	96	0
24	26	22	12	23	30	36	40	35	27.4	86	-14	100	1
43	40	26	10	17	43	55	22	28		114	-50	164	2
42	20	14	30	38	36	18	14	14		96	-67	163	2
85	91	71	66	69	75	66	69	75	49.3	117	- 9	126	1
36	43	59	60	61	56	53	39	51	55.6	∞	0	-	0
47	49	55	-	-	-	-	-	-		∞	-101	-	1*
59	55	74	57	49	60	62	60	57		∞	- 6	-	1*
59	44	-	-	-	-	-	-	-		104	21	83	0*
37	45	30	-	-	40	55	45	47		95	20	115	1*
28	28	20	30	25	40	34	38	36		∞	∞	-	3*
16	20	21	30	38	38	45	42	55		82	63	145	2
60	29	47	61	70	89	76	52	54	60.0	∞	- 5	-	1
43	26	38	51	45	69	96	101	117	53.0	137	- 6	143	1
50	51	34	16	-	-	-	-	-		90	0	90	0*
24	32	16	40	45	49	42	24	20		68	-16	84	1*
52	46	48	37	48	45	47	51	37		∞	-∞	-	3*
43	41	16	24	35	34	42	28	36	40.1	99	-14	113	1
40	41	39	34	34	34	30	32	34	36.2	86	-20	106	1
32	32	32	26	34	32	32	34	26	31.1	88	-12	100	1
24	18	14	16	15	14	15	-	-		90	-21	111	1*
-18	-	-	-	-	-	30	20	19		∞	-∞	-	3*
43	42	39	14	14	26	60	51	35	34.0	84	-18	102	1
43	44	43	-	-	-	-	-	-		106	1	105	0*
-52	2	14	46	54	46	46	48	50		∞	-∞	-	3*
- 4	36	50	48	62	103	149	190	194		215	-118	333	2
34	18	50	60	58	42	64	36	44		201	-20	221	2
-61	-44	7	26	9	- 5	12	20	26		119	-∞	-	3*
78	56	40	34	23	50	36	58	34		139	7	146	1*
44.4	40.9	39.9	38.0	40.0	44.7	47.9	44.9	46.3	42.2				

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^-
45	45	38	2.26	2.38	853	981	1834	0.87	0.86	1.41
58	64	94	3.92	6.39	1161	964	2125	1.20	1.86	-
54	54	48	1.89	2.40	983	737	1720	1.33	1.80	0.99
32	42	28	0.74	0.68	566	658	1224	0.86	2.22	3.47
43	47	38	1.33	1.72	976	561	1537	1.74	0.40	0.96
9	14	14	1.16	1.11	603	1165	1768	0.52	0.57	0.54
30	42	87	3.08	5.97	1224	1190	2414	1.03	0.31	0.45
±∞	70	54	1.31	1.48	339	1096	1435	0.31	1.07	3.05
68	62	55	3.35	3.56	614	566	1180	1.08	0.65	0.63
60	53	47	1.77	1.18	509	1285	1794	0.40	0.03	1.53
53	66	43	1.98	1.83	425	524	949	0.81	0.43	-
42	56	47	2.76	2.66	454	920	1374	0.49	1.21	-
21	24	27	1.46	0.79	306	339	645	0.90	-	-
15	7	22	-	2.21	339	855	1194	0.40	-	2.16
55	72	36	1.82	0.70	490	454	944	1.08	1.21	0.81
43	42	30	2.49	2.29	675	740	1415	0.91	-	-
40	46	49	3.66	1.72	853	859	1712	0.99	-	0.46
16	21	32	0.75	0.91	983	849	1832	1.16	1.20	1.07
50	-35	54	-2.67	2.95	394	1106	1500	0.36	-	1.61
33	36	35	-	3.60	735	677	1412	1.08	1.07	1.32
39	44	40	3.34	3.40	1251	1285	2536	0.97	-	1.16
38	33	33	1.35	-	1161	907	2068	1.28	0.17	0.80
30	29	17	1.81	1.34	614	792	1406	0.78	-	0.22
37	38	-	2.12	-	570	425	995	1.34	1.91	-
50	43	41	1.30	3.27	796	825	1621	0.96	0.75	0.50
35	47	49	3.85	4.08	733	983	1716	0.74	-	1.01
26	18	2	0.19	0.12	670	796	1466	0.84	-	-
16	30	40	1.49	3.13	1247	1345	2592	0.93	0.43	-
105	85	30	2.92	1.49	796	792	1588	1.00	0.74	1.83
-	-	-39	-	-2.24	853	796	1649	1.07	0.64	2.13
46	62	50	3.18	2.68	425	339	764	1.25	-	-
41	42	38	1.95	2.20	729	833	1562	0.92	0.93	1.28

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	53.6	53.2	52.8	53.2	54.2	53.5	54.8	54.8	55.0	55.0	54.7	54.6	54.4	54.3
2	58.7	59.2	60.2	60.7	61.4	67.4	68.0	69.0	69.4	69.5	69.3	69.3	69.0	68.8	68.6
3	67.7	67.2	66.8	66.9	67.0	66.8	67.0	67.2	66.8	67.0	66.6	66.5	65.6	64.9	64.7
4	63.3	62.6	62.2	62.3	62.4	62.7	63.1	63.1	62.8	62.7	62.4	61.8	61.1	60.5	60.2
5	59.3	58.4	58.2	58.3	58.4	59.0	59.2	59.2	59.0	58.9	58.6	58.0	57.3	56.9	56.8
6	58.6	58.7	58.7	59.5	59.9	59.9	60.4	60.6	61.7	62.0	62.4	62.2	62.2	62.2	62.3
7	65.5	65.5	65.2	65.2	65.2	65.3	65.4	65.9	66.0	65.9	66.0	65.9	65.8	65.5	65.5
8	67.5	67.3	67.0	67.1	67.2	67.5	68.2	68.4	68.4	68.0	67.5	67.3	66.6	66.2	65.7
9	66.4	65.7	66.1	66.0	66.3	66.8	66.2	67.6	67.9	67.5	67.4	67.3	66.9	66.8	66.6
10	68.2	68.0	67.8	67.9	67.9	68.2	68.2	68.2	68.2	68.4	68.2	67.8	67.2	66.8	66.3
11	65.0	64.0	64.5	64.3	64.3	64.8	64.9	64.8	64.6	64.4	63.7	63.3	62.6	62.0	61.8
12	61.2	60.9	60.8	60.7	60.9	61.2	61.5	61.6	61.6	61.3	61.0	60.8	60.5	59.9	59.3
13	59.3	59.2	59.1	59.1	59.5	60.0	60.2	60.3	60.6	60.5	60.6	60.6	60.8	60.2	59.4
14	59.8	60.0	59.9	59.7	60.0	60.1	61.1	61.9	62.0	61.8	61.6	62.1	61.9	62.0	61.9
15	63.1	62.8	62.9	62.8	63.0	63.6	64.3	64.4	64.7	64.5	64.3	64.7	63.3	62.6	62.0
16	63.6	63.5	63.4	63.6	63.9	64.2	64.4	64.5	64.3	64.2	63.9	63.7	63.1	62.6	62.0
17	63.8	63.8	63.7	63.7	63.8	63.8	64.6	64.6	64.5	64.4	64.2	63.8	63.4	62.4	61.8
18	62.5	62.5	62.4	62.3	62.2	62.4	62.6	62.6	62.8	63.5	62.3	62.2	61.8	61.5	60.9
19	60.4	60.3	60.1	60.0	60.8	61.2	61.2	61.2	61.0	61.0	60.9	60.7	60.4	60.1	59.8
20	59.5	59.4	59.4	59.4	59.5	59.7	59.9	60.4	60.4	60.4	63.1	59.9	59.6	59.1	58.7
21	58.1	57.7	57.6	57.6	57.6	57.8	58.0	58.1	58.3	58.4	58.3	58.3	58.2	57.8	57.2
22	56.2	55.9	55.8	55.9	56.2	56.6	56.9	57.1	57.1	56.9	56.7	56.6	56.1	55.6	55.2
23	55.5	55.4	55.1	55.0	55.2	55.4	55.6	55.7	55.7	55.4	55.3	54.9	54.3	54.0	53.6
24	58.3	57.9	58.5	59.1	60.1	61.0	61.5	62.0	62.1	62.2	62.3	62.8	62.7	62.5	62.7
25	65.7	65.5	65.4	65.6	66.0	66.3	66.7	67.3	67.5	67.4	67.0	66.6	66.4	66.2	65.5
26	64.3	64.0	63.9	63.8	63.7	63.6	63.5	62.8	62.3	61.8	61.2	60.7	60.1	59.0	57.7
27	52.1	51.6	51.6	53.5	53.6	52.0	51.9	51.8	51.4	51.3	51.4	51.7	52.4	52.9	53.8
28	61.6	61.9	61.9	62.4	62.9	63.4	64.0	64.4	64.4	64.7	64.6	64.5	64.4	64.1	63.8
29	67.0	67.2	67.2	67.2	67.2	67.5	67.7	67.7	67.5	67.2	66.7	66.3	65.7	65.0	64.4
30	63.7	63.3	63.0	62.8	62.8	63.1	63.1	63.1	62.8	62.8	62.3	61.3	60.8	60.2	59.7
31	63.1	63.6	63.9	64.6	64.9	65.3	65.8	66.1	65.6	65.6	65.5	65.4	65.2	64.8	64.5
Prom	61.7	61.5	61.5	61.6	61.8	62.3	62.5	62.8	62.8	62.7	62.6	62.3	61.9	61.5	61.2

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	13.7	13.8	13.8	13.8	13.8	13.8	13.9	15.3	16.8	18.7	20.2	21.8	22.2	22.5	22.4
2	8.3	8.0	7.7	7.0	5.7	5.4	6.4	9.2	9.3	10.2	11.3	11.9	12.0	11.8	11.5
3	4.8	4.7	4.8	5.1	5.5	6.0	6.8	9.1	11.4	12.3	13.0	13.4	14.5	14.8	14.5
4	8.6	7.8	7.4	6.8	7.7	8.4	9.4	10.8	12.5	13.5	14.4	15.1	15.8	15.7	15.0
5	4.5	3.9	3.9	3.5	3.2	2.6	6.3	12.4	14.7	15.8	16.4	17.4	17.6	18.8	18.6
6	8.5	8.5	8.7	9.0	9.1	9.8	10.5	12.3	12.4	12.5	12.6	12.9	14.2	14.8	14.6
7	9.0	7.1	5.8	5.0	4.5	4.5	5.8	7.8	7.8	10.1	10.8	10.8	11.9	12.4	12.6
8	7.8	7.8	8.0	8.2	8.3	8.5	8.8	8.9	9.2	10.9	14.3	14.9	15.3	16.6	16.6
9	10.2	10.2	10.0	9.8	9.9	10.1	10.3	11.6	11.9	14.1	17.4	18.1	18.3	19.5	19.3
10	12.7	12.0	11.8	11.6	11.1	11.5	14.0	15.6	16.5	16.8	17.3	17.8	18.1	18.2	18.3
11	12.2	12.3	12.3	12.1	11.8	11.6	14.2	16.7	17.8	19.1	20.1	20.6	22.2	22.4	22.1
12	12.0	10.6	10.6	10.4	10.5	9.4	12.4	17.5	19.5	21.1	20.9	21.3	19.9	20.6	21.8
13	14.4	13.9	13.0	12.1	11.4	11.5	13.2	17.2	19.8	22.0	22.5	22.9	21.1	20.0	19.3
14	13.3	13.2	13.1	12.9	13.4	13.5	13.7	13.8	13.8	13.7	13.6	13.6	13.6	13.4	12.5
15	7.0	6.5	5.9	5.2	4.8	4.2	6.5	11.3	13.7	15.7	17.6	19.0	19.8	20.2	20.0
16	6.5	8.1	7.5	7.6	6.2	5.9	12.6	16.5	18.9	20.1	21.0	21.7	22.3	22.6	22.2
17	11.9	10.2	9.2	9.7	9.7	9.5	13.5	17.0	19.4	19.8	20.0	19.8	19.9	19.6	19.6
18	16.1	15.6	15.4	14.6	14.4	14.5	15.7	17.5	17.9	19.4	20.5	21.6	22.5	23.4	23.6
19	18.4	17.9	17.5	17.3	17.2	16.0	16.2	16.2	16.1	16.1	16.0	15.9	16.1	17.2	16.5
20	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.5	17.1	18.1	18.2	18.7	19.3	20.0
21	13.8	14.2	14.4	14.3	14.8	15.2	16.3	16.6	16.5	17.2	17.8	18.2	20.2	20.5	20.0
22	14.0	13.7	13.9	14.4	14.6	14.7	14.9	15.9	17.6	18.0	19.3	19.6	20.1	21.7	21.1
23	12.9	12.7	12.4	11.8	11.1	10.5	13.4	16.8	18.9	20.8	22.1	23.9	25.0	25.9	25.9
24	10.9	10.7	10.8	10.9	10.8	10.1	10.2	10.4	10.6	11.6	13.2	14.9	15.8	16.4	16.1
25	6.5	5.1	4.1	3.7	3.1	2.3	7.4	10.3	12.3	13.4	14.0	15.4	15.8	16.5	16.4
26	6.3	6.2	5.9	5.1	4.7	5.0	10.3	13.3	14.7	15.6	16.6	17.2	17.6	18.0	18.9
27	13.4	13.8	14.0	14.1	13.4	13.6	14.0	16.7	18.4	19.8	21.2	21.2	21.5	20.3	18.0
28	4.4	2.5	2.4	2.3	1.7	2.5	6.6	10.6	11.7	13.7	14.0	15.0	16.1	17.0	17.0
29	3.7	2.7	3.0	1.8	1.1	1.9	8.7	12.6	15.2	16.5	17.5	19.2	19.6	20.7	20.5
30	9.0	8.9	9.1	8.4	8.2	8.6	12.7	16.4	18.5	20.1	21.2	22.3	23.4	23.9	24.1
31	12.5	9.9	8.7	7.4	6.4	6.5	7.3	12.8	14.6	16.6	17.4	17.9	18.8	19.2	19.4
Prom	10.4	10.0	9.7	9.7	9.2	9.2	11.2	13.7	15.0	16.2	17.2	17.9	18.4	18.8	18.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
54.3	54.9	55.5	56.9	59.0	60.1	61.3	61.8	62.7	62.7	24	52.8	4	9.5	755.7 mm.	1007.6 mb.
68.2	67.2	68.6	68.8	68.8	69.0	69.0	68.8	68.3	69.5	10	58.7	1	10.8	66.9	1022.5
63.9	64.2	64.2	64.3	64.2	64.2	64.3	64.3	63.6	68.3	0	63.6	24	4.7	65.7	1020.9
60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.0	59.8	63.6	0	52.8	24	10.8	61.4	1015.2
56.8	56.9	57.3	57.4	58.0	58.2	58.4	58.1	58.3	59.8	0	56.8	15,16	3.0	58.1	1010.8
62.7	63.2	63.6	63.8	64.3	64.6	64.9	65.1	65.3	65.3	24	58.3	0	7.0	62.0	1016.0
65.6	65.7	66.2	66.7	67.1	67.6	67.5	67.5	67.5	67.6	21	65.2	3-5	2.4	66.0	1021.3
65.5	65.1	65.1	65.3	65.9	66.1	66.1	66.2	66.4	68.4	8,9	65.1	17,18	3.3	66.7	1022.2
66.4	66.3	66.6	67.1	67.4	67.6	67.9	68.1	68.3	68.3	24	65.7	2	2.6	67.0	1022.6
65.8	65.5	65.3	65.3	65.3	65.5	65.4	65.3	65.3	68.3	0	65.3	18-20,23,24	3.0	66.9	1022.5
61.7	61.4	61.4	61.4	61.8	61.9	62.0	61.9	61.6	65.3	0	61.4	17-19	3.9	63.1	1017.4
59.2	59.2	59.2	59.4	59.6	59.8	59.8	59.9	59.9	61.6	0,8,9	59.2	16-18	2.4	60.4	1013.8
59.0	59.6	59.3	59.1	59.0	59.5	59.8	60.0	60.0	60.8	13	59.0	16,20	1.8	59.8	1013.0
61.8	62.1	62.4	62.8	62.8	62.9	63.1	63.3	63.2	63.3	23	59.7	4	3.6	61.7	1015.6
61.8	62.1	62.5	62.9	63.2	63.5	63.7	63.6	63.8	64.7	9,12	62.0	15	2.7	63.3	1017.7
62.1	62.3	62.6	63.1	63.4	63.9	63.8	63.8	63.8	64.5	8	62.0	15	2.5	63.5	1018.0
61.7	62.1	62.2	62.2	62.6	62.9	62.7	62.7	62.7	64.6	7,8	61.7	16	2.9	63.2	1017.6
60.4	60.4	59.9	59.7	60.4	60.3	60.3	60.3	60.5	63.5	10	60.3	21-23	3.2	61.5	1015.3
59.5	59.6	59.7	59.8	60.0	60.1	60.0	60.0	59.9	61.2	6-8	59.5	16	1.7	60.3	1013.7
58.7	58.8	58.8	58.8	58.6	58.8	58.8	58.5	58.4	63.1	11	58.4	24	4.7	59.4	1012.5
56.9	56.8	56.6	56.6	56.8	56.8	56.8	56.8	56.5	58.4	0,10	56.5	24	1.9	57.5	1010.0
55.1	55.2	55.2	55.4	55.8	55.9	55.9	55.8	55.7	57.1	8,9	55.1	16	2.0	56.0	1008.0
53.5	53.3	53.5	53.7	54.2	54.7	54.8	56.5	57.7	57.7	24	53.3	17	4.4	54.9	1006.5
63.1	63.5	63.9	64.3	64.9	65.7	65.9	66.2	66.2	66.2	23,24	57.7	0	8.5	62.5	1016.6
65.2	65.1	65.0	65.0	65.0	64.7	64.7	64.6	64.6	67.5	9	64.6	23,24	2.9	65.8	1021.0
57.0	56.4	56.0	55.4	55.2	54.7	53.9	53.4	52.8	64.6	0	52.8	24	11.8	59.5	1012.6
55.0	56.2	57.5	58.6	59.1	59.9	61.0	61.5	61.5	61.5	23,24	51.3	10	10.2	54.7	1006.2
64.1	64.2	64.4	65.0	65.9	66.3	66.5	66.9	66.9	66.9	23,24	61.5	0	5.4	64.3	1019.0
64.1	63.9	63.9	63.9	64.0	64.4	64.2	64.4	64.3	67.7	7,8	63.9	17-19	3.8	65.8	1021.0
59.3	59.1	59.3	59.3	60.8	61.6	61.9	62.6	62.8	64.3	0	59.1	17	5.2	61.7	1015.6
64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.9	64.7	66.1	8	62.8	0	3.3	64.8	1019.7
61.1	61.1	61.3	61.5	61.9	62.1	62.2	62.4	62.4	64.3		59.6		4.7	61.9	1015.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
22.1	21.5	20.0	16.7	14.4	13.2	12.1	11.2	9.4	22.5	14	9.4	24	13.1	16.5
11.0	9.9	8.9	7.9	7.4	6.9	6.5	5.8	5.0	12.0	13	5.0	24	7.0	8.5
14.4	14.0	13.2	10.9	9.4	9.3	9.7	9.7	9.2	14.8	14	4.6	1-2	10.2	10.0
14.6	14.5	14.1	12.3	11.2	10.1	8.6	6.7	5.7	15.8	13	5.7	24	10.1	11.1
17.8	17.6	15.0	13.0	11.5	10.6	9.4	8.4	8.5	18.8	14	2.5	6-7	16.3	11.3
13.7	12.7	11.7	11.6	10.2	10.1	10.3	10.2	9.6	14.8	14	8.5	1,2	6.3	11.3
12.5	12.4	12.0	10.6	9.0	8.0	7.3	7.6	7.7	12.6	15	4.5	5,6	8.1	8.9
16.4	16.2	14.4	12.7	12.1	12.1	11.9	11.7	10.6	16.7	15-16	7.7	2-3	9.0	11.8
19.1	17.9	16.1	14.7	14.3	14.3	14.4	14.0	13.5	19.5	14	9.6	4-5	9.9	14.1
18.3	18.0	16.5	14.5	13.1	12.1	11.7	11.7	12.1	18.3	15,16	11.1	5	7.2	14.6
21.4	20.5	18.4	16.6	15.6	14.7	14.3	13.5	13.3	22.4	14	11.6	6	10.8	16.5
21.7	20.2	18.4	16.7	16.4	16.1	15.9	15.9	15.1	21.8	15	9.4	6	12.4	16.8
19.1	19.0	18.2	16.7	15.7	14.8	14.6	14.4	13.6	22.9	12	11.4	5	11.5	16.7
12.3	12.2	12.1	12.0	11.4	10.5	9.2	8.0	7.1	13.8	8,9	7.1	24	6.7	12.3
19.3	18.2	15.5	13.3	10.9	8.7	7.3	6.2	6.4	20.2	14	4.2	6	16.0	11.8
22.1	20.5	18.0	16.0	14.9	15.1	14.7	14.2	13.5	22.6	14	5.7	5-6	16.9	15.4
19.3	18.8	17.7	16.7	16.2	15.5	15.3	16.3	16.3	20.5	12-13	8.8	2-3	11.7	15.9
23.1	22.6	21.4	20.3	19.6	19.5	19.5	19.6	19.1	23.6	15	14.4	5	9.2	19.0
16.5	16.6	16.7	16.6	16.7	16.7	16.7	16.6	16.5	19.1	0	15.9	6-7	3.2	16.8
19.6	19.0	18.1	17.3	16.8	15.7	14.3	13.6	13.4	20.0	15	13.4	24	6.6	16.8
19.7	18.5	17.7	16.4	15.0	14.5	14.0	14.0	14.1	20.6	13-14	13.8	1	6.8	16.4
20.0	19.5	19.1	17.4	16.4	15.4	14.8	14.2	13.2	22.5	14-12	13.2	24	9.3	16.8
25.8	25.1	23.5	20.6	18.8	17.5	17.8	17.4	13.5	26.0	15-16	10.5	6	15.5	18.5
15.4	14.6	13.8	12.7	11.5	10.8	9.7	8.9	7.9	16.4	14	7.9	24	8.5	12.0
16.4	16.0	14.7	11.9	9.6	8.5	7.5	6.0	5.9	16.5	14	1.9	5-6	14.6	10.1
18.8	18.3	16.9	15.8	14.9	13.9	13.8	13.6	13.6	19.1	14-15	4.8	5-6	14.3	13.1
16.2	14.9	12.7	10.7	9.0	8.2	7.3	5.9	4.8	21.6	12-13	4.8	24	16.8	14.3
16.0	15.7	14.4	11.5	9.4	8.7	7.5	6.2	4.8	17.0	14,15	1.7	5	15.3	9.6
20.0	18.4	16.8	14.7	13.0	12.0	10.8	10.7	9.4	22.0	14-15	1.1	5	20.9	12.1
24.3	23.8	22.5	20.2	20.5	19.4	18.0	16.6	14.8	25.0	15-16	8.2	5	16.8	17.3
18.8	17.1	14.6	12.8	12.0	11.1	10.8	9.7	8.5	19.4	15	6.5	6	12.9	13.0
18.2	17.6	16.2	14.6	13.4	12.7	12.1	11.6	10.8	19.3		7.9		11.4	13.8

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	100	100	100	100	100	100	100	93	83	70	66	54	48	49	53
2	87	85	84	87	91	89	76	65	63	62	58	56	58	60	62
3	88	87	87	87	86	85	83	78	73	74	75	75	74	71	70
4	99	100	100	100	100	100	100	93	78	75	69	62	62	60	68
5	99	100	100	100	100	100	100	90	66	60	59	54	51	52	49
6	94	95	95	95	93	92	91	84	85	84	81	72	67	66	66
7	83	85	90	94	95	96	91	89	89	77	81	79	76	73	68
8	99	99	98	98	98	97	97	97	96	83	74	69	67	60	61
9	98	98	98	99	99	99	100	100	99	98	59	61	57	50	51
10	85	90	94	96	95	91	82	75	69	70	68	68	66	63	61
11	89	87	92	94	96	98	87	81	77	73	68	59	49	47	47
12	96	98	98	99	100	100	99	87	78	67	64	64	67	67	49
13	94	95	95	96	96	96	97	96	79	67	62	60	65	72	75
14	97	98	98	98	99	99	100	100	100	100	99	98	96	95	95
15	100	100	99	100	100	100	91	79	55	58	52	38	34	28	28
16	89	75	81	89	90	96	79	68	55	41	40	38	40	42	43
17	93	96	96	91	94	93	83	73	64	52	50	50	47	53	54
18	79	82	86	90	96	90	81	76	73	70	68	64	60	59	60
19	76	77	80	81	86	95	90	91	91	93	93	95	94	92	91
20	97	97	96	96	96	95	94	94	89	87	81	82	80	78	78
21	96	96	96	96	96	95	95	95	90	86	84	78	74	72	74
22	96	97	98	99	99	100	95	93	86	83	75	73	72	66	73
23	98	98	98	99	99	99	98	83	79	70	62	53	46	44	43
24	95	91	86	81	79	79	76	74	71	70	64	60	56	54	56
25	98	99	100	100	100	100	85	64	55	53	48	43	39	38	36
26	87	87	88	90	92	78	55	48	48	46	43	43	45	46	47
27	79	79	78	94	95	93	87	80	74	65	46	48	52	51	53
28	86	94	95	94	95	90	73	59	50	44	43	39	35	33	34
29	99	99	100	100	100	100	69	49	51	51	41	33	33	24	27
30	87	88	83	82	79	78	62	49	41	36	34	33	35	33	34
31	68	81	90	96	97	93	85	70	58	46	42	39	36	36	36
Prom.	91	92	93	94	95	94	87	80	73	68	63	59	57	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	11.0	11.0	11.0	11.0	11.0	11.0	11.5	12.0	11.5	10.5	11.5	10.0	9.5	10.0	10.5
2	7.0	6.6	6.4	6.6	6.2	5.8	5.8	5.7	5.4	5.8	5.6	6.0	6.0	6.0	6.2
3	5.6	5.6	5.6	5.6	5.8	5.6	6.0	6.8	7.2	7.6	8.0	8.0	8.5	8.9	8.0
4	8.0	7.6	7.4	7.2	7.6	7.8	8.5	8.9	8.5	8.0	8.0	7.8	8.0	8.0	8.5
5	6.0	5.8	5.8	5.6	5.6	5.2	6.8	9.6	8.0	7.6	7.8	7.8	7.8	8.5	7.6
6	7.6	7.6	7.6	7.8	7.8	8.0	8.5	9.0	8.5	8.5	8.5	7.8	8.0	8.3	8.0
7	7.0	6.2	6.0	6.0	5.8	6.0	6.2	7.4	6.8	7.0	7.8	7.4	7.8	7.8	7.2
8	7.6	7.6	7.8	7.8	7.8	8.0	8.0	8.3	8.0	7.8	8.5	8.5	8.5	8.4	8.5
9	9.0	9.0	8.5	8.5	8.5	9.0	9.0	10.2	10.0	11.5	8.5	8.5	9.0	8.4	8.5
10	9.0	9.0	9.5	9.5	9.0	9.0	9.5	9.8	9.0	9.5	9.5	10.0	10.0	9.8	9.5
11	9.0	9.0	9.5	9.5	10.0	9.5	10.5	11.4	11.5	12.0	11.5	10.0	9.5	9.3	9.0
12	10.0	9.0	9.0	9.0	9.0	8.5	10.0	12.7	13.0	12.5	11.5	11.5	11.5	12.4	9.0
13	11.0	10.5	10.0	10.0	9.5	9.5	10.5	13.9	13.0	13.0	12.5	12.0	11.5	12.4	12.0
14	11.0	11.0	10.5	10.5	11.0	11.0	11.0	11.7	11.0	11.0	11.0	11.0	11.0	11.2	10.0
15	7.2	7.0	6.6	6.4	6.2	6.0	6.6	7.9	6.0	7.6	7.8	6.0	5.6	5.0	4.8
16	6.2	5.8	6.4	6.8	6.2	6.6	8.0	9.6	8.0	7.4	7.0	7.2	7.4	8.6	8.5
17	9.5	9.0	8.0	8.0	8.0	8.0	9.5	10.6	10.0	9.0	8.0	8.0	8.0	9.1	8.5
18	10.5	10.5	11.0	10.5	11.5	10.5	11.0	11.3	11.0	11.0	12.0	12.0	11.5	12.7	12.5
19	12.0	11.5	11.5	12.0	12.5	12.5	12.0	12.5	12.5	12.5	12.5	12.0	12.5	13.4	12.5
20	13.0	13.0	13.0	13.0	13.0	12.5	12.5	12.9	12.0	12.5	12.5	12.5	12.0	13.0	13.5
21	11.0	11.5	11.5	11.5	12.0	11.5	12.5	13.3	12.0	12.5	12.5	12.0	12.5	12.9	12.5
22	11.5	11.0	11.5	11.5	12.0	12.0	11.5	12.6	13.6	12.5	12.0	12.0	12.5	12.6	13.5
23	10.5	10.5	10.0	10.0	9.5	9.0	11.0	11.9	12.5	12.0	12.0	11.5	11.0	10.8	10.5
24	9.0	8.5	8.0	7.8	7.4	7.0	7.2	7.0	6.8	7.2	7.0	7.2	7.6	7.6	7.8
25	7.0	6.4	5.8	5.8	5.4	5.2	6.2	6.2	5.6	6.0	6.8	5.4	5.0	5.4	5.2
26	6.2	6.2	6.0	5.6	5.8	5.0	4.8	5.7	5.8	6.2	6.0	6.2	6.4	7.2	7.6
27	8.5	9.0	9.0	11.0	10.5	10.5	10.0	11.4	11.0	10.5	8.5	8.5	10.0	9.2	8.0
28	5.4	5.0	5.0	5.0	4.6	4.6	5.2	5.7	4.8	4.8	5.0	4.8	4.4	4.7	4.6
29	5.8	5.4	5.4	5.0	4.8	5.0	5.6	5.4	6.6	7.2	6.2	5.4	5.6	4.6	5.0
30	7.4	7.4	7.0	6.8	6.2	6.4	6.8	6.8	6.6	6.6	6.0	6.4	7.0	7.4	7.2
31	7.2	7.4	7.2	7.4	7.0	6.6	6.2	7.7	7.0	6.6	6.2	5.6	6.0	6.0	
Prom.	8.6	8.4	8.3	8.3	8.3	8.2	8.7	9.5	9.1	9.2	9.0	8.7	8.8	9.0	8.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
53	55	71	67	65	65	72	78	83	100	1-7	48	13	52	76
62	65	65	65	71	75	80	84	87	93	5-6	55	14-15	38	72
67	72	81	92	97	95	90	94	97	97	20,24	67	16	30	82
73	72	75	85	87	94	97	98	98	100	2-7	57	12-13	43	85
52	51	68	75	84	87	92	87	92	100	2-7	48	13-14	52	78
71	78	81	87	93	94	93	78	88	95	2-4	66	14,15	29	84
69	67	79	86	93	96	98	98	97	98	22,23	64	15-16	34	85
61	64	76	87	93	94	95	96	96	99	1,2	58	14-15	41	86
53	58	65	89	86	86	83	78	100	100	7,8,24	49	13-14	51	82
56	57	65	81	89	95	96	96	95	96	4,22,23	56	16	40	79
48	57	69	77	85	88	91	94	90	98	6	47	14,15	51	77
53	66	77	87	88	89	91	91	93	100	5,6	49	15	51	82
71	75	83	88	91	95	95	96	96	97	7	56	10-11	41	85
92	89	89	89	93	96	99	99	100	100	7-10,24	86	18-19	14	96
21	33	43	52	67	85	93	98	94	100	1,2,4-6	19	15-16	81	69
43	42	57	67	67	70	81	85	86	98	5-6	37	12-13	61	65
57	59	69	79	87	91	91	74	76	97	2-3	47	13	50	74
61	64	68	74	81	82	80	72	71	96	5	59	14	37	74
93	96	97	97	97	97	96	96	96	97	18-21	76	1	21	91
79	83	92	91	94	94	95	96	95	97	1,2	73	14-15	24	90
76	82	86	88	93	95	95	96	96	96	1-5,23,24	72	14	24	89
79	82	83	86	91	92	94	95	95	100	6	66	14	34	88
45	51	61	72	83	88	82	81	89	99	4-6	43	15	56	76
59	65	69	73	79	73	81	79	89	97	0-1	54	14	43	73
40	41	50	71	86	88	93	96	95	100	3-6	36	15	64	72
49	52	56	64	70	78	76	75	75	95	4-5	39	12-13	56	64
53	52	56	60	65	68	73	80	83	95	5	44	11-12	51	69
36	35	44	60	76	87	92	96	98	98	24	33	14	65	66
38	47	50	64	75	76	83	76	83	100	3-6	24	14	76	65
34	36	42	53	53	51	53	54	63	94	1-2	33	12,14	61	54
49	56	57	76	80	85	86	94	93	97	5	35	12-13	62	69
58	61	69	77	82	85	88	87	90	98		52		46	77

