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

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

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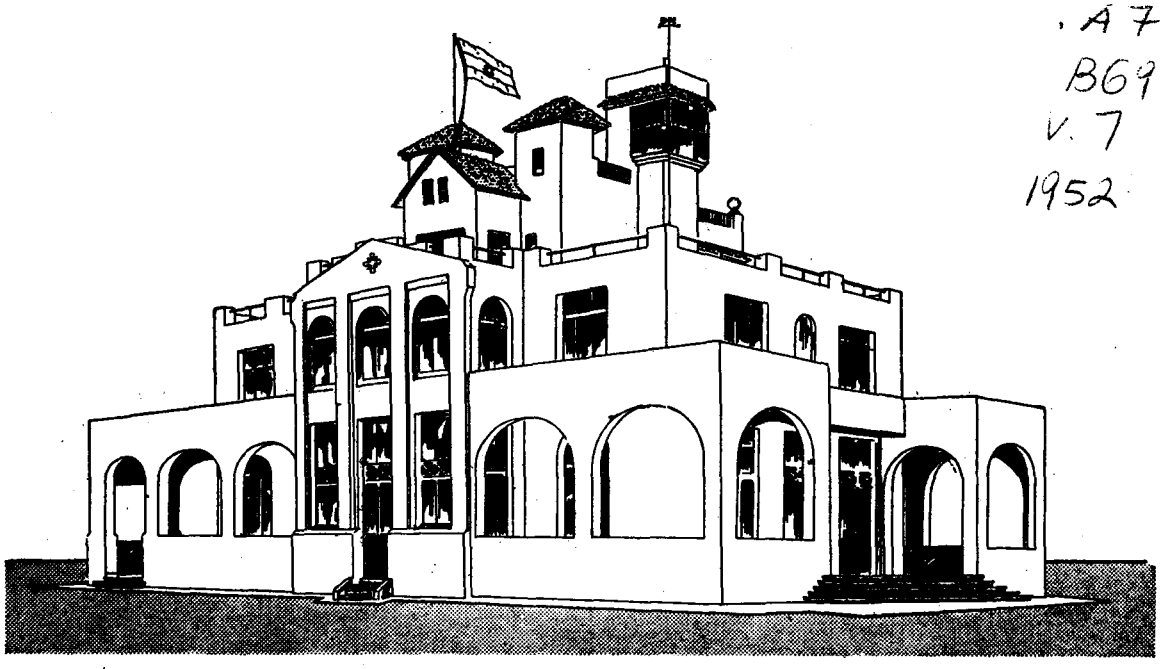

BOLETIN MENSUAL

VOLUMEN VII

AÑO 1952

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National Oceanic and Atmospheric Administration

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OBSERVADORES Y CALCULISTAS:

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LINDOLFO MERMET

APRECIACIÓN GENERAL DE LAS OBSERVACIONES

I. DATOS DIVERSOS

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

Lat. geográfica, φ = 34° 33' S;

Long. geográfica, λ = 58° 44' W de G.

. Aceleración de la pesantez (corrección por gravedad): g = -0.75.

. Diferencia entre la hora local y la hora de Greenwich: ΔG = 3h 55m.

. Altura del Observatorio sobre el nivel del mar: Hs = 27.4 m.

5. Los cómputos climatológicos se han realizado en base a las observaciones efectuadas a las 8.00, 14.00 y 20.00 horas. (Hora legal argentina del meridiano 60° huso XX).

6. Símbolos adoptados: si no se expresa lo contrario las letras y símbolos que distinguen a los elementos meteorológicos, responden a lo sancionado en la conferencia de directores del mundo (Resolución XX, Varsovia, setiembre 1935), y en la II^{a}. Reunión de la Comisión Regional III^{a} (Montevideo, febrero 1939), según Resolución XIII.

II. REGISTROS ELÉCTRICOS

. Potencial Atmosférico.

a) El potencial atmosférico (P) se mide independientemente con dos electrómetros de cuadrantes y registro de puntos sobre cinta entintada de diseño y fabricación propios. Los captadores de Ionio están muy cerca del nivel del techo plano del edificio de geoelectricidad a 2.70 m. sobre el nivel del suelo y a 0.60 m. de distancia de la pared. Uno de ellos tiene más o menos tres veces mayor sensibilidad que el otro.

Los valores numéricos consignados en tablas están corregidos con los correspondientes coeficientes en comparación con medidas absolutas hechas simultáneamente a un metro de altura en terreno llano y despejado. Los valores indican el potencial absoluto reducido a volts por metro (V/M). En los promedios sólo se toman en cuenta los días completos del tipo "0" y "1", desechándose los valores que por cualquier causa fueran dudosos.

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

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

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

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

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

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

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

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

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

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

* : Día incompleto.

2. Ionización del aire.

a) En este capítulo se incluyen los registros continuados de conductibilidad, iones livianos, iones pesados y núcleos Aitken. La entrada de aire para todos menos el último está en el techo del edificio de geoelectricidad a 3.20 m. sobre el nivel del suelo y a 0.40 m. de altura sobre el techo plano. La boca misma de entrada está protegida por un amplio sombrero metálico conectado a tierra que

sirve de blindaje electrostático para anular el efecto del potencial en la entrada de iones. El aire es aspirado después de pasar por los contadores por una serie de bombas (una para cada aparato) accionadas por un motor sincrónico. El registro mismo se hace por medio de electrómetros de cuadrantes del tipo Dolezalek con inscripción fotográfica en papel sensible. Estos han sido diseñados y construídos en el Observatorio y llevan los números 1 a 5. Además de las medidas que cada aparato realiza, en todos ellos queda grabado cada hora el control del punto cero y la aislación del sistema. Cuando por cualquier causa se pierde un valor ello se indica en las tablas por una raya.

b) La conductibilidad (λ) se mide en forma continuada con un aparato condensador de Gerdien. Cada hora se toman dos valores de conductibilidad positiva y dos de conductibilidad negativa en forma alternada indicándose en las tablas el promedio de los dos valores. Los valores tabulados en tablas separadas para cada signo indican la conductibilidad en U.E.S. por 10^{-4}

c) El número de iones livianos (n) se mide en forma continuada con dos contadores de iones del tipo Ebert-Marche de diseño y fabricación propios. Cada uno mide un signo diferente y dá dos valores por hora que luego se promedian y anotan separadamente en las tablas. Los valores indican el número de iones por centímetro cúbico.

d) El número de iones pesados (N), se mide en forma continuada con un contador adaptado para esos iones del tipo Ebert-Marche, de diseño y construcción propios. Cada hora el aparato da un valor para cada signo. Estos valores se consignan en tablas aparte y expresan el número de iones por centímetro cúbico.

e) En relación con los iones livianos y pesados se mide también los núcleos Aitken. Esta medida se hace manualmente una vez por día entre las 13.30 y 14 horas (hora solar). Se usa un contador de núcleos Aitken de la casa Casella de Londres, modelo 1948, número 681. El aparato se coloca al aire libre sobre un trípode de un metro de altura cerca del edificio de geoelectricidad. Los valores que van anotados en la tabla indican el número de núcleos Aitken por centímetro cúbico de aire.

3. Resúmen del estado eléctrico del aire.

a) Estos datos se obtienen tomando en cuenta los promedios diurnos de los diversos registros y aunque son de gran interés, debe tenerse en cuenta sus limitaciones por la misma forma estadística y global usada para su confección.

b) Conductibilidad.- Para cada día se anota λ^+, λ^-, la suma de λ^+ y λ^-, y la relación de λ^+/λ^-.

c) Iones livianos.- Para cada día se anota n^+, n^-, la suma de n^+ y n^-, y la relación de n^+/n^-. Además se calcula la movilidad (K) de estos iones separadamente para cada signo tomando los promedios diurnos de conductibilidad y número de iones según la fórmula:

$$K = \frac{\lambda}{e \cdot n} \cdot \frac{1}{300}$$

Se expresa el valor de la movilidad en centímetros por segundo por volt por centímetro.

d) Iones pesados.- Para cada día se anota N^+, N^-, la suma de N^+ y N^-, y la relación de N^+/N^-.

e) La corriente vertical (i) se obtiene por cálculo los días en que el registro de conductibilidad y potencial son completos, según la fórmula:

$$i = P\,(\lambda^+ + \lambda^-) \cdot \frac{1}{30.000}$$

Para "P" y "λ" se toman los promedios diurnos de estos registros.- "i" va expresado en U.E.S. por 10^{-7} por cm^2.

III. CORRIENTES TELÚRICAS

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

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

c) Notación.- Los valores están reducidos a milivolts por kilómetro (MV/Km) y cuando no llevan

ningún signo son de sentido positivo. Cuando son de sentido negativo los valores llevan el signo menos (-). En las columnas verticales se indica además del promedio de la suma algebraica de los valores horarios, los valores correspondientes a la curva de variaciones por ser ésta de interés principal en las corrientes telúricas. Cuando por cualquier causa se ha perdido el registro se indica esto con una raya (—) en lugar del valor correspondiente. Algunos meses se trabaja usando las líneas largas, otros las cortas. Esto va indicado en el encabezamiento de las planillas.

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

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

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

Tipo "2".- Curva muy accidentada.

IV. REGISTROS METEOROLÓGICOS

Presión atmosférica.- Los valores consignados en milímetros y décimos de milímetros se han obtenido por interpolación entre las lecturas directas, en las horas mencionadas, del Barómetro Fortín N-Z nº.2575, corregidas por temperatura, error de índice (s/c) y gravedad (-0.75), y los dados por las fajas del Barógrafo Fuess nº.3130. La altura de la cubeta del Barómetro está a 28.2 m. sobre el nivel del mar.

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.

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.

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.

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.

Nubes: grado y clases.- Se consigna el resultado de la observación estimada y considerando al cielo dividido en ocho partes, de modo que para un cielo completamente despejado de nubes se considera nubosidad cero (0), y para el completamente cubierto nubosidad ocho (8). Las clases responden a las existentes en el cielo en el momento de las observaciones; las abreviaturas son las corrientes.

7. Visibilidad.- Se anotan los grados de visibilidad horizontal existente en el momento de la observación y utilizando las cifras de la tabla correspondiente, de modo que en una escala de 90 a 99 la primera cifra indique no ser visible un objeto situado a menos de 50 metros y la última a más de 50.000.

8. Radiación solar.- Los números indican la cantidad de calor radiante expresado en gramo-calorías por centímetro cuadrado y por minuto deducidos del juego de actinómetros: Bulbo blanco Fuess nº.1872 y Bulbo negro Fuess nº.1873, siendo la constante instrumental 12.3°.

9. Insolación y Transparencia.- Los números responden a las escalas especiales siguientes:

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

Transparencia: Pésima (1); mala (2); mediana (3); buena (4); muy buena (5).

10. Heliofanía.- Las cifras representan las horas y décimos de hora leídas en las fajas del Heliofanógrafo Campbell nº.1541. Cuando se consideran los totales diarios que dan el tiempo que el Sol quemó las fajas del instrumento, se habla de H. efectiva; H. teor.-astronómica son los valores correspondientes al "máximum posible de horas de Sol" que corresponde al Observatorio según su posición geográfica; H. relativa los valores obtenidos de dividir la "H. efectiva" por la "H. teor.-astronómica" y multiplicado por cien.

11. Lluvia.- Los datos se obtienen del pluviómetro

Hellmann (Tipo B) situado a 1.50 m. sobre el nivel del suelo, controlados con el Pluviógrafo Casella nº.428. A los efectos de estudiar el gradiente de caída se consignan además los valores que entregan los Pluviómetros Tipo A colocados a 0.50 m., 7.00 m. y 18.00 m. sobre el nivel del suelo. Los valores expresados en milímetros y décimos representan el total de lluvia caída en las últimas 24 horas.

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

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

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

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

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

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

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

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

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OBSERVATORIO DE SAN MIGUEL

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RESUMEN MENSUAL

En los primeros días del mes y en ambiente tropical, regístranse temperaturas de hasta cinco grados sobre el valor medio, y elevada humedad absoluta. La tarde del 4, llega al Observatorio desde el SW un fuerte frente frío, el que desencadena lluvias de relativa intensidad; al mismo tiempo se registran ráfagas de hasta 74 Km/h; la temperatura a su vez desciende trece grados en dos horas. Este andar atmosférico dura sólo dos días, ya que el 7, el Observatorio se halla nuevamente en condiciones térmicas e hídricas análogas a las del principio del mes. La presión atmosférica experimenta una continua caída hasta su mínimo mensual el día 9, antes de la llegada de una aerómasa más fresca que se manifiesta por lluvias, marcado descenso de temperatura y consiguiente ascenso de la presión. Un segundo empuje de aire fresco se hace presente la tarde del día 10.

Al principio de la segunda década reina nubosidad variable y se registran temperaturas que no varían mayormente de su término medio. El 14, el Observatorio se encuentra bajo un aire tropical que es desplazado por otro más fresco y seco la tarde del 16. El cielo despejado, alta presión y continuo aflujo de aire seco reduce la temperatura al nivel más bajo del mes (7.1°C la madrugada del 18). Al día siguiente aumenta la temperatura hasta 32.0°C y al fin de la década predomina nuevamente aire tropical con elevada humedad y cielo nuboso.

La primera mitad de la última década se caracteriza por tiempo inestable y condiciones normales para esta época del año. La tarde del 24 llega aire fresco (caída de la temperatura de 7.5°C en una hora). Al mismo tiempo la presión empieza a subir alcanzando el valor máximo mensual con 763.4 mm el 26. Al día siguiente esta masa de aire es desplazada por otra proveniente de las zonas tropicales; la temperatura aumenta entonces rápidamente, marcando 36.1°C el 27, y 37.6°C, máximo mensual, el 28. Por la tarde de este mismo día un frente frío provoca una sensible caída de la temperatura; a medianoche se registran sólo 22.0°C. En este ambiente fresco y seco (humedad absoluta y relativa acusan el día 30 sus mínimos mensuales), termina el mes.