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.0	10.0	12.5	9.5	8.0	7.0	8.0	7.6	7.2	12.5	18	7.0	21	5.5	10.1
6.0	5.6	5.2	4.8	5.5	5.4	5.6	5.6	5.6	7.0	1	4.8	19	2.2	5.8
8.0	8.5	9.0	9.0	8.6	8.0	7.8	8.0	8.0	9.0	18,19	5.6	1-4,6	3.4	7.4
8.5	8.5	8.5	8.5	8.7	8.5	8.0	7.0	6.6	8.9	8	6.6	24	2.3	8.0
7.8	7.8	8.5	8.0	8.6	8.0	8.0	7.2	7.6	9.6	8	5.2	6	4.4	7.4
8.5	8.0	8.0	8.5	9.2	8.5	8.5	7.2	7.8	9.2	20	7.2	23	2.0	8.2
7.2	7.2	8.0	8.0	7.5	7.8	7.4	7.4	7.6	8.0	18,19	5.8	5	2.2	7.1
8.5	8.5	9.0	9.5	9.8	9.5	9.5	10.0	9.0	10.0	23	7.6	1,2	2.4	8.5
8.5	8.5	8.5	10.5	10.5	10.5	10.0	9.0	11.0	11.5	10	8.4	14	3.1	9.3
9.0	8.5	8.5	10.0	10.0	9.5	10.0	10.0	9.5	10.0	12,13,19,20,22,23	8.5	17,18	1.5	9.4
9.0	10.0	10.5	10.5	11.2	10.5	11.0	10.5	9.5	12.0	10	9.0	1,2,15,16	3.0	10.2
10.0	12.5	12.0	12.0	12.3	11.5	12.0	12.0	11.5	13.0	9	8.5	6	4.5	11.0
12.0	11.5	12.5	12.0	12.1	11.5	11.0	11.5	11.0	13.9	8	9.5	5,6	4.4	11.5
9.5	9.0	9.0	9.0	9.3	9.0	8.0	7.8	7.2	11.7	8	7.2	24	4.5	10.1
3.8	5.0	5.6	6.0	6.6	6.8	7.0	6.8	6.6	7.9	8	3.8	16	4.1	6.3
8.0	7.6	8.5	9.0	7.6	8.5	10.0	9.5	10.0	10.0	22,24	5.8	2	4.2	7.8
9.5	9.0	10.0	11.0	12.0	12.0	12.0	10.0	10.5	12.0	20-22	8.0	3-6,11-13	4.0	9.5
13.0	12.5	12.5	12.5	13.7	13.5	13.0	12.0	12.0	13.7	20	10.5	1,2,4,6	3.2	11.8
12.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17-24	11.5	2,3	2.0	12.7
13.0	13.5	14.0	13.5	13.4	12.0	11.0	11.0	10.5	14.0	18	10.5	24	3.5	12.6
13.0	13.0	13.0	12.0	11.9	11.0	11.0	11.5	11.5	13.3	8	11.0	1,21,22	2.3	12.1
13.5	13.5	13.5	12.5	12.7	12.0	11.5	11.0	10.5	13.5	15-18	10.5	24	3.0	12.2
10.5	12.5	13.5	13.0	13.3	13.0	12.5	12.0	10.0	13.5	18	9.0	6	4.5	11.4
7.4	7.6	7.8	7.8	8.5	7.0	7.4	6.6	6.8	9.0	1	6.6	23	2.4	7.5
5.2	5.8	5.8	7.4	7.8	7.2	7.0	6.8	6.4	7.8	20	5.0	13	2.8	5.9
7.6	8.0	8.0	8.0	8.8	9.0	9.0	8.0	8.0	9.0	21,22	4.8	7	4.2	6.9
7.2	6.6	6.2	5.4	5.6	5.4	5.4	5.2	5.2	11.4	8	5.2	23,24	6.2	8.2
5.0	4.2	5.2	5.8	6.7	7.2	7.2	6.8	6.2	7.2	21,22	4.2	17	3.0	5.3
6.6	7.4	6.8	7.8	8.3	8.0	7.8	7.4	7.2	8.3	20	4.6	14	3.7	6.3
7.4	8.0	8.5	9.0	9.5	8.5	8.0	7.4	7.8	9.5	20	6.0	11	3.5	7.3
7.6	8.0	8.0	8.5	8.4	8.0	8.0	8.0	7.6	8.5	19	5.6	12	2.9	7.2
8.8	9.0	9.4	9.4	9.7	9.3	9.2	8.8	8.7	10.6		7.2		3.4	8.9

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA HORARIA		PROMEDIO HORARIO 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	8	SW	8	S	3	S	10	SE	17	SE	19	SE	14	SE	18	SE	18	SE	14	9	33	SE	20.20
SE	11	SE	12	SE	10	SE	7	SE	8	SE	8	SE	8	SE	7	SE	7	SE	24	12	29	SE	8.04
SE	4	SE	4	Calma	1	Calma	0	Calma	0	E	3	Calma	1	S	4	SE	4	SE	13	6	12	SE	8.50
NE	7	NE	5	NE	2	NE	7	NE	6	NE	3	E	2	Calma	0	Calma	0	SE	8	3	5	S	12.28
NW	5	W	2	NE	3	NE	6	NE	4	NE	3	Calma	1	NE	5	NE	4	Calma	7	3	7	SW	10.43
SE	7	S	9	S	9	S	3	SW	3	SW	5	SW	6	SE	7	SE	6	SE	10	6	24	S	17.15
S	10	S	7	S	5	S	5	SE	3	S	3	S	3	Calma	1	SE	2	S	16	9	30	S	10.12
Calma	1	E	2	NE	8	NE	7	NE	6	NE	4	E	4	SE	2	SE	2	E SE	8	4	6	SE	3.45
NE	11	NE	12	NE	9	NE	9	NE	7	NE	8	NE	8	NE	8	NE	9	NE	14	6	14	NE	14.02
NE	11	NE	10	E	7	E	4	E	3	E	3	E	3	E	5	E	5	NE	16	8	16	NE	10.50
NE	8	NE	8	NE	9	NE	7	NE	8	NE	4	E	3	E	3	E	3	NE	21	8	13	NE	7.32
NE	8	NE	9	NE	8	NE	5	NE	8	NE	6	NE	6	NE	7	E	3	NE	18	5	8	NE	12.14
E	3	NW	2	S	4	SE	2	SE	3	SE	3	Calma	1	Calma	1	Calma	0	Calma	7	3	14	SW	11.15
SE	7	SE	7	SE	5	SE	5	E	2	SE	4	SE	2	SE	3	SE	3	SE	22	5	10	SE	5.12
NE	12	NE	10	NE	9	NE	6	NE	3	Calma	1	NE	5	NE	5	NE	6	NE	14	6	14	NE	13.05
NE	8	NE	13	NE	10	NE	8	NE	6	NE	6	NE	7	NE	6	NE	7	NE	13	8	12	NE	16.09
NE	12	NE	10	E	7	E	6	E	5	E	5	E	4	NE	10	NE	14	NE	16	9	18	NE	23.10
NE	16	NE	12	NE	10	NE	10	NE	10	NE	8	NE	8	NE	17	NE	19	NE	24	14	25	NE	23.48
NE	3	E	4	Calma	1	NE	2	Calma	0	Calma	0	Calma	1	Calma	1	Calma	0	NE	17	8	25	NE	0.57
SE	4	S	4	S	2	S	4	Calma	1	SW	2	Calma	1	SW	2	Calma	1	S	13	4	8	SW	11.49
SW	10	SW	11	SW	10	SW	5	SW	3	SW	5	SW	6	SW	6	SW	6	SW	22	6	13	SW	14.35
S	9	S	7	SW	6	SW	3	SW	4	SW	4	SW	4	SW	3	SW	2	SW	13	6	14	S	12.20
SW	7	SW	4	W	5	W	4	NW	4	NW	2	NW	4	SE	7	SE	15	SW	11	6	42	S	23.40
SE	7	SE	5	Calma	1	SE	2	SE	2	SE	4	SE	5	SE	5	SE	4	SE	23	8	25	SE	0.07
SE	7	SE	5	E	2	NE	4	E	3	E	3	E	2	NE	3	NW	4	SE	11	4	12	SE	12.27
NW	24	NW	23	NW	17	NW	9	NW	8	N	9	NW	14	NW	16	NW	14	NW	18	15	29	NW	14.24
S	28	S	24	S	20	S	11	SE	7	SE	7	SE	7	S	4	S	5	S	7	16	50	S	14.54
S	18	S	14	S	8	SE	3	E	4	E	4	E	3	Calma	1	Calma	0	S	11	10	36	S	13.02
N	4	NE	11	NE	10	NE	7	NE	7	NE	5	NE	5	N	5	N	4	Calma	7	5	15	NW	12.10
NW	32	NW	26	NW	21	NW	17	NW	14	SE	13	SE	11	SE	8	SE	6	NW	18	19	39	NW	10.22
SE	7	SE	7	SE	13	E	9	E	6	E	4	E	6	Calma	1	SE	2	SE	17	7	13	S	19.01
NE		NE		NE		NE		NE		NE		E		SE-NE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
10		10		11		12		10		9		7		8		11		SE	181	8	DIRECCIÓN	DÍA	HORA
	10		9		8		6		5		5		5		6		6				S	27	de 15.00 a 15.05

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					1	4	14	135	4	30	5	46						215
2							24	290										290
3					6	32	13	95	1	4							4	133
4			6	30	4	16	8	24									6	74
5			6	25	1	3	3	11	3	11	1	6	1	2	2	9	7	71
6			1	5			10	75	4	25	7	27			1	3	1	136
7							2	5	16	156	5	61					1	223
8			5	29	8	27	8	27									3	86
9	1	11	14	130			3	7									6	153
10			16	163	8	36												199
11			21	179	3	9												188
12			18	108	3	10											3	119
13	1	3			4	11	3	8	1	4	6	44			2	4	7	78
14					1	2	22	120									1	123
15			14	117	3	17	6	20									1	155
16	5	46	13	94	1	7									5	40		187
17	3	17	16	172	5	27												216
18			24	335														335
19	1	4	17	190													6	197
20							2	8	13	71	5	14					4	97
21									2	12	22	142						154
22									11	87	13	69						156
23							3	20	4	20	11	73	2	9	3	10	1	133
24							23	211									1	212
25	3	8	2	7	2	7	11	70							1	4	5	98
26	6	63													18	306		369
27							3	21	7	118	4	86	5	76	5	90		391
28					3	11	1	3	11	185	7	41					2	241
29	4	22	6	45									2	18	5	41	7	126
30	2	13					4	38							18	397		448
31			1	13	4	25	17	122	1	7							1	168
SUMAS	26	187	180	1642	57	244	180	1310	78	730	86	609	10	105	60	904	67	5771
% PREVAL POR VELOCIDAD	3.2		28.4		4.2		22.7		12.6		10.6		1.8		15.7		0.7	VELOCIDAD MEDIA DIARIA EN EL MES 189
VELOCIDAD MEDIA POR DIRECCIÓN	7		9		4		7		9		7		10		15		0	

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	7	2	8	2	3	0	1	6
1 - 2	2	5	3	9	1	5	0	2	4
2 - 3	1	5	1	8	1	5	0	3	7
3 - 4	2	5	1	9	3	4	0	3	4
4 - 5	1	6	0	10	3	4	1	2	4
5 - 6	2	5	1	9	2	4	0	2	6
6 - 7	2	5	1	9	4	3	1	1	5
7 - 8	2	6	3	6	2	4	1	2	5
8 - 9	2	6	2	11	2	5	1	2	0
9 - 10	0	8	2	9	4	3	1	4	0
10 - 11	1	7	3	6	6	4	0	4	0
11 - 12	0	8	3	6	6	4	1	3	0
12 - 13	0	9	1	7	5	5	0	4	0
13 - 14	0	8	2	7	6	4	1	3	0
14 - 15	0	8	3	8	3	4	0	5	0
15 - 16	2	10	0	8	4	3	0	3	1
16 - 17	1	10	1	6	6	3	1	3	0
17 - 18	0	11	3	2	7	2	1	2	3
18 - 19	0	12	3	5	5	2	1	2	1
19 - 20	1	10	5	6	0	3	0	3	3
20 - 21	2	9	5	7	1	4	0	1	2
21 - 22	1	6	7	6	1	3	0	2	5
22 - 23	1	8	2	8	2	3	0	1	6
23 - 24	1	6	3	11	1	2	0	2	5
SUMAS	26	180	57	181	77	86	10	60	67
% de frec. por dirección	3.5	24.2	7.7	24.3	10.3	11.6	1.5	8.1	9.0

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	Sc 3 Ci 1	4	Cu 3 Ac 1	4	Cu	1	Ci	4	Sc	6	98	98	98
2	Ci	5	Sc 4 Cs 4	8	Sc	8	Sc 2 As 6	8	As	8	8	8	8
3	Sc	8	As	8	Sc	8	As	8	Ci	8	8	8	8
4	Ac	8	Sc 4 As 3	7	Sc	8	Sc	8	As	1	7	6	7
5	Claro	0	As 3 Cu 1	4	Cu 1 Ci 1	2	Ci 1 Cu 1	2	Ac	3	6	8	8
6	St	8	Sc	8	Sc	8	St 5 Fs 3	8	Sc	8	6	7	8
7	Sc	8	St	8	Sc	8	Cb 1 Sc 2	3	Claro	0	7	8	9
8	Niebla	8	Sc	6	St	8	Ci	4	Ci	4	2	5	8
9	Niebla	8	Cu 5 Ac 1	6	Cu	2	Cu	1	Claro	0	1	9	8
10	Cu	1	Cu	4	Cu	1	Ci	1	Claro	0	8	9	7
11	Cu 1 Ci 2	3	Ci 5 Cu 1	6	Cu 1 Ci 5	6	Ci	4	Claro	0	7	8	8
12	Ci	1	Cu	5	St	7	Ci	1	Claro	0	8	8	8
13	Cs	8	As	8	Sc	8	As 6 Sc 2	8	Claro	0	3	7	7
14	Niebla	8	St	8	St	8	St	8	Sc	5	2	4	8
15	Claro	0	Ci	2	Claro	0	Claro	0	Claro	0	5	7	8
16	Claro	0	Claro	0	Cu 1 Ci 1	2	Ci	1	Claro	0	9	9	8
17	Cs	8	Cs	8	As	8	Ac	7	As	4	8	9	7
18	Cu 3 Ac 1	4	Ci	4	Ci	1	Sc 1 Ac 1 Ci 1	3	Claro	0	7	7	8
19	St	8	Ns	8	St	8	St	8	St	8	6	8	7
20	Sc	8	Sc	8	Sc	8	Sc	8	Sc	1	6	7	8
21	St	8	Sc	8	Sc	8	Sc	8	Claro	0	7	9	9
22	Fst	8	Sc	8	Cu	3	Sc	8	Sc	1	5	9	9
23	Claro	0	Cu 1 Ci 7	8	Ci	5	Cs	8	Ci	1	8	9	8
24	As	8	Sc 2 Ac 4 Cu 1	7	Sc 2 Ac 5 Ci 1	8	Sc 7 As 1	8	As	8	8	9	9
25	Ci	1	Claro	0	Cu	1	Claro	0	Claro	0	9	9	9
26	Ci	5	Cs	7	As Ac	7	Ac	6	Sc	5	9	9	9
27	Sc	6	Claro	0	Cu	3	Cu 2 Ac 3	5	Claro	0	9	9	9
28	Claro	0	Cu	1	Sc 3 Cu 2	5	Sc	2	Claro	0	9	9	8
29	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	6
30	Claro	0	Claro	0	Claro	0	Claro	0	Sc	8	9	7	7
31	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
Prom.		5		5		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	43.2	22.4	1.69	4	3	5	
	10	43.3	23.2	1.63	6	1	5	
	12	46.8	25.4	1.74	1	5	5	
	14	46.7	25.2	1.75	1	5	5	
	15	43.8	25.1	1.52	2	4	5	Js.
2	9	27.6	13.2	1.17	7	2	5	
	10	30.5	14.5	1.30	7	2	5	
	12	33.6	16.3	1.41	8	0	5	
	14	25.0	14.2	0.88	8	0	5	
	15	18.1	12.4	0.46	8	0	5	
3	9	38.6	17.0	1.76	5	4	5	
	10	28.1	15.7	1.01	8	1	5	
	12	24.0	15.9	0.66	8	0	5	
	14	24.2	16.4	0.63	8	0	5	
	15	22.3	16.0	0.51	8	0	5	
4	9	23.0	15.0	0.65	7	0	5	
	10	25.0	16.3	0.71	6	0	5	
	12	40.2	21.6	1.51	7	2	5	
	14	23.7	17.2	0.53	8	0	4	
	15	18.7	15.3	0.28	8	0	5	
5	9	41.5	20.0	1.75	1	5	5	
	10	43.4	21.5	1.78	3	3	5	
	12	31.2	19.2	0.98	5	0	5	
	14	41.4	23.1	1.49	2	5	5	
	15	42.5	22.8	1.60	1	5	5	
6	9				8	0	4	Am.
	10				8	0	4	Am.
	12	15.5	15.5	0.81	8	0	4	
	14	22.2	15.5	0.54	8	0	5	
	15	20.2	15.0	0.42	8	0	5	
7	9				8	0	4	Z.
	10	26.0	15.4	0.86	7	2	5	
	12	23.6	14.5	0.74	8	0	5	
	14				8	0	5	Z.
	15	26.3	16.0	0.84	8	0	5	
8	9	18.0	11.8	0.50	8	0	3	N.
	10	24.9	14.2	0.87	8	0	3	Ne.
	12	25.4	16.9	0.69	8	0	3	Ne.
	14	33.0	20.0	1.06	8	0	4	Ne.
	15	24.6	18.0	0.54	8	0	4	Ne.
9	9				8	0	2	N.
	10				8	0	3	N.
	12	31.4	20.5	0.89	6	1	5	
	14	45.2	24.5	1.68	2	5	5	
	15	43.1	23.6	1.58	1	5	5	
10	9	32.5	19.5	1.06	3	5	5	
	10	32.6	19.5	1.06	3	3	5	
	12	33.7	20.3	1.09	4	3	5	
	14	42.3	23.0	1.57	1	5	5	
	15	42.3	23.2	1.55	1	5	5	
11	9	44.8	23.0	1.77	4	5	5	
	10	46.8	24.8	1.79	4	5	5	
	12	49.8	27.2	1.84	6	5	5	
	14	49.4	27.5	1.78	6	4	5	
	15	44.5	26.1	1.50	7	4	5	
12	9	45.5	24.8	1.68	1	5	5	
	10	53.0	38.5	1.18	2	5	5	
	12	40.0	23.1	1.37	7	1	5	
	14	41.5	24.7	1.36	7	3	5	
	15	43.3	25.5	1.45	7	4	4	Js.
13	9	39.8	24.2	1.27	8	2	3	Ne.
	10	47.5	27.7	1.61	8	4	4	B.
	12	37.2	25.0	0.99	8	4	4	B.
	14				8	0	4	Am.
	15	22.2	19.5	0.22	8	0	5	
14	9				8	0	1	N.,Am.
	10				8	0	2	Ne., Z.
	12				8	0	3	Ne., Z.
	14				8	0	3	Z.
	15				8	0	3	Z.
15	9	40.2	19.5	1.68	0	5	3	Ne.
	10	44.3	21.9	1.82	0	5	5	
	12	46.9	24.9	1.79	0	5	5	
	14	45.2	24.8	1.66	0	5	5	
	15	41.5	23.5	1.46	0	5	5	
16	9	45.8	24.0	1.77	0	5	5	
	10	47.4	25.2	1.80	0	5	5	
	12	48.5	27.0	1.75	0	5	5	
	14	47.8	27.3	1.67	2	5	5	
	15	45.5	26.5	1.54	2	5	5	
17	9	45.6	24.5	1.71	8	1	5	
	10	43.2	24.3	1.54	8	1	5	
	12	43.2	24.4	1.53	8	1	5	
	14	31.5	21.4	0.82	8	0	5	
	15	33.2	22.0	0.91	8	1	5	
18	9	41.2	23.0	1.48	5	3	4	
	10	46.5	25.1	1.74	2	5	4	
	12	50.0	27.9	1.80	6	5	5	
	14	47.3	27.4	1.62	1	5	5	
	15	47.2	27.8	1.58	5	5	5	
19	9				8	0	4	Z.
	10				8	0	4	Z.
	12				8	0	3	LL.
	14	17.8	17.2	0.05	8	0	4	
	15	18.8	17.3	0.12	8	0	5	
20	9				8	0	4	Am.
	10	31.1	25.5	0.46	8	0	5	
	12	26.8	21.7	0.41	8	0	5	
	14	25.5	20.4	0.41	8	0	5	
	15	33.3	22.8	0.85	7	1	5	
21	9				8	0	4	Am.
	10	26.9	19.0	0.64	8	0	5	
	12	30.5	20.3	0.83	8	1	5	
	14	35.0	22.5	1.02	7	1	5	
	15	30.7	23.0	0.63	8	1	5	
22	9	32.2	21.0	0.91	7	1	5	
	10	27.5	20.0	0.61	7	0	5	
	12				8	0	5	Am.
	14	41.5	27.3	1.15	3	5	5	
	15				8	0	4	LL.
23	9	46.1	25.0	1.72	1	5	5	
	10	47.5	26.7	1.69	2	3	5	Js.
	12	49.9	29.5	1.66	8	5	5	
	14	50.7	30.9	1.61	5	5	5	
	15	49.0	30.5	1.28	2	5	5	
24	9	25.0	14.0	0.88	8	0	5	
	10	26.4	14.5	0.97	8	0	5	
	12	37.0	19.5	1.42	6	1	5	
	14	40.2	21.5	1.52	8	1	5	
	15	21.9	16.1	0.47	8	0	5	
25	9	40.4	18.0	1.82	0	5	5	
	10	42.6	19.5	1.88	0	5	5	
	12	43.8	21.3	1.83	0	5	5	
	14	43.6	22.3	1.73	1	5	5	
	15	42.0	21.7	1.65	1	5	5	
26	9	42.7	21.0	1.76	4	5	5	
	10	36.5	20.1	1.33	6	4	5	
	12	33.0	20.5	1.02	7	0	5	
	14	39.1	22.8	1.33	7	3	5	
	15	40.0	23.3	1.36	5	4	5	
27	9	41.0	23.2	1.45	4	5	5	
	10	46.5	25.8	1.68	2	5	5	
	12	49.4	26.8	1.84	0	5	5	
	14	46.0	25.5	1.67	3	5	5	
	15	40.5	22.2	1.49	3	5	5	
28	9	39.7	18.0	1.76	1	5	5	
	10	42.6	19.5	1.88	1	5	5	
	12	41.0	20.6	1.66	3	5	5	
	14	49.8	24.4	-	5	3	5	
	15	43.2	22.2	1.71	5	3	5	
29	9	42.2	20.0	1.80	0	5	5	
	10	44.5	22.0	1.83	0	5	5	
	12	48.4	25.5	1.86	1	5	5	
	14	46.7	25.8	1.70	0	5	5	
	15	45.3	25.3	1.63	0	5	5	
30	9	41.8	23.5	1.49	0	5	5	
	10	47.2	25.9	1.73	0	5	5	
	12	48.7	28.0	1.68	0	5	5	
	14	48.4	28.7	1.60	0	5	5	
	15	46.4	28.2	1.48	0	5	5	
31	9	43.5	21.5	1.79	0	5	5	
	10	45.7	23.0	1.84	0	5	5	
	12	47.5	24.9	1.84	0	5	5	
	14	45.5	24.5	1.71	0	5	5	
	15	44.9	24.5	1.66	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		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		9.8	12.4	79
2		0.1	1.0	1.0	1.0	1.0	1.0	0.6							5.7	12.4	46
3					0.9		0.1								1.0	12.4	08
4						0.3	0.2	0.2							0.7	12.5	06
5		0.4	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.8	0.3		10.2	12.5	82
6								0.1	0.2	0.2	0.1				0.6	12.5	05
7															0.0	12.6	00
8		0.6	0.4			0.5	0.9	0.3	0.3	0.2	0.5	0.8	0.6		5.1	12.6	40
9					0.6	1.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0		8.1	12.7	64
10		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	12.7	91
11		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0.7		10.9	12.7	86
12		0.4	1.0	1.0	1.0	0.8	0.3	0.2		0.8	1.0	1.0	0.7		8.2	12.8	64
13			0.3	0.1	1.0	0.5	0.3	0.2							2.4	12.8	19
14															0.0	12.8	00
15		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
16		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	12.9	91
17		0.8	1.0	1.0	1.0	0.9	0.6	0.6	0.2	0.1		0.3			6.5	12.9	50
18		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		11.0	13.0	85
19															0.0	13.0	00
20						0.1					0.1				0.2	13.0	02
21								0.4	0.9	0.1	0.1				1.5	13.1	11
22				0.2	0.3	0.2		0.1	0.5	1.0	0.2	0.5	1.0	0.1	4.1	13.1	31
23		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.4	11.5	13.1	88
24						0.4	0.9	1.0	0.7	0.5					3.5	13.2	26
25		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.2	89
26		0.8	1.0	1.0	1.0	0.9	1.0	0.4	0.4	0.6	1.0	0.7	0.5		9.3	13.2	70
27				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.2	9.2	13.3	69
28		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.3	89
29		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.3	89
30		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.5	13.4	86
31		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.9	13.4	89
Medias		0.4	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.0	6.9	12.9	53

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h
1	16.5	19.4	18.6	15.7	17.6	17.7	14.6	15.1	15.8	15.0	15.2	15.3	16.9	16.9	17.1
2	15.1	17.1	15.4	15.1	15.9	15.3	15.7	14.4	14.4	15.4	15.1	15.0	17.3	17.2	17.0
3	13.9	16.0	14.2	13.7	14.8	14.5	13.4	13.4	13.7	14.3	14.1	14.1	16.7	16.5	16.2
4	14.0	16.5	15.8	13.8	15.0	11.0	13.3	13.5	14.9	14.0	14.0	14.2	16.4	16.3	16.3
5	13.0	18.1	16.2	13.1	15.5	15.3	13.0	13.4	14.1	13.9	13.8	14.1	16.3	16.1	16.1
6	14.7	16.0	15.4	14.3	14.7	14.7	13.4	13.6	13.6	14.2	14.1	14.2	16.5	16.3	16.3
7	13.5	14.7	14.6	13.3	13.8	13.9	13.0	12.8	12.9	13.9	13.5	13.5	16.1	16.0	15.8
8	13.3	16.0	15.4	13.0	14.2	14.5	12.4	12.6	13.2	13.2	13.1	13.4	16.7	15.6	15.6
9	14.4	16.0	16.2	13.8	15.0	15.3	13.0	13.2	13.7	13.5	13.5	13.8	15.7	15.7	15.8
10	14.9	18.8	16.9	14.2	16.2	16.1	13.3	13.6	14.4	13.9	13.9	14.4	15.9	16.0	16.1
11	15.4	20.2	18.2	14.9	17.3	17.1	14.0	14.6	15.4	14.6	14.6	15.2	16.5	16.5	16.7
12	15.9	19.0	18.2	15.4	17.0	17.3	14.6	15.0	15.5	15.2	15.4	15.7	17.1	17.0	17.1
13	16.5	19.6	18.2	16.9	19.6	17.4	15.0	15.4	15.9	14.5	15.5	15.9	17.3	17.3	17.4
14	17.1	17.2	16.8	16.3	16.4	16.2	15.3	15.2	15.2	15.6	15.6	15.4	17.5	17.4	17.3
15	14.2	18.8	16.5	14.3	16.6	16.0	14.0	14.4	14.8	14.9	14.7	15.0	17.1	16.9	16.8
16	14.2	19.4	17.6	13.9	16.9	16.7	13.8	14.3	15.0	14.8	14.6	15.0	17.0	16.9	16.9
17	15.8	18.8	17.7	15.0	16.7	16.7	14.4	14.7	15.2	15.1	15.0	15.2	17.2	17.1	17.1
18	16.8	20.6	18.6	16.1	18.2	17.2	15.0	15.4	16.2	15.4	15.5	16.0	17.3	17.4	17.5
19	18.1	18.2	18.2	17.2	17.4	17.4	16.1	16.0	16.0	16.2	16.2	16.2	17.9	18.0	17.9
20	18.0	18.8	18.9	17.1	17.6	17.8	15.9	16.0	16.4	16.2	16.2	16.4	17.9	17.9	17.9
21	17.6	19.6	18.9	16.9	17.8	18.0	15.8	16.0	16.5	16.4	16.2	16.4	18.0	18.0	18.0
22	18.0	20.3	19.6	17.2	18.5	18.6	16.2	16.4	17.0	16.4	16.4	16.8	18.2	18.2	18.3
23	17.2	23.4	21.3	16.7	20.9	20.4	16.1	17.0	18.2	16.6	16.7	17.4	18.4	18.4	18.6
24	17.2	19.8	18.0	17.0	18.4	17.7	16.8	16.6	16.8	17.4	17.0	17.0	19.0	18.9	18.7
25	14.4	21.0	17.9	14.5	18.6	17.6	15.2	15.6	16.5	16.3	16.1	16.4	18.6	18.4	18.2
26	14.6	19.4	18.1	14.7	17.3	17.2	15.0	15.3	15.8	16.1	15.8	16.0	18.4	18.2	18.1
27	16.4	21.5	17.6	15.7	19.3	17.7	15.0	15.8	16.6	15.8	15.9	16.4	18.1	18.0	18.1
28	14.0	19.4	16.9	14.2	17.6	16.7	14.6	14.9	15.6	15.8	15.4	15.8	18.1	17.9	17.8
29	14.0	20.7	18.2	13.8	18.4	17.7	14.2	14.9	16.0	15.4	15.2	15.9	17.8	17.7	17.7
30	15.4	20.8	19.1	15.0	18.5	18.1	15.0	15.4	16.4	15.9	15.7	16.2	18.0	18.1	18.0
31	15.7	21.8	18.9	15.5	19.6	18.3	15.4	16.0	17.0	16.2	16.2	16.7	18.2	18.2	18.3
Prom.	15.5	18.9	17.5	15.1	17.1	16.6	14.6	14.9	15.4	15.2	15.2	15.4	17.4	17.3	17.2

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	19.2	19.0	18.6	18.5	2	0.1	0.9	0.9	2.8	L.18	22.3	21.5	23.8	20.8		8872
2					1	1.0	1.2	0.6	2.3							8896
3					0	0.5	0.5	0.5	1.1							8894
4					0	0.1	0.6	0.4	1.2	L.19	19.1	18.9	21.6			8890
5					0	0.2	0.9	0.9	2.0							8902
6					0	0.2	0.4	0.3	1.2							8905
7	0.0	0.0	0.0	0.0	0	0.5	0.4	0.6	1.1							8907
8	0.0	0.0	0.0	0.0	0	0.1	0.4	0.5	1.0							8909
9					0	0.1	0.8	1.1	2.4	L.20	16.5	17.1	20.6			9001
10					0	0.5	1.0	0.9	2.2							8915
11					0	0.3	1.2	1.2	2.7							8919
12					0	0.3	0.7	0.7	1.8							8920
13					0	0.4	1.0	0.3	1.4							8924
14	0.0	0.0	0.0	0.0	0	0.1	0.1	0.2	0.4	L.21	11.3	13.1	18.3			8927
15	0.0	0.0	0.0	0.0	0	0.1	1.7	1.6	3.8							8932
16					0	0.5	1.8	1.4	3.6							8935
17					0	0.4	1.5	0.9	3.2							8939
18					0	0.8	1.2	1.2	3.6							8941
19	4.8	5.1	4.2	4.1	2	1.2	0.2	0.1	0.4							8946
20	2.3	2.1	1.9	1.8	1	0.1	0.3	0.4	0.7	L.22	17.9	15.8	17.1	20.3	15.7	8948
21	0.4	0.7	0.0	0.0	1	0.0	0.5	0.5	1.3							8951
22	0.0	0.0	0.0	0.0	1	0.3	0.6	0.6	1.4							8953
23					0	0.2	1.3	1.2	3.3							8956
24	8.2	8.6	8.1	7.9	2	0.8	0.8	0.6	1.8							8964
25	0.0	0.0	0.0	0.0	1	0.4	1.3	1.0	2.8	L.23	16.0	13.7	18.7			8963
26					0	0.5	1.9	1.6	4.5							8968
27	7.6	8.0	7.1	6.8	0	1.0	1.8	1.4	3.9							8968
28					0	0.7	1.8	1.5	3.6							8972
29					0	0.3	1.8	1.3	4.0	L.24	8.5	9.1	13.1			8978
30					0	0.9	3.8	3.0	8.1							8983
31					0	1.3	1.7	1.2	3.1							8985
Prom.	42.5	43.5	39.9	39.1	-	0.4	1.1	0.9	2.4	-	-	-	-	-	-	8938

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
16.4	16.4	16.3	15.6	15.6	15.6	15.5	16.5	13.2	Cn. m. y n., Ca. t., r. n.
16.7	16.7	16.5	15.6	15.7	15.6	15.5	16.5	2.2	Cn. m. t. y n., r. m.
16.4	16.3	16.2	15.6	15.7	15.7	15.6	16.6	1.5	Cn. m. t. y n., r. m. y n.
16.0	16.0	15.9	15.6	15.7	15.6	15.6	16.6	1.9	Cn. m. y t., Ca. n., r. m. y n.
15.9	15.8	15.7	15.5	15.7	15.7	15.7	16.6	-1.0	Cn. t., Ca. m. y n., B. m., r. n.
16.0	16.0	15.9	15.6	15.6	15.6	15.5	16.6	2.9	Cn. m. t. y n., r. m. y n., Ne. m., Z. m.
15.8	15.7	15.4	15.5	15.5	15.4	15.7	16.6	2.3	Cn. m. y t., Ca. n., r. m. y t., Z. m. y t.
15.4	15.3	15.2	15.4	15.5	15.4	15.8	16.5	1.0	Cn. m. t. y n., N. m., Ne. t., r. m. y n.
15.3	15.3	15.3	15.4	15.4	15.4	15.7	16.5	6.7	Ca. t. y n., N. m., r. n.
15.6	15.6	15.6	15.4	15.5	15.4	15.8	16.6	4.5	Ca. m. t. y n., r. m. y n.
16.0	16.2	16.2	15.4	15.5	15.4	16.0	16.6	5.3	Ca. m. y n., Cn. t., r. m. y n.
16.5	16.6	16.3	15.4	15.5	15.5	16.0	16.6	5.9	Ca. m. y n., Cn. t., r. m. y n., Js. t.
16.8	16.8	16.8	15.5	15.6	15.6	16.0	16.5	7.5	Cn. m. y t., Ca. n., r. m. y n., Ne. m., LL.t, B.t.
16.8	16.8	16.6	15.7	15.7	15.7	16.0	16.5	7.5	Cn. t. y n., N. m., Z. t., Ne. m. y t.
16.5	16.5	16.4	15.7	15.9	15.8	16.0	16.6	1.2	Ca. m. t. y n., r. m. y n., B. t.
16.5	16.5	16.4	15.7	15.8	15.8	16.0	16.5	1.0	Ca. m. t. y n., r. m. y n.
16.7	16.7	16.7	15.8	15.9	15.9	16.1	16.5	1.2	Cn. m. t. y n., r. m.
16.9	16.9	17.0	15.8	15.9	15.8	16.1	16.5	10.3	Cn. m. y t., Ca. n.
17.4	17.5	17.4	16.0	16.0	16.0	16.2	16.6	4.6	Cn. m. t. y n., Z. m., Ne. n.
17.4	17.4	17.4	16.1	16.1	16.1	16.1	16.5	11.2	Cn. m. y t., Ca. n.
17.4	17.4	17.3	16.2	16.2	16.2	16.1	16.5	9.5	Cn. m. y t., Ca. n., r. n.
17.5	17.6	17.5	16.2	16.3	16.3	16.1	16.5	9.6	Cn. m., Ca. t. y n., Z. m., LL.(Interm.)t., r. n.
17.6	17.7	17.7	16.4	16.4	16.4	16.2	16.6	10.0	Ca. m. y n., Cn. t., r. m. y n., Js. m.
18.2	18.2	18.1	16.5	16.5	16.6	16.2	16.5	9.0	Cn. m. t. y n., r. n., CH. t.
18.2	18.1	17.8	16.6	16.7	16.7	16.3	16.6	-2.5	Ca. m. t. y n., r. m.
18.0	18.0	17.7	17.4	17.8	17.8	16.2	16.5	-1.1	Cn. m. t. y n., r. m.
17.8	17.9	17.8	17.8	17.8	17.8	16.3	16.6	9.2	Cn. m., Ca. t. y n.
17.9	17.9	17.7	17.7	16.8	16.8	16.3	16.6	-0.5	Ca. m. y n., Cn. t., r. n.
17.6	17.7	17.6	16.7	16.9	16.9	16.5	16.7	-1.0	Ca. m. t. y n., r. m. y n.
17.8	17.9	17.9	16.8	16.9	16.9	16.5	16.7	3.0	Ca. m. y t., Cn. n.
18.0	18.2	18.0	16.8	16.9	16.9	16.5	16.7	1.7	Ca. m. t. y n., r. m. y n.
16.9	16.9	16.8	16.0	16.1	16.1	16.0	16.6	4.4	

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	63.6	69.5	2	10	52.8	1,4	4,24	11.8	16.6	6.7	22.5	1	14	2.5	5	6-7	5.3	12.5	42
2ª	61.6	65.3	11	0	58.4	20	24	15.8	20.7	10.2	23.6	18	15	4.2	15	6	6.2	12.9	49
3ª	60.7	67.7	29	7,8	51.3	27	10	13.9	20.6	6.8	26.0	23	15-16	1.1	29	5	8.9	13.2	67
MES	61.9	69.5	2	10	51.3	27	10	13.8	19.3	7.9	26.0	23	15-16	1.1	29	5	6.9	12.9	53

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	81	100	1,4,5,9	48	1,5	8.1	12.5	4.8	SE	8	24	1,2,7	20	7	8-9	33	SE	1	20.20	19.0	19.0	1	4.5	1	11-12
2ª	80	100	12,14,15	37	16	10.4	14.0	3.8	NE	10	24	18, 19	22	19	0-2	25	NE	18 19	23.48 0.57	7.2	5.1	19	5.0	19	6-7
3ª	71	100	22,25,29	24	29	8.2	13.5	4.2	NE	17	48	27	34	30	8-9	50	S	27	14.54	17.3	8.6	24	5.0	24	1-2
MES	77	100	-	24	29	8.9	14.0	3.8	NE	9	48	27	34	30	8-9	50	S	27	14.54	43.5	19.0	1	5.0	19, 24	6-7 1-2

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	-	1	2	2	-	-	-	1	2	-	-	-	-	-	-	-	-
2ª	-	2	3	1	-	-	-	2	2	-	-	-	-	-	-	-	-
3ª	-	-	-	-	-	-	-	3	2	-	1	-	-	-	-	-	-
MES	-	3	5	3	-	-	-	6	6	-	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	9	-	-	-	-	-	-	1	-	-	-	9	1	-	-	-
2ª	5	-	-	-	-	-	-	1	-	-	-	8	2	-	-	-
3ª	8	-	-	-	-	-	-	1	-	-	-	11	-	-	1	-
MES	22	-	-	-	-	-	-	3	-	-	-	28	3	-	1	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV NOVIEMBRE 1949 Nº. 11

RESUMEN MENSUAL

Con el aire de origen polar, llegado los últimos días del mes anterior, prosigue el tiempo bueno, fresco y seco también en los primeros días de éste. Ya el 1° se registra la mínima mensual de la tensión del vapor con 4.8 mm. Sin embargo se hace notar un constante aumento de la temperatura, ocasionado por la fuerte irradiación solar, y por la llegada de aire cada vez más caliente del sector Norte. Esta evolución hacia condiciones estivales es interrumpida por un frente frío que el día 5 pasa por el Observatorio. En una masa de aire polar marítimo sube la presión el 6 hasta 767.2 mm, valor máximo mensual, y la temperatura alcanza en la madrugada de este mismo día su mínimo con 2.3°C, siendo ésta en general unos 5.0°C inferior a la normal. Hasta el fin de la década se restablecen las condiciones primaverales.

Con nubosidad variable y llegada de aire caliente aumenta el estado térmico e higrométrico en tal forma que el 13 y 14 reina un tiempo caluroso y húmedo. En este último día registran la temperatura y la humedad absoluta sus valores máximos mensuales con 33.8°C y 18.5 mm respectivamente. Al mismo tiempo desciende la presión atmosférica al nivel más bajo del mes con 746.7 mm. En una zona frontal entre este aire del trópico y otro polar que avanza desde el Sud se producen el 15 y 16 intensas lluvias. En estos dos días caen 56 mm, vale decir, casi la totalidad de la precipitación mensual. Ya el 16 por la tarde se restablece el buen tiempo que se mantiene hasta el fin de la década sin mayores cambios.

El 21 atraviesa un débil frente frío el Observatorio, lo que interrumpe el buen tiempo durante 2 días por su considerable nubosidad. El tiempo bueno y el aumento de la temperatura que caracteriza los días a partir del 23, es nuevamente interrumpido por un avance de aire fresco que al pasar por el Observatorio el 26, produce ligeras lluvias. Hasta el fin del mes el tiempo se caracteriza por su nubosidad variable y temperaturas que no difieren mayormente de su término medio. El pasaje de un nuevo frente frío el 29 con poca lluvia no afecta este estado general del tiempo.

Los promedios mensuales de los elementos principales muestran una desviación positiva de la temperatura en 1.5°C. La humedad y la presión atmosférica son levemente inferiores a su término medio, lo que muestra que la temperatura relativamente alta de este mes no es producida por la llegada de aire caliente sino más bien por la fuerte irradiación imperante.

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	38	54	130	199	105	98	89	71	85	101	66	28	32	7	7
2	89	96	94	73	36	80	71	60	50	71	66	144	146	181	155
3	58	82	128	149	123	133	89	85	114	110	89	80	126	98	139
4	-	-	-	22	30	28	44	32	28	34	30	26	24	- 5	38
5	-77	-46	16	22	26	26	18	-20	-33	-23	-56	-41	-25	-65	-35
6	58	60	50	50	52	-	-	62	-	13	10	21	21	18	-12
7	69	60	60	62	52	48	54	34	50	78	75	75	82	71	75
8	32	28	18	28	44	46	58	32	52	54	38	46	54	52	42
9	110	107	75	89	105	58	85	80	98	94	30	-18	9	48	94
10	50	46	38	38	36	30	22	-14	-41	-89	-118	-93	-27	2	18
11	44	52	44	42	38	26	32	56	14	5	- 4	-	-	-	-
12	44	44	44	48	64	103	149	153	69	139	94	91	52	46	26
13	-	-	-	-	-	-	-	-	26	24	14	-27	-22	- 9	22
14	48	52	46	36	38	46	34	42	30	42	46	46	66	71	69
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	149	158	112	98	85	75
17	-	-	-	-	-	-	85	96	71	98	105	94	94	89	110
18	-	30	32	-	18	62	123	121	94	110	80	80	91	87	80
19	-	-	-	-	-	-	12	26	5	7	54	66	66	-	85
20	14	24	20	22	22	30	32	34	32	22	18	22	12	- 4	14
21	24	-	-	-	-	5	12	14	20	16	7	5	- 9	- 7	-22
22	38	38	38	46	42	44	34	28	36	50	64	85	89	98	69
23	-	-	-	-	-	-	-	66	50	46	42	28	42	18	46
24	-	-	-	-	-	26	66	52	32	48	78	73	80	66	73
25	85	42	48	42	44	64	58	54	46	62	54	30	46	50	50
26	30	28	34	30	30	38	9	-29	-	-	-	-	-	78	50
27	46	42	48	54	66	50	112	117	82	73	52	46	26	-10	28
28	75	66	71	62	62	87	71	50	58	103	75	42	58	75	±∞
29	38	34	±∞	24	30	38	69	52	38	46	42	30	34	-	9
30	75	75	66	58	66	56	103	117	101	52	22	28	22	14	32
31															
Prom.	67.2	69.2	70.2	82.0	81.0	71.2	71.5	57.8	78.5	84.0	58.0	45.8	67.8	67.2	87.5

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	2.03	1.72	3.75	1.17	0.75	0.70	1.45	1.07	0.26	0.17	0.43	1.53	0.68	0.64	1.32	1.06
2	2.67	3.78	6.45	0.70	2.30	2.25	4.55	1.03	0.32	0.32	0.64	1.00	0.24	0.23	0.47	1.04
3	8.87	6.77	15.64	1.30	7.94	7.68	15.62	1.04	1.06	0.88	1.94	1.20	0.98	1.06	2.04	0.92
4	8.44	9.29	17.73	0.92	6.84	8.52	15.36	0.80	0.99	1.16	2.15	0.85	0.95	0.88	1.83	1.08
5	6.12	6.68	12.80	0.93	7.61	9.56	17.17	0.81	0.74	0.79	1.53	0.94	0.56	1.17	1.73	0.48
6	4.31	4.31	8.62	1.00	6.49	7.74	14.23	0.83	0.50	0.57	1.07	0.88	0.71	0.82	1.53	0.87
7	9.09	10.16	19.25	0.89	9.80	9.90	19.70	0.99	1.14	1.22	2.36	0.93	1.25	1.25	2.50	1.00
8	6.90	7.81	14.71	0.88	8.39	9.88	18.27	0.85	0.86	0.88	1.74	0.98	1.10	1.14	2.24	0.97
9	2.99	2.64	5.63	1.14	6.70	6.96	13.66	0.97	0.41	0.36	0.77	1.14	0.81	0.94	1.75	0.86
10	7.67	8.21	15.88	0.94	6.44	7.76	14.20	0.82	1.08	1.17	2.25	0.92	0.95	1.12	2.07	0.85
11	-	-	-	-	-	-	-	-	2.18	0.59	2.77	3.70	0.15	0.24	0.39	0.62
12	5.80	5.41	11.21	1.07	9.74	10.29	20.03	0.93	0.79	0.60	1.39	1.32	1.37	1.37	2.74	1.00
13	8.63	10.59	19.22	0.81	10.80	10.49	21.29	1.03	1.07	1.25	2.32	0.86	1.59	1.46	3.05	1.09
14	8.05	7.85	15.90	1.03	2.68	4.51	7.19	0.59	1.21	1.01	2.22	1.20	0.41	0.45	0.86	0.91
15	-	-	-	-	-	-	-	-	0.09	0.13	0.22	0.69	1.00	0.98	1.98	1.02
16	8.29	9.83	18.12	0.8[illegible]	7.27	7.56	14.83	0.96	0.81	0.79	1.60	1.02	1.02	0.93	1.95	1.10
17	4.03	6.87	10.90	0.58	-	-	-	-	0.62	0.64	1.26	0.97	0.65	0.80	1.45	0.81
18	9.01	8.30	17.31	1.08	-	-	-	-	0.84	1.01	1.85	0.83	0.90	0.95	1.85	0.95
19	-	-	-	-	-	-	-	-	0.53	0.66	1.19	0.80	0.41	0.41	0.82	1.00
20	-	-	-	-	-	-	-	-	0.40	0.44	0.84	0.91	1.09	1.16	2.25	0.94
21	-	-	-	-	-	-	-	-	0.34	0.32	0.66	1.06	0.39	0.38	0.77	1.03
22	-	-	-	-	-	-	-	-	0.85	0.84	1.69	1.01	0.56	0.55	1.11	1.02
23	1.85	6.01	7.86	0.31	3.49	4.42	7.91	0.78	0.24	0.26	0.50	0.92	0.46	0.44	0.90	1.04
24	1.51	7.44	8.95	0.20	2.53	4.70	7.23	0.52	0.76	0.89	1.65	0.85	0.32	0.26	0.58	1.23
25	7.64	12.39	20.03	0.63	3.09	4.93	8.02	0.62	1.12	1.44	2.56	0.78	0.46	0.48	0.94	0.96
26	7.06	11.39	18.45	0.62	9.88	13.64	23.52	0.72	1.48	1.19	2.67	1.24	1.20	1.34	2.54	0.90
27	4.60	6.75	1.35	0.68	2.82	4.96	7.78	0.56	0.67	0.67	1.34	1.00	0.41	0.50	0.91	0.82
28	4.16	8.98	13.14	0.46	4.35	8.74	13.09	0.50	0.82	0.90	1.72	0.91	0.59	0.72	1.31	0.82
29	4.02	7.67	11.69	0.52	5.68	8.95	14.63	0.64	0.62	0.70	1.32	0.89	1.01	1.18	2.19	0.86
30	4.68	6.80	11.48	0.69	6.92	8.54	15.46	0.81	0.42	0.88	1.30	0.48	1.12	1.27	2.39	0.88
31																
Prom.	5.77	7.40	13.17	0.81	6.02	7.39	13.42	0.81	0.77	0.76	1.53	1.06	0.78	0.84	1.62	0.94

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
38	40	34	54	30	24	20	40	87		∞	-52	-	2
155	162	204	87	117	-	-	63	66		∞	-10	-	2*
149	139	162	87	22	24	71	42	46	97.7	270	14	256	0
- 5	-20	9	22	28	38	42	-14	-32		82	-16	98	2*
24	-23	-10	26	42	46	52	54	-		270	-∞	-	2*
-34	-35	7	34	54	58	56	28	32		112	-117	229	2*
56	34	12	-39	46	42	52	62	56	52.8	144	-187	331	1
34	5	30	50	75	130	126	112	103	53.7	254	-32	586	1
69	87	96	89	94	46	26	26	44	68.4	197	-110	307	1
- 7	14	16	30	24	22	26	26	26		73	-∞	-	2
-	-	-	-	-	14	64	71	30		∞	-∞	-	3*
14	5	20	52	107	47	26	34	32		233	-33	266	2
7	14	36	-	-	-	30	38	34		126	-∞	-	3*
62	18	-124	-	-	-	-	-	-		∞	-∞	-	3*
151	34	36	-	-	-	-	-	-		∞	-∞	-	3*
71	64	56	46	-	-	-	-	-		∞	-∞	-	3*
78	107	121	112	-	9	14	26	12		219	-10	229	2*
44	58	46	46	87	98	36	12	-		206	-54	260	1*
91	117	101	119	-	22	26	18	22		176	-22	198	2*
18	58	58	62	-	12	24	28	22		144	-46	190	2*
-65	-14	12	22	50	58	20	38	40		101	-199	300	2*
66	30	54	-	-	-	-	-	-		∞	-∞	-	3*
44	46	87	-	-	-	-	-	-		162	-23	185	2*
87	71	69	22	42	42	48	54	71		149	- 7	156	1*
38	30	42	66	66	42	66	42	42		126	-30	156	2
50	48	40	36	34	42	46	44	52		139	-50	189	3*
30	30	52	89	91	62	85	75	78		174	-134	308	2
±∞	46	71	62	66	75	66	66	69		∞	-∞	-	3*
- 9	30	30	36	50	38	50	62	85		∞	-∞	-	3*
12	7	5	28	34	28	40	60	±∞		∞	-49	-	3*
77.0	66.2	75.0	46.8	59.2	60.5	68.8	60.5	62.2	68.1				

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^-
60	40	38	0.57	1.67	-	-	-	-	-	-
60	128	201	2.73	3.15	306	339	645	0.90	1.32	-
78	56	162	3.62	11.02	1020	735	1755	1.39	0.18	0.27
26	26	5	1.86	0.30	1148	989	2137	1.16	1.63	1.25
-44	-89	- 9	-4.54	-0.52	570	735	1305	0.78	-	0.27
28	52	7	1.85	0.36	429	853	1282	0.50	-	1.08
78	75	18	5.90	1.50	1020	1037	2057	0.98	0.54	-
34	42	48	2.44	3.58	855	1020	1875	0.84	2.07	-
9	12	89	0.31	5.19	454	366	820	1.24	-	0.57
-85	-134	22	-10.05	1.52	855	855	1710	1.00	2.30	-
- 9	-	-	-	-	681	584	1265	1.17	0.27	0.18
96	101	12	4.68	1.10	429	509	938	0.84	0.93	0.70
5	- 9	20	-0.70	2.03	907	796	1703	1.14	0.19	0.25
30	40	-83	2.96	-2.38	553	1079	1632	0.51	1.79	2.27
-	-	34	-	2.24	283	983	1266	0.29	-	2.01
146	117	56	0.62	3.64	1178	907	2085	1.30	1.20	-
107	103	160	4.33	7.73	457	490	947	0.93	-	0.40
80	80	42	4.93	2.59	675	854	1528	0.79	0.59	0.43
50	62	101	2.46	2.76	394	796	1190	0.50	-	0.49
22	22	62	0.62	4.65	492	513	1005	0.96	0.81	0.75
5	5	7	0.11	0.18	341	670	1011	0.51	0.55	0.29
64	87	58	4.90	2.15	614	853	1467	0.72	0.32	0.86
40	16	85	0.27	2.55	339	490	829	0.69	1.07	1.21
75	75	71	4.12	1.37	245	737	982	0.33	-	0.49
42	22	64	1.88	2.00	570	306	876	1.86	0.32	-
-	-	48	-	4.06	731	1136	1867	0.64	2.14	1.12
62	42	46	1.88	1.40	398	735	1133	0.54	0.90	0.55
52	46	78	2.64	3.41	551	685	1236	0.80	1.46	0.02
42	26	28	1.14	2.04	740	796	1536	0.93	0.24	0.25
26	34	- 7	1.47	0.56	735	1075	1810	0.68	1.34	1.13
42	40	50	1.54	2.48	620	756	1376	0.86	1.01	0.75

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	64.4	64.3	64.2	64.4	64.7	64.8	64.9	64.8	64.7	64.5	63.8	63.6	63.3	62.8	62.6
2	62.3	62.1	62.1	62.0	62.2	62.4	62.6	62.6	62.4	62.2	62.1	61.8	61.3	60.8	60.2
3	60.5	60.3	60.2	60.2	60.4	60.6	60.6	60.6	60.5	60.0	59.4	59.0	58.5	57.8	57.3
4	56.1	54.7	55.2	55.1	54.9	54.8	54.6	54.6	54.6	54.2	53.7	53.2	52.7	52.2	51.6
5	54.3	55.8	56.1	56.5	57.2	58.0	58.4	59.3	59.6	60.0	60.2	60.7	60.9	61.2	61.1
6	65.0	65.0	65.1	65.8	66.2	66.7	67.2	67.2	66.9	66.7	66.5	66.1	65.7	64.8	64.6
7	65.9	65.7	65.5	65.1	65.4	65.2	65.4	65.4	65.2	65.1	64.8	64.2	63.7	63.2	62.9
8	61.1	61.0	60.8	60.8	61.0	61.0	61.2	61.4	61.4	61.2	61.4	60.9	60.8	60.5	60.1
9	62.4	62.0	61.5	62.0	62.5	62.8	63.1	63.0	63.0	62.9	62.4	62.1	61.9	61.2	60.5
10	58.0	57.5	57.0	57.1	57.4	57.4	57.6	57.4	56.7	56.2	55.9	55.5	54.9	54.2	53.7
11	53.7	53.6	53.8	53.9	54.0	54.7	54.7	54.6	53.8	53.6	53.5	55.0	55.0	55.8	55.3
12	56.1	56.3	56.7	56.8	57.1	57.0	57.2	57.5	57.2	57.1	57.2	56.8	56.7	56.4	55.9
13	56.6	56.4	56.5	56.6	56.9	57.1	57.3	57.4	57.2	57.0	56.7	56.2	55.4	54.6	54.0
14	50.9	51.1	50.7	50.4	50.2	51.3	52.3	52.2	51.6	51.3	50.4	50.0	50.0	49.3	48.3
15	51.8	52.7	51.1	51.9	51.5	52.1	52.6	51.6	51.9	52.6	53.3	52.8	51.7	49.8	50.7
16	53.0	51.9	52.5	52.7	53.7	54.5	54.4	54.7	54.6	54.7	54.5	54.4	54.2	54.0	53.7
17	53.9	53.6	53.6	53.6	53.8	53.9	54.1	54.2	54.2	53.9	53.6	53.5	53.0	52.4	52.5
18	54.1	54.0	54.1	54.5	54.7	55.3	55.4	55.4	55.5	55.9	55.8	55.6	55.2	55.2	55.1
19	59.0	59.3	59.1	59.2	59.4	59.8	59.8	60.5	60.2	60.0	60.0	59.9	59.6	59.1	58.3
20	57.9	57.9	57.8	57.6	57.9	57.9	58.0	57.9	57.2	57.2	57.1	57.0	56.7	56.3	55.8
21	58.0	57.7	57.9	58.1	58.9	59.2	59.8	60.0	60.1	60.3	60.2	60.1	60.2	60.2	60.2
22	60.8	60.5	60.0	59.7	59.6	59.7	59.6	60.2	59.8	59.9	59.6	59.0	59.0	58.5	58.2
23	58.7	58.3	58.2	58.2	58.3	58.5	58.8	58.4	58.3	58.3	58.2	58.0	57.8	57.6	57.5
24	56.6	56.5	56.7	56.9	57.2	57.3	57.2	57.3	56.8	56.8	56.6	56.3	55.9	55.5	55.0
25	55.3	55.2	55.1	55.2	55.1	55.4	55.9	55.9	55.9	55.8	55.2	55.0	54.5	53.8	53.4
26	52.2	52.0	51.3	51.2	51.2	51.3	51.3	51.3	51.0	52.4	52.6	53.9	53.0	52.8	52.8
27	58.4	58.6	58.8	59.2	59.9	60.3	61.0	61.5	61.4	61.4	61.7	61.4	60.9	60.8	60.8
28	61.0	60.9	60.7	60.8	60.9	60.8	60.6	60.4	60.3	59.9	59.6	58.9	57.9	58.0	57.7
29	55.4	55.1	55.2	55.0	55.0	55.9	56.2	56.2	56.0	55.9	55.3	55.2	54.9	54.4	54.1
30	56.3	56.3	56.4	56.5	56.5	56.8	56.9	57.0	56.8	56.2	55.7	55.0	54.4	53.7	52.9
31															
Prom	57.7	57.5	57.5	57.6	57.8	58.1	58.3	58.4	58.2	58.1	57.9	57.7	57.3	56.9	56.6