Término medio, el mes ha resultado 1.6°C más caluroso de lo normal, registrándose 16 días con máximas superiores a los 30.0°C. De los elementos restantes sólo la lluvia acusa una apreciable disminución, dado que la registrada sólo representa el 45% de la que cae normalmente 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	48	34	55	69	62	34	55	69	90	90	55	41	41	14	41
2	90	83	55	55	76	55	48	21	14	-138	-438	-518	-477	-406	-374
3	69	83	83	104	48	83	124	48	48	48	7	21	14	14	- 14
4	- 21	-195	-430	- 41	55	- 14	166	138	-138	-231	-239	- 14	34	62	83
5	-145	14	41	41	55	83	104	104	166	213	220	246	220	226	220
6	83	83	83	97	76	90	97	90	97	110	110	131	110	117	104
7	62	55	48	62	41	69	104	104	83	48	34	62	69	69	62
8	7	14	28	14	14	21	69	69	55	28	21	7	- 7	14	48
9	55	55	55	55	48	41	41	- 41	-281	-281	-310	-342	-231	- 34	34
10	- 76	- 76	62	- 7	62	83	90	90	62	69	69	55	48	41	48
11	69	83	76	83	83	76	83	104	145	145	145	124	110	166	124
12	55	62	55	55	55	76	83	62	62	83	28	-	-	-	-
13	83	110	97	110	159	226	322	193	124	110	97	90	76	83	76
14	104	83	83	76	69	104	104	83	90	90	76	90	97	76	69
15	55	48	48	41	41	48	62	55	104	97	69	69	62	69	69
16	83	76	83	62	69	97	90	69	55	62	14	-167	21	41	48
17	36	68	91	91	83	89	115	130	-	-	-	-	-	-	24
18	41	34	48	48	55	48	152	166	138	104	110	62	69	7	- 14
19	48	28	34	34	34	14	7	55	55	55	55	62	62	55	55
20	41	41	41	34	28	28	48	131	97	78	41	51	99	99	152
21	48	48	48	28	41	62	97	62	34	55	69	110	172	172	182
22	76	62	34	28	14	28	62	48	- 7	28	- 21	- 97	-117	- 62	7
23	87	66	64	74	78	70	70	83	62	70	68	58	78	111	122
24	62	41	55	48	55	62	97	28	28	21	- 7	7	83	104	- 28
25	69	48	28	41	55	48	62	41	21	41	21	28	21	14	28
26	109	101	66	58	69	90	152	104	62	55	48	41	76	90	55
27	48	41	34	28	41	21	34	14	14	21	- 21	14	14	28	48
28	55	55	62	55	48	48	48	62	83	- 28	- 48	- 69	- 41	- 41	- 55
29	28	28	34	21	7	14	69	83	76	62	55	55	14	- 48	- 28
30	69	83	69	76	83	110	124	233	252	259	138	110	110	41	7
31	- 41	41	14	7	7	- 21	2	7	138	179	179	-138	97	- 97	- 83
Prom.	49.4	65.9	65.0	66.0	71.3	89.7	111.1	113.8	117.1	122.7	103.3	107.9	113.4	116.0	112.5

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.94	0.83	1.77	1.13	699	305	1004	2.29	0.94	1.90
2	1.01	0.99	2.00	1.02	686	570	1256	1.20	1.03	1.21
3	0.83	0.79	1.62	1.05	675	421	1096	1.60	0.86	1.31
4	0.82	0.85	1.67	0.96	546	562	1108	0.97	1.05	1.05
5	0.59	0.54	1.13	1.09	489	362	851	1.35	0.84	1.04
6	0.99	0.84	1.83	1.08	831	577	1398	1.46	0.83	1.03
7	1.11	0.96	2.07	1.05	770	489	1259	1.57	1.01	1.37
8	1.00	0.92	1.92	1.09	783	488	1271	1.60	0.89	1.31
9	0.90	0.93	1.83	0.97	653	652	1305	1.00	0.96	1.00
10	1.16	1.11	2.27	1.05	924	662	1586	1.39	0.88	1.17
11	0.83	0.73	1.56	1.13	582	393	975	1.48	1.00	1.30
12	1.02	0.98	2.00	1.04	870	738	1608	1.17	0.82	0.93
13	0.96	0.84	1.80	1.13	770	389	1159	1.98	0.87	1.51
14	1.03	0.95	1.98	1.10	660	420	1080	1.57	1.09	1.58
15	1.13	0.99	2.12	1.15	816	506	1322	1.61	0.97	0.95
16	1.08	1.01	2.09	1.07	742	433	1175	1.71	1.02	1.63
17	1.01	1.03	2.04	0.98	730	598	1328	1.21	0.97	1.29
18	0.79	0.71	1.50	1.11	595	330	925	1.80	0.93	1.51
19	0.97	0.92	1.89	1.05	783	527	1310	1.48	0.87	1.22
20	0.86	0.76	1.82	1.13	581	273	854	2.13	1.03	1.94
21	0.61	0.53	1.14	1.15	651	232	883	2.80	0.65	1.60
22	0.49	0.46	0.95	1.07	551	266	817	2.08	0.62	1.21
23	0.81	0.80	1.61	1.01	802	532	1334	1.50	0.71	1.05
24	0.96	0.86	1.82	1.11	1066	489	1555	2.18	0.63	1.22
25	0.78	0.72	1.50	1.08	724	509	1233	1.42	0.76	0.99
26	0.83	0.80	1.63	1.03	637	370	1007	1.72	0.91	1.51
27	1.11	1.14	2.25	0.97	830	609	1439	1.36	0.93	1.30
28	0.88	0.86	1.74	1.02	633	390	1023	1.62	0.97	1.54
29	0.84	0.83	1.77	1.01	617	332	949	1.86	0.95	1.74
30	1.04	0.95	1.99	1.10	876	518	1394	1.69	0.83	1.28
31	0.83	0.76	1.59	1.09	665	381	1046	1.74	0.87	1.39
Prom.	0.90	0.84	1.74	1.07	707	536	1239	1.30	0.90	1.09

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
28	- 28	28	41	55	28	14	90	34		233	-110	343	2
-259	-104	- 55	- 48	34	69	34	55	5		152	-624	776	2
62	41	83	90	104	76	41	21	- 76		186	-564	750	2
28	-110	-	-	-	- 97	138	- 21	-124		471	-454	925	2*
226	159	186	252	233	152	193	152	124	145.2	333	-217	550	1
104	83	97	97	124	131	145	90	83	101.3	297	34	263	0
55	28	21	69	62	55	62	34	-		131	- 34	165	1*
48	41	41	76	83	62	55	55	48		124	- 55	179	2
239	272	-470	- 76	110	-327	41	21	- 28		740	-871	1611	2
34	48	138	41	34	41	34	41	62		322	-304	626	2
97	97	131	97	97	97	83	97	69	103.4	207	34	173	0
-	172	131	-	-	-	-	-	83				-	3*
55	55	41	28	14	41	55	41	97	99.3	391	- 48	439	1
69	55	55	55	76	110	97	69	55	80.6	166	21	145	0
76	62	69	90	90	69	110	110	83	70.7	193	28	165	0
55	69	28	48	55	48	41	34	14		272	-594	866	2
14	14	31	62	87	87	89	99	107		139	- 3	142	1*
7	14	- 34	34	69	90	62	34	41		310	- 90	400	2
41	7	34	62	62	41	41	41	41		152	- 55	207	1
34	97	55	55	62	69	41	41	28	62.1	380	- 41	421	1
110	41	28	41	62	62	110	76	90	77.0	272	- 83	355	1
21	21	- 14	7	- 14	21	34	-	-		104	-253	357	2*
132	122	168	152	163	130	105	69	69	94.6	268	69	199	0
138	259	83	90	117	90	69	90	83		693	-518	1211	2
28	- 21	14	48	62	68	83	95	105		135	- 76	211	2
- 28	69	21	41	28	21	41	48	48		179	-449	628	2
14	21	34	48	55	48	69	90	41		186	- 76	262	2
- 21	- 48	- 7	41	-181	62	-124	21	34		246	-732	978	2
14	7	7	48	69	90	83	48	41		110	-167	277	2
41	55	34	55	55	90	83	55	55	95.3	333	- 41	374	1
- 69	55	69	69	62	55	55	55	55		622	-533	1155	2
94.4	82.6	86.4	92.2	97.6	95.1	102.2	80.0	75.3	93.0				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S. por cm²	NÚCLEOS AITKEN por cm³
N^+	N^-	$N^+ + N^-$	N^+ / N^-		
1794	17802	18596	0.10	-	7,750
3588	13768	17356	0.26	-	28,500
5492	9738	15230	0.57	-	-
6142	11704	17846	0.52	-	-
6900	8822	15722	0.78	5.48	-
7036	9052	16088	0.78	6.20	-
7489	8974	16463	0.83	-	-
5385	9304	14689	0.58	-	-
898	6431	7329	0.14	-	-
1795	5903	7698	0.30	-	-
9022	8668	17690	1.03	5.40	-
5935	7949	13684	0.75	-	-
6472	10296	16768	0.63	5.96	-
3956	7698	11654	0.51	5.30	85,250
4487	5023	9510	0.90	5.00	27,500
1459	4260	5619	0.34	-	44,250
3065	4740	7805	0.65	-	31,250
8580	12412	20992	0.69	-	62,250
5163	9460	14623	0.55	-	25,500
5869	10131	16000	0.58	3.77	51,250
9108	13673	22781	0.67	2.92	84,250
8927	9327	18254	0.96	-	-
4270	6479	10749	0.66	5.08	72,250
6090	6230	12320	0.98	-	34,750
5515	7850	13365	0.70	-	43,000
4924	12303	20227	0.64	-	37,250
2536	7998	10534	0.32	-	-
2555	7031	9586	0.36	-	47,500
3669	5682	9351	0.64	-	42,000
3035	8037	11072	0.38	6.33	58,000
5231	11465	16696	0.46	-	67,750
5890	8690	14580	0.68	4.38	47,236

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.19	1.48	1.23	1.18	1.07	0.68	0.92	1.05	1.02	0.77	0.80	0.71
2	0.67	0.91	1.27	1.34	1.56	1.58	1.41	1.15	1.30	1.14	0.73	0.72
3	1.14	0.97	1.23	0.87	0.57	0.66	0.68	1.02	1.14	0.87	0.63	0.82
4	1.14	1.28	0.71	1.13	1.19	0.92	0.83	0.72	0.77	0.84	0.94	1.14
5	0.71	-	-	-	-	-	-	0.66	0.64	0.71	0.74	0.48
6	1.09	1.28	1.25	1.29	1.41	1.25	1.31	0.96	1.01	0.99	1.00	0.87
7	0.99	1.17	1.33	1.31	1.00	1.01	1.11	1.05	-	0.78	1.20	1.51
8	0.75	0.76	0.86	0.89	0.81	0.66	0.99	1.04	0.89	0.98	1.12	1.21
9	1.09	1.20	1.22	1.10	1.23	1.41	0.35	0.90	0.75	0.76	0.63	0.68
10	-	-	-	-	-	-	0.98	1.09	1.28	0.89	0.97	1.30
11	1.04	1.21	1.64	1.44	1.31	1.30	1.24	1.10	0.77	0.53	0.49	0.48
12	-	-	-	-	-	-	1.24	1.39	1.23	1.06	0.74	1.04
13	0.80	0.96	1.01	0.87	0.62	0.60	0.59	1.05	1.15	1.11	1.08	1.18
14	-	-	-	-	-	-	-	1.09	1.34	1.20	1.30	0.95
15	1.21	1.32	1.38	1.72	1.51	1.28	1.30	1.40	1.24	1.11	1.14	1.05
16	0.91	0.98	1.04	1.03	0.76	1.17	1.35	1.02	1.21	1.16	0.98	0.83
17	1.21	1.29	1.48	1.67	1.61	1.41	1.10	1.13	0.85	0.71	0.73	0.79
18	0.89	0.81	1.33	1.26	1.09	1.33	0.94	0.64	0.85	0.62	0.51	0.55
19	0.86	1.70	1.54	1.32	1.26	1.24	1.27	1.19	1.04	1.00	0.68	0.76
20	0.70	0.94	0.92	1.18	1.28	1.69	1.14	0.66	0.77	0.78	0.59	0.63
21	0.84	0.69	0.66	0.82	0.83	0.94	0.62	0.66	0.64	0.59	0.59	0.56
22	0.48	0.54	0.35	0.39	0.35	0.40	0.58	0.45	0.53	0.58	0.64	0.53
23	0.79	1.16	1.57	1.20	-	-	-	-	-	1.27	0.88	0.83
24	0.71	0.99	1.34	1.49	1.38	1.03	0.76	0.89	0.76	0.89	0.92	1.19
25	0.46	0.46	0.56	0.76	0.77	1.06	1.14	1.20	1.08	0.86	0.77	0.69
26	0.88	1.06	0.80	1.30	-	-	-	1.17	1.27	1.06	0.93	0.91
27	1.19	1.26	1.37	1.08	1.51	-	-	-	1.45	1.34	1.09	0.92
28	1.13	1.03	0.86	-	-	-	-	0.96	0.94	0.87	0.86	0.92
29	0.55	1.02	1.14	0.98	0.80	0.54	0.91	0.81	0.79	0.71	0.38	0.47
30	-	-	-	-	-	-	-	1.24	1.50	1.36	1.28	1.04
31	1.44	1.20	1.27	1.13	1.04	0.81	0.82	0.86	0.66	0.53	0.43	0.44
Promedio	0.92	1.06	1.13	1.15	1.09	1.04	0.98	0.98	1.00	0.91	0.83	0.85

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	1.04	1.38	1.11	1.09	0.78	0.74	0.73	1.20	0.82	0.69	0.64	0.62
2	0.47	0.79	1.08	1.13	1.28	1.51	1.26	1.19	1.19	1.12	0.81	1.09
3	1.02	0.80	1.02	0.60	0.44	0.58	0.65	1.14	0.90	0.83	0.67	0.81
4	1.17	1.59	1.10	1.12	1.11	0.94	0.63	1.02	0.88	0.87	1.05	1.21
5	0.75	-	-	-	-	-	-	0.51	0.53	0.76	0.64	0.39
6	0.99	1.14	1.07	1.18	1.32	1.10	1.07	0.89	0.88	0.87	0.84	0.77
7	0.80	1.02	1.05	1.08	0.84	0.88	0.97	0.96	0.57	0.83	1.13	1.27
8	0.76	0.65	1.04	0.79	0.85	0.54	0.77	1.02	0.76	0.84	1.05	1.05
9	1.06	1.05	1.09	1.12	1.27	1.40	0.92	0.82	0.85	0.87	0.82	0.74
10	-	-	-	-	-	-	0.82	0.96	1.08	0.84	0.97	1.32
11	0.94	1.10	1.46	1.11	1.11	0.96	1.25	0.92	0.60	0.46	0.40	0.44
12	-	-	-	-	-	-	1.32	1.27	1.15	1.01	0.97	1.09
13	0.72	0.77	0.82	0.67	0.46	0.41	0.30	0.65	1.00	1.20	0.94	1.10
14	-	-	-	-	-	-	-	0.95	1.39	1.23	1.08	0.78
15	1.15	0.97	1.41	0.75	1.30	1.13	1.19	1.38	1.15	1.00	1.00	1.00
16	0.86	0.99	0.99	0.85	0.73	1.03	1.37	1.02	1.10	1.05	1.10	0.90
17	1.59	1.29	1.47	1.63	1.39	1.20	1.14	1.00	1.01	0.92	0.94	0.92
18	0.73	0.86	1.07	1.07	0.82	1.32	0.82	0.55	0.63	0.53	0.44	0.49
19	0.66	1.56	1.71	1.48	1.24	1.17	1.24	1.15	0.92	0.86	0.64	0.81
20	0.66	0.84	1.01	0.94	1.21	1.03	0.94	0.65	0.81	0.64	0.60	0.60
21	0.67	0.62	0.53	0.81	0.70	0.73	0.42	0.38	0.52	0.56	0.51	0.62
22	0.41	0.46	0.29	0.37	0.30	0.30	0.44	0.36	0.55	0.58	0.62	0.51
23	0.78	1.19	1.59	1.37	-	-	-	-	-	1.30	0.91	0.81
24	0.57	0.85	1.35	1.19	1.31	0.80	0.93	0.81	0.83	0.90	0.95	1.13
25	0.38	0.44	0.51	0.67	0.73	0.82	1.23	1.17	1.02	0.87	0.72	0.69
26	0.80	1.02	0.71	1.36	-	-	-	0.98	1.17	0.91	0.95	0.77
27	1.31	1.44	1.34	1.34	1.78	-	-	-	1.47	1.30	1.07	0.96
28	1.05	0.96	0.69	-	-	-	-	0.83	0.80	0.81	0.87	0.95
29	0.56	0.91	1.06	0.97	0.82	0.67	0.85	0.78	0.58	0.53	0.32	0.70
30	-	-	-	-	-	-	-	1.16	1.25	1.29	1.29	1.02
31	1.28	1.14	1.05	1.00	0.69	0.55	0.79	0.74	0.51	0.44	0.37	0.41
Promedio	0.86	0.99	1.06	1.03	0.98	0.90	0.92	0.91	0.90	0.87	0.82	0.84