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	6.8	5.2	4.6	4.2	3.8	5.3	10.1	12.8	15.1	17.0	18.3	18.9	19.4	19.5	18.9
2	5.8	4.7	4.3	3.6	3.2	4.6	13.0	15.8	18.3	18.9	19.9	20.6	21.2	22.0	22.4
3	12.6	11.6	10.6	9.4	9.0	9.3	16.9	19.6	21.3	22.7	23.8	24.2	24.8	25.6	24.6
4	13.2	15.8	15.5	14.0	12.9	13.4	18.3	21.6	23.2	25.5	27.6	29.1	30.2	30.8	30.6
5	15.8	13.9	11.7	10.5	9.6	9.6	11.6	14.2	15.4	17.0	17.7	18.6	19.1	19.8	19.4
6	7.3	6.0	4.8	3.9	2.6	3.1	7.9	11.4	12.9	14.8	16.2	17.1	18.5	19.4	19.1
7	7.8	6.3	4.3	5.1	5.6	8.1	10.2	12.8	13.9	14.6	15.1	15.7	17.4	17.8	17.4
8	13.9	13.6	12.9	10.8	9.5	10.5	15.7	17.8	19.8	22.1	23.6	23.9	24.8	25.1	25.4
9	11.5	11.0	11.8	11.8	10.3	9.8	14.5	21.1	24.2	25.7	26.6	27.2	27.6	27.9	27.8
10	16.7	16.1	14.8	13.8	13.4	14.4	17.9	21.5	23.7	26.0	27.7	29.1	30.2	31.1	31.0
11	18.9	18.6	17.9	17.0	16.0	16.4	19.5	22.9	27.1	29.4	29.0	18.7	18.8	19.0	19.5
12	13.9	13.5	12.8	11.7	10.6	11.7	17.3	20.2	21.6	23.6	24.6	26.6	28.0	29.2	29.2
13	17.4	17.3	16.6	15.5	15.4	16.0	18.5	21.7	24.1	25.9	27.8	29.2	29.6	30.5	30.6
14	24.0	24.1	23.5	22.8	22.4	22.4	22.7	27.2	28.0	28.3	27.4	28.9	30.5	32.1	33.6
15	19.1	19.5	19.5	19.6	19.8	19.9	20.0	20.0	20.0	20.3	20.0	20.1	20.8	20.9	22.4
16	16.2	15.5	15.2	15.4	13.9	13.3	13.3	14.4	14.9	17.6	20.2	21.2	21.9	22.3	22.9
17	14.4	13.7	13.2	13.2	12.9	14.3	16.6	20.3	22.9	24.5	25.8	26.7	27.3	27.5	27.3
18	16.1	15.5	15.0	14.4	14.5	17.0	19.5	22.3	24.6	25.6	26.6	27.5	28.1	28.5	28.5
19	16.7	16.4	16.3	16.0	15.9	16.2	17.0	20.6	23.1	25.8	26.7	26.9	27.1	27.7	28.1
20	19.5	18.9	17.9	17.3	16.3	17.4	19.5	21.5	23.0	24.5	25.4	26.7	28.0	27.9	27.9
21	17.1	17.0	16.9	17.0	17.0	17.5	17.6	21.2	24.7	25.6	26.0	26.0	25.6	24.4	23.5
22	16.4	16.3	16.6	15.3	15.3	15.6	16.6	18.0	18.4	19.8	21.3	22.5	22.6	22.7	22.0
23	17.0	16.9	17.0	17.0	17.0	17.1	18.3	20.9	22.3	24.3	24.7	25.2	25.6	25.7	25.6
24	18.1	17.2	16.4	15.9	15.5	16.6	19.8	22.2	23.3	25.1	25.2	26.4	27.4	27.6	27.6
25	19.2	19.5	19.3	19.0	18.7	19.2	21.4	24.2	25.9	26.9	27.9	28.8	29.2	29.6	29.1
26	22.8	22.2	22.1	22.1	21.9	22.0	23.6	25.0	25.3	24.1	22.1	20.4	19.7	22.3	23.3
27	12.5	12.0	11.2	10.3	9.4	11.2	16.6	20.3	22.0	23.5	24.5	25.1	25.1	24.6	23.7
28	16.1	15.4	15.0	13.7	13.3	14.6	17.3	19.7	20.1	20.5	21.8	24.2	24.1	24.0	22.4
29	15.8	15.8	15.9	15.6	15.4	15.5	17.4	20.5	21.6	23.7	25.5	27.1	27.5	28.0	28.5
30	14.3	13.2	12.2	10.6	8.9	11.3	18.2	22.5	25.5	27.9	29.0	30.3	30.9	31.3	31.5
31															
Prom	15.2	14.8	14.2	13.6	13.0	13.8	16.9	19.8	21.5	23.0	23.9	24.4	25.0	25.5	25.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
62.2	62.1	62.4	62.6	62.7	62.6	62.6	62.5	62.4	64.9	7	62.1	17	2.8	763.5 mm.	1018.0 mb.
60.0	60.1	60.4	60.4	60.7	61.1	61.0	61.0	60.9	62.6	7,8	60.0	16	2.6	61.4	1015.2
57.0	56.6	56.6	56.9	57.0	57.1	57.1	57.1	56.8	60.9	0	56.6	17,18	4.3	58.7	1011.6
51.1	50.9	51.2	51.6	51.9	52.1	52.5	53.2	53.6	56.8	0	50.9	17	5.9	53.3	1004.4
61.3	61.6	61.9	62.1	62.7	63.3	63.9	64.6	64.8	64.0	24	53.6	0	10.4	60.2	1013.6
64.7	64.9	65.1	65.5	66.1	66.3	66.3	66.3	66.1	67.2	8	64.6	15	2.6	65.9	1021.2
62.7	62.5	62.2	61.9	62.0	62.3	62.0	61.9	61.5	66.1	0	61.5	24	4.6	63.8	1018.4
59.7	59.7	59.9	60.3	60.8	61.2	61.6	62.1	62.5	62.5	24	59.7	16,17	2.8	60.9	1014.5
60.0	59.7	59.4	59.3	59.4	59.3	59.2	59.0	58.3	63.1	7	58.3	24	4.8	61.1	1014.8
53.1	53.0	53.0	53.3	53.5	53.8	53.9	53.8	53.8	58.3	0	53.0	17,18	5.3	55.3	1007.0
55.1	55.2	55.1	55.0	54.8	55.1	55.2	56.3	56.2	56.2	24	53.5	11	2.7	54.7	1006.2
55.7	55.8	55.9	56.2	56.5	56.5	56.7	56.7	56.6	57.5	8	55.7	16	1.8	56.6	1008.8
53.4	52.7	53.1	52.3	52.4	52.4	52.3	51.6	51.0	57.4	8	51.0	24	6.4	54.9	1006.5
47.2	47.4	47.4	49.1	48.5	48.8	53.6	53.8	52.7	54.0	23-24	46.2	16-17	7.8	50.4	1000.5
51.4	51.8	51.6	51.7	51.9	52.6	52.6	52.9	53.0	53.8	10-11	49.8	14	4.0	52.0	1002.6
53.6	53.5	53.8	54.0	54.2	54.6	54.6	54.6	54.2	54.7	8-10	51.9	2	2.8	53.9	1005.2
52.4	52.6	52.9	53.6	54.2	54.1	54.2	54.2	54.1	54.3	23-24	52.4	14,16	1.9	53.6	1004.8
55.2	55.3	55.6	56.0	56.7	57.5	57.5	58.4	58.9	58.9	24	54.0	2	4.9	55.7	1007.6
57.9	57.7	57.9	57.9	58.2	58.6	58.6	58.4	58.1	60.5	8	57.7	17	2.8	59.0	1012.0
55.5	55.5	55.8	55.8	56.4	57.0	57.6	57.9	57.9	58.1	0	55.5	16,17	2.6	57.1	1009.4
60.1	60.2	60.1	60.5	60.7	61.0	60.9	60.8	60.8	61.0	21	57.7	2	3.3	59.8	1013.0
58.0	58.1	58.3	59.4	59.7	59.9	58.5	58.6	58.4	60.8	0,1	58.0	16	2.8	59.3	1012.4
57.1	56.7	56.6	56.7	56.8	57.2	57.1	57.1	57.0	59.0	0-1	56.6	18	2.4	57.7	1010.2
54.9	54.5	54.6	55.0	55.4	56.3	56.3	56.1	55.7	57.5	7-8	54.5	17	3.0	56.1	1008.1
53.1	52.9	52.3	52.1	52.0	52.0	51.9	52.0	52.1	55.9	7,8,9	51.9	22	4.0	54.0	1005.3
52.9	53.4	53.5	54.5	55.4	56.5	57.3	57.8	57.9	57.9	24	51.0	9	6.9	53.3	1004.4
60.7	60.5	60.7	60.7	60.8	61.2	61.3	61.4	61.3	61.7	11	57.9	0	3.8	60.6	1014.1
56.3	56.0	54.9	54.9	54.6	54.7	55.2	55.8	55.8	61.3	0	54.6	20	6.7	58.2	1010.9
53.9	53.8	54.0	54.3	54.6	55.3	56.0	56.4	56.3	56.4	23	53.8	17	2.6	55.2	1006.9
52.1	51.9	51.8	51.6	51.6	51.7	51.7	51.7	51.3	57.0	8	51.3	24	5.7	54.3	1005.7
56.3	56.2	56.3	56.5	56.7	57.1	57.3	57.5	57.3	59.3		55.2		4.1	57.4	1009.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
18.6	17.6	15.9	14.0	12.6	11.0	10.2	8.8	6.8	19.5	14	3.8	5	15.7	12.3
22.0	20.9	18.5	16.1	14.3	14.0	13.7	13.5	13.1	22.4	15	3.2	5	19.2	14.4
24.0	24.4	21.9	19.0	18.0	17.0	15.6	14.0	12.7	25.9	14-15	8.0	5-6	17.9	18.0
30.9	30.2	28.4	25.8	22.2	20.4	19.9	19.5	17.7	31.4	14-15	12.3	5-6	19.1	22.4
18.4	17.4	16.1	14.4	12.6	11.2	10.5	9.8	8.4	19.9	14-15	8.4	24	11.5	14.3
18.0	16.7	14.7	12.8	11.6	11.2	10.7	10.3	9.4	19.4	14	2.3	5-6	17.1	11.7
17.0	16.2	15.2	14.2	13.8	13.8	13.7	13.9	13.9	17.8	14	4.3	3	13.5	12.7
25.2	24.4	22.1	20.2	17.0	15.0	8.8	8.1	8.2	25.6	15-16	8.1	23	17.5	17.4
27.5	26.2	23.8	20.7	19.3	18.6	17.7	17.2	17.4	27.9	14	8.2	0	19.7	19.9
30.5	29.7	27.8	24.8	23.4	21.5	20.0	19.6	19.5	31.2	14-15	13.3	5-6	17.9	22.7
19.5	19.4	19.0	18.2	17.4	16.5	15.2	15.0	14.6	29.4	10	14.6	24	14.8	19.3
28.8	27.2	25.3	22.2	19.6	19.2	18.5	18.3	17.9	29.2	14,15	10.1	5-6	19.1	20.5
30.2	29.7	28.4	27.2	26.7	26.3	25.3	25.0	24.4	30.6	15	15.4	5	15.2	24.1
33.8	29.6	26.5	24.5	23.3	20.6	19.2	18.8	18.9	33.8	16	18.8	23	15.0	25.6
22.4	22.0	21.7	20.9	20.0	19.9	19.6	19.6	19.0	22.4	15-16	10.0	24	12.4	20.3
22.4	22.3	21.7	19.1	17.1	15.8	15.0	14.8	14.6	23.1	15-16	13.3	6,7	9.8	17.5
26.8	26.2	24.1	21.2	19.5	18.3	17.8	18.2	17.0	27.7	14-15	12.9	5	14.8	20.4
27.8	27.1	25.5	24.2	21.4	19.8	19.0	18.7	17.5	28.5	14,15	14.3	4-5	14.2	21.9
27.9	26.6	24.9	23.3	21.8	21.3	20.7	20.3	19.7	28.1	15	15.8	5-6	12.3	22.0
27.8	26.4	24.1	21.9	20.1	18.6	18.1	17.8	17.6	28.2	13-14	16.3	5	11.9	21.8
22.5	20.6	19.3	18.1	17.2	16.4	16.6	16.7	16.8	26.8	12-13	16.0	21-22	10.8	20.0
22.1	21.8	21.1	20.3	18.8	18.1	17.1	17.2	17.1	22.7	14	15.3	4,5	7.4	18.9
25.5	25.4	24.3	21.3	19.9	18.9	18.7	18.6	18.3	25.7	14	16.9	2	8.8	21.1
27.3	26.7	25.2	23.3	21.8	21.2	20.4	20.0	19.5	27.6	14,15	15.1	5-6	12.5	22.1
28.7	27.8	26.5	24.6	23.5	22.9	22.9	23.1	23.1	29.6	14	18.7	5	10.9	24.2
23.4	22.7	22.0	20.5	19.0	17.5	17.0	14.4	14.0	26.6	9-10	14.0	24	12.6	21.2
22.9	22.2	21.1	19.7	18.9	18.9	18.4	17.6	16.6	25.9	12-13	9.4	5	16.5	18.7
22.2	21.7	21.3	21.0	19.7	19.0	18.2	16.2	15.9	24.2	12	13.3	5	10.9	19.1
28.1	27.6	26.4	23.5	20.0	17.4	17.4	17.4	16.2	28.5	15	15.4	5	13.1	21.2
31.3	30.8	29.6	25.3	22.8	22.4	21.1	21.1	20.4	31.8	14-15	8.9	5	22.9	22.6
25.1	24.2	22.8	20.7	19.1	18.1	17.2	16.8	16.2	26.4		11.9		14.5	19.6

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	7.2	6.4	6.2	6.0	5.8	6.4	7.6	8.3	8.5	6.8	6.6	6.8	7.2	7.0	5.2
2	6.6	6.2	6.0	5.6	5.6	6.2	9.5	10.4	11.0	11.0	9.5	7.6	7.0	6.7	6.6
3	10.5	9.5	9.0	8.5	8.0	8.5	13.5	10.7	10.5	9.5	9.0	10.5	9.5	10.7	11.0
4	11.0	12.0	11.5	10.0	10.0	10.5	11.0	11.8	11.0	11.5	10.0	9.5	8.5	8.5	9.0
5	11.5	9.5	8.0	7.8	7.4	6.8	7.2	6.8	5.6	6.8	7.2	7.6	7.0	7.8	7.8
6	7.0	6.4	6.2	5.8	5.2	5.4	6.0	6.0	5.8	5.2	5.8	5.4	6.0	5.2	6.2
7	7.2	7.0	6.0	6.4	6.6	7.0	7.6	7.7	7.8	7.6	7.8	8.0	8.5	9.0	8.5
8	7.4	7.2	7.4	7.8	7.8	8.0	9.0	9.2	8.0	8.0	8.0	7.2	7.6	7.9	7.8
9	9.0	9.0	10.0	10.0	9.0	8.5	9.5	10.2	10.5	9.0	9.5	10.0	9.0	8.2	7.6
10	9.5	9.5	9.5	9.5	9.0	10.0	10.0	11.2	10.5	10.5	11.5	12.5	13.5	14.4	14.0
11	11.5	11.5	11.5	12.5	11.5	10.5	11.0	12.4	12.5	11.5	12.5	14.5	15.5	14.1	14.5
12	11.5	11.0	10.5	10.0	9.0	10.0	11.0	10.7	11.0	12.5	13.0	11.0	7.8	6.7	6.8
13	10.5	10.5	10.0	10.5	10.5	9.5	9.0	9.9	10.5	10.5	10.5	6.8	7.0	7.9	7.4
14	12.5	12.5	13.5	13.5	14.5	13.5	12.5	14.8	14.5	15.0	14.0	15.5	17.0	17.3	18.0
15	15.0	14.5	15.5	15.5	15.5	16.0	16.0	16.4	16.0	15.5	16.0	16.0	16.0	16.0	15.5
16	12.5	11.5	12.5	12.5	11.5	11.0	11.0	11.5	11.0	10.5	10.0	10.5	10.0	10.8	9.5
17	11.0	10.5	10.0	10.0	10.0	10.5	10.0	11.8	12.0	12.0	10.5	9.5	8.5	9.7	8.5
18	10.5	10.0	9.5	10.0	9.5	9.5	10.5	11.3	12.0	11.5	11.0	11.5	10.5	11.3	12.0
19	13.0	13.5	13.0	13.0	13.0	13.0	14.0	15.4	15.0	11.5	11.0	11.0	11.0	11.5	10.5
20	12.0	11.5	11.0	12.0	12.0	12.0	12.0	13.0	13.0	14.0	13.5	12.0	11.5	14.8	13.0
21	13.0	14.0	13.5	14.0	14.0	14.5	14.5	15.6	16.5	16.5	16.5	15.5	15.0	13.4	12.0
22	10.5	11.0	12.0	10.5	10.5	10.5	10.5	11.7	11.0	11.5	12.5	12.5	12.5	12.0	12.0
23	14.0	13.5	14.0	14.0	14.0	14.0	14.5	14.7	14.5	14.0	13.0	12.5	11.5	11.4	9.0
24	13.5	13.5	12.5	13.0	12.5	13.5	14.0	15.0	13.0	13.5	12.5	9.5	10.0	11.7	13.0
25	15.0	15.5	15.0	15.0	14.5	14.5	15.5	16.5	16.5	16.5	16.0	14.0	14.0	13.6	14.0
26	16.0	16.0	17.0	16.0	17.0	16.0	16.5	16.2	16.0	17.0	15.0	14.5	14.5	14.8	14.0
27	10.5	10.0	9.5	9.0	8.5	9.5	10.5	13.4	9.0	9.0	8.5	7.8	11.0	10.4	10.0
28	9.0	9.0	9.0	10.0	10.0	10.5	11.0	10.3	9.0	9.0	8.0	8.5	7.2	9.0	8.5
29	11.5	11.5	12.0	12.0	12.0	12.0	12.5	14.6	13.5	13.5	12.5	11.0	10.0	9.9	9.5
30	10.5	10.5	9.5	9.0	8.0	9.0	10.5	11.3	9.0	7.8	6.8	5.6	6.0	6.3	6.0
31															
Prom.	11.0	10.8	10.7	10.6	10.4	10.6	11.3	12.0	11.5	11.3	10.9	10.5	10.3	10.6	10.2

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
5.2	4.8	5.6	8.0	8.3	8.0	7.6	7.8	7.2	8.3	8,20	4.8	17	3.5	6.8
7.4	10.5	9.5	9.0	8.9	10.0	11.0	11.0	10.5	11.0	8,9,21,22	5.6	5	5.4	8.5
10.5	10.5	12.0	12.5	12.1	12.5	12.0	11.0	10.0	12.5	19,21	8.0	5	4.5	10.5
9.0	10.5	9.0	10.5	12.6	12.5	10.5	12.0	12.0	12.6	20	8.5	13,14	4.1	10.6
7.6	7.8	7.8	7.6	7.8	7.6	7.2	7.4	7.2	12.0	0	5.6	9	6.4	7.6
7.2	7.4	7.8	7.8	7.9	7.6	7.4	7.2	7.2	7.9	20	5.2	10,14	2.7	6.5
9.0	7.2	9.0	9.5	8.6	8.5	8.5	7.8	7.4	9.5	19	6.0	3	3.5	7.8
7.8	8.5	9.0	10.0	9.8	9.5	6.0	7.0	7.4	10.0	19	6.0	22	4.0	8.0
10.0	9.5	10.0	11.0	12.2	12.0	13.0	11.0	10.0	13.0	22	7.4	0	5.6	9.9
13.5	13.0	11.5	12.0	12.0	12.5	12.5	12.0	11.0	14.4	14	9.0	5	5.4	11.5
15.5	15.5	15.5	15.0	14.0	13.5	12.5	12.0	12.0	15.5	13,16,17,18	11.0	0,7	4.5	13.0
9.5	7.4	6.6	10.5	11.3	13.5	12.0	11.0	11.0	13.5	21	6.6	18	6.9	10.2
8.5	10.0	10.5	11.5	11.3	10.5	11.0	11.0	12.0	12.0	24	6.8	12	5.2	9.9
18.5	16.0	13.5	13.0	14.7	14.5	14.5	14.0	15.0	18.5	16	12.0	0	6.5	14.7
15.5	16.0	15.5	16.0	16.4	15.5	15.5	15.5	15.0	16.4	8,20	14.5	2	1.9	15.7
9.5	9.5	11.0	12.5	12.9	11.5	11.5	11.0	11.0	15.0	0	9.5	15,16,17	5.5	11.1
8.5	9.5	10.5	11.5	12.5	12.0	10.0	9.5	9.5	12.0	9,10	8.5	13,15,16	3.5	10.3
11.5	11.0	11.5	11.5	12.6	14.0	14.0	14.5	13.5	14.5	23	9.5	0,3,5,6	5.0	11.4
11.5	11.0	11.0	12.0	13.7	12.5	14.0	14.5	14.0	15.4	8	10.5	15	4.9	12.6
11.5	12.0	11.5	13.0	14.6	13.5	14.0	14.0	13.5	14.8	14	11.0	3	3.8	12.7
11.5	9.5	8.5	8.5	8.9	9.0	10.0	10.0	11.0	16.5	9,10,11	8.5	18,19	8.0	12.7
12.0	13.0	12.5	12.5	12.4	12.5	13.5	13.5	13.0	13.5	23,24	10.5	1,4-7	3.0	11.9
7.8	6.6	8.5	12.5	13.4	13.0	13.0	13.0	13.5	14.7	8	6.6	17	8.1	12.5
14.0	13.5	15.0	16.5	16.3	15.5	15.5	16.0	15.5	16.5	19	9.5	12	7.0	13.7
12.5	11.5	12.0	13.0	14.4	16.0	16.0	14.0	15.0	16.5	8,9,10	11.5	17	5.0	14.6
13.0	12.5	13.0	13.0	12.6	11.5	11.5	11.0	11.5	17.0	3,5,10	11.0	23	6.0	14.4
9.5	9.5	9.5	10.5	11.4	10.5	9.5	9.0	9.5	13.4	8	7.8	12	5.6	9.8
10.5	11.0	11.5	12.5	10.0	9.0	10.5	11.0	11.0	12.5	19	7.2	13	5.3	9.8
9.0	9.0	7.0	9.0	9.6	10.0	9.0	10.0	10.5	14.6	8	7.0	18	7.6	10.9
6.0	5.8	5.4	10.0	11.2	9.5	8.5	7.8	7.6	11.3	8	5.4	18	5.9	8.2
10.4	10.3	10.4	11.4	11.8	11.6	11.4	11.2	11.2	13.5		8.4		5.1	10.9

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	Calma	0	Calma	1	Calma	1	W	2	SW	3	Calma	0	Calma	1	Calma	1	E	5	E	7	E	8	NE	8	NE	9	NE	13	NE	12
2	Calma	1	Calma	0	SE	3	Calma	1	Calma	0	Calma	1	E	2	NE	4	NE	6	NE	8	NE	7	NE	9	NE	9	NE	10	NE	7
3	NE	7	N	5	NE	3	NE	2	NE	4	NE	4	NE	7	NE	12	N	15	N	12	N	10	NE	12	NE	10	NE	12	NE	10
4	NE	3	NE	12	N	7	W	5	W	3	N	5	N	5	NW	11	NW	20	W	12	W	14	W	10	W	14	W	16	W	18
5	SE	15	SE	12	SE	14	SE	10	SE	10	SE	10	SE	16	SE	13	NE	15	SE	14	SE	14	SE	15	SE	12	SE	14	SE	14
6	SE	3	SE	5	SE	4	Calma	1	Calma	1	S	3	SE	4	SE	8	SE	10	SE	9	SE	9	SE	10	E	8	E	9	NE	9
7	NE	4	N	2	N	5	N	5	N	7	N	9	N	10	N	12	N	14	N	11	NW	15	N	11	N	13	N	12	NE	11
8	N	11	N	8	N	8	N	5	N	4	N	4	N	9	N	15	NW	11	NW	7	W	4	NW	6	W	5	N	4	NE	6
9	NE	2	NE	2	N	4	N	3	Calma	1	Calma	0	Calma	1	NW	3	E	4	E	3	N	6	NE	12	NE	14	NE	13	NE	11
10	N	12	N	14	N	13	N	11	N	11	N	13	N	19	NW	25	NW	33	NW	30	NW	27	NW	24	NW	20	NW	20	NW	18
11	NW	7	NW	6	W	5	SW	4	S	3	S	2	SE	2	NE	6	NE	10	NW	6	W	4	S	16	E	4	E	6	E	4
12	E	4	E	3	E	4	E	2	E	4	NE	5	N	8	NE	15	NE	15	NE	14	NE	7	NW	5	NW	6	W	3	SE	4
13	N	7	N	10	N	12	N	11	N	10	N	13	N	15	N	16	N	21	N	22	N	20	N	25	N	26	N	22	N	22
14	N	20	N	21	N	26	N	20	N	24	N	19	S	5	NE	4	NE	10	NE	12	NE	15	NE	12	NE	8	NE	8	NE	6
15	NE	3	NE	8	E	11	NE	14	NE	18	NE	14	E	8	E	8	NE	6	NE	6	NE	3	NE	4	E	5	E	4	E	2
16	SE	7	SE	12	SE	8	SE	8	SE	10	S	15	SE	13	SE	8	SE	9	SE	5	SE	8	SE	12	SE	13	SE	9	S	9
17	NW	7	NW	6	NW	8	NW	7	NW	7	NW	9	NW	4	NW	11	NW	15	NW	18	W	19	W	18	W	17	W	19	NW	18
18	NW	9	NW	9	NW	12	NW	7	NW	7	NW	9	NW	11	NW	11	NW	18	NW	11	NW	8	NW	9	NW	7	NW	8	NE	8
19	NE	6	NE	6	NE	6	NE	4	NE	5	NE	7	NE	4	NE	5	NE	7	E	5	NE	9	NE	10	NE	11	NE	11	NE	10
20	NE	6	NE	11	NE	9	NE	11	NE	8	NE	6	NE	9	NE	9	NE	6	NE	4	E	4	SE	6	SE	5	E	8	NE	10
21	SE	4	SE	5	SE	4	SE	4	SE	4	SE	6	SE	5	SE	5	SE	8	SE	10	SE	10	SE	12	E	14	E	16	E	14
22	E	12	E	11	NE	12	NE	15	NE	13	NE	15	NE	17	NE	17	NE	15	NE	12	E	9	E	10	E	8	E	8	E	6
23	E	7	E	5	NE	2	Calma	1	Calma	1	S	2	S	3	SE	2	E	3	E	6	E	6	NE	10	E	11	NE	13	E	12
24	NE	7	NE	5	NE	6	NE	3	NE	3	NE	3	NE	9	NE	12	NE	11	NE	11	NE	9	NE	9	NE	9	NE	9	NE	9
25	E	5	NE	7	NE	6	NE	7	NE	6	NE	9	NE	10	NE	11	N	10	N	9	NE	11	NE	12	NE	12	NE	12	NE	13
26	NE	13	NE	12	NE	12	NE	14	NE	14	NE	16	N	16	N	23	NW	22	SW	15	SW	16	W	12	W	7	W	9	SW	14
27	Calma	0	Calma	0	Calma	0	S	2	Calma	0	Calma	1	SE	4	SE	6	E	8	SE	8	E	8	SE	7	E	10	NE	17	NE	20
28	NE	13	NE	12	NE	10	NE	8	NE	8	NE	7	NE	12	NE	8	NE	17	NE	16	NE	18	NE	16	NE	16	NE	15	E	8
29	E	4	E	2	Calma	1	SE	2	E	2	Calma	1	Calma	0	NW	5	W	5	W	6	S	8	S	13	S	12	S	11	S	14
30	E	4	SE	2	Calma	0	Calma	1	Calma	1	SW	2	Calma	1	NW	6	W	13	W	12	W	13	W	13	W	12	W	15	W	15
31																														
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		NE		NE		N		NE		NE		NE		NE		NE		NE		NE		NE	
NÚMERO DE HORAS	9		8		8		8		8		9		7		10		9		8		7		10		9		11		15	
PROM. HOR. DE LA VELOCIDAD		7		7		7		6		6		7		8		10		12		11		11		12		11		12		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	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NE	11	NE	12	NE	10	NE	5	E	4	E	5	E	2	NE	4	E	3	NE	9	5	13	NE	15.30
NE	8	NE	9	NE	8	NE	5	NE	5	NE	6	NE	7	NE	5	NE	7	NE	17	5	10	NE	11.56
NE	14	NE	12	NE	10	NE	7	NE	7	NE	3	NE	2	Calma	1	E	3	NE	18	8	18	NW	10.24
W	14	W	14	W	10	W	8	W	4	W	4	S	4	SE	13	SE	14	W	14	10	26	W	14.15
SE	12	SE	5	SE	4	SE	7	SE	6	E	3	E	5	E	5	E	4	SE	20	10	30	SE	13.48
NE	11	NE	13	NE	11	NE	8	NE	6	NE	6	NE	8	NE	9	E	4	SE NE	9	7	13	NE	15.59
N	12	N	10	N	7	NE	3	NE	5	N	6	N	7	N	9	N	12	N	19	9	15	N	14.46
W	4	NW	5	N	7	NE	6	E	3	E	3	E	2	NE	3	N	3	N	11	6	13	N	0,22
NE	13	NE	13	NE	9	NE	8	NE	9	NE	10	NE	6	N	7	N	11	NE	13	7	13	NE	12.24
NW	18	NW	19	NW	16	NW	11	NW	12	NW	9	N	6	N	8	NW	8	NW	15	16	36	NW	10.32
E	4	E	3	SE	2	E	2	NE	2	Calma	1	Calma	1	SE	2	E	3	E	7	4	49	SW	11.08
E	4	NE	14	NE	10	NE	6	NE	5	NE	8	NE	7	N	8	N	10	NE	11	7	17	NE	7.40
N	20	N	22	NE	13	NE	15	NE	18	NE	18	N	16	N	23	N	21	N	20	17	30	NE	11.58
NE	10	NE	16	NE	16	NE	14	SE	10	SE	12	SE	15	E	10	NE	8	NE	13	13	24	NE	18.24
SE	3	S	3	SE	2	Calma	1	Calma	1	Calma	1	Calma	1	SE	4	SE	3	NE	7	6	22	S	10.14
S	8	S	7	S	2	Calma	0	Calma	1	N	2	N	4	NW	7	NW	6	SE	13	8	26	SE	5.48
NW	18	NW	15	NW	10	NW	4	NW	3	N	4	N	5	NW	11	NW	11	NW	18	11	23	NW	15.40
NE	10	NE	8	NE	8	NE	6	NE	6	E	4	NE	5	SE	5	SE	5	NW	14	8	15	NW	8.15
NE	9	E	9	E	9	E	6	E	6	E	7	NE	5	NE	7	NE	6	SE NE	9	7	13	NE	11.38
NE	10	NE	13	NE	10	NE	7	NE	3	SE	3	SE	4	SE	4	SE	5	NE	16	7	13	NE	15.25
E	16	E	14	E	14	E	14	E	14	E	10	E	10	E	12	E	14	SE E	12	10	27	E	17.56
E	5	E	7	SE	6	SE	6	SE	9	SE	4	SE	8	SE	7	SE	7	E	9	10	25	NE	7.16
E	12	E	11	NE	6	NE	7	NE	6	NE	5	NE	6	NE	6	NE	6	NE	10	6	19	NE	13.54
NE	9	NE	10	NE	10	NE	7	NE	6	E	5	E	2	E	6	E	2	NE	20	7	14	NE	13.30
NE	13	NE	14	NE	12	NE	10	NE	11	NE	10	NE	9	NE	12	NE	11	NE	21	10	18	E	17.30
S	13	S	17	S	12	S	11	S	7	S	6	S	5	SE	2	Calma	0	S	7	12	30	N	8,18
NE	16	NE	16	NE	17	E	10	E	8	NE	9	NE	10	NE	15	NE	12	NE	9	8	26	NE	16.10
E	10	NE	11	NE	14	NE	12	NE	10	NE	7	NE	6	E	3	E	4	NE	21	11	23	NE	7.56
S	13	S	12	S	9	SW	5	SW	4	S	3	S	2	E	7	E	4	S	10	6	25	SW	11.52
W	18	W	16	W	14	NW	12	NW	16	NW	17	NW	19	NW	20	NW	20	W	10	11	24	W	16.56
NE		NE		NE		NE		NE		NE		NE		NE		E		PREVALENCIA MENSUAL: Dirección	Horas	VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES: 48 Km.		
12		13		15		16		14		10		11		8		8		NE	240	9	DIRECCIÓN	DÍA	HORA
	11		12		10		7		7		6		6		8		8				S	11	de 11.25 a 11.30

IECUENCIAS, 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			9	84	7	34					1	3	1	2			6	127
2			17	120	1	2	1	3									5	128
3	4	42	18	138	1	3											1	184
4	3	17	2	15			2	27	1	4			14	146	2	31		240
5					4	17	20	232										249
6	1	4	9	81	2	17	9	62	1	3							2	169
7	19	173	4	23											1	15		211
8	11	78	3	15	3	8							3	13	4	29		143
9	5	31	13	122	2	7									1	3	3	165
10	9	107													15	290		397
11			3	18	7	26	3	6	3	21	1	4	2	9	3	19	2	105
12	3	26	11	106	6	21	1	4					1	3	2	11		171
13	20	354	4	64														418
14	6	130	13	139	1	10	3	37	1	5								321
15			7	69	6	38	6	19	1	3							4	133
16	2	6					13	122	5	41					2	13	2	183
17	2	9											4	73	18	182		264
18			7	51	1	4	2	10							14	136		201
19			9	78	6	42	9	50										170
20			16	132	2	12	6	27										171
21					12	162	12	77										239
22			8	116	9	76	7	47										239
23			10	67	9	73	1	2	2	5							2	149
24			20	157	4	15												172
25	2	19	21	218	1	5												242
26	2	39	6	81			1	2	7	71	3	45	3	28	1	22	1	288
27			9	132	5	44	4	25	1	2							5	204
28			21	244	3	17												261
29					5	19	1	2	10	97	2	9	2	11	1	5	3	145
30					1	4	1	2			1	2	10	141	7	110	4	262
31																		
SUMAS	89	1035	240	2270	98	656	102	756	32	252	8	63	40	426	71	866	40	6351
% PREVAL. POR VELOCIDAD	16.2		35.7		10.3		11.9		4.0		1.0		6.7		13.6		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		9		7		7		8		8		11		12		1	213

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	9	6	5	0	0	0	3	3
1 - 2	6	8	4	6	0	0	0	3	3
2 - 3	7	8	2	6	0	0	1	2	4
3 - 4	6	8	1	5	1	1	2	2	4
4 - 5	5	8	2	4	1	1	1	2	6
5 - 6	6	9	0	3	4	1	0	2	5
6 - 7	7	6	2	7	2	0	0	2	4
7 - 8	4	10	1	7	0	0	0	7	1
8 - 9	4	9	4	5	0	0	2	6	0
9 - 10	4	8	4	5	0	1	3	5	0
10 - 11	3	7	5	5	1	1	5	3	0
11 - 12	2	10	1	7	2	0	4	4	0
12 - 13	2	9	7	3	1	0	5	3	0
13 - 14	3	11	6	2	1	0	5	2	0
14 - 15	1	15	5	2	2	1	2	2	0
15 - 16	2	12	6	2	3	0	3	2	0
16 - 17	2	13	5	1	4	0	2	3	0
17 - 18	2	15	2	4	3	0	2	2	0
18 - 19	0	16	4	2	1	1	1	3	2
19 - 20	0	14	5	3	1	1	1	3	2
20 - 21	3	10	7	3	2	0	1	2	2
21 - 22	5	11	5	3	3	0	0	1	2
22 - 23	5	8	6	7	0	0	0	3	1
23 - 24	6	6	8	5	0	0	0	4	1
SUMAS	89	240	98	102	32	8	40	71	40
% de frec. por dirección	12.4	33.3	13.6	14.2	4.4	1.1	5.6	9.9	5.6

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	Cu	1	Claro	0	Claro	0	Cs	1	Ci	1	97	97	97
2	Claro	0	Claro	0	Ci	1	Ci	1	Claro	0	7	8	7
3	Claro	0	Ci	6	Ci	6	Ci	2	Claro	0	8	9	9
4	Ci	3	Cc	1	Sc 1 Ci 1	2	As 1 Cc 1	2	Ci	1	8	8	7
5	Ci	1	Claro	0	Claro	0	Sc	3	Claro	0	8	8	9
6	Claro	0	Claro	0	Claro	0	Ci	1	Ci	4	9	9	7
7	As	8	As	8	Ac	8	St	8	St	8	8	8	7
8	Ci	1	Ci	2	Ci	1	Cc	1	Claro	0	8	9	7
9	Ci	1	Claro	0	Cs	6	Ci	6	Claro	0	9	8	9
10	Ci	8	Claro	0	Ci	8	Cu	2	Claro	0	8	8	8
11	Ac	4	St	8	Sc	8	Ns	8	Sc	7	4	7	1
12	Ci	3	Ci	1	Ci	2	Claro	0	Claro	0	7	9	8
13	Ac	1	Ci	1	Ci	1	Ac 6 Ci 1	7	As	8	8	8	7
14	Sc	8	Ac 3 Cu 2	5	Cu 3 Ci 4	7	Cu 1 Sc 5 Ci 1	7	As 2 Sc 6	8	7	7	7
15	Niebla	8	Ns	8	Fs	8	Sc	7	Sc	4	1	5	7
16	St	7	Ci	2	Cu	3	Cu	3	Claro	0	9	9	9
17	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	8
18	Claro	0	Ci	1	Cu	1	Cu	1	Ci	2	8	9	8
19	Niebla	8	Ci	5	Ci	2	Ac	4	Ac	3	1	8	8
20	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	8
21	Sc 1 [illegible]	3	Cu 2 Ci 1	3	Ci	6	Cs	6	Claro	0	6	6	9
22	Sc	8	Cu 1 Ac 4 Ci 2	7	St	8	Sc	8	St	8	8	8	7
23	Cu Sc	4	Sc 5 Cu 2	7	Cu	1	Claro	0	Claro	0	6	7	8
24	Cu	3	Claro	0	Claro	0	Claro	0	Claro	0	8	8	8
25	Ci	1	Cu	3	Cu	2	Ci	1	Ci	1	8	9	7
26	Sc	6	Sc	8	Sc	7	Cu	3	Claro	0	7	9	9
27	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	9	7	8
28	As	7	St	8	St	8	Ac 4 St 4	8	Ac	1	9	8	8
29	Cu 5 [illegible]	7	Cu	6	Claro	0	Claro	0	Claro	0	8	9	8
30	Claro	[illegible]	Claro	0	Claro	0	Claro	0	Claro	0	8	9	8
31													
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
	9	44.1	21.7	1.82	1	5	4	
	10	44.2	22.6	1.76	2	5	3	B.
1	12	46.2	24.5	1.76	1	5	3	B.
	14	44.8	24.6	1.64	1	5	4	B.
	15	42.4	23.5	1.54	0	5	5	
	9	45.0	23.4	1.76	0	5	5	
	10	46.5	24.5	1.79	0	5	5	
2	12	48.5	26.8	1.76	0	5	5	
	14	48.5	27.4	1.72	1	5	5	
	15	38.5	27.1	0.93	1	5	5	
	9	38.5	27.1	0.93	1	5	5	
	10	51.0	28.7	1.81	3	5	5	
3	12	48.9	29.0	1.62	6	4	5	
	14	57.0	32.1	-	6	5	5	
	15	35.0	26.0	0.73	6	2	5	
	9	49.8	29.4	1.66	1	5	5	
	10	52.4	31.7	1.68	1	5	5	
4	12	55.4	34.9	1.67	2	5	5	
	14	54.0	35.6	1.50	2	3	5	
	15	46.6	33.6	1.06	5	1	5	
	9	44.3	21.7	1.84	2	5	5	
	10	46.2	23.2	1.87	2	5	5	
5	12	47.4	25.0	1.82	1	5	5	
	14	46.7	25.2	1.75	0	5	5	
	15	43.8	24.4	1.58	1	5	5	
	9	42.1	19.1	1.87	0	5	5	
	10	44.6	21.3	1.89	0	5	5	
6	12	46.5	23.7	1.85	0	5	5	
	14	46.0	25.0	1.71	0	5	5	
	15	44.5	24.0	1.67	0	5	5	
	9	44.0	21.5	1.83	8	2	4	
	10	35.2	19.9	1.24	8	1	5	
7	12	28.7	14.3	1.17	8	0	5	
	14	33.2	21.0	0.99	8	0	5	
	15	27.3	19.0	0.67	8	0	5	
	9	47.5	26.0	1.75	1	5	5	
	10	49.7	28.1	1.76	1	5	5	
8	12	51.8	30.4	1.74	1	5	5	
	14	50.5	30.5	1.73	1	5	5	
	15	49.6	30.6	1.54	3	5	5	
	9	50.5	29.7	1.69	1	5	5	
	10	52.2	31.4	1.69	1	5	5	
9	12	51.9	32.4	1.58	0	4	2	B.
	14	53.5	33.3	1.64	6	4	5	
	15	51.5	32.5	1.54	7	4	5	
	9	50.4	30.0	1.66	8	4	5	
	10	53.0	32.3	1.68	8	4	5	
10	12	55.3	34.9	1.66	8	4	5	
	14	55.3	36.0	1.57	8	4	5	
	15	52.0	35.0	1.38	8	4	5	
	9	50,0	31.8	1.48	1	5	3	B.
	10	50,1	33.9	1.32	7	0	4	B.
11	12				8	0	1	Z.
	14				8	0	1	Z.
	15				8	0	1	Am.
	9	48.5	27.5	1.71	1	5	5	
	10	51.0	29.4	1.76	1	5	5	
12	12	53.8	33.0	1.69	1	5	5	
	14	55.5	34.4	1.72	2	5	5	
	15	53.0	33.8	1.56	1	5	5	
	9	49.9	30.2	1.60	1	5	5	
	10	52.6	32.4	1.64	1	5	5	
13	12	54.8	35.1	1.60	0	5	5	
	14	54.2	35.5	1.52	1	5	5	
	15	53.9	35.2	1.52	1	5	5	
	9	50.3	32.9	1.41	8	4	4	
	10	53.5	33.5	1.63	5	5	5	
14	12	43.0	31.8	0.91	6	3	4	
	14	55.8	37.4	1.50	7	4	4	
	15	50.7	33.6	1.39	5	5	3	
	9	24.5	21.7	0.23	8	0	4	
	10				8	0	4	Am.
15	12				8	0	3	LL.
	14				8	0	4	LL.
	15	36.5	25.4	0.90	7	2	5	
	9	29.7	18.7	0.88	7	0	5	
	10	40.1	23.0	1.39	5	2	5	
16	12	48.6	27.2	1.74	3	3	5	
	14	46.7	27.4	1.57	3	5	5	
	15	53.0	30.1	1.86	3	5	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
	9	49.5	29.0	1.67	0	5	5	
	10	51.2	30.4	1.69	0	5	5	
17	12	53.0	32.4	1.67	0	5	5	
	14	52.0	32.5	1.58	0	5	5	
	15	51.6	31.9	1.60	0	5	5	
	9	50.6	30.3	1.65	0	5	5	
	10	52.7	31.8	1.70	1	5	5	
18	12	54.2	34.0	1.64	1	5	5	
	14	53.6	33.8	1.61	1	5	5	
	15	51.5	33.0	1.50	1	5	5	
	9	47.7	28.4	1.57	0	4	3	Ne.
	10	52.5	31.5	1.71	3	5	5	
19	12	54.1	32.5	1.76	4	5	5	
	14	53.0	32.7	1.65	2	5	5	
	15	51.0	32.5	1.50	1	5	5	
	9	49.8	29.0	1.69	0	5	5	
	10	52.0	30.6	1.74	0	5	5	
20	12	53.9	33.0	1.70	1	5	5	
	14	51.5	32.6	1.54	0	5	5	B.
	15	51.0	32.5	1.50	0	5	5	B.
	9	50.6	30.2	1.66	4	5	5	
	10	52.9	31.7	1.72	3	5	4	B.
21	12	54.1	32.4	1.76	6	3	4	B.
	14	42.2	27.7	1.18	6	2	4	B.
	15	40.9	27.0	1.13	8	2	4	B.
	9	44.0	24.5	1.58	7	2	5	
	10	52.4	27.8	-	6	3	5	
22	12	51.2	28.9	1.81	7	4	5	
	14	31.8	24.0	0.63	8	0	5	
	15	27.2	22.5	0.38	8	0	5	
	9	50.9	29.0	1.78	5	3	5	
	10	47.9	28.9	1.54	4	3	3	B.
23	12	51.6	31.4	1.64	2	4	4	B.
	14	50.4	30.8	1.59	1	5	4	B.
	15	48.5	30.2	1.49	1	5	5	
	9	50.6	29.9	1.68	1	5	5	
	10	52.4	31.0	1.74	1	5	5	
24	12	53.6	32.4	1.72	0	5	5	
	14	53.4	32.8	1.67	0	5	5	
	15	51.9	32.5	1.58	1	5	5	
	9	52.0	31.7	1.65	0	5	5	
	10	49.0	32.0	1.38	3	5	5	
25	12	54.9	34.1	1.69	2	5	5	
	14	53.9	34.8	1.55	2	5	5	
	15	52.1	33.5	1.51	1	5	5	
	9	41.0	29.4	0.94	7	2	5	
	10				8	0	4	Am.
26	12				8	0	4	LL.
	14	34.2	24.5	0.79	7	1	5	
	15	40.9	26.6	1.16	7	3	5	
	9	49.2	27.6	1.76	0	5	5	
	10	51.3	29.2	1.80	0	5	5	
27	12	52.7	30.9	1.77	1	5	5	
	14	50.2	30.7	1.58	1	5	5	
	15	48.2	28.6	1.59	0	5	5	
	9	34.2	22.9	0.92	7	1	5	
	10	40.0	25.0	1.22	8	0	5	
28	12	51.0	30.0	1.71	7	1	5	
	14	38.7	26.8	0.97	8	0	5	
	15	25.4	22.5	0.24	8	0	5	
	9	43.3	27.3	1.30	5	3	5	
	10	52.4	30.8	1.76	4	5	5	
29	12	59.7	34.7	-	4	5	5	
	14	53.2	33.5	1.60	0	5	5	
	15	51.9	32.9	1.54	0	5	5	
	9	53.0	32.0	1.71	0	5	5	
	10	54.9	33.8	1.72	0	5	5	
30	12	56.9	35.9	1.71	0	5	5	
	14	56.4	36.4	1.63	0	5	5	
	15	54.9	35.9	1.54	0	5	5	
	9							
	10							
31	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		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.9	13.4	89
2		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	11.8	13.5	87
3		0.8	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5	0.1	1.0	1.0	0.2	10.5	13.5	78
4		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	13.5	86
5		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	11.5	13.6	85
6		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.0	13.6	88
7					0.9				0.2						1.1	13.6	08
8		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.5	13.6	85
9		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	13.7	88
10		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	13.7	87
11			0.3	0.6	1.0	0.5			0.3						2.7	13.7	20
12		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.0	13.8	87
13		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.8	13.8	78
14			0.6	1.0	1.0	1.0	0.8	0.8	1.0	1.0	1.0	0.7			8.9	13.8	64
15										0.5	0.2		0.2		0.9	13.8	06
16						0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	7.9	13.9	57
17		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2	13.9	88
18		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	12.3	13.9	88
19			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	13.9	75
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	0.4	12.3	14.0	88
21				0.8	1.0	1.0	1.0	1.0	0.7	1.0	0.9	1.0	0.2		8.6	14.0	61
22		0.1	0.8	0.4	0.9	1.0	1.0	0.5				0.1			4.8	14.0	34
23			0.2	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.4	14.0	74
24		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	14.0	86
25		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	14.1	84
26		0.6	1.0	0.8	0.1				0.6	0.9	0.9	1.0	1.0	0.4	7.3	14.1	52
27		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	12.3	14.1	87
28		1.0	0.6	1.0	0.2	0.1	0.6	0.2					0.3		4.0	14.1	28
29		0.2		0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3			7.6	14.1	54
30	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	14.2	87
31																	
Medias	0.0	0.6	0.7	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.1	9.6	13.8	69

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	16.0	21.6	18.6	15.5	19.4	18.2	15.5	16.1	16.8	16.4	16.3	16.7	18.6	18.4	18.4
2	15.8	22.2	19.3	15.3	20.0	18.7	15.4	16.2	17.2	16.4	16.4	16.8	18.6	18.5	18.5
3	17.2	23.5	20.8	16.4	20.7	18.8	16.0	17.0	18.0	16.8	16.8	17.4	18.8	18.8	18.7
4	18.6	25.0	22.5	17.6	22.2	21.3	16.9	18.0	18.9	17.4	17.6	18.1	18.2	19.3	19.3
5	18.4	23.3	20.2	18.1	21.5	19.9	17.8	18.1	18.6	18.3	18.1	18.4	19.8	19.9	19.8
6	16.6	22.6	19.6	16.5	20.7	19.2	16.8	17.3	18.0	17.8	17.6	18.0	19.9	19.8	19.7
7	16.5	19.6	18.6	16.3	18.0	17.8	16.4	16.5	16.8	16.5	16.2	17.2	19.7	19.5	19.4
8	17.1	25.8	21.0	16.4	21.2	20.1	16.1	17.0	18.4	17.0	17.0	17.8	19.3	19.2	19.3
9	18.6	25.0	22.1	17.6	22.3	21.2	17.1	18.1	19.0	17.8	17.8	18.5	19.7	19.7	19.8
10	19.4	25.2	22.9	18.6	22.7	21.9	18.0	18.7	19.7	18.5	18.5	18.0	20.3	20.3	20.3
11	20.4	22.4	21.3	19.8	21.1	20.6	18.8	19.2	19.2	18.2	19.1	19.2	20.8	20.7	20.8
12	19.0	25.9	22.4	18.4	23.4	21.8	18.0	19.0	20.0	18.7	18.8	19.4	20.7	20.7	20.6
13	19.9	25.4	23.3	19.3	25.2	22.3	18.8	19.7	20.4	19.4	19.3	19.9	21.1	21.1	21.2
14	22.3	27.1	25.2	20.9	24.5	24.0	19.7	20.8	21.6	19.9	20.1	20.8	21.5	21.6	21.7
15	22.1	22.1	22.6	21.4	21.3	21.8	20.3	20.0	20.2	20.5	20.2	20.2	22.0	21.9	21.9
16	19.4	23.9	22.4	18.1	22.2	21.7	18.8	19.1	21.1	19.9	19.5	19.9	21.7	21.6	21.5
17	20.0	25.8	23.2	19.3	23.3	22.5	18.9	19.6	20.6	19.6	19.5	20.0	21.6	21.5	21.5
18	20.8	26.8	24.0	20.0	24.2	23.2	19.4	20.2	21.2	19.9	19.9	20.6	21.7	21.8	21.8
19	21.6	26.8	24.7	20.9	24.5	23.8	20.1	20.8	21.6	20.5	20.6	21.0	22.2	22.2	22.3
20	22.6	27.8	25.4	21.3	25.2	24.4	20.5	21.4	22.2	21.0	21.0	21.5	22.7	22.7	22.7
21	22.5	27.3	23.4	21.8	25.0	23.3	21.2	21.8	22.2	21.4	21.4	21.9	23.1	23.1	23.1
22	21.1	25.4	21.2	22.9	23.5	22.7	20.5	21.0	21.4	21.2	21.1	21.3	23.2	23.1	23.0
23	22.2	26.4	24.3	21.3	24.4	23.6	20.4	21.4	21.8	20.9	21.0	21.4	22.9	22.9	22.9
24	22.3	27.5	25.0	21.3	25.3	24.2	20.7	21.6	22.5	21.2	21.3	22.0	21.1	23.1	23.2
25	23.4	28.5	25.7	22.3	26.0	24.9	21.4	22.4	23.2	21.8	22.0	22.5	22.5	23.6	23.7
26	24.0	24.7	23.8	23.1	23.5	23.3	22.0	22.2	22.2	22.3	22.2	22.2	24.0	23.9	23.8
27	21.5	27.0	23.6	20.7	24.9	23.4	20.6	21.5	22.2	21.5	21.4	22.0	23.6	23.5	23.5
28	21.4	24.4	23.2	20.9	22.8	22.4	20.6	20.8	21.0	20.4	20.2	21.2	22.5	23.3	23.2
29	21.5	26.5	24.0	20.9	24.3	23.5	20.2	21.2	21.9	20.9	21.2	21.6	23.1	23.2	23.0
30	21.3	27.6	24.7	20.6	25.1	23.9	20.5	21.5	22.3	21.4	21.4	21.9	23.4	23.4	23.3
31															
Prom.	19.4	25.1	22.6	19.4	23.0	22.0	18.9	19.6	20.3	19.4	19.4	19.9	21.3	21.4	21.4

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	0.2	1.4	1.7	3.4							8989
2					0	0.3	1.6	1.6	3.6							8994
3					0	0.4	2.2	1.4	4.0	L.25	6.5	8.2	13.6			8997
4					0	0.4	2.7	1.1	6.1							8990
5					0	2.3	1.7	1.4	3.6							8900
6					0	0.5	1.7	1.3	3.6							9011
7					0	0.6	1.2	1.0	3.4							9011
8	0.0	0.0	0.0	0.0	0	1.2	2.4	1.7	4.7							9021
9					0	0.6	2.4	2.3	6.1	L.26	8.0	8.6	14.6	18.1		9026
10					0	1.4	3.9	3.0	8.0							9023
11					2	1.1	1.3	0.3	1.9							9035
12	6.7	7.0	4.9	6.3	1	0.3	2.2	2.3	5.8							9034
13					0	1.3	3.7	4.3	11.7	-	-	-	-			9044
14					0	3.7	1.7	2.6	4.8							9045
15	25.5	25.8	23.3	24.6	2	0.5	0.2	0.4	0.8							9045
16	30.5	31.3	-	28.9	2	0.2	0.9	1.3	2.6							9045
17					1	0.4	2.9	2.3	6.4							9033
18					0	1.2	2.2	1.8	4.4	LL.2	19.2	19.3	20.5			9043
19					0	0.4	1.7	1.9	4.6							9045
20					0	1.0	1.6	1.5	3.4							9055
21					0	0.3	1.3	1.5	4.1							9054
22					0	1.3	1.1	0.8	2.4							9066
23	0.3	0.5	0.0	0.0	0	0.5	1.4	1.8	3.8	LL.3	11.6	13.8	18.7			9067
24					0	0.6	1.8	1.6	3.8							9067
25					0	0.4	1.9	2.0	5.3							9077
26					0	1.4	0.8	0.9	2.2							9078
27	1.6	2.1	0.4	1.2	0	0.5	1.7	1.8	5.0							9085
28					0	1.5	2.1	1.2	4.0							9089
29	0.3	0.5	0.1	0.0	0	0.7	1.7	2.4	4.9	LL.4	8.7	8.6	17.2	19.2	15.9	9099
30					0	0.8	3.8	3.8	11.4							9090
31																
Prom.	64.9	67.2	-	61.0	-	1.0	1.9	1.8	4.7	-	-	-	-	-	-	9039

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
18.4	18.4	18.3	16.9	17.0	17.0	16.5	16.7	1.2	Ca. m. t. y n., r. m. y n.
18.5	18.6	18.3	17.0	17.1	17.1	16.5	16.7	3.0	Ca. m. t. y n., r. m. y n., B. n.
18.7	18.8	18.8	17.1	17.4	17.4	16.5	16.7	3.1	Ca. m. y n., Cn. t., r. m.
19.0	19.2	19.1	17.6	17.7	17.8	16.5	16.7	6.8	Ca. m. t. y n., r. m.
19.5	19.6	19.5	17.8	17.7	17.6	16.6	16.7	6.7	Ca. m. t. y n.
19.6	19.6	19.5	17.5	17.6	17.6	16.5	16.5	0.7	Ca. m. t. y n., r. m.
19.6	19.5	19.3	17.6	17.7	17.6	16.7	16.7	-0.3	Cn. m. t. y n., LL. t.
19.2	19.3	19.2	17.6	17.8	17.7	16.7	16.8	0.7	Ca. m. t. y n., r. n.
19.5	19.6	19.5	17.9	17.9	18.0	16.8	16.8	-	Ca. m. y n., Cn. t., r. m., Js. t.
20.0	20.0	20.0	18.0	18.0	18.1	16.9	16.8	9.5	Cn. m. y t., Ca. n., r. m.
20.4	20.4	20.4	18.2	18.2	18.3	16.9	16.8	11.8	Cn. m. t. y n., Ne. m., R.Tp. m., Ru.LL. t. y n.
20.4	20.3	20.1	18.3	18.4	18.4	17.0	16.8	7.2	Ca. m. t. y n.
20.6	20.7	20.7	18.5	18.5	18.5	17.0	16.9	11.2	Ca. m. y t., Cn. n.
21.1	21.3	21.3	18.6	18.7	18.7	17.1	17.0	11.5	Cn. m. t. y n., LL. n.
21.5	21.4	21.3	18.8	18.9	18.9	17.1	16.9	9.7	Cn. m. t. y n., N.LL.Ru. m.
21.2	21.1	20.8	19.5	19.2	19.2	17.1	17.0	13.0	Cn. m., Ca. t. y n., r. n.
21.0	21.0	20.9	19.2	19.3	19.3	17.3	17.0	1[illegible]3	Ca. m. t. y n.
21.3	21.4	21.4	19.3	19.3	19.3	17.4	17.0	2.6	Ca. m. t. y n.
21.7	21.8	21.8	19.4	19.5	19.5	17.4	17.0	3.9	Cn. m. y n., Ca. t., N. m.
22.2	22.3	22.3	19.6	19.6	19.7	17.5	17.0	3.3	Ca. m. t. y n., B. t.
22.7	22.7	22.7	19.8	19.8	19.8	17.5	17.1	13.2	Ca. m. y n., Cn. t., r. m., B. t.
22.8	22.8	22.7	20.0	20.1	20.1	17.6	17.1	2.7	Cn. m. t. y n., Z. t. y n.
22.6	22.6	22.5	20.2	20.2	20.2	17.7	17.1	7.5	Cn. m., Ca. t. y n., B. t.
22.7	22.8	22.7	20.3	20.3	20.3	17.7	17.1	2.6	Cn. m., Ca. t. y n.
23.0	23.2	23.2	20.4	20.5	20.5	17.9	17.2	5.6	Ca. m. t. y n.
23.5	23.6	23.5	20.6	20.6	20.6	18.0	17.2	16.0	Cn. m. y t., Ca. n., Z. m,
23.4	23.3	23.1	20.7	20.8	20.8	18.0	17.2	7.4	Ca. m. t. y n., r. m.
23.1	23.0	22.9	20.8	20.8	20.9	18.0	17.3	-0.6	Cn. m. y t., Ca. n.
22.8	22.8	22.8	20.9	20.9	20.9	-	17.3	2.5	Cn. m., Ca. t. y n., LL. m.
22.9	23.1	23.0	20.9	21.0	21.0	-	17.4	-4.9	Ca. m. t. y n.
21.1	21.1	21.0	19.0	19.0	19.0	17.2	17.0	5.5	

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	60.4	67.2	6	8	53.0	10	17,18	16.6	24.1	7.2	31.4	4	14-15	2.3	6	5-6	10.6	13.6	78
2ª	54.8	60.5	19	8	46.2	14	16-17	21.3	28.1	14.2	33.8	14	16	10.0	15	24	9.0	13.8	65
3ª	56.8	61.7	27	11	51.0	26	9	20.9	26.9	14.3	31.8	30	14-15	8.9	30	5	9.1	14.1	65
MES	57.4	67.2	6	8	46.2	14	16-17	19.6	26.4	11.9	33.8	14	16	2.3	6	5-6	9.6	13.8	69

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	67	100	1,2,3, 6,7	23	4	8.8	14.4	4.8	NE	8	36	10	33	10	8-9	36	NW	10	10.32	-	-	-	-	-	-
2ª	69	100	12	21	12	12.2	18.5	6.6	NE	9	48	11	26	14	2-3	49	SW	11	11.08	64.1	31.3	16	5.5	15	23-24
3ª	68	100	21,27	15	30	11.8	17.0	5.4	NE	10	36	26	23	26	7-8	30	N	26	8.18	3.1	2.1	27	0.7	27	12-13
MES	68	100		15	30	10.9	18.5	4.8	NE	9	48	11	33	10	8-9	49	SW	11	11.08	67.2	31.3	16	5.5	15	23-24

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	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
2ª	4	1	-	2	-	1	-	3	1	-	-	-	-	-	-	2	1
3ª	7	2	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-
MES	16	4	-	2	-	1	-	6	4	-	-	-	-	-	1	2	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	8	-	-	-	-	-	-	1	-	-	-	8	2	-	5	-
2ª	2	-	-	-	-	-	-	-	-	-	-	6	4	-	7	-
3ª	2	-	-	-	-	-	-	-	-	-	-	7	3	-	8	-
MES	12	-	-	-	-	-	-	1	-	-	-	21	9	-	20	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. IV DICIEMBRE 1949 Nº. 12

RESUMEN MENSUAL

Sin influir en el buen estado del tiempo reinante, el 1º atraviesa el Observatorio un frente frío. En esta masa de aire fresco y seco regístranse el día 2 el valor máximo mensual de la presión con 762.6 mm y el mínimo de la temperatura con 5.2°C. Por la fuerte insolación y afluencia de aire caliente, aumenta la temperatura rápidamente en los días siguientes; el promedio diario oscila en casi 10.0°C entre el 2 y el 5,alcanzando en este día los 37.0°C. Este mismo día un fuerte descenso de la temperatura que llega a los 16.0°C es motivado por el pasaje de un frente frío que ocasiona algunas lluvias aunque no de importancia.En los días subsiguientes se restablece el buen tiempo con las características térmicas propias de la época.