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.77	0.71	0.79	0.74	0.82	1.04	1.04	0.89	0.95	0.91	0.88	0.91	0.94
0.76	0.72	0.80	0.82	1.01	1.11	0.82	0.69	0.86	1.11	0.86	1.00	1.01
0.74	0.76	1.01	0.78	0.79	0.72	0.55	0.51	0.79	0.85	1.12	0.76	0.83
0.98	0.82	0.85	0.59	0.84	0.42	0.69	0.69	0.53	0.46	0.53	0.57	0.82
0.50	0.49	0.51	0.54	0.46	0.52	0.52	0.54	0.66	0.68	0.78	0.49	0.59
0.86	0.84	0.97	0.96	0.95	1.02	0.83	0.61	0.77	0.68	0.62	0.83	0.99
1.35	1.16	0.99	-	-	-	-	-	-	-	-	0.64	1.11
0.84	1.04	1.22	1.32	1.22	1.25	1.09	0.77	0.88	1.07	1.20	1.18	1.00
0.84	0.92	0.90	1.06	0.77	0.39	-	-	-	-	-	-	0.90
1.41	1.40	1.57	1.34	0.88	1.19	1.12	1.12	1.25	0.89	1.21	0.98	1.16
0.47	0.49	0.50	0.45	0.46	0.52	0.41	0.56	0.74	0.74	0.74	1.19	0.83
1.19	1.41	0.83	1.13	1.25	0.82	0.71	0.61	1.18	0.65	0.80	1.09	1.02
1.20	0.86	0.99	1.14	1.09	0.94	0.98	1.10	0.76	0.84	1.15	-	0.96
0.76	0.86	0.94	0.83	1.06	0.93	0.89	1.15	0.83	0.92	1.19	1.28	1.03
1.19	1.23	1.23	1.10	1.14	0.99	1.09	0.45	1.07	0.58	0.62	0.88	1.13
0.88	0.92	1.10	0.89	0.95	0.99	1.07	1.17	1.43	1.38	1.30	1.50	1.08
0.82	0.70	0.84	0.88	0.81	0.74	0.90	0.79	0.88	1.02	1:08	0.76	1.01
0.66	0.62	0.53	0.51	0.51	0.61	0.71	0.79	0.69	0.76	0.94	0.88	0.79
0.80	0.78	0.76	0.87	0.73	0.68	0.49	0.40	1.03	0.83	0.98	0.96	0.97
0.66	0.75	0.93	0.49	0.82	0.99	0.96	0.78	0.85	0.89	0.56	0.68	0.86
0.70	0.44	0.43	0.46	0.53	0.51	0.39	0.85	0.57	0.53	0.51	0.38	0.61
0.41	0.44	0.45	0.48	0.47	0.45	0.54	0.54	0.45	0.46	0.62	0.68	0.49
0.75	0.74	0.53	0.52	0.61	0.57	0.76	0.63	0.46	0.47	0.66	0.91	0.81
1.16	1.35	0.97	1.29	1.42	1.05	0.76	0.55	0.58	0.52	0.51	0.44	0.96
0.82	0.78	0.78	0.84	0.81	0.68	0.67	0.65	0.72	0.65	0.66	0.74	0.78
0.69	0.72	0.68	0.61	0.55	0.51	0.75	0.39	0.32	0.70	0.83	1.30	0.83
0.77	0.67	0.68	0.96	0.99	1.20	1.20	0.95	1.02	1.20	1.11	1.26	1.11
0.89	0.98	0.85	0.77	0.71	0.68	0.86	0.80	0.93	0.84	0.96	0.80	0.88
0.65	0.56	0.47	0.97	1.35	1.22	1.05	0.79	1.33	1.19	0.97	0.59	0.84
1.04	0.91	0.92	0.92	0.91	1.01	0.61	0.72	0.71	0.88	1.21	1.42	1.04
0.50	0.50	0.59	0.61	0.58	0.76	0.88	0.62	0.77	1.10	1.16	1.23	0.83
0.84	0.82	0.83	0.83	0.85	0.82	0.84	0.73	0.83	0.82	0.89	0.91	0.90

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.69	0.71	0.77	0.67	0.96	0.97	1.00	0.81	0.82	0.72	0.71	0.36	0.83
1.04	0.80	1.01	0.96	1.09	1.23	0.78	0.71	0.76	0.83	0.76	0.88	0.99
0.72	0.73	0.89	0.77	0.75	0.62	0.53	0.44	0.87	0.94	1.06	1.21	0.79
1.04	0.71	0.73	0.51	0.72	0.79	0.83	0.59	0.37	0.32	0.55	0.62	0.85
0.46	0.46	0.44	0.48	0.47	0.46	0.42	0.49	0.60	0.60	0.71	0.53	0.54
0.71	0.71	0.80	0.89	0.82	0.87	0.66	0.38	0.60	0.47	0.51	0.55	0.84
1.08	0.94	1.00	-	-	-	-	-	-	-	-	0.97	0.96
0.82	1.07	1.12	1.26	1.18	1.21	0.87	0.70	0.83	0.96	1.07	0.95	0.92
0.89	0.89	0.85	0.76	0.57	0.77	-	-	-	-	-	-	0.93
1.47	1.53	1.41	1.31	0.93	0.86	1.02	1.05	1.21	1.06	1.15	0.94	1.11
0.46	0.44	0.46	0.42	0.44	0.53	0.40	0.51	0.67	0.64	0.76	1.02	0.73
0.87	1.28	0.81	0.95	1.31	0.83	0.65	0.50	0.90	0.62	1.08	1.03	0.98
0.99	0.85	0.87	1.04	1.00	0.81	1.14	1.09	0.65	0.90	1.00	-	0.84
0.74	0.83	0.84	0.78	1.09	0.80	0.87	1.11	0.70	0.92	1.14	0.98	0.95
1.09	1.09	1.07	0.98	1.04	0.99	1.06	0.36	0.71	0.50	0.60	0.87	0.99
0.82	0.86	0.95	0.90	0.77	1.00	0.98	1.09	1.33	1.22	1.19	1.25	1.01
0.94	0.82	0.96	0.87	0.81	0.83	0.85	0.73	0.82	0.89	0.93	0.69	1.03
0.62	0.58	0.48	0.48	0.51	0.62	0.69	0.72	0.67	0.67	0.81	0.76	0.71
0.71	0.69	0.72	0.64	0.53	0.68	0.48	0.49	1.08	0.75	0.87	0.92	0.92
0.65	0.66	0.72	0.58	0.63	0.90	0.92	0.56	0.69	0.78	0.45	0.59	0.76
0.59	0.41	0.37	0.42	0.46	0.48	0.44	0.87	0.51	0.46	0.44	0.33	0.53
0.39	0.46	0.46	0.46	0.46	0.47	0.65	0.48	0.42	0.44	0.58	0.62	0.46
0.85	0.71	0.49	0.51	0.60	0.60	0.75	0.53	0.46	0.44	0.62	0.77	0.80
1.12	0.86	1.64	0.89	0.87	0.88	0.60	0.42	0.46	0.42	0.37	0.38	0.86
0.77	0.77	0.77	0.79	0.68	0.62	0.60	0.55	0.55	0.71	0.64	0.67	0.72
0.66	0.62	0.55	0.59	0.51	0.49	0.80	0.34	0.38	0.73	1.10	1.26	0.80
0.76	0.65	0.64	0.96	1.09	1.12	1.10	0.95	1.09	1.36	1.03	1.10	1.14
0.88	0.99	0.80	0.72	0.68	0.71	0.86	1.01	0.85	1.16	0.97	0.65	0.86
0.51	1.04	0.92	1.11	1.12	1.00	0.83	0.58	1.28	1.07	1.07	0.68	0.83
0.97	0.90	0.94	0.90	0.93	0.91	0.67	0.65	0.58	0.59	0.94	1.14	0.95
0.44	0.48	0.53	0.58	0.58	0.80	0.97	0.57	0.77	1.11	1.13	1.31	0.76
0.80	0.79	0.81	0.77	0.79	0.80	0.77	0.66	0.74	0.77	0.84	0.80	0.84

IONES LIVIANOS POSITIVOS "n+" por cm³

Día \ 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
1	868	1075	1035	955	825	782	868	1115	995	738	608	608
2	695	608	782	788	782	912	1072	1515	1595	1155	614	260
3	608	434	521	434	347	347	608	995	1035	1075	825	868
4	868	390	434	608	608	478	478	419	658	521	-	-
5	-	-	-	-	-	-	-	521	825	707	391	391
6	869	1035	912	868	1150	1155	1354	1475	1235	1115	955	868
7	521	658	707	745	608	695	992	1235	-	-	-	-
8	-	-	-	-	-	-	1115	1115	782	707	868	868
9	658	707	788	707	782	707	608	434	304	347	304	260
10	955	869	782	1075	825	745	1115	1355	1435	952	1155	1115
11	434	614	868	707	707	788	1035	1115	608	434	304	434
12	825	868	868	912	868	782	1235	1115	1155	1195	788	707
13	608	788	782	868	707	1028	1071	1154	1274	1115	868	955
14	434	565	955	1115	∞	∞	782	955	1035	1115	1035	707
15	831	831	1035	955	868	824	869	869	1115	869	868	868
16	825	825	788	782	912	912	912	868	1075	1035	868	304
17	695	955	955	955	723	879	1029	1354	1035	614	707	608
18	608	608	707	608	521	745	707	1035	1035	782	608	434
19	614	942	952	788	844	869	995	1075	1115	869	788	868
20	521	608	707	707	782	782	745	478	521	608	521	521
21	-	822	608	658	995	1354	1194	1035	868	1195	565	478
22	608	521	521	608	608	608	707	707	952	614	347	347
23	955	955	1035	955	1115	1035	1035	1115	1115	1035	782	745
24	-	-	-	-	-	-	-	-	-	949	1155	909
25	-	-	-	-	-	-	-	2098	1594	1194	-	391
26	758	868	614	869	695	434	744	478	825	707	707	707
27	868	995	955	782	868	992	1035	1275	1115	1035	868	788
28	745	707	614	782	869	869	1035	912	825	614	608	608
29	521	608	707	651	565	347	608	565	658	608	434	304
30	695	782	782	565	782	707	782	1035	1194	1475	1435	1275
31	871	912	868	695	738	434	658	911	521	658	434	347
Promedio	710	761	788	783	744	749	907	1011	983	868	730	639

IONES LIVIANOS NEGATIVOS "n-" por cm³

Día \ 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
1	188	376	301	344	226	269	301	752	676	387	312	312
2	150	226	414	457	344	639	970	1254	1320	1120	840	829
3	226	312	150	150	150	150	339	867	790	752	564	639
4	754	976	489	489	414	489	301	344	601	752	602	640
5	564	676	752	601	344	188	301	263	489	376	226	226
6	864	752	639	602	714	564	1151	1250	1086	940	752	564
7	344	312	301	344	344	727	1048	-	-	-	-	-
8	-	-	-	-	-	-	376	676	676	526	638	676
9	376	312	414	414	526	526	489	376	451	526	376	376
10	1390	1219	715	1120	376	226	786	902	1052	639	677	752
11	312	269	414	312	312	382	791	905	564	451	312	231
12	639	676	772	810	677	752	1040	1014	1078	1086	902	602
13	818	312	376	382	226	150	75	231	864	867	676	676
14	150	312	226	344	376	376	489	601	752	828	752	414
15	727	564	752	601	564	601	715	752	828	639	676	602
16	376	451	301	188	344	451	564	752	828	752	602	344
17	714	676	752	676	489	489	752	1320	1188	976	828	676
18	269	188	226	231	150	269	312	639	828	676	344	226
19	226	494	451	451	602	639	864	976	976	752	564	676
20	226	226	376	376	414	526	344	150	226	414	344	376
21	226	226	226	226	376	312	226	150	150	150	226	150
22	150	150	150	150	226	226	226	150	526	414	312	226
23	344	601	752	714	829	752	752	864	976	905	676	639
24	312	301	451	526	564	489	457	752	602	676	526	639
25	150	226	226	226	226	269	457	1183	1188	905	607	676
26	414	414	269	231	376	150	451	226	639	526	451	489
27	451	752	714	565	602	791	902	1154	1120	905	722	677
28	376	312	269	301	457	527	457	564	489	526	451	451
29	-	-	-	-	-	-	-	376	150	188	150	312
30	489	489	376	312	376	312	312	489	714	1120	1052	976
31	451	527	419	376	188	150	312	494	219	414	226	226
Promedio	423	460	437	432	407	427	552	681	735	673	546	510

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
608	434	478	390	521	521	707	614	521	521	434	565	699
347	434	521	434	478	695	434	434	434	521	434	521	686
955	825	707	707	707	608	521	521	390	478	825	868	675
-	-	-	-	-	-	-	-	-	-	-	-	546
347	434	478	565	608	608	608	434	367	347	260	434	489
782	740	782	707	608	608	565	391	434	478	434	434	831
-	-	-	-	-	-	-	-	-	-	-	-	770
658	825	782	782	825	745	695	608	658	707	745	608	783
304	434	478	521	478	347	1315	1315	858	938	1115	955	653
1075	995	995	868	738	912	868	782	745	565	738	521	924
347	347	478	434	434	521	608	652	391	260	745	695	582
955	788	695	1075	992	707	608	782	952	614	651	745	870
825	608	707	707	707	521	565	478	658	521	521	434	770
521	521	478	478	608	745	782	608	521	521	707	658	660
868	868	782	608	695	658	745	434	608	788	868	868	816
608	608	608	608	564	434	521	608	707	782	782	868	742
608	565	521	521	521	478	565	608	707	608	788	521	730
565	434	347	226	391	434	614	521	434	608	695	608	595
868	788	782	707	608	614	434	478	608	658	782	738	783
434	478	745	391	565	478	565	434	565	608	608	-	581
347	304	347	434	434	434	434	521	521	434	521	478	651
347	434	434	434	434	434	521	434	434	521	745	912	551
868	745	608	521	434	434	434	434	478	-	-	-	802
1115	1275	995	-	-	-	-	-	-	-	-	-	1066
521	608	608	608	434	521	521	434	608	527	347	565	724
707	707	707	521	521	521	434	434	434	571	614	707	637
434	434	434	707	707	788	955	825	608	869	788	788	830
608	434	391	347	347	347	658	347	521	778	608	608	633
608	478	434	695	952	782	788	658	707	745	608	782	617
1115	955	868	868	782	868	658	608	565	608	707	912	876
347	391	478	521	521	695	868	658	658	782	868	1115	665
645	617	609	585	593	588	643	573	574	606	664	689	701

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
312	269	226	226	451	312	376	150	150	113	150	150	305
810	676	639	526	451	451	312	312	312	226	150	226	570
752	602	526	451	451	312	150	75	150	269	526	754	421
676	414	312	312	641	1495	714	344	339	414	451	526	562
226	312	344	414	451	376	376	301	226	231	188	231	362
526	451	451	414	451	344	269	113	113	188	150	263	567
-	-	-	-	-	-	-	-	-	-	-	-	489
451	526	527	526	526	526	371	226	312	414	414	387	488
376	312	344	312	231	382	2307	1053	1348	1469	1148	1221	652
677	602	639	526	489	301	451	526	414	451	602	344	662
226	226	226	414	376	312	376	414	527	301	188	602	393
602	640	750	639	564	451	526	751	527	828	789	602	738
639	376	376	451	376	312	344	312	226	226	226	226	389
312	344	301	269	451	527	489	312	269	312	376	489	420
526	526	451	312	451	376	344	113	226	188	269	344	506
451	376	376	312	269	301	344	231	376	451	451	489	433
602	602	451	376	451	376	344	376	301	226	344	376	598
344	301	226	150	231	376	451	376	226	312	344	226	330
602	564	526	451	419	414	269	269	269	376	414	419	527
312	269	231	231	188	188	226	150	188	188	226	150	273
226	226	269	312	312	312	312	312	188	150	150	150	232
312	344	312	344	312	414	344	226	226	150	231	269	266
676	602	451	376	376	226	226	150	150	188	226	312	532
609	676	1595	312	602	451	226	188	150	226	226	188	489
676	602	602	526	527	414	376	312	602	-	376	344	509
451	376	414	376	451	312	269	226	226	376	376	382	370
344	376	301	526	526	526	602	376	312	564	391	414	609
376	376	376	312	269	226	382	312	-	-	-	-	390
301	526	601	678	451	312	269	231	269	344	113	376	332
828	702	602	526	602	526	344	269	150	150	226	494	518
226	301	376	376	312	414	451	344	489	489	526	829	381
482	450	461	399	422	409	428	312	319	351	342	406	538