La primera mitad de la segunda década configura típico tiempo estival, con temperaturas que sobrepasan diariamente los 30.0°C.Un frente de aire fresco y seco de origen polar que llega el 15, motiva un marcado aunque pasajero descenso en la columna termométrica, pues ya el 17 un nuevo repunte térmico e higrométrico hace que el 20 culmine con los valores máximos mensuales de 38.4°C y 19.0 mm respectivamente. En este día desciende la presión a 745.8 mm, valor mínimo mensual que se anota momentos antes de la llegada de un frente frío que hace que la temperatura varíe 9.0°C en el término de una hora.

Nuevos empujes de aire fresco llegan en los primeros días de la última década hasta el Río de la Plata ocasionando ligeras lluvias el 21 y el 22 con temperaturas inferiores a la normal. El 23 con aumento de la temperatura y descenso de la presión, al acercarse una zona de perturbación que da origen a una fuerte nubosidad los días 24, 25 y 26, se registran las primeras lluvias copiosas del mes. En un aire polar y fresco el cielo se despeja rápidamente; la temperatura aumenta lentamente. Con el cambio del viento al N se restablecen las condiciones normales de fin de año.

La constante actividad ciclónica del mes, motivada por los frecuentes pasajes de frentes, hace que la presión arroje un promedio mensual de 3.0 mm así como también la humedad absoluta y relativa 2.0 mm y 10% respectivamente inferiores a la normal. La temperatura empero acusa 1.0°C superior a su valor 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	117	89	135	107	158	-14	-	-	-52	-100	-114	±∞	±∞	±∞	-
2	42	53	47	38	27	36	44	45	36	27	29	36	36	28	-29
3	-	-	33	31	36	34	-∞	-∞	-	-	-	-	-	-	-48
4	45	38	42	41	37	66	72	-31	-	-	-114	-98	-56	-10	-
5	20	22	18	30	30	26	32	14	26	-91	-114	- 7	-22	-18	-25
6	66	50	46	50	56	71	69	20	-77	-187	-77	-161	-175	-110	-110
7	50	44	46	46	48	78	62	34	-44	- 4	-14	-18	7	22	14
8	50	58	42	44	28	-10	- 5	-65	-52	-	-28	22	-16	-23	12
9	40	50	54	54	52	71	71	64	69	52	30	9	7	-41	-12
10	30	28	22	22	18	26	32	18	7	20	58	44	42	30	28
11	66	48	34	60	73	110	85	71	14	-10	-69	-65	-14	- 4	-14
12	34	28	30	38	30	56	71	46	-25	-100	-16	-10	- 9	-28	-52
13	36	26	24	34	32	38	20	- 5	-32	-142	-138	-85	-83	-14	9
14	38	36	38	46	15	6	12	-29	18	9	-25	-10	-69	-77	-73
15	38	75	62	66	50	50	-	-62	98	-∞	-	-	-	-	-
16	-	-	-	-	-	-	-	50	36	-118	-48	-20	-25	-48	±∞
17	93	50	52	73	87	82	221	192	-205	-152	-136	-241	-64	-136	-72
18	15	111	176	-	-	-	-	-	-	-	-	-185	-128	-60	-104
19	23	35	47	35	70	26	29	12	29	18	-12	26	-76	-29	-
20	-	-	-	-	-	-	-	-	-	-	-	-64	-108	-52	-
21	99	111	82	93	38	116	∞	∞	93	166	87	143	105	64	- 8
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	54	54	42	27	15	42	30	60	66	96	84	84	63	66	51
24	44	18	- 3	20	41	41	29	32	-12	23	-39	78	108	72	150
25	64	58	58	70	47	±∞	±∞	-	-	-	-	-	-	-	-
26	±∞	±∞	±∞	±∞	128	111	87	192	180	157	186	189	163	140	186
27	61	64	64	73	61	76	82	87	76	84	76	70	93	108	119
28	87	73	41	12	15	35	52	52	76	76	70	70	58	-48	50
29	-	-	-	-	-	-	-	-	-	-	-	64	41	44	44
30	52	70	61	58	64	64	70	96	114	102	108	73	84	79	70
31	109	99	23	23	20	47	64	64	61	111	76	76	73	-42	73
Prom.	41.0	49.0	41.5	40.0	41.0	45.0	51.0	57.0	60.5	61.0	83.0	58.5	63.0	54.5	49.0

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	5.81	7.70	13.51	0.75	6.44	9.72	16.16	0.66	0.97	0.95	1.92	1.02	1.08	1.26	2.34	0.86
2	4.32	6.53	10.85	0.66	3.71	4.62	8.33	0.79	0.83	1.14	1.97	0.73	0.58	0.74	1.32	0.78
3	5.76	6.70	12.46	0.86	2.16	3.78	5.94	0.58	0.88	1.02	1.90	0.86	0.66	0.55	1.21	1.20
4	3.09	4.93	8.02	0.62	5.87	6.96	12.83	0.85	0.64	0.73	1.37	0.88	1.15	1.23	2.38	0.93
5	5.53	7.34	12.87	0.75	7.92	7.69	15.61	1.03	0.77	0.95	1.72	0.81	1.64	1.26	90	1.30
6	1.67	3.48	5.15	0.48	2.31	3.27	5.58	0.70	0.29	0.22	0.51	1.32	0.38	0.35	0.73	1.09
7	7.66	5.28	12.94	1.46	7.04	9.88	16.92	0.71	1.74	1.73	3.47	1.01	1.41	1.73	3.14	0.82
8	4.42	5.32	9.74	0.84	4.31	7.94	12.25	0.54	0.74	0.82	1.56	0.90	0.89	1.42	2.31	0.63
9	3.75	5.36	9.11	0.69	6.38	18.55	24.93	0.35	0.58	0.66	1.24	0.88	1.25	1.45	2.70	0.86
10	-	-	-	-	7.22	7.66	14.88	0.93	1.12	1.15	2.27	0.97	1.32	1.45	2.77	0.91
11	5.13	6.40	11.53	0.80	6.16	7.51	13.67	0.82	0.59	0.73	1.32	0.81	1.23	1.44	2.67	0.85
12	7.53	9.36	16.89	0.81	5.49	7.37	12.86	0.75	1.52	1.67	3.19	0.91	1.03	1.14	2.17	0.90
13	6.07	7.31	13.38	0.84	4.59	7.42	12.01	0.62	1.10	1.22	2.32	0.90	0.90	1.23	2.13	0.73
14	3.17	4.91	8.08	0.65	5.66	7.26	12.92	0.78	0.63	0.80	1.43	0.79	1.26	1.40	2.66	0.90
15	1.59	3.55	5.14	0.45	4.88	6.85	11.73	0.71	0.27	0.24	0.51	1.12	0.84	1.03	1.87	0.82
16	8.61	9.34	17.95	0.93	3.49	4.02	7.51	0.87	0.96	1.10	2.06	0.87	0.64	0.77	1.41	0.83
17	5.79	7.88	13.67	0.73	4.74	7.92	12.66	0.60	1.09	1.26	2.35	0.86	1.11	1.34	2.45	0.83
18	2.23	2.71	4.94	0.83	2.17	2.47	4.64	0.88	0.42	0.40	0.82	1.05	0.27	0.22	0.49	1.23
19	6.41	8.73	15.14	0.73	5.60	3.84	9.44	1.48	1.15	1.39	2.54	0.83	0.56	0.46	1.02	1.22
20	2.01	3.83	5.84	0.54	-	-	-	-	0.41	0.49	0.90	0.84	0.80	0.80	1.60	1.00
21	2.39	5.38	7.77	0.45	3.62	8.01	11.63	0.45	0.43	0.40	0.83	1.08	0.82	1.33	2.15	0.62
22	6.12	8.54	14.66	0.73	5.34	7.17	12.51	0.75	-	-	-	-	1.01	1.07	2.08	0.94
23	2.57	4.48	7.05	0.57	3.42	5.16	8.58	0.68	0.56	0.59	1.15	0.95	0.40	0.44	0.84	0.91
24	9.37	9.76	19.13	0.95	-	-	-	-	1.23	1.03	2.26	1.21	0.67	0.64	1.31	1.05
25	-	-	-	-	-	-	-	-	0.71	0.68	1.39	1.04	2.79	2.91	5.70	0.96
26	-	-	-	-	4.09	1.86	5.95	2.16	0.62	0.96	1.58	0.65	0.41	0.39	0.80	1.05
27	-	-	-	-	3.02	3.93	6.95	0.77	0.88	0.95	1.83	0.93	0.47	0.50	0.97	0.94
28	-	-	-	-	6.80	7.94	14.74	0.85	1.44	1.54	2.98	0.94	0.67	0.66	1.33	1.02
29	5.14	8.50	13.64	0.60	7.60	9.07	16.67	0.84	0.82	0.58	1.40	1.41	0.92	0.84	1.76	1.10
30	6.38	5.38	11.76	1.20	3.32	5.46	8.78	0.61	0.71	0.50	1.21	1.42	0.58	0.63	1.21	0.92
31	6.35	6.94	13.29	0.91	7.87	9.24	17.11	0.86	0.83	0.68	1.51	1.22	1.08	1.20	2.28	0.90
Prom.	4.96	6.37	11.33	0.76	5.04	6.88	11.92	0.81	0.83	0.89	1.72	0.97	0.93	1.03	1.96	0.94

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
-	-	-	-	-	36	46	46	56		∞	-∞	-	3*
-68	-43	-27	8	20	22	23	1	6		61	-∞	-	2
-126	-77	-39	-46	-48	16	-50	- 5	54		94	-∞	-	3*
-44	-14	22	18	30	36	28	32	20		103	-∞	-	2*
+∞	-	28	46	40	54	75	103	91		∞	-∞	-	3*
-179	-167	-142	-18	50	30	58	69	69		176	-∞	-	2
14	14	16	42	42	62	64	54	52		142	-222	364	2
2	9	5	- 7	-18	-	20	32	18		128	-∞	-	2*
- 9	-20	9	14	38	71	56	38	16		103	-∞	-	2
103	44	42	42	66	42	64	73	91	41.3	247	179	426	1
-32	-32	-52	2	73	50	50	38	18		∞	-∞	-	2
-81	-67	-44	-25	5	20	24	46	46		105	-∞	-	2
12	-	-15	- 9	52	73	48	34	48		91	-∞	-	2*
-77	-44	-12	5	5	38	40	34	26		210	-∞	-	2
-54	-28	- 4	- 4	16	-	-	-	-		∞	-∞	-	3*
±∞	-	-	-56	- 5	28	46	42	56		∞	-∞	-	3*
-	-	-	-	-	-	-	-	-		457	-∞	-	2*
-88	-136	-144	-∞	-188	-64	-56	-104	64		∞	-∞	-	3*
-32	-	-	-	-	-	-	-	-		∞	-∞	-	3*
-	-	-	47	73	108	82	82	90		∞	-∞	-	3*
-64	-32	-40	12	32	26	47	58	111		∞	-273	-	3*
36	16	9	29	29	50	-96	38	29		175	-321	496	2*
18	9	23	35	23	64	41	29	41		128	-96	224	2
-∞	-∞	-90	-84	6	6	35	35	73		108	-∞	-	3*
-	-	-	-	-	-	90	90	66		∞	-∞	-	3*
169	122	128	82	82	82	87	82	79		∞	-∞	-	3*
137	134	84	-	-	-	-	-	-		∞	-∞	-	3*
41	41	76	76	76	23	6	-42	12		198	-∞	-	2
23	18	35	52	52	70	70	70	64		96	-60	156	1*
32	58	44	61	79	93	101	105	111	77.0	210	-21	231	1
58	52	96	52	96	32	9	36	12		230	-∞	-	2
67.5	51.0	43.0	51.5	72.5	67.5	82.5	89.0	101.0	59.2				

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^-
-163	-	-	-	-	1136	981	2117	1.16	0.32	0.60
34	34	-21	2.23	-0.92	616	968	1584	0.64	0.64	-
-	-	-59	-	-7.13	853	551	1404	1.55	1.28	1.79
-150	-110	9	-5.02	0.71	1104	172	1276	6.42	2.50	-
-71	38	16	2.18	1.55	737	306	1043	2.41	0.49	0.62
-89	-134	-136	-2.28	-3.31	306	226	532	1.35	-	-
-30	-16	-16	-1.85	-1.67	907	735	1642	1.23	0.79	1.34
-37	12	2	0.62	0.15	457	280	737	1.63	0.41	-
28	9	- 5	0.37	-0.45	670	737	1407	0.91	0.86	-
62	54	42	4.09	3.88	1303	1104	2407	1.18	0.56	1.25
-98	-61	-52	-2.68	-4.78	490	637	1127	0.77	-	-
-18	- 7	-48	-0.74	-3.47	968	1104	2072	0.88	0.38	1.79
-146	-65	-18	-5.03	-1.28	1100	853	1953	1.29	2.32	0.65
-30	20	-14	0.95	-1.24	624	547	1171	1.14	0.87	1.78
-	-	- 5	-	-0.31	429	454	883	0.94	0.93	-
-22	-22	-46	-1.51	-2.16	1247	735	1982	1.70	0.58	-
-48	-241	-	-18.87	-	1165	1142	2307	1.02	1.19	0.48
-	-257	-196	-7.02	-3.20	226	180	406	1.26	-	0.97
6	29	-	2.46	-	979	905	1884	1.08	1.61	-
-	-	-	-	-	-	-	-	-	-	-
76	146	-52	4.04	-3.73	553	907	1460	0.61	-	0.19
-	-	-48	-	-3.33	-	-	-	-	-	-
90	87	35	3.34	0.98	737	184	921	4.00	0.73	-
-45	-42	-90	-3.19	-3.63	610	566	1176	1.08	0.95	-
-	-	-	-	-	570	610	1180	0.93	-	2.58
172	180.	146	9.48	4.33	301	115	416	2.62	1.92	-
61	64	119	3.90	3.85	398	547	945	0.73	-	-
17	70	79	6.95	3.50	1161	884	2045	1.31	2.72	-
-	64	41	2.99	2.40	849	735	1584	1.16	0.20	1.58
108	58	67	2.34	2.70	490	536	1026	0.91	1.61	3.21
67	90	99	4.53	7.52	622	916	1538	0.68	-	0.85
- 9	0.0	- 6	0.09	-0.35	745	642	1387	1.47	1.08	1.31

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	51.0	50.7	50.3	50.3	50.2	51.5	52.2	51.2	51.1	51.9	52.4	52.7	53.3	53.6	54.1
2	60.7	60.7	60.8	61.0	61.2	61.2	61.5	62.6	62.3	62.4	62.3	62.0	61.6	60.8	60.2
3	57.9	57.1	57.0	57.0	57.0	57.1	57.1	57.2	56.8	56.3	55.8	55.3	54.7	54.0	53.4
4	52.5	52.4	52.3	52.3	52.7	52.8	52.8	52.7	52.5	52.3	51.8	51.3	50.9	49.9	49.2
5	49.4	49.4	49.6	49.6	50.1	50.4	50.8	50.8	50.4	50.1	49.6	49.2	49.1	49.1	49.0
6	54.0	54.0	54.4	55.0	55.7	56.1	56.3	56.6	56.8	57.0	57.5	57.9	58.0	58.0	58.2
7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.2	59.9	59.7	59.2	58.7	58.2	57.5	56.6
8	54.8	54.7	54.7	55.1	55.5	55.9	56.5	55.9	55.5	53.9	53.9	53.7	53.5	53.0	52.9
9	54.4	54.4	54.3	54.3	54.6	55.1	55.8	55.8	55.9	56.1	56.1	55.9	55.4	54.9	54.6
10	54.9	54.5	54.4	54.5	54.6	54.8	55.2	55.4	54.7	55.0	54.8	54.8	54.5	54.8	54.3
11	53.8	54.1	54.3	54.2	54.5	54.8	55.0	55.0	54.9	54.8	54.4	54.2	54.1	53.9	53.8
12	55.7	55.7	55.8	55.9	56.3	56.7	57.0	57.1	57.1	57.1	56.7	56.4	55.9	55.2	54.5
13	54.2	53.9	54.1	54.3	55.1	55.3	56.2	56.6	56.2	56.1	55.9	55.4	55.0	55.0	54.7
14	55.4	55.3	55.2	55.4	55.3	56.0	56.0	56.0	55.9	55.5	55.2	54.7	54.0	53.2	52.7
15	52.5	52.1	51.9	52.1	52.1	52.8	53.7	53.8	53.2	51.8	51.8	51.6	51.1	51.0	50.7
16	54.4	54.7	55.4	55.7	56.2	56.5	56.8	56.9	57.0	56.9	56.4	55.8	55.1	54.6	54.0
17	53.8	53.1	53.0	53.1	53.6	54.1	54.2	54.2	53.9	53.5	53.3	52.9	52.6	52.4	52.3
18	54.0	53.4	53.3	53.4	53.4	53.5	53.5	53.2	52.6	52.5	52.2	51.6	50.8	50.0	49.0
19	48.5	48.4	48.5	48.8	49.3	49.7	50.2	50.2	50.5	50.2	49.9	49.4	49.3	49.0	49.3
20	49.1	49.0	48.8	49.2	49.3	49.4	49.4	49.3	48.5	48.3	48.0	47.4	46.9	46.3	45.8
21	49.6	49.0	48.8	49.2	50.0	49.7	50.0	50.0	49.5	50.1	50.1	49.7	49.2	48.8	48.2
22	49.2	49.5	50.1	51.6	51.8	51.5	51.3	51.8	50.7	50.2	50.0	49.5	49.3	48.6	47.9
23	52.2	51.7	51.4	51.8	52.4	53.1	53.5	53.8	53.4	53.2	53.1	52.5	52.0	51.2	50.6
24	50.2	49.4	49.3	49.3	49.5	50.1	50.2	49.8	49.5	49.3	49.0	48.5	48.1	47.4	46.8
25	47.5	47.4	47.6	48.0	49.5	50.1	49.8	50.0	50.0	49.6	49.6	49.8	49.9	50.0	49.5
26	52.3	52.6	52.8	52.5	52.6	52.8	53.7	54.2	54.2	54.3	54.2	54.2	54.0	53.6	53.3
27	54.8	54.5	54.4	54.5	54.8	55.0	55.2	54.8	54.7	53.8	53.0	52.6	51.9	51.0	49.8
28	48.4	47.2	47.1	47.7	48.8	48.6	47.9	49.0	49.4	49.4	49.9	50.1	50.3	50.3	50.0
29	52.6	52.7	52.9	53.8	54.6	55.5	56.1	56.8	57.3	57.7	58.3	58.2	58.3	58.2	57.9
30	60.8	60.6	60.4	60.4	60.5	60.7	61.1	61.2	61.1	60.6	60.3	59.7	58.9	58.5	57.8
31	57.5	57.2	56.9	56.5	56.4	56.4	56.3	56.4	56.1	55.7	55.1	54.5	54.2	53.6	53.0
Prom	53.4	53.2	53.2	53.4	53.8	54.1	54.4	54.5	54.2	54.0	53.9	53.6	53.2	52.8	52.4

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	20.4	20.0	19.4	19.4	19.3	19.8	18.3	23.0	26.4	26.5	27.1	26.8	27.5	27.3	26.5
2	9.6	8.7	7.1	5.8	5.3	8.3	15.2	18.4	20.5	21.7	28.0	28.5	24.9	25.4	25.6
3	15.6	16.0	15.4	15.2	14.2	15.8	19.1	23.7	25.8	28.0	29.4	31.1	31.4	32.0	32.2
4	20.1	19.0	18.6	17.6	15.7	17.6	21.9	27.0	30.0	31.3	33.3	34.7	34.9	35.2	35.7
5	21.5	19.1	20.5	19.2	17.8	19.2	25.7	29.8	32.4	35.1	36.4	37.0	36.6	33.6	34.3
6	20.1	19.7	18.1	16.3	15.6	16.3	18.8	21.7	23.5	24.1	23.7	24.7	25.1	25.5	24.5
7	16.8	16.2	15.2	14.2	13.1	15.7	19.1	21.4	23.1	24.1	26.3	27.5	28.6	29.4	29.5
8	18.7	18.0	17.5	17.2	16.3	16.7	19.7	22.2	24.1	25.9	26.6	27.7	27.7	27.4	28.6
9	16.7	15.5	14.1	12.9	11.9	12.5	16.0	18.2	20.3	21.7	23.7	25.0	26.7	27.3	27.7
10	15.9	15.0	14.3	13.7	13.3	14.2	16.7	19.7	22.0	22.7	23.5	24.6	25.1	25.5	25.4
11	14.3	14.4	14.4	14.3	13.2	14.3	19.3	24.2	26.6	27.7	29.6	30.2	30.6	30.3	30.6
12	19.5	19.6	17.5	16.6	16.0	17.3	20.1	22.9	25.5	26.8	27.1	28.2	29.5	30.4	30.5
13	20.1	19.2	18.0	16.9	15.7	17.9	20.1	24.0	27.2	28.1	21.7	22.9	24.5	33.6	33.3
14	24.9	24.4	22.9	21.7	21.1	20.8	21.9	25.0	25.7	29.4	31.0	33.6	33.8	34.5	34.4
15	21.8	20.7	19.6	18.4	17.5	17.7	21.2	22.3	21.8	22.8	26.8	28.8	30.0	30.4	29.8
16	14.4	13.5	13.0	12.1	10.3	10.2	15.2	18.5	20.4	22.2	22.5	23.8	24.9	25.6	25.4
17	11.4	12.2	12.8	12.4	12.3	12.9	15.7	21.7	26.7	28.8	30.6	31.2	32.2	31.7	31.4
18	18.1	17.9	16.4	15.5	14.9	16.1	20.4	23.8	26.4	29.0	30.8	33.5	35.1	36.2	36.9
19	27.4	26.2	24.1	22.9	23.3	23.2	24.3	26.2	28.8	31.8	34.2	35.3	36.9	35.6	29.8
20	21.0	20.9	17.8	17.6	17.1	18.5	22.0	25.5	28.2	31.6	32.7	34.8	36.4	37.6	28.9
21	19.2	18.9	18.2	18.3	18.4	19.1	20.0	22.4	24.5	24.2	26.1	28.1	31.1	32.1	32.6
22	18.0	17.9	18.1	20.5	19.7	19.2	19.3	17.6	17.5	18.1	18.9	23.5	26.3	27.8	27.7
23	11.6	10.2	9.0	9.2	9.2	9.8	11.3	13.2	15.3	18.0	19.3	20.9	22.6	23.3	24.0
24	15.6	14.2	13.5	13.8	14.5	14.8	16.6	20.1	22.1	25.4	28.7	30.1	31.3	32.2	30.2
25	17.2	16.7	16.5	16.7	18.0	18.2	18.0	18.4	20.0	20.9	21.0	21.7	19.7	18.6	18.0
26	16.0	16.1	16.1	16.1	16.4	16.6	16.9	18.4	19.6	20.4	21.1	22.4	22.4	23.8	23.3
27	19.1	19.1	19.0	19.0	18.5	18.6	19.8	21.2	22.5	23.4	25.4	27.0	28.2	28.9	28.3
28	19.9	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	21.2	20.2	19.8	19.1	20.8	22.8
29	14.6	13.6	12.9	12.6	12.5	12.9	14.9	16.4	17.7	18.4	19.6	20.5	20.4	21.0	21.7
30	10.8	9.7	8.8	8.2	7.8	9.2	15.5	18.4	19.8	21.6	22.5	23.3	24.3	24.8	25.1
31	14.3	14.4	14.5	14.5	14.7	17.0	18.4	20.0	21.3	24.6	24.6	26.9	27.6	27.4	27.4
Prom	17.6	17.0	16.2	15.8	15.3	16.2	18.8	21.5	23.4	25.0	26.2	27.6	28.2	28.9	28.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
54.5	55.3	56.3	57.2	58.4	59.5	59.9	60.2	60.6	60.6	24	50.2	5	10.4	754.1 mm.	1005.4 mb.
59.7	59.3	59.1	59.2	59.0	59.1	59.1	58.9	58.3	62.6	8	58.3	24	4.3	60.5	1014.0
52.9	52.6	52.4	52.6	52.8	53.1	52.9	52.6	52.6	58.3	0	52.4	18	5.9	54.9	1006.5
48.8	48.3	48.3	48.2	48.7	49.0	49.2	49.2	49.3	52.8	6,7	48.2	19	4.6	50.7	1000.9
49.0	49.9	50.2	50.6	51.4	51.9	52.1	52.5	53.3	53.3	24	48.9	15-16	4.4	50.3	1000.4
58.0	57.9	58.0	58.5	58.6	58.7	59.3	59.8	59.8	59.8	23-24	53.3	0	6.5	57.2	1009.6
56.2	55.6	55.1	54.9	55.2	55.4	55.4	55.1	55.2	60.2	8	54.9	19	5.3	57.8	1010.4
52.1	51.8	51.8	51.8	52.6	53.1	53.8	53.8	54.2	56.5	7	51.7	17-18	4.8	53.9	1005.2
54.3	54.1	54.1	54.7	55.0	55.6	55.9	55.5	55.2	56.1	10,11	54.1	17,18	2.0	55.1	1006.8
53.5	53.0	53.1	53.4	53.5	54.0	54.2	54.2	54.1	55.4	8	53.0	17	2.4	54.3	1005.7
53.6	53.5	53.7	54.2	54.7	55.0	55.2	55.5	55.7	55.7	24	53.5	17	2.2	54.4	1005.8
53.7	53.5	53.4	53.5	53.4	53.9	54.2	54.2	54.1	57.2	8-9	53.4	18,20	3.8	55.3	1007.0
54.5	54.6	54.7	55.0	55.5	55.7	55.8	55.9	55.4	56.6	8	53.9	2	2.7	55.2	1006.9
52.3	52.0	51.6	51.7	52.0	52.4	52.3	52.5	52.6	56.0	6,7,8	51.6	18	4.4	54.0	1005.3
50.4	49.9	49.7	50.2	51.0	51.9	53.3	53.5	53.7	54.1	8-9	49.7	18	4.4	51.9	1002.5
53.6	53.1	52.9	53.0	53.4	53.9	54.3	54.7	54.4	57.0	9	52.9	18	4.1	55.0	1006.6
52.2	52.2	52.8	53.2	53.4	54.1	54.3	54.4	54.3	54.4	0,23	52.2	16,17	2.2	53.4	1004.5
48.2	47.9	48.0	47.9	48.0	48.1	48.6	48.7	48.6	54.3	0	47.9	17,19	6.4	50.8	1001.0
49.1	48.9	49.2	49.1	49.1	49.3	50.4	49.5	49.3	50.5	22-23	48.4	2	2.1	49.4	999.2
48.5	48.1	47.0	48.2	48.6	49.6	49.9	50.5	50.4	50.6	22-23	45.8	15	4.8	48.6	998.1
48.1	47.8	48.2	48.7	48.8	49.2	49.7	49.7	49.3	50.4	0	47.8	17	2.6	49.2	998.9
47.7	48.5	49.1	49.5	49.8	50.8	52.2	52.5	52.5	50.2	23,24	47.7	16	2.5	50.2	1000.2
50.2	50.2	50.2	50.3	50.3	50.4	50.7	50.7	50.4	53.8	8	50.2	16,17,18	3.6	51.6	1002.1
46.0	45.9	46.5	47.0	47.4	47.5	47.7	47.9	47.8	50.4	0	45.9	17	4.5	48.3	997.7
49.3	49.6	49.8	50.6	50.5	51.1	51.2	51.7	52.4	52.4	24	47.4	2	5.0	49.8	999.7
53.1	53.2	53.7	54.0	54.9	55.1	55.5	55.4	55.0	55.5	22	52.3	1	3.2	53.8	1005.0
49.3	48.3	47.6	47.4	46.6	47.6	49.8	48.7	48.4	55.2	7	46.4	20-21	8.8	51.6	1002.1
50.4	50.5	51.1	51.9	52.2	52.5	52.9	52.7	52.4	53.0	22-23	47.1	3	5.9	50.0	1000.0
57.6	57.8	58.3	58.9	59.3	59.9	60.4	60.7	60.8	60.8	24	52.4	0	8.4	57.3	1009.7
57.5	57.2	57.4	57.8	58.0	58.1	58.2	58.1	57.9	61.2	8	57.2	17	4.0	59.3	1012.4
52.5	52.3	52.3	52.9	53.0	53.2	53.2	53.1	53.1	57.9	0	52.3	17,18	5.6	54.6	1006.1
52.2	52.0	52.1	52.5	52.7	53.2	53.6	53.6	53.6	55.6		51.0		4.6	53.3	1004.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
24.8	22.5	21.7	19.9	18.4	16.1	14.7	12.8	10.9	27.8	12-13	10.9	24	16.9	21.2
24.8	24.0	22.6	20.3	17.8	16.3	15.1	14.6	14.7	25.9	14-15	5.2	5-6	20.7	17.6
31.2	30.7	29.7	26.1	23.2	21.4	20.7	22.0	22.0	32.2	13-14	14.2	5	18.0	23.8
36.0	34.8	31.7	28.4	25.4	22.5	21.9	21.6	22.0	36.0	16	15.6	5-6	20.4	26.5
29.9	29.0	29.2	26.8	26.7	25.3	23.5	21.8	21.1	37.0	12	17.8	5	19.2	27.2
24.4	23.4	21.7	20.5	19.6	19.6	19.6	19.0	17.9	25.7	13-14	15.3	5-6	10.4	21.0
29.1	28.3	27.0	24.4	21.5	19.7	20.0	20.1	19.1	29.5	15	13.0	5-6	16.5	22.1
28.4	28.0	27.2	24.5	22.4	21.3	19.8	18.5	18.1	28.6	15	16.1	5-6	12.5	22.6
27.6	26.8	25.5	21.3	19.6	18.6	17.5	17.3	16.6	27.8	15-16	11.7	5-6	16.1	20.0
25.2	25.6	25.0	23.4	19.6	17.9	15.9	15.1	14.7	25.7	16-17	13.3	5	12.4	19.8
30.0	29.3	26.2	23.0	21.4	20.4	20.3	20.3	19.9	31.0	14-15	13.1	5-6	17.9	22.7
29.7	28.2	26.4	24.1	22.8	22.3	21.9	21.1	20.1	30.7	14-15	15.7	5-6	15.0	23.5
33.1	32.8	30.5	28.6	26.4	26.3	25.5	25.5	25.3	35.0	13-14	15.5	5-6	19.5	24.9
32.8	32.0	29.7	27.1	25.1	23.4	22.1	22.9	23.7	34.5	14	20.6	6-7	13.9	26.8
30.2	29.7	28.7	27.8	26.6	22.9	19.5	17.4	15.9	30.4	14	15.9	24	14.5	23.7
25.5	25.0	24.2	22.6	19.7	17.8	15.6	14.6	11.8	25.6	14	9.9	5-6	15.7	18.7
30.7	29.7	27.9	25.7	22.5	20.5	19.6	19.2	18.5	32.5	13-14	11.1	0-1	21.4	22.4
37.0	35.4	33.2	32.0	31.0	30.9	28.6	29.6	27.5	37.3	15-16	14.9	5	22.4	27.3
30.4	29.0	27.9	25.6	22.8	22.9	23.3	23.5	22.1	37.2	13-14	22.1	24	15.1	27.4
29.4	23.7	23.6	23.5	22.7	22.1	21.4	21.0	20.4	38.4	14-15	17.1	5	21.3	24.9
31.5	31.1	29.5	27.2	23.5	23.0	21.4	19.5	18.7	33.0	14-15	17.8	4-5	15.2	24.1
27.8	26.6	24.4	22.7	19.4	17.3	15.8	13.8	13.0	28.9	15-16	13.0	24	15.9	20.4
23.0	21.9	20.8	19.2	18.1	17.6	16.7	16.6	15.9	24.1	15-16	8.8	3-4	15.3	16.5
29.3	27.9	27.5	24.7	21.6	20.8	20.2	19.2	18.6	32.3	14-15	13.5	3	18.8	22.2
18.1	18.6	17.9	17.8	17.4	17.4	17.1	16.6	15.8	22.6	11-12	15.8	24	6.8	18.2
22.5	22.1	21.5	20.5	20.1	19.8	19.8	19.5	19.2	23.8	14	15.8	0	8.0	19.6
27.7	27.1	25.7	24.6	24.6	20.6	19.8	19.7	19.8	28.9	14	18.1	5-6	10.8	22.8
22.0	22.3	21.8	20.5	18.8	18.6	17.4	16.5	15.6	22.9	15-16	15.6	24	7.3	19.9
20.9	21.0	20.9	19.8	18.0	16.8	15.4	14.1	12.4	21.9	16-17	12.4	24	9.5	17.0
24.3	23.5	22.2	20.6	18.6	17.5	16.4	15.0	14.4	25.2	14-15	7.8	5	17.4	17.6
26.8	26.5	25.5	23.6	21.6	20.5	19.2	19.1	18.5	28.0	14-15	14.3	1	13.7	21.2
27.9	27.0	25.7	23.8	21.8	20.6	19.5	19.0	18.2	29.7		14.3		15.4	22.1

HUMEDAD RELATIVA en %

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

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	8.5	9.5	9.5	9.5	13.5	10.5	9.5	7.2	7.4	7.2	4.8	4.8	5.8
2	7.8	7.8	7.2	6.6	6.4	7.0	7.4	6.1	5.8	6.2	7.8	6.6	5.2	5.5	5.4
3	6.2	5.8	6.2	6.0	6.2	6.4	6.2	5.7	4.0	5.0	5.4	6.0	6.0	6.2	6.4
4	8.0	7.8	7.6	7.8	8.0	8.5	8.0	8.6	5.6	6.0	4.8	5.2	5.2	6.4	5.6
5	10.0	10.0	9.5	9.5	9.5	10.0	11.5	12.4	11.5	11.5	10.0	10.5	12.5	11.4	11.0
6	13.5	11.5	10.5	10.5	9.5	10.0	10.5	12.0	11.0	11.5	10.0	9.5	9.0	9.1	7.4
7	8.0	7.2	7.4	6.8	7.0	7.0	7.0	5.3	4.8	5.0	5.8	6.2	6.6	6.6	7.0
8	9.0	9.5	9.0	9.0	9.0	9.5	9.5	10.0	9.5	9.0	9.5	9.0	9.0	8.7	8.0
9	11.5	12.0	11.0	10.0	9.5	9.5	9.5	10.5	10.0	9.0	8.0	7.6	7.2	6.8	6.2
10	11.5	11.5	11.0	10.5	10.0	9.5	9.0	8.8	8.0	8.5	9.0	9.5	10.0	9.7	9.0
11	11.5	11.5	11.5	11.5	11.0	11.0	12.5	10.9	12.0	13.0	11.5	8.5	7.4	7.4	7.4
12	13.5	14.0	12.0	10.5	11.0	10.0	9.0	9.5	6.6	7.2	8.5	7.8	8.5	9.7	10.5
13	11.0	10.0	9.5	9.0	9.0	10.0	10.0	8.7	8.5	7.8	3.4	3.6	4.0	7.7	8.5
14	13.5	12.0	10.5	10.0	8.5	8.5	8.0	8.5	9.0	10.0	7.6	8.5	8.5	9.7	9.0
15	11.0	11.0	11.5	12.0	12.0	10.5	11.5	12.2	13.0	12.5	12.5	12.5	11.5	12.2	11.5
16	7.6	8.0	8.5	8.5	8.5	8.0	8.0	5.4	4.8	3.4	3.6	2.8	4.0	3.8	4.2
17	7.2	9.0	9.5	9.0	9.0	8.5	8.0	7.4	4.6	3.8	4.0	6.0	6.4	6.6	6.0
18	14.0	13.0	12.5	10.0	9.0	9.0	8.5	9.4	8.0	8.0	9.0	8.5	7.4	7.4	6.0
19	7.4	7.0	7.2	7.8	7.0	7.8	9.5	10.7	9.5	9.5	11.0	9.5	10.0	10.6	13.0
20	13.0	13.0	13.0	13.0	13.0	12.0	11.0	12.2	9.0	11.0	12.0	13.5	10.0	8.2	12.5
21	16.0	15.5	15.0	15.0	15.0	16.0	15.0	17.0	15.5	13.0	12.0	13.5	9.0	8.5	8.0
22	11.5	11.0	11.0	10.0	11.5	11.0	11.0	12.0	10.5	11.0	12.5	12.0	9.5	10.3	9.0
23	9.5	9.0	8.0	8.0	8.0	8.5	9.5	9.6	8.5	8.5	7.8	7.8	7.6	6.7	6.0
24	9.5	9.0	8.0	7.2	7.0	7.2	8.0	8.3	8.0	9.0	8.0	3.8	4.4	5.1	7.2
25	12.5	12.0	12.0	12.0	11.5	13.5	14.0	14.2	13.5	14.0	13.0	13.0	14.5	14.6	14.0
26	12.5	12.5	12.5	12.5	12.5	13.0	13.0	14.2	14.5	13.5	14.0	14.5	13.5	14.4	13.0
27	12.5	11.5	11.5	12.5	12.0	13.0	13.0	13.4	13.5	14.0	13.5	13.5	14.5	14.9	15.0
28	16.0	16.0	16.0	16.0	17.0	17.0	17.0	17.3	17.0	17.0	16.0	16.5	14.0	14.2	13.5
29	8.0	9.0	8.5	8.5	8.5	9.0	9.0	8.6	8.5	8.0	8.0	7.6	7.6	7.4	7.2
30	8.5	8.5	8.0	7.8	7.6	8.0	8.0	8.4	7.2	7.2	7.6	9.0	8.5	9.4	10.0
31	10.0	10.0	10.5	10.5	10.5	10.0	10.5	11.4	10.5	12.0	9.5	11.0	10.0	10.6	10.0
Prom.	10.6	10.5	10.2	9.9	9.8	10.0	10.2	10.3	9.4	9.4	9.1	9.1	8.6	8.9	8.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
26	29	34	37	41	48	59	68	81	84	7-8	17	13-14	67	44
30	34	35	45	57	60	60	57	54	100	3-5	18	14-15	82	54
22	20	24	30	44	56	63	43	42	64	22-23	16	11-12,15	48	34
12	18	25	33	44	53	53	54	52	64	5-6	11	12	53	35
37	42	46	50	57	67	68	75	78	79	3-24	24	11,12	55	48
36	41	47	52	57	57	59	53	56	79	3-4	34	15-16	45	55
23	24	27	39	69	76	63	53	54	76	21	21	15-16	55	42
30	32	39	54	63	70	73	76	84	84	24	30	14-16	54	53
18	20	25	66	76	80	84	84	85	95	3-5	18	16	77	62
41	39	43	52	72	87	95	98	100	100	24	38	17-18	62	66
22	21	41	70	61	65	67	75	75	100	1-6	20	16-17	80	60
35	39	43	56	66	69	68	72	77	85	2-3	26	9-10	59	55
22	25	35	40	50	50	55	56	58	78	0-1	18	13-14	60	43
27	30	46	59	68	73	81	69	58	83	22-23	21	12-13	62	46
38	36	38	37	29	43	55	49	56	84	5-6	27	20-21	57	53
18	21	25	31	40	48	56	65	71	98	5-6	14	13-14	84	45
21	23	26	33	47	84	90	92	92	90	3	14	10-11	76	51
11	14	22	26	22	21	25	23	27	94	1	11	16	83	39
38	41	46	54	76	72	67	55	59	76	20	20	13-14	56	41
55	86	83	77	76	83	90	91	96	96	24	17	14-15	79	65
26	25	28	39	49	51	57	66	69	98	5	21	15	77	61
25	32	37	44	60	75	69	84	87	82	8-9	24	15-16	58	61
40	45	49	54	60	63	69	72	71	99	3	27	15-16	72	67
25	28	32	50	63	69	72	79	84	84	24	13	13	71	49
95	89	87	91	92	94	95	95	95	96	15-16	67	11-12	29	88
65	64	63	61	65	68	71	74	77	96	0-1	61	19	35	78
58	61	67	73	74	94	94	94	95	95	24	51	14	44	72
65	54	48	48	49	51	54	56	62	99	9	48	18-19	51	78
41	42	41	48	56	61	66	73	84	85	5	39	17-18	46	60
42	43	46	49	57	66	73	81	82	100	4,5	39	13-14	61	64
42	41	45	54	62	66	75	75	78	94	4-5	38	13	56	62
35	37	42	50	58	65	69	70	72	88		27		61	56

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
6.4	5.8	6.2	6.4	6.4	6.4	7.0	7.4	7.8	13.5	7	4.8	13,14	8.7	7.7
6.4	7.2	6.6	7.4	8.8	7.8	7.2	7.0	6.4	8.8	20	5.2	13	3.6	6.8
7.6	5.8	7.0	7.0	9.4	10.5	11.0	8.0	8.0	11.0	22	4.4	9	6.6	6.8
5.6	7.4	7.8	9.0	10.5	10.5	10.0	10.0	10.0	10.5	20,21	4.8	11	5.7	7.7
11.5	12.5	14.0	12.5	14.8	16.0	14.5	14.0	14.0	16.0	21	9.5	3-5	6.5	11.9
8.5	9.0	9.0	9.5	9.6	9.5	9.5	8.5	8.5	13.5	1	7.4	15	6.1	9.9
6.8	6.4	7.4	8.5	13.0	13.0	10.5	9.0	8.5	13.0	20,21	4.8	9	8.2	7.5
8.0	9.0	10.0	12.0	12.7	12.5	12.5	12.0	12.5	12.7	20	8.0	15,16	4.7	9.9
4.8	4.6	5.4	12.5	12.8	12.0	12.0	12.0	11.5	12.8	20	4.6	17	8.2	9.4
10.0	9.0	10.0	11.0	12.2	13.0	12.0	12.0	12.0	13.0	21	8.0	9	5.0	10.3
7.2	6.8	10.5	14.0	11.4	11.0	12.0	12.5	12.5	14.0	19	6.8	17	7.2	10.7
10.0	10.5	10.5	12.5	13.9	13.5	13.0	13.5	13.5	14.0	2	6.6	9	7.4	10.8
8.5	8.0	10.5	11.0	12.8	12.0	12.5	14.0	13.5	14.0	23	3.4	11	10.6	9.3
10.0	9.5	14.5	15.0	16.2	15.5	16.0	14.0	12.5	16.2	20	7.6	11	8.6	11.0
12.0	11.5	11.0	10.5	7.7	8.5	8.5	7.0	7.6	13.0	9	7.0	23	6.0	10.9
4.2	5.2	5.0	6.6	6.7	7.2	7.6	7.6	7.4	8.5	3-5	2.8	12	5.7	6.1
7.4	7.0	7.6	7.8	9.4	14.5	14.5	15.0	14.5	15.0	23	3.8	10	11.2	8.4
6.0	5.4	8.5	9.5	7.4	7.6	6.6	7.0	7.6	14.0	1	5.4	17	8.6	8.6
12.0	12.5	13.0	12.5	15.7	15.0	14.0	11.0	11.0	15.7	20	7.0	2,5	8.7	10.6
16.0	19.0	17.5	16.5	15.5	16.0	16.5	17.0	17.0	19.0	17	8.2	14	10.8	13.6
9.5	7.6	8.5	10.0	10.6	11.0	10.5	11.0	10.5	17.0	8	7.6	17	9.4	12.2
6.2	8.5	8.5	8.5	10.0	10.5	9.0	9.5	9.5	12.5	11	6.2	16	6.3	10.2
7.8	8.0	8.5	8.5	9.2	9.0	9.5	10.0	9.5	10.0	23	6.0	15	4.0	8.5
6.8	7.6	8.5	11.0	12.2	12.0	12.5	12.5	13.0	13.0	24	3.8	12	9.2	8.6
14.0	13.5	13.0	14.0	13.6	13.5	13.0	13.0	12.0	14.6	14	11.5	5	3.1	13.2
12.5	12.0	11.5	11.0	11.5	11.5	12.0	12.0	12.5	14.5	9,12	11.0	19	3.5	12.8
15.5	16.5	16.5	16.5	17.0	16.5	15.5	15.5	15.5	17.0	20	11.5	2,3	5.5	14.3
12.0	10.5	9.0	8.5	7.9	8.0	7.8	8.0	8.0	17.3	8	7.8	22	9.5	13.3
7.8	7.8	7.8	8.0	8.5	8.5	8.5	8.5	8.5	9.0	2,6,7	7.2	15	1.8	8.2
9.5	9.0	9.5	8.5	9.1	10.0	10.0	10.5	10.0	10.5	23	7.2	9,10	3.3	8.7
11.0	11.0	10.0	11.0	11.9	12.0	12.0	12.0	12.0	12.0	10,21-24	9.5	11	2.5	10.8
9.1	9.2	9.8	10.6	11.2	11.4	11.2	11.0	10.9	13.4		6.8		6.6	10.0

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 – 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	NW	24	NW	26	NW	20	NW	24	NW	22	NW	24	V	10	NW	14	V	29	SW	22	SW	20	S	24	S	21	S	27	S	26
2	E	2	Calma	0	Calma	0	Calma	1	SW	2	SW	3	V	4	V	4	S	5	S	6	SE	8	SE	6	E	4	NE	6	NE	7
3	NW	14	NW	20	NW	20	NW	18	NW	20	NW	18	NW	23	NW	25	NW	34	NW	30	NW	30	NW	24	NW	25	NW	24	NW	23
4	NW	14	NW	15	NW	16	NW	11	NW	9	NW	10	NW	11	NW	20	NW	31	NW	26	NW	26	NW	23	NW	26	NW	24	NW	20
5	NW	6	NW	4	V	5	V	2	NW	2	NW	4	NW	6	NW	4	NW	20	V	22	V	20	V	18	V	14	SE	9	SE	8
6	SE	6	SE	9	SE	10	SE	11	SE	10	SE	9	SE	14	SE	14	E	14	NE	14	NE	17	E	17	E	16	E	18	NE	18
7	NE	11	NE	11	NE	10	NE	9	E	6	E	10	E	14	E	15	E	23	E	19	NW	18	E	17	E	16	NW	18	NW	15
8	E	13	E	11	E	14	E	14	E	12	E	13	NW	20	NW	25	NW	28	NW	32	NW	22	NW	19	V	18	V	17	SW	9
9	SE	8	SE	4	SE	4	SE	3	SE	4	SE	3	SE	7	SE	9	SE	7	S	6	S	7	S	8	S	9	SE	9	SE	8
10	NE	5	NE	5	E	6	E	9	E	8	E	8	E	11	E	17	E	24	NE	15	E	10	SE	5	SE	3	SE		S	3
11	E	2	E	2	SE	2	SE	3	Calma	0	Calma	0	Calma	1	Calma	1	S	7	S	7	S	7	S	13	S	12	SE	12	SE	10
12	NE	10	NE	10	NE	10	NE	8	NE	7	NE	5	NE	11	NE	12	E	18	E	17	E	15	NW	14	NW	17	NW	16	E	14
13	E	9	E	12	E	10	E	12	NW	8	NW	9	V	11	V	11	V	17	V	22	V	23	V	21	V	20	V	15	SW	10
14	NE	10	NE	9	E	15	E	15	E	15	E	12	NW	10	NW	20	NW	19	NW	12	NW	15	NW	16	NW	20	NW	22	E	23
15	SE	5	E	8	E	5	E	5	Calma	1	NW	2	S	5	S	11	SE	14	E	11	NE	13	S	6	SW	8	V	12	S	13
16	SE	6	SE	8	SE	8	SE	9	SE	2	SE	2	SE	2	SE	5	S	7	S	14	S	15	SW	16	SW	19	SW	21	SW	19
17	E	6	E	6	NW	9	NW	9	V	8	V	6	V	7	V	9	V	16	SW	18	SW	15	SW	15	SW	13	SW	14	SW	14
18	NE	8	NE	9	NE	7	E	12	E	13	E	14	E	19	E	27	E	28	E	27	E	26	E	30	NW	28	NW	26	NW	20
19	NW	11	NW	11	NW	9	NW	8	NW	11	V	7	V	3	SW	8	V	9	NW	9	NW	9	V	8	V	11	V	9	SW	15
20	NE	5	S	3	Calma	0	E	3	Calma	1	NE	6	E	14	E	23	E	32	E	34	E	30	NW	28	NW	26	NW	22	NW	12
21	NE	3	Calma	1	SE	2	E	3	NE	3	Calma	0	Calma	1	Calma	0	E	7	NW	10	NW	12	NW	12	NW	9	NW	7	NW	8
22	SE	3	SE	2	S	4	SW	9	SW	14	SW	6	SW	6	SW	6	V	10	V	11	NW	10	NW	12	NW	21	V	15	V	15
23	S	3	Calma	0	Calma	0	SW	5	SW	4	Calma	1	S	4	S	5	S	9	S	5	S	5	S	8	S	5	S	5	S	6
24	NE	10	NE	10	E	12	E	16	E	18	E	15	E	13	E	19	E	22	E	20	NW	18	NW	16	NW	17	NW	18	E	20
25	NW	2	Calma	1	NW	3	NW	5	E	10	NW	17	NW	10	NW	6	NW	8	E	3	E	7	E	2	S	3	SE	5	S	4
26	S	5	S	7	S	8	S	6	E	8	S	4	S	5	S	7	S	11	S	7	SE	10	E	11	E	14	E	12	E	16
27	E	19	E	16	E	18	NE	14	NE	19	NE	19	NE	20	NE	18	NE	28	NE	24	NE	22	NE	22	NE	20	NE	16	NE	14
28	E	7	E	10	NE	6	NE	8	V	6	NW	6	SW	3	SW	4	SW	4	SW	6	SW	9	SW	12	SW	15	SW	17	SW	17
29	V	20	V	20	SW	16	SW	17	SW	13	SW	16	SW	20	SW	24	SW	20	SW	24	SW	18	SW	20	SW	18	SW	20	SW	15
30	Calma	1	Calma	0	Calma	0	Calma	1	Calma	1	Calma	0	Calma	1	SW	3	SW	5	S	5	S	4	S	8	S	6	SE	6	E	6
31	NE	6	NE	7	NE	7	NE	6	NE	7	NE	11	E	15	E	15	E	22	E	17	E	18	E	17	E	19	E	17	NW	19
DIRECCIÓN PREVALENTE	NE		NE		NW		E		E		NW		NW-E		NW		E		E-S		NW		NW		NW		NW		NW-SE	
NÚMERO DE HORAS	9		7		6		7		7		8		6		7		8		7		9		9		9		9		7	
PROM. HOR. DE LA VELOCIDAD		8		8		8		9		8		8		10		12		17		16		16		15		15		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
S	22	S	22	SE	16	SE	11	SE	10	SE	9	SE	6	E	4	Calma	1	NW	7	18	49	S	13.03
NE	13	NE	14	NE	15	E	10	E	9	NW	10	NW	10	NW	11	NW	12	NE	5	7	19	E	17.59
NW	24	NW	21	NW	17	NW	10	NW	6	NW	7	NW	9	NW	13	NW	18	NW	24	20	42	NW	8.04
NW	26	E	20	E	14	E	10	E	9	E	8	NW	7	NW	8	NW	8	NW	19	16	34	NW	8.50
SE	11	E	4	E	5	E	4	E	7	NE	4	E	4	Calma	1	Calma	1	NW	7	8	28	W	10.45
NE	16	NE	14	E	15	E	14	E	9	NE	12	NE	13	NE	13	NE	10	NE	9	13	25	E	14.08
NW	17	NW	17	NW	15	NW	9	NE	8	NE	6	E	9	E	18	E	15	E	11	14	26	E	8.52
SW	9	S	6	SE	2	SE	2	E	5	E	4	SE	2	SE	2	SE	4	NW E	6	13	40	NW	9.42
SE	9	SE	7	SE	6	E	8	NE	9	NE	6	NE	5	NE	7	NE	8	SE	14	7	16	S	12.05
S	2	NW	7	NW	3	Calma	1	Calma	1	E	3	Calma	0	Calma	0	Calma	1	E	9	6	23	E	8.08
SE	10	S	9	SE	7	NE	11	NE	9	NE	8	NE	8	NE	10	NE	11	S	7	7	21	S	11.49
E	17	NE	16	NE	16	NE	11	NE	10	NE	11	NE	10	NE	8	E	8	NE	15	12	22	NW	13.32
S	6	S	2	SE	6	E	6	E	4	NE	7	NE	8	NE	11	NE	10	W	6	11	35	W	10.23
E	22	E	18	E	13	E	9	E	6	E	5	NE	7	NE	8	SE	5	E	11	14	29	E	14.06
SW	12	SW	11	SW	11	SW	8	SW	9	S	17	SE	14	SE	11	SE	8	W SE	5	9	27	S	7.28
SW	18	SW	17	S	14	S	7	S	6	Calma	1	SE	2	Calma	1	Calma	0	SE	9	9	39	SW	13.44
SW	12	SW	10	S	9	SE	7	SE	4	E	6	E	7	E	7	E	7	SW	8	10	24	SW	13.50
NW	20	NW	20	E	14	E	14	NW	12	NW	15	NW	15	NW	18	NW	12	E	11	18	41	NW	22.24
SE	12	SE	8	NE	13	NE	16	NE	6	NE	5	NE	7	NW	16	NE	4	NW	8	9	46	SW	14.32
E	4	SE	21	SE	10	SE	7	SE	7	SE	7	SE	7	SE	5	E	2	SE	7	13	49	SW	15.57
S	12	S	10	S	8	S	4	Calma	1	SE	5	SE	4	SE	4	SE	4	NW	6	5	17	NW	10.55
SW	15	SW	14	SW	13	S	4	S	3	SW	2	E	14	E	14	E	7	SW	9	10	24	E	21.40
S	5	E	9	E	7	E	8	E	7	E	7	E	8	NE	12	NE	9	S	11	6	10	NE	22.21
E	29	E	30	E	22	E	24	E	22	E	16	NW	8	NW	6	W	4	E	15	17	37	E	16.32
S	5	SE	6	SE	9	S	6	E	7	SE	3	SE	4	S	4	S	5	NW	7	6	20	NW	5.48
E	15	SE	19	SE	17	SE	15	E	18	E	18	E	18	E	18	E	15	E	11	12	33	SE	16.48
E	14	E	13	E	15	E	14	NE	12	SW	24	SW	16	SE	16	SE	8	NE	13	18	56	SW	20.30
SW	21	SW	21	SW	17	SW	15	W	9	W	14	W	14	W	14	W	20	SW	13	11	33	SW	14.56
SW	17	S	13	S	15	S	10	S	7	S	5	S	4	S	4	S	2	SW	14	15	38	SW	1.07
NE	14	NE	12	NE	12	NE	10	NE	6	NE	7	NE	6	NE	5	NE	7	NE	9	5	15	NE	15.09
NW	22	NW	23	NW	21	E	16	E	14	E	13	E	10	E	12	E	10	NW	10	14	33	NW	11.39
SW		S		SE		E-E		NE-E		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
7		6		8		6		7		9		8		8		7		NW	141	11	DIRECCIÓN	DÍA	HORA
	14		14		12		10		8		8		8		9		8				E	1	de 13.25 a 13.30