IONES PESADOS POSITIVOS "N+" por cm³

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
1	-	-	-	-	-	-	-	-	-	-	-	-
2	898	-	-	-	4490	5380	3585	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	6295	-	6295	4490	6295	3585	4490	11690	5380	-	-	898
5	3585	898	-	-	-	1795	-	898	898	5380	9860	12590
6	-	-	-	-	2690	2690	1795	2690	5380	4490	8060	1795
7	17050	7180	13430	7180	15250	7180	3585	1795	8950	13430	1795	1795
8	7180	4490	3585	1795	-	898	6295	2690	-	898	1795	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	1795	-
11	-	-	-	-	-	1795	4490	-	14350	10770	10770	14350
12	898	-	-	-	-	898	2690	898	-	-	2690	6295
13	6295	11690	5380	5380	11690	15250	23360	3585	898	8950	1795	8060
14	13430	9860	6295	3585	4490	8950	2690	-	898	-	-	-
15	-	-	-	-	-	-	-	-	898	-	-	-
16	898	1795	898	898	4490	-	-	-	-	-	-	-
17	2690	-	-	3585	2690	-	-	-	898	-	-	-
18	5380	5380	5380	8600	5380	6295	8950	8950	3585	8950	11690	20700
19	5380	5380	5380	5380	6295	4490	3585	898	1795	898	2690	1795
20	5380	4490	3585	4490	1795	2690	6295	8950	6295	2690	8060	10770
21	4490	1795	5380	5380	4490	3585	8600	11690	14350	16130	10770	11690
22	11690	10770	9860	9860	5380	7180	7180	11690	6295	3585	9860	8950
23	898	-	-	-	1795	1795	4490	-	-	-	-	-
24	-	-	-	-	-	3585	3585	-	4490	3585	2690	-
25	9860	7180	4490	898	898	-	-	-	-	1795	3585	5380
26	4490	3585	5380	3585	2690	8060	8060	10770	8060	6295	8060	5380
27	3585	4490	3585	3585	1795	1795	1795	898	898	898	2690	2690
28	898	898	2690	1795	898	898	3585	6295	4490	2690	5380	-
29	5380	-	-	898	-	-	-	-	4490	8950	6295	2690
30	5380	1795	1795	2690	1795	898	1795	-	-	-	898	898
31	1795	898	1795	2690	1795	5380	3585	6295	8950	8950	9860	11690
Promedio	5384	4857	5012	4040	4354	4321	5452	5668	5112	6074	5766	7134

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	-	-	-	-	-	-	-	-	-	17050	-	-
2	20350	16130	12590	-	-	7180	12590	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	7180	7180	7180
4	17950	11690	-	16130	14350	11690	10770	12590	7180	9860	-	9860
5	7180	5380	7180	4490	10770	14350	16130	8060	6295	12590	14350	11690
6	2690	3585	1795	7180	4490	10770	-	13430	7180	7180	5380	8950
7	5380	11690	11690	-	10770	10770	8950	8950	10770	6295	11690	5380
8	7180	8950	6295	4490	6295	8060	10770	6295	3585	8950	6295	-
9	8950	10770	10770	12590	8950	10770	5380	5380	6295	4490	4490	5380
10	8950	5380	10770	8950	8060	9860	8060	5380	6295	8060	2690	4490
11	5380	3585	5380	8950	9860	8060	8950	10770	15250	14350	10770	11690
12	4490	4490	6295	5380	-	-	5380	5380	8060	-	10770	7180
13	-	18870	17950	14350	9860	15250	18730	7180	17950	6295	7180	5380
14	16130	13430	12590	14350	11690	13430	10770	9860	3585	4490	3585	8950
15	3585	2690	3585	3585	2690	6295	6295	1795	-	5380	-	4490
16	3585	3585	3585	4490	3585	4490	8950	2690	1795	4490	3585	4490
17	1795	4490	-	3585	3585	4490	3585	4490	3585	3585	3585	2690
18	7180	7180	6295	8950	9860	10770	10770	9860	10770	14350	16130	18870
19	11690	10770	10770	12590	9860	8950	8060	8060	6295	2690	3585	4490
20	14350	14350	12590	8950	9860	9860	13430	12590	12590	6295	9860	10770
21	7180	7180	8060	8060	7180	7180	14360	13430	14350	10770	10770	12590
22	9860	8950	7180	8950	8060	8060	-	13430	9860	8950	8950	-
23	12590	5380	-	-	4490	898	-	-	-	-	-	-
24	-	-	-	-	-	-	6295	5380	3585	3585	4490	3585
25	8950	10770	9860	5380	5380	5380	3585	4490	5380	5380	7180	10770
26	7180	7180	6295	5380	10770	11690	11690	17950	9860	14350	12590	13430
27	6295	5380	5380	5380	5380	5380	5380	5380	6295	7180	8950	7180
28	8950	10770	11690	11690	10770	12590	12590	4490	4490	5380	8950	4490
29	5380	5380	4490	4490	5380	5380	8950	5380	5380	10770	8060	11690
30	5380	7180	7180	3585	5380	5380	6295	5380	6295	9860	5380	3585
31	12590	8060	9860	9860	12590	16130	15250	9860	10770	12590	14350	14350
Promedio	8562	8330	8405	8071	8074	9004	9691	8071	7836	8300	8108	8215

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
-	-	-	-	-	-	-	-	-	898	2690	1795	1794
-	-	-	-	-	-	-	-	-	-	-	-	3588
-	-	-	-	898	4490	6295	8950	9860	2690	2690	8060	5492
-	6295	-	2690	9860	12590	8950	898	5380	5380	8060	7180	6142
12590	9860	9860	-	7180	7180	6295	4490	6295	8060	11690	11690	6900
2690	2690	1795	3585	8950	13430	14350	8950	10770	21520	14350	8060	7036
2690	5380	5380	-	-	-	-	-	-	-	7180	8060	7489
5380	12590	17050	3585	5380	-	7180	9860	898	-	-	-	5385
-	-	-	-	-	898	-	-	-	-	-	-	898
-	-	-	-	-	-	-	-	-	-	-	-	1795
11690	13430	12590	9860	9860	12590	8950	7180	5380	4490	8950	898	9022
6295	11690	7180	14350	4490	12590	5380	4490	8060	4490	8060	5380	5935
4490	6295	1795	1795	1795	5380	12590	1795	5380	2690	2690	6295	6472
1795	898	1795	898	-	-	898	1795	3585	4490	-	898	3956
-	-	-	-	-	-	-	6295	3585	7180	5380	3585	4487
-	-	-	-	898	898	898	-	-	-	-	-	1459
-	-	3585	4490	1795	-	1795	2690	3585	1795	-	7180	3065
7180	8060	14350	13430	13430	7180	7180	8060	10770	7180	5380	4490	8580
898	898	2690	3585	2690	5380	25150	20700	6295	4490	3585	3585	5163
11690	11690	5380	8950	898	3585	3585	5380	5380	3585	9860	5380	5869
14350	11690	13430	8950	10770	11690	9860	9860	7180	6295	4490	11690	9108
11690	-	12590	-	-	12590	8950	-	-	-	8980	3585	8927
-	-	-	-	-	-	-	6295	11690	6295	-	898	4270
3585	-	-	1795	-	898	10770	12590	8060	12590	7180	9860	6090
3585	3585	3585	3585	7180	8950	8060	7180	9860	6295	8060	6295	5515
5380	5380	8060	10770	11690	12590	10770	10770	9860	11690	9860	8950	7924
7180	5380	-	898	898	898	898	2690	7180	1795	898	898	2536
-	-	-	-	-	-	-	-	898	-	-	1795	2555
1795	2690	-	-	-	-	-	-	-	1795	2690	2690	3669
898	898	3585	3585	2690	1795	6295	5380	6295	6295	4490	3585	3035
8950	10770	8060	3585	4490	1795	1795	7180	5380	3585	3585	2690	5231
6240	5272	7376	5577	8202	6870	7586	6976	6592	5894	6400	5210	5890

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
-	-	12590	-	13430	-	-	15250	17050	26000	20700	20350	17802
-	-	-	-	-	-	-	-	-	-	-	-	13768
7180	11690	4490	5380	7180	17050	-	12590	-	12590	17950	8950	9738
13430	9860	8950	10770	8060	9860	9860	16130	15250	11690	-	9860	11704
9860	8950	8060	7180	6295	6295	7180	7180	8950	8950	10770	3585	8822
7180	7180	-	6295	7180	17050	17950	17950	17050	13430	9860	5380	9052
4490	13430	-	-	-	-	-	-	-	-	7180	7180	8074
-	-	21520	15250	-	6295	7180	6295	17950	14350	10770	-	9304
5380	5380	4490	4490	6295	4490	5380	4490	3585	5380	5380	5380	6431
5380	3585	4490	4490	6295	3585	4490	3585	4490	5380	5380	3585	5903
13430	8060	9860	10770	8060	6295	8060	6295	8950	7180	4490	3585	8668
10770	9860	9860	8060	8950	9860	6295	6295	4490	7180	7180	20700	7949
5380	4490	8060	8060	11690	8060	12590	9860	7180	5380	6295	10770	10296
8950	6295	2690	7180	2690	2690	5380	6295	7180	5380	3585	3585	7698
-	4490	4490	-	3585	3585	4490	8950	9860	9860	5380	5380	5023
2690	2690	4490	6295	8060	5380	3585	3585	4490	4490	3585	3585	4260
5380	7180	4490	2690	3585	-	4490	-	7180	7180	8950	8950	4740
12590	18870	18870	17950	17050	13430	11690	13430	13430	11690	8950	8950	12412
4490	5380	3585	3585	8060	8950	32300	16130	11690	11690	10770	12590	9460
14350	14350	7180	11690	4490	5380	5380	7180	7180	7180	14350	8950	10131
14350	17950	26900	25150	20350	17950	17950	16130	23360	12590	6295	8060	13673
-	13430	8950	-	-	-	8950	4490	-	12590	8950	8950	9327
-	-	-	-	-	-	8950	5380	8950	6295	-	5380	6479
4490	5380	2690	3585	3585	4490	-	10770	8950	12590	11690	10770	6230
5380	6295	8950	5380	11690	13430	9860	7180	10770	12590	7180	7180	7850
7180	9860	10770	17050	18870	17950	15250	15250	14350	13430	14350	12590	12303
10770	12590	11690	8060	7180	7180	8950	9860	14350	8950	9860	8950	7998
4490	3585	4490	4490	6295	8060	3585	8950	3585	3585	4490	6295	7031
7180	4490	3585	1795	4490	3585	5380	7180	4490	3585	5380	4490	5682
3585	4490	3585	3585	16130	10770	13430	17950	12590	13430	11690	10770	8037
8950	14350	8060	6295	10770	7180	14350	20350	12590	10770	8950	6295	11465
7589	8672	8438	8221	8858	8754	9729	10178	10368	9841	8941	8312	8690

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	10.6	4.5	7.6	9.1	6.0	7.6	3.0	- 4.7	3.0	3.0	10.6	6.0	7.6
2	4.5	12.1	10.6	10.6	7.6	6.0	4.5	3.0	7.6	10.6	12.1	13.6	9.1
3	7.6	12.1	9.1	7.6	3.0	3.0	1.5	4.5	7.6	9.1	9.1	13.6	9.1
4	10.6	12.1	13.6	15.1	9.1	7.6	3.0	1.5	10.6	15.1	13.6	19.7	9.1
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	13.6	19.7	13.6	13.6	-	-	21.2	13.6	12.1	13.6	15.1	19.7	7.6
7	12.1	18.1	12.1	12.1	12.1	12.1	12.1	10.6	15.1	18.5	7.6	9.1	19.7
8	16.6	16.6	16.6	15.1	12.1	12.1	13.6	19.7	16.6	19.7	18.1	10.6	9.1
9	12.1	6.0	15.1	12.1	6.0	4.5	4.5	12.1	19.7	21.2	16.6	21.2	-
10	46.9	40.8	48.4	46.9	48.4	40.8	42.3	39.3	40.8	45.4	40.8	40.8	33.3
11	27.2	34.8	36.3	33.3	28.7	25.7	27.2	31.8	39.3	28.7	34.8	39.3	19.7
12	30.2	28.7	31.8	28.7	27.2	19.7	1.5	10.6	15.1	12.1	13.6	9.1	13.6
13	15.1	12.1	12.1	10.6	7.6	3.0	1.5	-	-	-	-	-	-
14	4.5	12.1	7.6	12.1	6.0	1.5	1.5	6.0	10.6	12.1	6.0	13.6	3.0
15	6.0	4.5	7.6	7.6	1.5	1.5	1.5	3.0	7.6	13.6	10.6	4.5	1.5
16	9.1	9.1	10.6	12.1	6.0	1.5	- 1.6	4.5	12.1	15.1	13.6	9.1	6.0
17	4.5	6.0	6.0	6.0	4.5	- 3.2	- 3.2	4.5	12.1	10.6	7.6	-	-
18	- 6.4	- 6.4	- 3.2	- 3.2	- 8.0	- 9.5	-19.1	- 9.5	- 6.4	- 3.2	- 6.4	- 6.4	- 4.7
19	- 1.6	- 3.2	- 1.6	- 1.6	- 6.4	- 8.0	- 8.0	- 3.2	1.5	1.5	- 3.2	3.0	- 3.2
20	4.5	1.5	1.5	- 1.6	- 1.6	1.5	3.0	4.5	- 3.2	- 3.2	1.5	6.0	- 1.6
21	4.5	6.0	4.5	4.5	- 4.7	- 4.7	- 6.4	- 4.7	1.5	6.0	3.0	3.0	1.5
22	4.5	3.0	3.0	7.6	1.5	3.0	- 3.2	- 3.2	3.0	3.0	4.5	4.5	4.5
23	9.1	6.0	4.5	1.5	1.5	- 1.6	- 6.4	- 1.6	7.6	12.1	- 1.6	3.0	4.5
24	6.0	6.0	7.6	9.1	4.5	1.5	4.5	3.0	4.5	- 1.6	3.0	4.5	3.0
25	9.1	12.1	6.0	7.6	6.0	3.0	6.0	6.0	13.6	9.1	3.0	7.6	10.6
26	12.1	7.6	6.0	9.1	3.0	- 4.7	- 3.2	1.5	7.6	13.6	6.0	9.1	3.0
27	4.5	6.0	9.1	10.6	-	-	-	1.5	1.5	6.0	1.5	3.0	4.5
28	9.1	13.6	9.1	12.1	9.1	6.0	6.0	6.0	9.1	10.6	3.0	9.1	7.6
29	7.6	9.1	10.6	13.6	10.6	4.5	3.0	4.5	10.6	12.1	9.1	9.1	6.0
30	13.6	9.1	7.6	9.1	3.0	- 3.2	6.0	- 1.6	6.0	12.1	15.1	21.2	7.6
31	4.5	4.5	6.0	9.1	1.5	1.5	1.5	3.0	6.0	6.0	1.5	7.6	10.6
Prom	10.4	10.8	10.9	11.3	7.4	4.7	4.1	5.7	10.1	11.5	9.3	11.2	7.5
Var.	3.4	3.8	3.9	4.3	0.4	- 2.3	- 2.9	- 1.3	3.1	4.5	2.3	4.2	0.5

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	7.1	14.2	14.2	17.1	14.2	14.2	14.2	10.0	10.0	8.6	11.4	11.4	10.0
2	4.3	14.2	20.0	21.4	14.2	11.4	17.1	17.1	17.1	17.1	14.2	15.7	18.5
3	11.4	14.2	17.1	18.5	12.8	7.1	11.4	12.8	17.1	20.0	14.2	15.7	15.7
4	17.1	21.4	20.0	20.0	11.4	11.4	17.1	25.6	-	-	-	17.1	14.2
5	8.6	14.2	17.1	17.1	5.7	- 4.3	10.0	10.0	11.4	14.2	11.4	10.0	20.0
6	10.0	11.4	10.0	18.5	-	-	11.4	14.2	12.8	14.2	12.8	11.4	17.1
7	5.7	24.2	24.2	24.2	15.7	12.8	18.5	18.5	22.8	17.1	7.1	15.7	20.0
8	21.4	25.6	22.8	27.1	22.8	14.2	18.5	20.0	20.0	20.0	17.1	20.0	20.0
9	14.2	22.8	24.2	25.6	18.5	17.1	17.1	20.0	18.5	21.4	18.5	18.5	20.0
10	17.1	24.2	21.4	22.8	21.4	10.0	17.1	20.0	21.4	17.1	11.4	17.1	18.5
11	15.7	17.1	18.5	22.8	15.7	12.8	14.2	21.4	14.2	18.5	10.0	12.8	12.8
12	15.7	20.0	20.0	21.4	18.5	18.5	21.4	24.2	21.4	22.8	18.5	18.5	24.2
13	8.6	18.5	21.4	22.8	20.0	20.0	18.5	-	-	-	-	-	-
14	- 8.5	21.4	25.6	25.6	15.7	11.4	21.4	22.8	20.0	20.0	14.2	20.0	22.8
15	17.1	24.2	22.8	22.8	17.1	14.2	14.2	18.5	15.7	18.5	17.1	21.4	20.0
16	17.1	28.5	25.6	27.1	20.0	18.5	17.1	18.5	20.0	24.2	20.0	24.2	22.8
17	14.2	20.0	21.4	18.5	14.2	11.4	12.8	14.2	20.0	14.2	-	-	-
18	10.0	12.8	12.8	14.2	10.0	14.2	4.3	12.8	12.8	11.4	11.4	8.6	12.8
19	11.4	14.2	17.1	17.1	10.0	8.6	7.1	14.2	14.2	15.7	12.8	15.7	15.7
20	8.6	15.7	18.5	20.0	20.0	20.0	15.7	12.8	14.2	12.8	12.8	10.0	14.2
21	- 2.8	17.1	21.4	17.1	12.8	8.6	12.8	15.7	15.7	15.7	12.8	15.7	15.7
22	14.2	20.0	20.0	18.5	14.2	12.8	12.8	17.1	14.2	12.8	12.8	12.8	15.7
23	12.8	21.4	18.5	25.6	14.2	12.8	14.2	20.0	18.5	21.4	18.5	21.4	20.0
24	17.1	21.4	22.8	25.6	15.7	15.7	17.1	18.5	20.0	18.5	18.5	14.2	18.5
25	11.4	18.5	15.7	20.0	14.2	8.6	15.7	14.2	11.4	14.2	12.8	14.2	15.7
26	17.1	22.8	18.5	20.0	14.2	10.0	11.4	15.7	17.1	18.5	18.5	20.0	22.8
27	8.6	18.5	20.0	20.0	-	-	-	12.8	14.2	14.2	18.5	18.5	18.5
28	2.8	22.8	25.6	27.1	17.1	14.2	18.5	18.5	21.4	20.0	17.1	24.2	21.4
29	25.6	25.6	27.1	25.6	20.0	10.0	18.5	20.0	17.1	14.2	12.8	15.7	12.8
30	15.7	22.8	22.8	22.8	14.2	10.0	11.4	18.5	20.0	20.0	12.8	7.1	14.2
31	17.1	18.5	15.7	18.5	11.4	4.3	11.4	15.7	12.8	14.2	12.8	11.4	12.8
Prom	11.8	19.6	26.0	21.5	15.7	12.1	14.8	17.1	16.8	16.9	14.4	15.8	17.5
Var.	- 4.7	3.1	9.5	5.0	- 0.8	- 4.4	- 1.7	0.6	0.3	0.4	- 2.1	- 0.7	1.0

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
3.0	- 3.2	- 1.6	- 4.7	- 4.7	- 3.2	3.0	7.6	6.0	6.0	9.1	3.8	1
9.1	4.5	4.5	- 1.6	1.5	3.0	6.0	9.1	4.5	7.6	6.0	6.9	1
9.1	4.5	3.0	- 3.2	- 9.5	- 3.2	-	-	1.5	4.5	9.1	5.1	2
10.6	18.5	13.6	-	-	-	-	-	-	-	-	11.5	1
-	-	-	-	-	-	15.1	16.6	10.6	13.6	15.1	14.2	1
9.1	4.5	3.0	4.5	6.0	9.1	7.6	13.6	9.1	10.6	13.6	11.6	1
1.5	- 1.6	- 3.2	-	-	-	-	-	16.6	15.1	15.1	11.3	2
4.5	- 3.2	1.5	1.5	3.0	4.5	10.6	9.1	12.1	12.1	12.1	11.0	0
-	-14.3	- 6.4	3.0	22.7	39.3	48.4	54.4	57.4	55.9	52.9	21.1	2
18.1	22.7	27.2	31.8	27.2	30.2	28.7	31.8	27.2	28.7	30.2	35.8	0
13.6	10.6	19.7	18.1	19.7	19.7	19.7	22.7	27.2	30.2	34.8	26.8	2
10.6	- 3.2	1.5	- 6.4	- 3.2	1.5	13.6	9.1	6.0	12.1	7.6	12.1	2
-	-	-	-	-	-	7.6	7.6	1.5	13.6	12.1	8.7	1
3.0	- 4.7	- 3.2	- 4.7	4.5	4.5	10.6	9.1	7.6	9.1	12.1	6.0	2
3.0	- 4.7	4.5	1.5	6.0	7.6	4.5	7.6	9.1	7.6	9.1	5.3	1
3.0	- 4.7	- 1.6	- 3.2	1.5	- 3.2	4.5	9.1	6.0	7.6	6.0	5.5	1
-	-	-	-	7.6	1.5	- 3.2	1.5	1.5	1.5	6.0	3.9	1
- 8.0	- 9.5	-11.1	-12.7	-11.1	- 8.0	- 8.0	- 3.2	- 8.0	- 8.0	- 4.7	- 7.7	1
- 6.4	- 6.4	- 9.5	-12.7	-15.9	-14.3	- 8.0	- 3.2	- 3.2	- 1.6	- 3.2	- 4.9	1
- 3.0	- 9.5	- 9.5	- 8.0	- 9.5	- 9.5	- 6.4	- 3.2	- 3.2	4.5	3.0	- 1.7	0
1.5	- 4.7	- 4.7	- 4.7	- 6.4	- 4.7	1.5	- 1.6	1.5	3.0	3.0	0.1	0
3.0	- 4.7	- 4.7	- 6.4	- 3.2	- 4.7	1.5	4.5	1.5	6.0	6.0	1.4	0
- 1.6	3.0	4.5	- 6.4	- 1.6	- 1.6	- 3.2	3.0	3.0	4.5	6.0	2.0	1
4.5	7.6	12.1	6.0	3.0	- 1.6	4.5	4.5	4.5	9.1	7.6	4.9	1
3.0	1.5	- 1.6	- 6.4	3.0	- 1.6	3.0	4.5	6.0	9.1	10.6	5.4	1
1.5	- 1.6	4.5	3.0	3.0	4.5	6.0	6.0	1.5	- 1.6	4.5	4.2	1
- 1.6	- 1.6	1.5	- 1.6	4.7	3.0	6.0	9.1	9.1	10.6	3.0	4.3	2
3.0	1.5	3.0	- 3.2	- 1.6	6.0	9.1	7.6	12.1	9.1	12.1	7.0	1
3.0	- 3.2	- 3.2	- 4.7	- 3.2	- 1.6	3.0	3.0	3.0	4.5	3.0	4.8	0
1.5	- 3.2	-11.1	-12.1	-11.1	15.1	13.6	7.6	9.1	7.6	6.0	5.4	2
- 1.6	1.5	1.5	-11.1	- 4.7	- 1.6	3.0	6.0	7.6	6.0	6.0	3.2	1
3.6	- 0.1	1.2	- 1.7	1.0	3.4	7.2	9.0	8.3	10.0	10.8	7.0	
- 3.4	- 7.1	- 5.8	- 8.7	- 6.0	- 3.6	0.2	2.0	1.3	3.0	3.8		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
12.8	14.2	17.1	17.1	14.2	15.7	12.8	12.8	11.4	15.7	- 4.3	12.3	1
15.7	15.7	17.1	18.5	15.7	15.7	12.8	12.8	17.1	18.5	8.6	15.4	1
17.1	14.2	17.1	14.2	14.2	12.8	11.4	17.1	12.8	20.0	7.1	14.4	1
18.5	18.5	15.7	17.1	5.7	8.6	8.6	12.8	14.2	21.4	5.7	15.3	2
14.2	11.4	17.1	14.2	14.2	15.7	15.7	20.0	18.5	21.4	10.0	13.2	1
21.4	21.4	18.5	12.8	14.2	11.4	10.0	15.7	14.2	24.2	7.1	14.3	1
15.7	14.2	-	-	-	-	-	-	24.2	28.5	17.1	18.1	2
21.4	27.1	24.2	24.2	21.4	21.4	20.0	18.5	24.2	29.9	14.2	21.5	1
22.8	24.2	22.8	22.8	21.4	11.4	8.6	14.2	17.1	22.8	10.0	18.9	1
18.5	18.5	15.7	14.2	12.8	11.4	10.0	15.7	14.2	24.2	7.1	16.7	1
14.2	14.2	18.5	18.5	17.1	18.5	18.5	22.8	18.5	25.6	11.4	16.8	2
21.4	20.0	24.2	17.1	10.0	21.4	15.7	20.0	20.0	24.2	15.7	19.8	2
-	-	-	-	-	-	11.4	18.5	17.1	25.6	7.1	17.4	2
21.4	21.4	22.8	20.0	17.1	15.7	15.7	22.8	18.5	25.6	8.6	18.4	2
21.4	18.5	24.2	21.4	20.0	17.1	17.1	22.8	21.4	31.4	12.8	19.6	1
22.8	21.4	24.2	20.0	21.4	17.1	17.1	20.0	20.0	24.2	11.4	21.0	1
-	-	-	-	-	-	5.7	7.1	8.6	14.2	2.8	13.3	2
11.4	10.0	15.7	11.4	11.4	11.4	10.0	15.7	12.8	20.0	1.4	11.6	1
15.7	17.1	14.2	11.4	11.4	12.8	15.7	15.7	17.1	21.4	1.4	13.6	1
12.8	12.8	12.8	11.4	11.4	11.4	10.0	12.8	12.8	15.7	2.8	13.4	1
17.1	14.2	14.2	17.1	17.1	15.7	18.5	15.7	17.1	25.6	11.4	15.1	1
18.5	14.2	18.5	15.7	17.1	15.7	15.7	17.1	20.0	21.4	5.7	15.7	1
20.0	18.5	17.1	18.5	18.5	17.1	17.1	22.8	22.8	25.6	12.8	18.8	1
17.1	14.2	- 2.8	- 5.7	8.6	8.6	11.4	14.2	15.7	21.4	8.6	14.8	1
17.1	17.1	20.0	17.1	17.1	14.2	14.2	17.1	17.1	21.4	12.8	15.5	2
22.8	18.5	18.5	17.1	15.7	15.7	14.2	18.5	18.5	24.2	10.0	17.5	2
20.0	20.0	18.5	14.2	15.7	17.1	11.4	18.5	14.2	22.8	7.1	16.3	2
20.0	18.5	22.8	6.0	18.5	14.2	20.0	22.8	18.5	21.4	10.0	18.5	2
12.8	8.6	11.4	10.0	8.6	8.6	7.1	10.0	17.1	18.5	14.2	15.5	1
18.5	18.5	20.0	14.2	15.7	15.7	15.7	22.8	22.8	25.6	21.4	17.6	1
12.8	10.0	15.7	12.8	14.2	12.8	10.0	15.7	17.1	22.8	15.7	14.0	1
17.8	16.8	17.7	15.1	15.0	14.5	13.4	17.1	17.3	22.7	9.3	16.5	
1.3	0.3	1.2	- 1.4	- 1.5	- 2.0	- 3.1	0.6	0.8	6.2	- 7.2		

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	55.7	54.5	53.8	54.0	54.1	54.7	55.2	55.4	55.3	55.1	55.0	54.5	54.0	53.4	52.8
2	52.5	52.1	52.2	52.7	52.7	52.5	53.2	53.4	52.6	52.4	52.0	51.6	51.2	50.9	50.5
3	54.0	54.0	54.0	54.2	54.5	56.3	56.4	56.3	56.1	56.0	56.0	55.9	55.4	55.1	54.5
4	51.9	54.6	55.1	55.5	55.9	56.2	56.1	55.4	55.2	55.0	54.3	53.9	53.1	52.4	52.2
5	56.7	56.7	57.0	58.0	58.2	58.5	59.6	60.2	59.8	59.8	59.9	60.0	60.1	60.2	60.1
6	60.7	60.0	59.8	59.8	59.8	60.0	60.1	60.0	60.1	60.0	59.5	59.3	59.0	58.7	57.8
7	56.3	56.1	56.0	56.1	56.2	56.4	56.7	56.6	56.6	56.5	56.3	56.2	55.9	55.6	54.9
8	55.0	54.9	55.1	55.2	55.7	56.2	56.4	56.4	56.3	56.1	55.8	55.3	54.8	54.3	53.8
9	54.0	53.9	54.0	54.1	54.1	54.4	54.5	54.3	54.1	53.9	53.5	53.0	51.9	51.3	50.8
10	51.2	50.9	50.6	51.1	52.1	52.3	52.4	52.4	52.3	52.4	52.3	52.1	52.2	52.1	52.2
11	59.1	58.9	59.1	59.2	59.6	59.7	60.3	60.4	60.6	60.7	60.9	60.5	60.4	60.3	59.7
12	60.5	60.5	60.2	60.3	60.5	60.7	61.2	60.7	60.6	60.4	59.9	60.2	59.5	59.6	60.0
13	56.4	61.3	61.2	61.3	56.6	57.0	57.5	56.8	56.8	57.2	57.4	57.5	57.1	56.7	55.8
14	57.4	57.4	57.3	57.5	57.6	57.8	58.0	58.3	58.1	57.7	57.6	57.4	56.7	56.5	55.9
15	56.8	56.7	56.6	56.6	56.7	56.8	57.3	57.0	56.7	56.6	56.6	56.2	55.9	55.7	55.3
16	55.5	55.0	54.8	54.7	54.6	54.7	54.7	54.7	54.8	54.8	54.5	54.4	53.9	54.1	53.3
17	55.3	55.6	56.0	56.2	56.8	57.5	57.7	57.8	58.2	58.6	58.9	58.9	58.9	58.8	58.7
18	60.4	60.2	60.0	60.1	60.2	60.2	60.4	60.6	60.5	60.5	60.2	59.5	58.8	58.4	57.9
19	57.9	57.9	57.8	57.9	57.9	58.0	58.4	58.0	57.7	57.6	57.4	56.7	56.5	56.2	55.7
20	56.9	56.7	56.2	56.7	57.0	57.7	58.0	58.7	58.8	59.0	59.0	58.9	58.7	58.6	58.7
21	59.1	58.8	58.6	58.5	58.5	58.7	58.9	59.2	59.0	59.2	59.1	58.7	58.4	58.1	57.7
22	58.7	58.2	57.9	57.9	58.0	58.5	58.5	58.4	58.6	58.8	58.5	58.4	58.6	58.5	57.8
23	57.5	57.2	57.0	56.9	57.4	57.5	57.6	57.5	57.1	57.0	56.8	56.5	55.7	55.4	55.0
24	54.2	53.8	53.4	53.0	53.1	52.8	52.8	52.8	52.6	52.5	52.3	51.5	50.7	50.0	51.4
25	52.2	52.4	52.4	52.5	54.4	55.6	56.9	57.5	58.1	58.3	58.5	58.5	58.5	58.3	58.3
26	61.6	61.8	61.8	61.9	62.3	62.6	62.9	63.4	63.4	63.4	63.1	63.3	62.7	62.4	61.6
27	60.1	59.8	59.5	59.4	59.7	59.9	59.9	59.7	59.5	59.1	58.9	58.8	58.0	57.9	57.2
28	55.2	54.8	54.7	54.8	55.2	55.3	55.3	55.0	54.9	54.8	54.3	53.5	53.1	52.2	51.8
29	52.4	52.1	53.3	52.0	52.9	53.1	53.4	53.5	54.0	53.7	53.2	52.6	52.9	52.1	51.1
30	52.1	51.9	51.5	52.0	52.3	52.5	53.0	53.3	53.4	53.3	53.1	53.0	52.9	52.6	52.7
31	56.1	56.3	56.9	57.0	57.4	58.0	58.3	59.0	58.9	58.9	58.7	58.2	57.9	57.1	56.7
Prom	56.2	56.3	56.2	56.4	56.5	56.8	57.1	57.2	57.1	57.1	56.7	56.6	56.2	55.9	55.5