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					1	4	5	52	6	142	2	42	2	39	7	154	1	434
2	2	19	5	55	2	6	2	14	2	11	2	5	2	8	4	43	3	162
3															24	473		473
4	5	61													19	331		392
5			1	4	5	24	3	28					6	81	7	46	2	185
6			9	127	7	103	8	83										313
7	11	162	6	55											7	109		326
8	6	77			2	9	5	12	1	6	2	18	2	35	6	146		303
9			5	35	1	8	14	88	4	30								161
10	9	96	3	25			3	12	2	5					2	10	5	151
11	1	2	6	57	1	2	5	37	7	62							4	162
12	6	89	15	155											3	47		291
13	4	43	4	36	2	10	1	6	2	8	1	10	8	140	2	17		270
14	11	153	4	34			1	5							8	134		326
15			1	13	4	29	5	52	5	52	2	17	5	54	1	2	1	220
16							9	44	6	63	6	110					3	219
17	2	12			4	27	2	11	1	9	8	111	5	46	2	18		234
18	11	224	3	24											10	186		434
19			6	51			2	20			2	23	6	47	8	84		225
20	6	136	2	11	2	6	7	64	1	3					4	88	2	309
21	1	7	2	6	1	3	5	19	4	34					6	58	5	130
22					3	35	2	5	3	11	9	85	4	51	3	43		230
23			2	21	6	46			11	60	2	9					3	137
24	15	298	2	20											7	87		405
25	4	22			1	7	5	27	6	27					7	51	1	135
26					11	163	4	61	9	60								284
27			13	250	7	109					4	64						423
28			2	14	2	17					13	161	6	77	1	6		275
29									8	60	14	258	2	40				358
30			9	79	1	6	1	6	4	23	2	8					7	126
31	8	140	6	44											10	160		344
SUMAS	102	1541	106	1116	63	614	89	646	82	666	69	921	48	618	148	2293	37	8437
% PREVAL POR VELOCIDAD	18.3		13.2		7.3		7.6		7.9		10.9		7.3		27.2		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		10		10		7		8		13		13		15		0	270

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	9	4	5	2	0	1	6	1
1 - 2	4	7	3	4	2	0	1	5	5
2 - 3	5	5	2	5	2	1	1	6	4
3 - 4	7	5	2	4	1	3	1	6	2
4 - 5	7	4	1	3	0	4	2	6	4
5 - 6	6	4	0	3	1	3	2	8	4
6 - 7	6	2	0	3	3	3	5	6	3
7 - 8	6	2	0	3	3	5	3	7	2
8 - 9	8	1	1	2	5	3	5	6	0
9 - 10	7	3	1	0	7	4	3	6	0
10 - 11	6	3	0	2	5	4	2	9	0
11 - 12	4	1	2	2	6	4	3	9	0
12 - 13	2	1	3	1	6	5	4	9	0
13 - 14	1	2	2	6	2	4	5	9	0
14 - 15	3	3	2	3	5	7	1	7	0
15 - 16	3	3	3	4	6	7	0	5	0
16 - 17	3	4	3	5	6	5	0	5	0
17 - 18	4	4	4	8	4	3	0	4	0
18 - 19	6	4	6	5	5	2	0	2	1
19 - 20	5	7	7	3	3	1	1	2	2
20 - 21	5	9	4	4	2	2	1	3	1
21 - 22	2	8	5	7	1	1	1	5	1
22 - 23	2	8	4	5	2	0	1	6	3
23 - 24	3	7	4	5	2	0	2	4	4
SUMAS	108	106	63	92	81	71	45	141	37
% de frec. por dirección	14.5	14.2	8.5	12.4	10.9	9.5	6.0	19.0	5.0

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	Ci	1	Claro	0	Claro	0	Claro	0	Claro	0	97	96	98
2	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	7
3	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	8	6
4	Ci	1	Ci	6	Ci	3	Ci	6	Ci	2	8	8	9
5	Ci	7	Ci	1	Sc	7	Sc	7	Sc	7	6	7	7
6	Ci	1	Ci	6	Cs	5	Ac 1 Ci 6	7	Ci	1	6	7	7
7	Claro	0	Claro	0	Claro	0	Ci	2	Ci	6	9	9	9
8	Ac	4	Claro	0	Sc	7	Sc	6	Claro	0	8	8	8
9	Claro	0	Claro	0	Ci	1	Ci	3	Claro	0	9	9	7
10	Ac 4 Ci 2	6	As	8	As	8	Ac	7	Claro	0	8	7	7
11	Ci	1	Ci	1	Ac	4	Claro	0	Claro	0	7	8	7
12	Claro	0	Claro	0	Cu	2	Cu	1	Claro	0	9	7	7
13	Ci	7	Ac 2 Cc 4	6	Cu 2 Ac 2 Ci 1	5	Cu 6 Ci 1	7	Ac	7	7	8	6
14	Cu	7	Ac	1	Cu 1 Ci 1	2	Ac	1	Ci	2	8	7	7
15	St	8	Cu 4 Ac 2	6	As	8	Cu 2 Ac 2 Ci 3	7	Claro	0	8	8	9
16	Claro	0	Ci	1	Ci	3	Cu	1	Claro	0	9	7	8
17	Claro	0	Claro	0	Cu	1	Ci	1	Claro	0	7	8	7
18	Claro	0	Claro	0	Claro	0	Ac 2 Cu 3	5	Cu	2	9	5	5
19	Ac	4	Cs	7	Sc	8	Cb	6	St	6	8	8	7
20	Ci	2	Ci	3	Cu	5	St	7	Sc 4 As 3	7	8	8	9
21	Sc	8	Sc	3	Sc	3	Claro	0	Ci	1	6	8	9
22	Ns	8	Sc	8	Cu 3 Ac 3	6	Cu	2	St	3	7	8	8
23	St 6 Ac 2	8	Ac	5	Cu	3	Ac	3	Claro	0	8	9	8
24	Sc	7	Ac	3	Sc	6	St	7	Claro	0	8	8	7
25	St	7	St	7	Ns	8	Sc	8	Sc	5	8	7	8
26	St	8	Fc	8	Cu	7	Cu	3	Ac	1	6	8	8
27	Cu 1 Ac 1	2	Ac	1	Cu 2 Ac 4	6	Cu 2 Ac 1	3	St	8	8	8	8
28	St	8	Ns	8	Sc	8	Ci	2	Claro	0	6	8	8
29	Sc	7	Cu	5	Cu	4	Cu	2	Claro	0	9	8	8
30	Claro	0	Claro	0	Claro	0	Claro	0	Ci	1	9	8	8
31	Sc	8	Sc 2 Ci 2	4	Cb	6	Sc 3 Ac 1	4	Claro	0	9	7	9
Prom.		4		3		4		4		2			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	51.4	31.5	1.62	2	5	5	
	10	53.4	32.3	1.72	1	5	5	
	12	53.1	32.5	1.62	0	5	4	B.
	14	53.1	32.6	1.67	0	5	4	B.
	15	49.9	30.9	1.54	0	5	4	B.
2	9	48.0	26.0	1.79	0	5	5	
	10	49.7	27.5	1.80	0	5	5	
	12	51.4	29.5	1.78	0	5	5	
	14	51.7	30.7	1.71	0	5	5	
	15	49.6	30.4	1.56	0	5	5	
3	9	52.3	32.0	1.65	0	5	5	
	10	54.7	34.0	1.68	0	5	5	
	12	57.0	36.9	1.63	0	5	5	
	14	56.7	37.0	1.60	0	5	5	
	15	51.3	36.9	1.17	0	5	5	
4	9	54.4	34.9	1.58	1	5	5	
	10	59.0	37.5	1.75	3	3	5	
	12	61.4	40.0	1.74	6	5	5	
	14	58.9	40.4	1.50	2	5	5	
	15	58.1	40.0	1.47	3	5	5	
5	9	55.9	37.9	1.46	0	5	4	B.
	10	59.2	40.5	1.52	0	5	5	B.
	12	59.3	41.1	1.48	3	3	4	B.
	14	38.5	34.0	0.36	7	0	4	
	15	35.5	33.0	0.20	6	0	4	
6	9	46.5	28.4	1.47	2	4	3	B.
	10	48.8	29.5	1.57	7	4	3	B.
	12	47.5	29.6	1.46	7	3	4	B.
	14	51.5	31.1	1.66	5	5	4	B.
	15	46.5	29.0	1.42	7	5	4	
7	9	49.5	28.7	1.69	0	5	5	
	10	52.0	31.0	1.71	0	5	5	
	12	54.4	33.7	1.68	0	5	5	
	14	54.4	34.9	1.58	0	5	5	
	15	54.0	34.8	1.56	1	5	5	
8	9	51.2	30.0	1.72	6	2	5	
	10	48.7	30.5	1.48	8	3	5	
	12	49.8	32.2	1.43	8	1	5	
	14	38.5	29.5	0.73	7	0	5	
	15	41.4	31.0	0.84	7	0	5	
9	9	47.5	26.0	1.75	0	5	5	
	10	49.8	28.0	1.77	0	5	5	
	12	52.5	31.1	1.74	0	5	5	
	14	54.4	33.1	1.73	4	5	5	
	15	53.0	33.1	1.62	2	5	5	
10	9	41.9	26.4	1.26	7	1	5	
	10	41.9	27.0	1.21	8	0	5	
	12	49.5	30.6	1.54	8	0	5	
	14	38.0	27.8	0.83	8	0	5	
	15	34.0	26.6	0.60	8	0	4	
11	9	52.2	31.8	1.66	1	5	5	
	10	54.4	33.8	1.67	1	5	5	
	12	56.0	35.5	1.67	0	5	5	
	14	55.8	35.6	1.64	4	5	5	
	15	54.5	35.5	1.54	1	5	5	
12	9	51.0	30.9	1.63	0	5	5	
	10	53.3	32.5	1.69	0	5	5	
	12	54.8	34.5	1.65	0	5	5	
	14	55.0	35.9	1.55	2	5	5	
	15	51.8	34.5	1.41	7	4	5	
13	9	54.0	34.6	1.58	7	4	5	
	10	53.4	34.7	1.52	7	3	5	
	12	56.2	38.0	1.48	7	3	5	
	14	49.1	36.5	1.02	7	1	5	
	15	50.4	36.5	1.13	7	3	5	
14	9	45.6	30.5	1.23	6	3	5	
	10	56.7	35.9	1.69	6	4	5	
	12	57.9	39.5	1.50	2	5	4	B.
	14	57.9	39.5	1.50	2	5	4	B.
	15	55.8	38.8	1.38	2	5	4	B.
15	9	29.5	24.0	0.45	8	0	4	
	10	28.5	23.9	0.37	7	0	4	
	12	50.6	34.0	1.35	7	2	5	
	14	47.2	34.0	1.07	8	1	5	
	15	47.4	33.5	1.13	8	1	5	
16	9	47.6	26.6	1.71	0	5	5	
	10	50.7	28.6	1.80	0	5	5	
	12	51.6	30.8	1.69	4	5	5	
	14	52.0	31.5	1.67	3	5	5	
	15	50.6	31.4	1.56	0	5	5	B.
17	9	53.2	33.1	1.63	0	5	4	B.
	10	55.8	35.2	1.67	0	5	4	B.
	12	57.8	37.4	1.66	1	5	5	
	14	56.6	37.2	1.58	1	5	5	
	15	54.9	36.0	1.54	0	5	5	
18	9	51.9	31.9	1.63	0	5	5	
	10	54.7	34.6	1.63	0	5	4	B.
	12	58.2	38.0	1.64	0	5	4	B.
	14	56.9	39.9	1.38	0	5	4	B.
	15	59.3	41.7	1.43	1	5	5	
19	9	54.9	36.0	1.54	6	5	4	B.
	10	55.9	37.9	1.46	6	5	4	B.
	12	58.0	40.6	1.41	7	4	4	B.
	14	43.7	36.5	0.58	8	0	4	B.
	15				8	0	2	B.,Am.
20	9	52.6	34.4	1.48	2	5	4	B.
	10	55.0	36.0	1.54	8	4	4	B.
	12	58.9	40.3	1.51	6	4	5	
	14	53.4	41.0	1.01	5	3	5	
	15				8	0	5	Am.
21	9				8	0	5	Am.
	10				8	0	5	Am.
	12	53.9	34.3	1.59	3	3	5	
	14	55.2	37.0	1.48	3	3	5	
	15	56.1	37.8	1.49	3	5	5	
22	9				8	0	5	LL.
	10				8	0	4	LL.
	12	37.2	29.1	0.66	7	1	5	
	14	52.9	33.5	1.58	6	3	5	
	15	49.0	32.6	1.33	4	5	5	
23	9	37.2	20.5	1.36	6	1	5	
	10	46.0	24.3	1.76	5	3	5	
	12	49.0	27.5	1.75	1	5	5	
	14	49.5	29.2	1.65	3	5	5	
	15	38.1	26.4	0.95	5	3	5	
24	9	45.0	27.0	1.46	6	3	5	
	10	52.5	32.4	1.63	2	5	4	B.
	12	52.4	35.0	1.41	7	2	5	
	14	54.6	36.7	1.46	6	3	5	
	15	40.4	31.6	0.72	8	0	4	B.
25	9				7	0	4	Am.
	10				8	0	4	Am.
	12				8	0	4	LL.
	14				8	0	3	LL.
	15				8	0	4	LL.
26	9	26.6	21.1	0.45	8	0	3	Ne.
	10	27.0	22.1	0.40	8	0	3	Ne.
	12	30.6	23.4	0.58	8	0	3	Ne.
	14	44.4	28.6	1.28	7	3	5	
	15	43.1	27.9	1.24	7	1	4	
27	9	50.0	28.5	1.75	3	5	5	
	10	49.3	29.1	1.64	0	5	5	
	12	55.8	34.1	1.72	6	5	5	
	14	46.0	32.5	1.10	6	1	5	
	15	46.4	32.9	1.10	5	2	5	
28	9				8	0	3	Ne.
	10				8	0	4	LL.
	12				8	0	4	Am.
	14				8	0	4	Am.
	15				8	0	5	Am.
29	9	41.4	22.0	1.21	3	3	5	
	10	38.9	22.6	1.33	4	1	5	
	12	50.3	27.2	1.88	5	3	5	
	14	42.9	25.6	1.41	4	3	5	
	15	47.1	27.2	1.62	4	3	5	
30	9	47.5	26.2	1.73	0	5	5	
	10	49.1	27.4	1.76	0	5	5	
	12	50.7	29.5	1.72	0	5	5	
	14	50.0	30.1	1.62	0	5	5	
	15	48.4	29.6	1.53	0	5	5	B.
31	9	36.1	24.5	1.35	6	0	5	
	10	51.9	30.9	1.71	4	5	5	
	12	49.7	32.5	1.40	6	4	5	
	14	43.4	30.8	1.02	6	0	5	
	15	40.7	30.1	0.86	7	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	0.1	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.1	14.2	78
2	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	0.7	13.3	14.2	94
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		12.1	14.2	85
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	0.8	0.2	12.1	14.2	85
5		0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.6		0.1	0.1		7.6	14.2	54
6		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.2	11.9	14.2	84
7	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9		12.0	14.2	84
8		0.5	0.9	0.9	1.0	1.0	0.6	0.6	0.3	0.6	1.0	1.0	0.5		8.9	14.3	62
9	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	14.3	86
10		0.9	1.0	0.9	0.7	0.1	0.2	0.6	0.1			1.0	0.1		5.6	14.3	39
11		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.9	14.3	76
12		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			11.0	14.3	77
13	0.1	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.4	0.8	1.0	0.4		10.5	14.3	73
14			0.9	0.3	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7		9.3	14.3	65
15			0.5	0.1	0.4	1.0	1.0	0.4	0.3	0.9	1.0	0.9			6.5	14.3	46
16	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	14.3	85
17			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	14.3	74
18	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	14.3	76
19		0.3	0.7	0.9	1.0	1.0	1.0	1.0	0.4	0.1	0.4		0.1		6.9	14.3	48
20		0.7	0.8	0.8	1.0	1.0	1.0	1.0	1.0	0.2					7.5	14.3	52
21		0.5	0.2		0.3	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0		8.0	14.3	56
22							0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.2	6.1	14.3	43
23		0.4		0.1	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0.3			6.9	14.3	48
24					0.2	0.2	0.4				0.2	0.1			1.1	14.3	08
25			0.9	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.1			7.8	14.3	55
26							0.1	0.7	0.9	1.0	0.9	1.0	1.0	0.7	6.3	14.3	44
27	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.8		12.0	14.3	84
28										0.6	0.8	1.0	1.0	0.6	4.0	14.3	28
29	0.6	0.5	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.7	12.3	14.3	86
30	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	0.7	13.3	14.3	93
31	0.4	1.0			0.6	1.0	1.0	1.0	0.8	0.9	0.4	0.5	1.0	0.6	9.2	14.3	64
Medias	0.1	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.6	0.2	9.4	14.3	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	22.1	26.8	24.0	21.4	24.8	23.5	20.9	21.6	22.0	20.5	21.4	21.8	23.5	23.5	23.4
2	20.0	26.0	23.2	19.6	24.0	22.7	19.9	20.7	21.6	21.1	20.9	21.0	23.4	23.3	23.2
3	20.9	26.8	24.4	20.3	24.4	23.6	20.1	20.9	22.0	21.0	21.0	21.9	23.3	23.2	23.3
4	22.3	27.9	25.4	21.4	25.3	24.6	20.9	21.8	22.6	21.6	21.7	22.2	23.6	23.6	23.6
5	23.6	29.0	26.4	22.6	26.5	25.4	21.8	22.8	23.5	22.3	22.4	23.1	24.1	24.1	24.3
6	23.3	28.0	25.1	22.9	26.1	24.9	22.2	22.8	23.4	22.8	22.7	23.0	24.5	24.5	24.4
7	21.6	28.8	25.2	21.1	26.2	24.7	21.3	22.1	23.2	22.3	22.2	22.8	24.5	24.4	24.4
8	22.5	27.6	25.3	21.9	25.1	24.6	21.6	22.3	22.9	22.4	22.4	22.6	24.5	24.4	24.4
9	21.9	29.2	26.0	21.4	26.8	25.5	21.4	22.4	23.4	22.4	22.2	22.7	24.4	24.4	24.3
10	22.0	26.5	24.4	21.6	24.6	24.0	21.6	22.1	22.6	21.5	22.3	22.4	24.6	24.4	24.4
11	23.0	29.8	25.8	21.6	27.2	25.4	21.3	22.6	23.6	22.2	22.2	22.9	24.4	24.4	24.4
12	21.1	30.1	26.5	22.4	27.4	26.0	22.1	23.0	24.1	22.8	22.7	23.4	24.7	24.7	24.7
13	23.4	29.8	27.3	22.8	27.1	26.3	22.4	23.1	24.2	23.0	23.0	23.6	25.0	25.0	25.0
14	24.2	30.7	28.4	26.7	27.9	27.2	23.0	23.7	24.7	23.4	23.4	24.0	25.2	25.3	25.3
15	23.9	28.6	26.6	23.7	26.5	26.1	23.2	23.5	24.4	23.8	23.5	24.1	25.6	25.6	25.5
16	22.0	29.1	25.1	21.9	26.9	25.1	22.2	23.0	23.9	23.2	23.1	23.8	25.4	25.3	25.3
17	22.0	30.4	26.2	21.6	27.4	25.9	21.9	23.0	24.3	23.0	22.9	23.7	25.3	25.2	25.2
18	23.4	30.5	28.0	22.7	27.5	25.5	22.6	23.7	24.8	23.4	23.5	24.2	25.5	25.5	25.5
19	25.2	32.1	28.7	24.5	29.3	27.7	23.7	28.4	25.5	24.2	24.2	24.8	25.9	25.9	26.0
20	24.2	30.7	26.5	24.1	27.9	26.1	23.8	24.4	24.9	24.4	24.3	24.6	26.3	26.2	26.1
21	24.1	28.1	26.0	23.6	26.5	25.8	23.1	23.6	24.4	23.9	23.8	24.1	26.1	25.9	25.8
22	22.6	24.8	24.1	22.6	23.6	24.0	22.6	22.1	22.8	23.5	23.0	23.0	25.8	25.6	25.3
23	20.0	27.1	24.2	20.2	25.3	24.2	20.9	21.6	22.7	22.3	22.0	22.6	25.1	24.9	24.8
24	21.1	28.7	25.8	20.8	25.6	24.9	21.0	22.0	23.0	22.3	22.3	22.8	24.9	24.9	24.8
25	22.0	23.4	22.6	21.9	22.8	22.3	21.7	21.6	21.4	22.4	22.2	22.1	24.9	24.7	24.6
26	21.0	24.2	22.5	20.7	22.6	22.5	20.4	20.8	21.5	21.5	21.2	21.7	24.2	24.0	24.0
27	21.2	28.5	26.4	20.7	25.5	25.3	20.4	21.4	22.7	21.3	21.3	22.0	23.9	23.9	23.9
28	22.7	23.4	22.4	22.2	22.7	22.5	22.2	21.4	21.8	21.9	21.8	22.0	24.1	24.0	24.0
29	19.3	24.8	22.4	19.4	23.0	22.4	19.8	20.2	21.0	21.1	20.8	20.1	23.7	23.5	23.4
30	19.3	26.6	23.6	19.0	24.3	23.5	19.5	20.6	21.6	20.8	20.8	21.3	21.4	21.3	23.2
31	20.8	27.3	24.2	20.4	24.5	23.6	20.3	21.1	22.0	21.2	21.2	21.6	23.6	23.5	23.6
Prom.	22.2	27.9	25.2	21.8	25.7	24.7	21.6	22.4	23.1	22.4	22.3	22.8	24.6	24.5	24.5

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	0.8	1.2	0.5	0.7	0	3.8	3.6	3.1	7.6							9100
2					0	0.9	1.6	2.9	8.2							9101
3					0	3.7	6.5	4.1	14.5	LL.5	7.1	7.7	14.2			9115
4					0	3.9	6.0	4.0	12.2							9119
5					0	2.2	4.6	2.0	8.2							9122
6	0.0	0.0	0.0	0.0	0	1.6	2.2	2.3	6.8							9133
7					0	2.3	3.8	3.2	9.4							9134
8					0	2.4	3.3	2.1	6.2							9144
9					0	0.8	2.2	2.2	6.1	LL.6	5.6	7.2	14.6			9145
10					0	1.7	2.1	1.6	4.1							9155
11					0	0.4	2.9	2.7	7.1							9160
12					0	1.5	3.7	2.8	8.7							9166
13					0	2.2	5.8	2.7	12.3	LL.7	5.0	5.4	14.4			9177
14					0	3.8	4.6	3.6	9.8							9178
15	0.0	0.0	0.0	0.0	0	1.6	1.9	2.7	6.7							9188
16	0.0	0.0	0.0	0.0	0	2.1	3.4	3.2	7.9							9199
17					0	1.3	4.4	3.8	10.0							9199
18					0	1.8	4.5	6.0	16.1	LL.8	6.9	6.7	16.0	15.7		9205
19					0	5.6	3.8	2.6	7.9							9208
20	0.4	0.8	0.0	0.0	2	1.5	4.7	1.6	6.7							9211
21	6.1	6.4	-	5.8	1	0.4	2.2	2.9	6.7							9223
22	0.2	0.4	0.3	0.4	1	1.6	1.3	2.6	4.5							9228
23					0	0.6	1.4	1.6	4.7	-	-	-	-			9235
24					0	1.7	4.0	3.9	8.9							9234
25	2.5	3.5	2.3	2.1	1	1.0	0.4	0.3	0.8							9245
26	17.9	17.8	17.6	17.2	2	0.1	0.8	1.3	3.7							9241
27					1	1.6	1.9	1.8	4.0							9256
28	47.5	48.9	48.3	43.8	2	0.3	0.3	1.8	4.0	-	-	-	-			9244
29					1	1.9	2.1	2.1	5.2							9258
30					1	1.0	2.1	1.7	4.7							9262
31	0.0	0.0	0.0	0.0	0	0.9	2.3	2.6	6.1							9266
Prom.	75.4	79.0	-	70.0	-	1.7	3.1	2.6	7.4	-	-	-	-	-	-	9188

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		
23.1	23.1	23.0	20.9	21.0	21.0	18.4	17.4	14.4	Ca. m. t. y n., Ru. m., B. t.
23.1	23.1	23.0	21.0	21.0	21.0	18.4	17.4	1.2	Ca. m. t. y n.
23.3	23.3	23.2	21.0	21.1	21.1	18.6	17.4	7.1	Ca. m. t. y n., Tv. m.
23.2	23.2	23.5	21.0	21.1	21.1	18.7	17.4	8.0	Ca. m. t. y n.
23.6	23.7	23.8	21.2	21.2	21.3	18.9	17.5	12.5	Cn. m. t. y n., B. m., R. n.
24.0	24.0	23.9	21.3	21.3	21.4	18.8	17.5	13.7	Ca. m. y n., Cn. t., B. m. y t.
24.0	24.0	23.9	21.4	21.5	21.5	19.0	17.6	8.8	Ca. m. y t., Cn. n.
24.0	24.0	23.9	21.6	21.6	21.6	19.0	17.5	11.8	Ca. m. y n., Cn. t., R. n.
24.0	24.0	23.8	21.5	21.7	21.7	19.0	17.7	7.0	Ca. m. y n., Cn. t.
24.0	24.1	23.9	21.6	21.7	21.8	19.1	17.7	8.2	Cn. m. y t., Ca. n.
24.0	24.0	23.8	21.8	21.8	21.8	19.1	17.7	9.5	Cn. t., Ca. m. y n.
24.1	24.2	24.2	21.9	21.9	21.8	19.2	17.7	11.2	Ca. m. t. y n., B. t.
24.4	24.5	24.5	21.9	22.0	22.0	19.3	17.8	11.0	Cn. m. t. y n., B. m.
24.7	24.8	24.6	22.0	22.1	22.2	19.4	17.8	16.4	Cn. m., Ca. t. y n., B. t.
25.0	25.0	24.9	22.2	22.3	22.3	19.5	17.9	13.7	Cn. m. y t., Ca. n., CH. m.
24.8	24.7	24.7	22.2	22.3	22.3	19.6	17.9	4.5	Ca. m. t. y n.
24.8	24.8	24.6	22.3	22.4	22.4	19.6	18.0	7.3	Ca. m. t. y n., B. m.
24.9	25.0	24.8	22.4	22.5	22.5	19.5	18.0	11.1	Ca. m. y n.,Cn. t.,B. t. y n.,Tv. m.,Tp. m.
25.3	25.3	25.2	22.5	22.6	22.6	19.8	18.1	15.2	Cn. m. t. y n., B. t., LL. m.
25.5	25.4	25.4	22.7	22.7	22.8	19.8	18.0	14.9	Ca. m., Cn. t. y n., CH. m. y n.
25.5	25.5	25.1	22.9	22.9	22.8	19.8	18.1	14.5	Cn. m., Ca. t. y n., LL. m.
25.2	25.2	24.9	22.9	22.9	22.9	20.0	18.1	13.3	Cn. m. y t., Ca. n., LL. m.
24.7	24.5	24.3	22.7	22.9	22.8	20.0	18.2	4.8	Cn. m., Ca. t. y n., r. m.
24.5	24.5	24.3	22.7	22.8	22.7	20.0	18.2	9.9	Cn. m. y t., Ca. n.
24.3	24.3	24.1	22.7	22.8	22.8	20.0	18.2	13.8	Cn. m. t. y n., LL. m. y t., Z. m.
23.9	23.8	23.4	22.7	22.7	22.6	20.0	18.2	14.2	Cn. m. y t., Ca. n.
23.4	23.4	23.3	22.6	22.6	22.6	20.2	18.3	15.5	Ca. m., Cn. t. y n., LL. n.
23.5	23.5	23.4	22.6	22.6	22.6	20.3	18.4	19.6	Cr. m, y t., Ca. n., Ne. m.
23.1	23.1	22.8	22.9	22.5	22.5	20.3	18.4	10.9	Cn. m. y t., Ca. n.
22.9	22.9	22.7	22.3	22.4	22.4	20.4	18.4	5.4	Ca. m. t. y n., B. t.
23.1	23.1	23.1	22.4	22.3	22.3	20.3	18.4	10.6	Cn. m. y t., Ca. n., CH. t.
24.1	24.1	24.0	22.1	22.1	22.1	19.5	17.9	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	54.9	62.6	2	8	48.2	4	19	22.2	29.6	13.3	37.0	5	12	5.2	2	5-6	10.7	14.2	75
2ª	52.8	57.2	12	8-9	45.8	20	15	24.2	33.3	15.6	38.4	20	14-15	9.9	16	5-6	9.6	14.3	67
3ª	52.3	61.2	30	8	45.9	24	17	20.0	26.5	13.9	33.0	21	14-15	7.8	30	5	7.9	14.3	55
MES	53.3	62.6	2	8	45.8	20	15	22.1	29.7	14.3	38.4	20	14-15	5.2	2	5-6	9.4	14.3	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	49	100	2,10	11	4	8.8	16.0	4.4	NW	17	44	1	34	3	8-9	49	S	1	13.03	1.2	1.2	1	-	-	-
2ª	50	100	11	11	18	10.0	19.0	2.8	N,NE	16,9	36	13,14,16, 18,20	34	20	9-10	49	SW	20	15.57	0.8	0.8	20	-	-	-
3ª	67	100	30	13	24	11.0	17.3	3.8	S	6	36	24,27,28 29,31	28	27	8-9	56	SW	27	20.30	77.0	48.9	28	20.0	27	21-22
MES	56	100	2,10, 11,30	11	4,18	10.0	19.0	2.8	NW	16	44	1	34	3,20	8-9 9-10	56	SW	27	20.30	79.0	48.9	28	20.0	27	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	4	3	-	-	-	-	-	1	-	-	1	-	-	-	1	1	2
2ª	5	6	-	-	-	1	-	3	-	-	1	-	-	-	-	-	-
3ª	6	1	1	-	-	-	-	4	2	-	1	-	-	-	-	-	1
MES	15	10	1	-	-	1	-	8	2	-	3	-	-	-	1	1	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	2	-	10	2
2ª	-	-	-	-	-	-	-	-	-	-	-	6	4	-	10	4
3ª	1	-	-	-	-	-	-	-	-	-	-	4	7	-	6	-
MES	1	-	-	-	-	-	-	-	-	-	-	18	13	-	26	6

Typis privatis Spec.Phys.comm.Sanct.Michaelis