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	20.5	19.6	19.1	18.8	18.0	19.4	22.5	25.8	27.6	29.0	30.4	31.5	32.5	32.5	32.2
2	22.4	22.7	21.3	20.9	20.5	21.2	24.4	27.2	29.4	31.6	33.3	34.6	35.7	36.2	37.0
3	18.5	18.0	17.2	17.0	15.6	17.4	23.3	25.2	26.4	28.0	29.7	30.3	31.8	32.2	31.6
4	26.2	24.5	19.6	19.4	18.9	20.2	21.2	23.0	24.2	24.1	24.3	25.7	28.6	31.4	32.6
5	18.2	18.1	17.7	16.6	15.9	16.0	16.5	18.0	19.8	21.8	24.0	24.1	24.2	24.2	24.0
6	16.3	15.7	15.1	14.5	13.9	14.9	17.8	19.8	20.7	22.9	24.5	25.9	27.0	27.8	28.0
7	16.6	16.4	15.2	15.0	15.6	16.0	20.4	24.8	27.0	29.2	30.7	31.7	33.0	34.2	34.6
8	22.3	21.7	21.5	20.6	20.6	22.1	26.9	30.2	32.0	33.4	34.0	34.7	35.3	35.4	35.5
9	22.7	22.0	21.6	21.2	20.7	21.9	25.5	29.0	31.2	33.1	34.0	35.4	35.7	36.2	35.0
10	21.8	22.2	21.8	21.5	20.9	21.2	23.5	25.6	26.2	26.4	28.6	30.6	29.7	30.6	30.2
11	17.8	16.9	16.0	14.9	13.9	13.8	16.1	18.8	20.7	22.1	23.3	23.8	24.3	24.8	24.2
12	19.0	17.9	17.5	17.3	17.3	18.1	19.0	19.2	20.6	20.8	21.4	20.9	21.2	21.2	19.1
13	14.9	14.7	15.2	15.4	15.1	16.3	19.7	22.2	24.2	25.6	26.7	27.3	28.2	29.2	28.9
14	20.2	19.8	20.2	20.2	20.2	20.9	23.5	25.2	26.4	27.8	29.8	30.6	31.5	30.4	31.7
15	21.8	20.9	20.5	19.2	18.3	18.3	21.3	24.6	27.1	29.1	30.5	31.7	32.4	33.0	32.9
16	23.6	23.0	21.7	20.3	20.7	21.3	24.1	27.8	30.4	32.9	33.6	31.4	32.6	31.8	31.3
17	20.2	18.9	17.4	16.2	15.0	14.5	17.6	19.8	26.4	22.3	23.0	23.8	23.8	24.6	24.6
18	13.2	11.1	9.4	8.8	7.8	7.3	14.7	18.8	21.1	22.9	24.9	26.6	27.9	28.2	28.0
19	13.8	12.4	11.6	11.5	13.1	14.9	18.3	21.4	25.0	27.0	28.9	30.1	30.8	31.8	32.1
20	19.3	17.9	18.9	18.2	17.2	18.0	20.0	23.2	26.8	27.1	27.4	28.1	27.9	27.4	27.1
21	21.5	21.1	20.3	19.2	19.1	19.1	19.6	20.6	21.8	23.3	25.7	26.8	27.8	28.4	28.9
22	17.2	16.3	15.8	15.1	14.8	15.0	17.2	21.2	22.5	24.3	25.1	25.9	26.7	27.2	27.5
23	20.7	20.6	19.9	19.2	18.6	18.8	20.1	22.4	23.8	24.7	25.6	27.0	27.1	28.0	28.2
24	21.2	22.8	22.8	22.5	22.3	21.7	23.2	25.6	25.5	28.0	28.5	30.3	31.6	29.4	21.9
25	21.6	21.2	21.0	20.7	20.6	19.2	18.8	20.4	21.9	23.1	24.9	26.2	27.1	27.8	28.1
26	16.3	15.9	14.5	14.3	13.3	13.0	16.6	20.2	21.6	21.3	22.7	23.7	22.7	23.8	23.9
27	19.8	19.1	18.4	17.8	16.8	16.8	17.6	22.6	22.6	26.3	29.7	31.5	33.3	34.0	36.0
28	29.0	27.1	24.7	22.8	20.9	21.3	24.6	27.4	30.9	32.8	34.4	35.9	36.8	37.6	37.2
29	22.6	22.2	21.7	20.9	20.7	20.7	21.3	22.2	23.2	23.8	24.0	23.2	23.2	23.2	22.0
30	19.1	18.2	17.7	17.6	17.8	17.8	19.7	22.4	25.1	28.2	29.9	31.1	32.8	33.0	32.6
31	17.6	18.3	17.6	16.7	15.3	14.5	17.3	21.0	23.4	25.5	26.4	27.9	28.5	28.8	28.9
Prom	19.9	19.3	18.5	17.9	17.4	17.8	20.4	23.1	25.0	26.7	27.0	28.6	29.4	29.8	29.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
52.1	51.7	52.0	52.1	52.3	52.1	52.7	52.9	52.9	56.3	0	51.7	17	4.6	753.7 mm.	1004.9 mb.
50.4	50.6	51.3	52.3	53.3	54.0	54.4	54.8	54.9	54.9	24	50.4	16	4.5	52.4	1003.2
53.6	52.6	52.9	53.5	53.3	53.0	52.3	52.9	52.4	56.4	7	51.7	21-22	4.7	54.4	1005.8
52.7	54.1	55.4	54.0	54.9	55.9	56.1	56.3	56.8	56.8	24	51.6	0-1	5.2	54.7	1006.2
60.0	59.9	59.9	60.2	60.3	60.4	61.0	60.9	60.8	61.0	22	56.7	1,2	4.3	59.5	1012.6
57.1	56.7	56.2	56.3	56.2	56.2	56.3	56.5	56.6	60.8	0	56.2	varios	4.6	58.4	1011.2
54.3	54.0	54.0	54.2	54.5	54.9	55.0	55.1	55.1	56.7	7	54.0	17,18	2.7	55.6	1007.4
53.3	52.6	52.5	52.7	53.2	53.6	53.5	53.8	53.8	56.4	7,8	52.5	18	3.9	54.6	1006.1
49.9	49.6	54.0	52.1	53.0	52.9	52.0	52.6	51.6	54.9	18-19	49.6	17	5.3	52.9	1003.8
52.2	52.5	52.9	54.0	54.9	55.7	57.5	58.3	59.1	59.1	24	50.6	3	8.5	53.2	1004.2
59.4	59.3	59.7	60.1	60.4	60.5	60.8	60.7	60.7	60.9	11	58.9	2	2.0	60.0	1013.3
58.5	57.6	57.5	58.3	57.7	57.5	57.4	57.6	57.2	61.2	7	56.4	20-21	4.8	59.3	1012.4
55.5	54.9	54.8	55.3	55.6	56.4	56.7	56.8	57.4	57.6	7-8	54.8	18	2.8	57.1	1009.4
55.6	55.6	55.8	56.0	56.2	56.8	56.8	56.9	56.9	58.3	8	55.6	16,17	2.7	57.0	1009.3
54.8	54.4	54.2	54.4	54.8	55.3	55.6	55.8	55.4	57.3	7	54.2	18	3.1	55.9	1007.8
52.7	52.6	52.9	53.3	53.3	53.7	53.9	53.9	54.7	55.5	1	52.6	17	2.9	54.1	1005.4
58.7	58.4	58.5	58.8	59.0	59.3	59.9	60.2	60.5	60.5	24	54.7	0	5.8	58.2	1010.9
57.6	57.5	57.6	57.7	57.7	57.9	57.9	58.0	58.0	60.6	8	57.5	17	3.1	59.1	1012.1
55.3	55.5	55.8	56.1	56.6	56.7	56.7	56.8	56.8	58.4	7	55.3	16	3.1	57.0	1009.3
58.4	58.0	58.2	58.2	58.5	59.1	59.1	59.1	59.1	59.1	varios	56.2	3	2.9	58.2	1010.9
57.6	57.8	57.9	58.1	58.7	59.1	59.1	59.0	59.1	59.2	8,10	57.6	16	1.6	58.6	1011.4
57.6	57.3	57.4	57.2	57.6	57.7	57.8	58.0	57.7	59.1	0	57.2	19	1.9	58.0	1010.6
54.6	54.6	54.8	55.0	55.6	55.7	55.6	55.4	55.1	57.7	0	54.6	16,17	3.1	56.2	1008.2
50.6	50.1	50.1	50.5	50.9	51.4	51.9	52.3	52.1	55.1	0	50.0	16	5.1	51.9	1002.5
58.4	58.5	59.0	59.8	60.4	60.7	61.2	61.4	61.5	61.5	24	52.1	0	9.4	57.6	1010.1
61.2	60.5	60.6	60.7	60.8	61.0	60.9	60.7	60.4	63.4	varios	60.4	24	3.0	61.9	1015.8
56.4	56.3	56.4	56.3	56.4	56.3	56.2	56.3	55.7	60.4	0	55.7	24	4.7	58.1	1010.8
51.5	50.9	51.0	51.7	51.5	54.4	53.7	53.3	53.0	55.7	0	50.9	17	4.8	53.6	1004.8
51.6	51.6	51.2	51.5	52.3	53.0	53.0	52.9	52.4	54.0	9	51.1	15	2.9	52.6	1003.4
52.6	52.3	52.9	53.3	54.0	54.7	55.0	55.3	56.0	56.0	24	51.5	3	4.5	53.2	1004.2
56.0	55.7	55.7	55.8	55.9	56.5	56.8	57.5	57.5	59.0	8	55.7	17,18	3.3	57.2	1009.6
55.1	55.0	55.3	55.5	55.8	56.2	56.3	56.5	56.5	58.2		54.1		4.1	56.3	1008.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
31.3	32.5	29.9	27.8	25.8	24.4	24.0	23.9	22.8	33.1	13-14	18.0	5	15.1	25.9
36.1	34.8	34.2	29.9	26.6	24.1	22.0	20.7	19.3	37.0	15	19.3	24	17.7	27.7
32.0	29.1	28.3	26.7	24.8	25.8	26.7	27.2	26.8	32.2	14	15.6	5	16.6	25.4
25.7	19.7	19.8	19.7	20.4	20.4	20.4	20.4	20.2	32.6	15	18.9	5	13.7	22.2
23.5	22.9	22.5	20.4	19.0	17.8	16.9	16.0	16.5	24.4	13-14	15.9	5	8.5	19.8
28.2	28.1	27.1	24.5	20.6	18.5	17.0	16.3	15.4	28.3	15-16	13.6	5-6	14.7	20.8
34.2	32.6	31.1	28.9	26.2	24.5	23.8	23.1	22.9	34.6	15	14.9	4-5	19.7	25.3
35.1	34.2	32.4	29.3	27.0	26.0	25.7	24.5	23.8	35.5	15	20.4	4-5	15.1	28.5
33.6	31.8	23.9	21.6	22.2	22.2	22.3	22.3	21.8	36.4	13-14	20.7	5	15.7	27.0
28.9	26.3	26.4	26.2	25.0	24.0	21.0	19.5	18.4	30.8	14-15	18.4	24	12.4	25.3
24.2	23.9	22.9	21.2	20.4	20.3	19.1	18.3	19.2	24.8	14	13.5	5-6	11.3	20.0
20.2	20.2	19.2	18.0	17.0	16.0	15.8	15.7	15.6	21.4	11	15.6	24	5.8	18.7
29.4	30.3	29.5	27.7	25.4	23.8	23.6	23.1	21.2	30.3	17	14.7	2	15.6	23.2
31.8	30.6	29.1	26.8	25.0	23.9	23.3	22.7	22.5	22.3	15-16	19.8	2	12.5	25.6
32.4	32.0	30.9	28.1	26.0	25.0	24.5	24.0	23.7	33.0	14	18.0	5-6	15.0	26.2
30.8	29.5	29.4	27.9	26.2	24.7	23.2	22.5	22.3	34.1	10-11	20.0	4-5	14.1	26.7
24.3	23.7	23.0	21.6	19.7	17.3	15.7	14.8	13.9	24.6	14,15	13.9	24	10.7	20.1
27.0	25.6	23.7	21.5	20.2	19.7	18.9	17.5	15.9	28.5	13-14	7.1	5-6	21.4	19.2
32.2	30.4	29.1	25.6	23.6	23.0	22.1	21.7	20.9	32.2	16	11.5	4	20.7	23.0
26.0	25.2	24.4	23.6	23.0	22.8	22.5	22.7	22.2	28.1	12	16.9	5-6	11.2	23.2
29.3	28.0	25.8	23.4	21.9	20.8	20.2	19.8	18.5	29.4	15-16	18.5	24	10.9	23.0
27.4	26.5	24.9	22.8	21.6	20.7	19.9	20.3	20.4	27.6	15-16	14.7	5-6	12.9	21.5
27.2	26.5	25.6	24.0	23.2	22.9	22.4	22.0	21.4	28.3	14-15	18.5	5-6	9.8	23.3
21.7	25.5	27.2	25.5	24.0	23.1	22.5	22.2	21.6	32.6	13-14	21.2	1	11.4	24.6
28.4	25.0	23.2	21.6	20.8	20.1	18.9	18.1	17.1	28.6	16-17	17.1	24	11.5	22.3
23.8	24.4	24.2	22.6	21.6	20.9	20.7	20.6	20.1	24.7	17-18	13.0	6	11.7	20.1
36.0	34.7	32.6	30.3	28.8	26.9	27.6	26.9	25.7	36.0	15,16	16.8	5,6	19.2	26.3
37.0	36.5	34.7	28.3	26.2	24.8	22.3	21.5	21.8	37.6	14	17.9	5-6	19.7	29.0
22.4	22.9	22.7	22.2	21.4	20.8	20.3	19.6	19.1	24.2	10-11	19.1	24	5.1	21.9
32.4	31.9	29.9	27.2	24.0	20.4	18.0	16.2	17.9	33.0	14	15.8	23-24	17.2	24.2
28.8	28.3	26.4	24.5	23.6	22.9	22.5	22.2	21.8	29.2	14-15	14.5	6	14.7	22.9
29.1	28.2	26.9	24.8	23.3	22.2	21.4	20.8	20.3	30.5		16.6		13.9	23.6

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	14.5	14.5	15.0	14.5	14.0	15.5	16.5	14.2	14.0	14.0	13.5	14.5	15.5	14.8	15.0
2	16.5	15.5	14.5	13.0	13.0	13.5	13.0	13.7	13.0	13.0	10.5	9.0	9.5	8.8	8.0
3	12.0	12.5	12.5	12.5	12.0	13.5	15.0	14.2	10.5	10.5	10.0	8.5	9.5	8.2	7.8
4	10.5	14.0	14.0	13.5	14.0	11.5	11.5	13.6	13.0	13.5	14.0	16.0	16.5	16.5	17.5
5	12.5	11.0	10.0	10.5	11.0	11.0	11.5	12.3	12.5	12.0	10.5	10.5	10.5	11.2	10.5
6	11.0	11.0	10.5	10.0	9.5	9.5	10.0	9.8	7.8	7.8	8.5	8.0	8.5	8.7	7.8
7	11.5	10.5	10.5	11.0	11.5	11.0	12.0	11.2	11.0	12.5	14.0	14.5	16.0	15.5	15.0
8	17.5	16.5	16.5	16.5	16.5	17.0	16.5	16.4	17.0	16.0	15.0	13.5	13.5	14.7	16.0
9	12.5	13.0	13.0	13.5	14.0	13.0	12.5	12.2	11.0	12.0	13.0	11.5	12.0	12.7	13.5
10	16.0	15.5	15.0	15.5	16.0	17.0	18.5	19.3	18.0	19.5	21.0	20.5	19.0	20.5	20.0
11	11.5	11.0	11.0	11.0	10.0	10.5	10.5	10.4	9.5	9.0	9.0	9.0	9.5	10.6	10.5
12	11.0	11.0	10.5	10.5	10.5	10.5	11.0	10.1	11.0	11.0	11.5	12.0	11.5	13.0	14.0
13	12.0	12.0	12.5	12.5	12.5	13.0	15.5	15.3	14.0	14.0	15.0	15.5	15.0	15.6	15.5
14	15.0	15.0	15.0	16.0	16.0	15.0	15.5	15.6	17.0	16.0	14.5	15.5	16.0	15.6	14.5
15	12.0	11.5	13.0	12.5	12.5	12.5	13.5	15.3	15.0	15.5	15.5	13.0	11.5	12.9	12.0
16	16.5	15.0	15.0	16.0	15.0	13.5	13.5	14.3	13.5	12.0	12.5	16.0	15.5	15.8	16.0
17	11.5	11.5	12.0	11.0	11.5	12.0	11.5	8.4	9.5	7.4	7.8	8.0	8.0	8.4	8.5
18	8.5	9.0	8.5	8.0	7.6	6.6	9.0	6.8	6.0	6.8	6.4	5.8	6.4	7.0	7.8
19	9.0	8.5	8.0	8.5	9.0	9.5	9.5	9.9	8.5	8.5	8.0	8.5	9.0	9.8	8.0
20	12.5	12.5	11.5	12.5	12.5	13.0	13.5	14.7	12.5	12.5	14.0	13.5	13.0	12.2	11.5
21	15.5	14.5	14.5	14.5	15.0	15.0	14.5	15.5	16.0	16.5	16.5	13.5	11.5	10.7	8.0
22	13.5	12.5	13.0	12.5	12.0	12.0	12.5	14.4	13.5	13.0	12.5	9.0	8.5	8.8	8.5
23	15.0	14.0	13.0	12.5	13.0	13.0	13.5	14.6	14.5	14.5	14.0	12.5	11.0	12.6	10.5
24	17.0	16.0	16.0	16.5	17.5	16.5	17.5	17.6	16.0	17.5	18.0	16.5	14.5	15.8	17.0
25	18.5	18.0	18.0	16.5	16.5	15.0	11.5	10.8	11.0	11.0	10.0	8.0	8.5	9.0	7.8
26	10.0	9.5	10.0	10.0	10.0	10.0	10.0	11.9	12.0	11.5	12.5	11.5	11.5	11.5	10.5
27	9.5	10.0	10.5	11.0	11.0	11.0	10.5	13.4	11.5	13.0	13.0	14.5	14.0	14.6	14.5
28	15.5	16.5	15.5	16.0	15.0	15.5	15.5	14.1	12.5	14.0	15.0	14.5	15.0	14.6	13.0
29	16.5	16.0	15.0	15.0	15.5	15.5	15.5	15.7	15.0	15.5	17.0	18.5	17.5	17.1	15.0
30	16.0	15.0	14.5	14.5	14.5	14.5	15.5	15.6	11.0	7.8	5.6	6.0	4.6	5.5	4.6
31	12.0	12.0	11.5	11.5	11.0	10.5	10.5	11.1	9.0	7.8	9.5	10.5	10.5	11.0	11.0
Prom.	13.3	13.1	12.9	12.9	12.9	12.8	13.1	13.3	12.5	12.4	12.5	12.2	12.0	12.4	11.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
45	46	50	54	63	67	67	83	88	96	5-6	41	14	55	65
21	21	25	49	63	69	73	75	78	90	0-1	18	15	72	52
29	30	41	53	65	68	55	45	46	96	5-6	19	13	77	54
63	99	99	98	98	98	97	97	96	100	16-17	42	1-2	58	76
47	54	52	58	67	70	73	80	85	96	0	45	11-12	51	67
26	29	29	43	62	79	85	89	90	90	24	26	16	64	58
35	46	53	61	75	83	85	87	89	91	4-5	35	16	56	64
35	39	40	53	58	55	54	56	59	92	4,5	31	13	61	57
38	49	94	93	89	87	87	86	88	95	18-19	28	13,14	67	60
64	75	71	73	74	75	65	66	70	92	6	62	14-15	30	74
49	48	52	59	64	65	68	70	69	95	5-6	44	varios	51	63
69	69	77	85	90	94	96	97	98	98	24	61	9-10	37	75
51	39	48	56	68	66	66	66	81	100	varios	39	17	61	71
48	50	56	67	65	64	70	71	64	95	4-5	43	15	52	66
34	34	38	50	69	74	75	76	76	85	5-6	31	14-15	54	58
54	56	59	59	63	72	80	88	82	91	23-24	32	10-11	59	63
39	39	43	48	55	65	68	70	71	98	5-6	35	12-13	63	58
29	33	40	57	62	56	50	52	62	100	4,5	21	13	79	54
26	30	33	46	59	70	76	76	74	87	4-5	25	15	62	54
52	58	64	69	72	75	77	87	88	89	5	44	14,15	45	67
20	28	42	59	70	78	80	82	88	92	6	20	16	72	67
26	39	50	67	75	77	82	82	83	97	4,5	23	16-17	74	68
48	55	59	67	73	78	84	87	90	90	24	39	14-15	51	68
91	82	77	87	93	96	97	97	97	97	varios	40	13-14	57	79
44	60	64	69	69	68	72	70	72	97	varios	23	15-16	74	66
57	55	57	67	78	86	88	87	64	92	6	49	14-15	43	70
32	42	42	50	57	62	54	54	57	78	5	32	16	46	55
27	25	31	40	65	71	85	90	87	90	23	22	16-17	68	54
80	79	82	87	89	91	92	94	96	96	24	74	9,10	22	84
14	14	22	30	42	60	71	80	67	100	varios	13	13	87	55
33	32	33	42	58	66	73	73	66	88	6	32	17	56	57
43	47	52	61	69	74	76	78	78	93		35		58	64

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.5	17.0	15.0	14.5	15.5	15.0	15.0	17.5	18.0	18.0	24	13.5	11	4.5	15.1
10.0	9.5	9.0	15.0	16.5	15.0	14.0	13.0	12.5	16.5	1,20	8.0	15	8.5	12.5
9.5	8.0	12.0	13.5	15.1	16.5	13.5	11.5	12.5	16.5	21	7.8	15	8.7	11.7
17.0	16.5	16.5	16.5	17.5	17.0	17.0	17.0	17.0	17.5	15,20	10.5	1	7.0	15.1
10.0	10.5	10.5	10.0	11.1	10.0	10.0	10.5	11.5	12.5	1,9	10.0	varios	2.5	10.9
7.8	7.8	7.4	9.5	11.3	12.0	11.5	12.0	11.0	12.0	21,23	7.4	18	4.6	9.5
13.0	17.5	17.5	17.5	18.9	18.5	18.0	18.5	18.0	18.9	20	10.5	2,3	8.4	14.4
14.0	15.0	13.5	15.5	15.5	13.0	12.5	13.0	12.5	17.5	1	12.5	22,24	5.0	15.2
14.5	16.5	20.0	17.5	17.8	17.0	17.0	17.0	17.0	20.0	18	11.0	9	9.0	14.3
18.5	18.5	18.5	18.0	17.5	16.0	11.5	11.0	10.5	21.0	11	10.5	24	10.5	17.1
10.5	10.5	10.5	10.5	11.5	11.0	11.0	10.5	11.0	11.5	1,20	9.0	10,11,12	2.5	10.4
11.5	11.5	12.5	12.5	12.9	13.0	13.0	12.5	12.5	14.0	15	10.5	varios	3.5	11.7
16.0	12.0	14.5	15.5	16.5	14.5	14.5	14.0	15.5	16.5	20	12.0	1,2,17	4.5	14.3
15.5	15.5	17.0	17.5	15.3	13.5	14.0	14.5	12.5	17.5	19	12.5	24	5.0	15.3
11.5	11.5	12.5	13.5	17.2	17.0	16.5	17.0	16.5	17.2	20	11.5	varios	5.7	13.8
17.0	17.5	17.5	16.0	16.0	16.5	16.0	17.5	16.5	17.5	17,18,23	12.0	10	5.5	15.4
8.5	8.0	8.5	9.0	10.2	9.0	9.0	8.5	8.0	12.0	3,6	7.4	10	4.6	9.4
7.4	7.8	8.0	11.0	11.4	9.5	7.6	7.8	8.0	11.4	20	5.8	12	5.6	7.9
10.0	9.0	9.5	11.5	12.8	14.0	15.0	15.0	13.0	15.0	22,23	8.0	3,11,15	7.0	10.1
13.0	13.5	14.0	14.5	15.2	15.0	15.5	18.0	17.5	18.0	23	11.5	3,15	6.5	13.7
5.4	7.8	10.5	12.0	13.8	14.0	13.5	14.0	13.5	16.5	10,11	5.4	16	11.1	13.2
7.4	9.5	11.0	13.5	14.4	14.0	14.0	14.5	14.5	14.5	23,24	7.4	16	7.1	12.0
12.5	13.5	14.0	15.0	15.5	16.0	16.5	17.0	16.5	17.0	23	10.5	15	6.5	13.9
17.5	20.0	20.5	21.0	20.7	20.5	19.5	19.0	18.5	21.0	19	14.5	13	6.5	17.8
12.0	13.5	13.5	13.0	12.7	11.5	11.5	10.5	10.5	18.5	1	7.8	15	10.7	12.4
12.5	12.0	13.0	13.5	15.1	16.0	15.5	15.5	11.0	16.0	21	9.5	2	6.5	11.9
14.5	17.5	15.5	15.0	16.9	16.5	14.5	13.5	14.0	17.5	17	9.5	1	8.0	13.3
13.0	10.0	13.5	10.5	16.8	16.5	16.5	16.5	17.0	17.0	24	10.0	17	7.0	14.7
15.5	16.0	16.5	17.0	16.9	16.5	16.0	15.5	16.0	18.5	12	15.0	varios	3.5	16.1
4.6	4.4	7.2	7.4	9.6	10.0	11.0	10.5	10.0	16.0	1	4.4	17	11.6	10.0
9.5	9.0	8.0	9.5	12.7	14.0	14.5	15.0	13.0	15.0	23	7.8	10	7.2	11.0
12.1	12.5	13.1	13.8	14.9	14.5	14.0	14.1	13.7	16.4		9.8		6.6	13.0

VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0-1		1-2		2-3		3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15	
DÍAS	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	S	3	C	1	NW	7	NW	7	N	5	NW	4	N	9	NW	7	N	3	NW	3	NW	3	NW	5	NE	3	NW	5	NE	8
2	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	NW	15	NW	19	NW	23	NW	24	NW	24	NW	23	NW	23
3	S	2	SE	4	SE	3	SE	4	SE	4	SE	4	NE	5	NE	8	NE	17	NE	15	NE	13	NE	15	NE	16	NE	16	NE	15
4	NE	15	N	18	SW	15	S	11	S	12	SE	14	SE	18	SE	13	NE	20	NE	23	NE	18.	NE	17	SE	9	NE	11	SW	2
5	C	0	C	0	C	1	C	1	C	1	SE	2	SE	2	SE	3	SE	4	SE	7	SE	10	E	12	E	9	E	9	E	11
6	NE	10	NE	9	NE	8	NE	9	NE	8	NE	3	NE	12	NE	13	N	12	N	13	N	13	N	10	N	10	N	12	N	15
7	N	5	N	7	N	5	N	6	N	5	N	7	NW	10	NW	9	NW	14	NW	12	W	10	SW	6	NW	5	NW	3	NW	4
8	N	5	N	6	N	3	N	3	N	5	N	7	N	4	N	7	NW	11	NW	16	NW	17	NW	17	NW	19	NW	17	NW	16
9	N	10	N	9	N	9	N	10	N	9	N	13	N	15	N	23	NW	29	NW	30	NW	29	NW	32	NW	32	NW	26	NW	23
10	N	13	N	12	N	6	NW	9	N	3	N	2	NW	4	NW	8	NW	10	SW	8	SW	7	SW	8	SW	7	SW	7	SW	6
11	SE	6	C	1	SE	2	SE	2	SE	2	C	1	SE	6	SE	7	SE	5	SE	5	SE	4	SE	7	NE	6	NE	7	NE	9
12	NE	10	NE	12	NE	10	NE	12	NE	9	NE	8	NE	13	NE	18	N	15	N	17	N	14	N	11	N	8	N	9	NW	6
13	C	0	C	0	C	0	C	0	C	0	C	0	N	3	NE	8	N	6	NW	3	NW	5	NW	9	NW	8	NW	9	NW	7
14	SE	3	SE	3	SE	6	E	5	E	5	E	6	NE	8	NE	12	N	10	NW	10	NW	8	NW	4	NW	6	W	3	NW	2
15	NE	9	NE	7	NE	9	NE	11	NE	9	NE	8	N	11	N	14	N	16	NW	18	NW	17	NW	16	NW	12	NW	10	N	10
16	E	7	E	6	NE	7	C	1	E	6	NE	12	N	12	N	15	NW	16	NW	12	NW	14	SW	12	SW	8	SW	4	SW	3
17	S	11	S	9	S	7	S	7	S	3	S	4	SW	7	SW	11	SW	15	SW	12	SW	15	SW	20	SW	18	SW	14	SW	14
18	C	0	C	0	C	1	C	0	C	0	C	0	C	0	C	1	C	1	SE	5	SE	5	SE	4	SE	5	NE	8	NE	11
19	C	0	SE	2	C	1	NE	3	NE	7	N	9	N	12	NE	14	N	11	N	11	NE	10	NE	8	NE	9	NE	9	NE	7
20	NE	2	NE	3	NE	6	NE	5	NE	3	SE	5	C	1	SE	2	NE	2	SW	4	SW	5	SW	5	S	2	SW	5	SW	5
21	SE	4	SE	3	C	0	C	0	SE	2	SE	3	SE	3	SE	3	SE	3	SE	6	SE	8	SE	9	SE	7	SE	8	SE	9
22	C	1	C	1	C	1	C	0	C	1	S	2	SE	3	SE	6	SE	11	SE	9	SE	10	SE	13	SE	12	SE	12	SE	12
23	SE	18	E	15	E	18	E	12	E	8	E	10	E	11	E	12	NE	17	NE	16	E	12	NE	14	NE	15	NE	11	NE	8
24	SE	5	NE	8	NE	9	NE	9	NE	5	NE	3	NE	3	N	10	NE	12	NE	14	NE	10	NE	12	N	14	NE	9	SW	15
25	C	0	C	0	C	0	C	0	C	1	SW	12	SE	12	SE	13	SE	12	SE	16	SE	13	SE	12	SE	9	SE	8	SE	8
26	SE	4	SE	3	SE	2	SE	4	SE	4	SE	2	SE	6	SE	7	E	11	E	12	E	15	E	18	E	14	E	11	E	6
27	N	12	N	13	N	14	N	15	N	12	N	14	N	19	N	19	NW	22	NW	20	NW	19	NW	20	NW	21	NW	21	NW	22
28	NW	11	NW	9	N	4	N	3	C	1	C	1	N	2	NW	2	NW	14	NW	22	NW	23	NW	19	NW	15	NW	21	NW	24
29	NE	10	N	10	N	7	N	8	S	2	C	1	SE	4	SE	3	SE	4	SE	2	NE	5	NE	8	NW	6	NW	3	N	16
30	NW	10	NW	4	NW	5	SW	4	SW	5	SW	3	SW	6	SW	7	SW	8	SW	13	SW	14	SW	10	SW	18	SW	20	SW	24
31	SE	5	SE	8	SE	4	SE	4	C	0	C	0	C	1	SE	3	SE	5	SE	6	SE	4	SE	5	NE	5	NE	10	NE	10
DIR. PREV.	SE		N-C		N-C		C		C		C-N-SE		N		SE		NW		NW		NW		NW		NW		NW		NW	
Nº de HORAS	7		7		7		7		7		6		9		10		8		11		10		9		10		10		9	
PROM. HOR. DE LA VELOC.		6		6		6		6		5		5		7		9		11		12		12		12		11		11		11

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
N	10	N	15	N	15	N	9	N	5	N	6	N	6	N	5	N	3	N	12	6	23	N	16.00
W	19	W	17	SW	13	S	9	S	7	S	2	SE	2	S	3	S	2	NW	7	9	42	NW	10.46
NE	12	NE	9	NE	6	SE	4	C	0	E	7	NE	10	NE	10	NE	15	NE	15	9	23	NE	13.14
SW	8	SW	17	S	5	NE	3	C	0	C	0	C	0	C	0	C	0	NE	7	10	74	SW	16.52
E	10	E	8	SE	10	SE	8	SE	5	SE	5	SE	5	SE	2	SE	4	SE	13	5	29	S	0.52
N	13	N	14	N	9	N	7	C	0	C	0	C	0	C	1	C	0	N	11	8	22	N	14.56
NW	4	N	11	N	17	N	9	N	2	C	1	C	0	C	1	N	4	N	11	6	26	N	17.30
NW	17	NW	17	N	15	N	12	N	7	N	7	N	10	N	12	N	11	N	15	11	32	NW	11.40
N	17	NE	6	SW	13	SE	8	SE	7	NW	18	N	24	N	12	N	8	N	12	17	55	SE	18.03
SW	5	SW	8	SW	3	S	4	S	6	S	5	SE	13	SE	8	SE	8	SW	9	7	31	SE	21.52
NE	10	NE	12	SE	11	E	7	E	8	SE	10	SE	5	SE	5	SE	9	SE	15	6	21	SE	17.08
NE	3	NE	6	N	10	N	9	N	8	NE	10	N	4	C	0	N	2	N-NE	11	9	31	N	8.03
NW	7	NW	6	SW	4	C	1	C	0	C	0	SE	2	SE	2	SE	4	C	9	4	21	NW	12.45
NW	9	N	14	NE	14	NE	9	NE	5	NE	8	NE	9	NE	7	E	8	NE	8	7	22	N	16.08
N	12	N	8	N	11	N	7	C	1	C	1	E	4	NE	5	NE	6	N-NE	8	10	26	NW	9.27
C	1	NW	2	NW	2	NW	6	NW	5	SW	4	SW	5	SW	4	SW	12	SW	8	7	25	SW	11.14
SW	14	SW	15	SW	9	SW	7	SW	3	C	0	C	0	C	1	SE	2	SW	14	9	34	SW	11.06
NE	11	NE	14	NE	13	NE	11	NE	6	E	6	E	4	NE	4	NE	2	NE-C	9	5	18	NE	16.06
NE	4	NE	9	NE	10	NE	7	NE	8	NE	9	NE	9	NE	7	NE	5	NE	17	8	19	N	6.49
SW	5	SW	2	C	1	C	1	C	0	C	1	C	0	SE	6	SE	6	SW	7	3	13	SW	15.20
SE	10	SE	10	SE	11	SE	11	SE	11	SE	6	SE	8	SE	6	C	1	SE	21	6	15	SE	19.42
SE	12	SE	9	E	9	E	8	SE	14	SE	9	SE	7	SE	9	SE	11	SE	16	8	25	SE	12.02
E	9	E	10	SE	9	SE	8	SE	8	SE	5	SE	4	SE	2	SE	3	E	10	11	28	SE	1.00
C	1	C	0	C	0	C	0	C	0	C	0	C	0	C	0	C	0	NE	11	6	35	SW	14.26
SE	7	NE	13	E	15	SE	14	SE	16	SE	15	SE	11	SE	11	SE	7	SE	16	9	29	SE	19.58
E	10	E	12	E	10	E	9	E	9	E	8	E	7	NE	5	NE	8	E	11	8	24	E	11.10
NW	23	NW	18	N	17	N	12	N	10	N	9	N	16	N	11	NW	10	N	14	16	34	NW	12.34
NW	26	NW	23	NW	17	NE	10	SW	8	SW	6	SE	8	NE	7	NE	14	NW	13	12	34	NW	14.01
W	7	NW	4	N	4	NW	3	SW	2	SW	4	NW	4	NW	2	NW	4	NW	7	5	32	N	14.40
SW	17	SW	13	SW	10	SW	3	C	1	C	0	C	0	C	0	SW	3	SW	17	8	38	SW	14.08
NE	11	NE	10	NE	11	NE	6	NE	7	NE	10	NE	8	NE	6	NE	10	NE	12	6	21	NE	14.32
NW-NE		NE		N		N		C		C		SE		SE		N		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
6		8		8		7		8		9		10		9		7		DIR.	HORAS		72 Km.		
																					DIREC.	DIA	HORA
	10		11		10		7		5		6		6		5		6	SE	144	8	E	23	de 2.35 a 2.40

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCION

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	12	91	2	11					1	3					8	41	1	147
2							1	2	5	23	1	13	2	36	7	151		225
3			15	182	1	7	6	23	1	2							1	214
4	1	18	7	107			4	54	3	28	4	42					5	249
5					6	59	13	67									5	129
6	11	128	8	72													5	201
7	11	78									1	6	1	10	8	61	3	157
8	15	114													9	147		261
9	12	159	1	6			2	15			1	13			8	219		412
10	5	36					3	29	3	15	9	59			4	31		170
11			5	44	2	15	15	86									2	147
12	11	107	11	111											1	6	1	224
13	2	9	1	8			3	8			1	4			8	54	9	84
14	2	24	8	72	4	24	3	12					1	3	6	39		174
15	8	89	8	64	1	4									5	73	2	232
16	2	27	2	19	3	19					8	52			7	57	2	176
17							1	2	6	41	14	174					3	218
18			9	80	2	10	4	19									9	112
19	4	43	17	135			1	2									2	181
20			6	21			4	19	1	2	7	31					6	77
21							21	141									3	142
22					2	17	16	159	1	2							5	182
23			6	81	10	117	8	57										255
24	2	24	11	94			1	5			1	15					9	139
25			1	13	1	15	16	184			1	12					5	225
26			2	13	14	152	8	32										197
27	14	193													10	196		389
28	3	9	3	31			1	8			2	14			13	226	2	290
29	5	45	3	23			4	13	1	2	2	6	1	7	7	26	1	123
30											17	178			3	19	4	198
31			12	104			9	44									3	149
SUMAS	120	1194	138	1291	46	439	144	981	22	118	69	619	5	56	104	1346	88	6079
% PREVAL POR VELOCIDAD	19.6		21.2		7.2		16.1		1.9		10.2		0.9		22.1		0.7	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		9		10		7		5		9		11		13		0	196

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	6	1	7	3			2	6
1 - 2	7	5	2	6	1			2	7
2 - 3	7	6	1	5	1	1		2	7
3 - 4	6	6	2	4	2	1		2	7
4 - 5	6	6	3	4	3	1			7
5 - 6	6	5	2	6	2	2		1	6
6 - 7	9	5	1	8		2		2	3
7 - 8	6	6	1	10		2		4	1
8 - 9	7	5	1	7		2		8	1
9 - 10	3	4	1	8		4		11	
10 - 11	2	5	2	7		4	1	10	
11 - 12	2	6	2	6		6		9	
12 - 13	3	6	2	5	1	4		10	
13 - 14	2	8	2	3		5	1	10	
14 - 15	3	7	2	3		7		9	
15 - 16	4	6	3	3		5	2	6	2
16 - 17	5	8	3	2		5	1	6	1
17 - 18	8	5	3	4	1	6		2	2
18 - 19	7	6	3	6	2	2		2	3
19 - 20	5	4	2	6	2	3		1	8
20 - 21	3	4	3	6	2	3		1	9
21 - 22	5	4	3	10		1		1	7
22 - 23	4	8		9	1	1		1	7
23 - 24	5	7	1	9	1	2		2	4
SUMAS	120	138	46	144	22	69	5	104	88
% de frec. por dirección	16.3	18.8	6.2	19.6	3.0	9.2	0.7	14.1	12.0

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	Claro	0	Cu	1	Cu	3	Ac	7	Ac	5	98	97	97
2	Claro	0	Ac	2	Cu 1 Ac 2	3	Ac	3	Claro	0	8	8	8
3	Claro	0	Ci	3	Ci	3	As	8	As	8	8	7	7
4	Ac	8	Ac	7	Cs	7	Fs	8	Fs	8	6	7	7
5	As	8	As	8	As	8	Cs	8	Ci	3	5	6	7
6	Ci	3	Claro	0	Claro	0	Claro	0	Ci	2	8	8	7
7	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	7	7
8	Claro	0	Claro	0	Claro	0	Cs	3	Cs	6	7	7	8
9	Ci	1	Ci	4	Cs	6	Fs	8	Fs	8	6	6	7
10	Ci	8	Ac	8	Cu 5 Ac 2	7	Sc	7	Sc	6	7	7	7
11	Claro	0	Cu	2	Cu 2 Cc 1	3	Ac	3	Ac	6	8	8	7
12	Ac	7	Ac	7	Sc	8	St	8	Sc	8	8	8	6
13	Ci	3	Cu 2 Ci 1	3	Cu 3 Ac 1	4	Cu	4	Cu	3	8	8	8
14	Claro	0	Cu	4	Cu	6	Cu 4 Ci 2	6	Sc	3	8	8	8
15	Ci	1	Cu	3	Cu	5	Ci	3	Ci	2	8	8	7
16	Ci	3	Cu	6	Sc 3 Ac 5	8	Ac 5 Cc 1	6	Ac	6	7	6	7
17	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	7	7	8
18	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	7	7	8
19	Claro	0	Claro	0	Claro	0	Ci	5	Cs	6	8	7	7
20	Ac	7	As	8	Sc 6 As 2	8	Sc	8	Sc 3 As 5	8	6	7	7
21	Sc 2 Ac As 6	8	Ac	7	Ac 6 Ci 1	7	Ac 3 Ci 3	6	Ac 1 Ci 4	5	5	6	6
22	Ac	8	Ac	1	Ac	3	Sc 1 Ci 4	5	Sc 1 Ci 1	2	5	6	6
23	Cu 1 Ci 3	4	Cs	8	Ac 1 Cs 7	8	Sc	8	As	8	7	6	5
24	Ac	3	Cu	6	Cu	7	Cu	1	Claro	0	8	7	6
25	Ci	2	Ci	5	Ci	7	Cs	3	Claro	0	8	8	7
26	Cu 4 Ac 2	6	Ac	6	Ac	6	Claro	0	Claro	0	5	7	7
27	Cs	6	Ac 1 Ci 4	5	Ci	6	Ci	6	Cs	6	7	6	8
28	Ci	3	Cc	3	Cu 1 St 2	3	Cu	2	Cu	2	7	6	7
29	Sc	5	Sc	8	Sc	8	Sc	8	As	7	6	6	6
30	Ci	7	Ci	3	Claro	0	Claro	0	Claro	0	6	8	8
31	Claro	0	Claro	0	Claro	0	Cs	6	Cs	6	7	7	8
Prom.		3		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	52.0	33.6	1.50	0	5	5	
	10	53.8	34.6	1.56	0	5	5	
	12	55.6	37.4	1.48	1	5	5	
	14	55.0	37.6	1.41	3	3	4	
	15	48.6	35.5	1.06	3	5	5	
2	9	52.5	34.8	1.44	0	5	5	
	10	54.5	37.4	1.39	1	5	5	
	12	37.8	40.0	1.45	2	5	4	
	14	59.2	41.6	1.43	3	5	5	
	15	55.8	41.0	1.20	8	5	5	
3	9	50.8	32.5	1.49	0	5	4	
	10	52.5	34.0	1.50	2	5	4	
	12	56.5	37.4	1.55	3	5	5	
	14	56.0	38.2	1.45	3	5	5	
	15	51.3	37.2	1.15	4	2	4	
4	9	32.8	26.4	0.52	8	1	3	B.
	10	32.6	26.0	0.54	8	0	3	B.
	12	34.3	26.7	0.62	7	2	3	B.
	14	54.2	37.0	1.40	7	4	3	B.
	15	42.8	33.6	0.75	8	0	4	B.
5	9	34.1	22.5	0.94	8	2	3	B.
	10	39.1	25.1	1.14	7	2	3	B.
	12	40.3	27.0	1.08	8	2	3	B.
	14	37.8	26.5	0.92	8	2	3	B.
	15	36.5	26.3	0.83	8	2	3	B.
6	9	47.0	27.8	1.56	0	5	4	
	10	48.1	29.2	1.54	0	5	5	
	12	51.1	32.4	1.52	0	5	5	
	14	51.9	33.3	1.51	0	5	4	
	15	50.4	32.6	1.45	0	5	4	
7	9	50.5	33.0	1.42	0	5	5	
	10	53.2	35.0	1.48	0	4	5	
	12	56.2	37.2	1.54	0	5	5	
	14	56.5	39.5	1.38	0	5	5	
	15	56.2	39.2	1.38	1	5	5	
8	9	54.2	37.2	1.38	0	5	5	
	10	56.2	38.6	1.43	0	5	5	
	12	57.3	40.3	1.38	0	5	4	
	14	56.3	40.5	1.28	0	5	4	
	15	56.5	40.5	1.30	0	5	4	
9	9	53.5	36.5	1.38	0	5	4	B.
	10	56.0	38.5	1.42	1	5	4	B.
	12	58.3	40.9	1.41	4	5	4	B.
	14	58.2	41.0	1.40	6	5	4	B.
	15	42.2	36.2	0.49	7	0	4	B.
10	9	37.2	28.5	0.71	8	0	3	B.
	10	40.2	29.5	0.87	8	2	3	B.
	12	53.0	35.7	1.41	8	2	3	B.
	14	51.5	30.6	1.70	7	4	3	B.
	15	43.5	33.3	0.83	7	1	3	B.
11	9	45.5	26.0	1.58	0	5	5	
	10	47.5	28.0	1.58	1	5	4	B.
	12	47.6	29.4	1.48	2	5	3	B.
	14	47.5	30.0	1.42	3	4	4	B.
	15	41.5	28.0	1.10	3	4	4	B.
12	9	37.7	24.3	1.09	6	3	5	
	10	28.6	22.3	0.51	8	0	5	
	12	26.4	21.8	0.37	7	0	5	
	14				8	0	4	Z.
	15				8	0	4	Z.
13	9	47.5	29.6	1.46	2	5	5	
	10	51.0	32.5	1.50	2	5	5	
	12	51.6	33.6	1.46	3	5	5	
	14	52.0	34.5	1.42	4	5	5	
	15	41.5	32.0	0.77	4	0	4	B.
14	9	50.0	32.5	1.42	1	5	4	
	10	52.5	34.3	1.48	4	5	4	B.
	12	58.8	37.8	1.71	4	5	5	
	14	42.0	33.2	0.72	6	3	4	B.
	15	54.8	37.2	1.43	4	5	5	
15	9	50.4	33.0	1.41	1	5	5	
	10	52.5	35.0	1.42	0	5	5	
	12	56.5	36.0	1.50	3	5	5	
	14	55.5	38.5	1.38	5	5	5	
	15	54.5	38.2	1.33	3	5	5	
16	9	53.5	36.0	1.42	4	5	5	
	10	55.6	38.5	1.39	4	5	5	
	12	37.5	38.3	1.56	6	3	4	B.
	14	40.5	33.3	0.58	8	0	3	B.
	15	36.0	31.5	0.36	8	0	3	B.
17	9	45.6	26.5	1.55	1	5	5	
	10	47.5	28.0	1.58	1	5	5	
	12	49.7	30.0	1.60	0	5	5	
	14	48.5	30.0	1.50	1	5	5	
	15	48.6	30.4	1.48	1	5	5	
18	9	45.6	26.2	1.58	0	5	4	B.
	10	47.5	28.5	1.54	0	5	4	B.
	12	50.6	31.9	1.52	0	5	4	B.
	14	50.5	32.3	1.48	0	5	4	B.
	15	48.0	31.6	1.33	0	5	4	B.
19	9	48.4	30.3	1.47	0	5	5	
	10	50.2	32.6	1.43	0	5	4	B.
	12	54.3	35.7	1.51	0	5	5	
	14	54.4	36.8	1.43	0	5	5	
	15	53.5	36.5	1.38	0	4	5	
20	9	46.4	31.2	1.24	8	0	4	B.
	10	41.5	30.3	0.91	8	0	4	B.
	12	39.0	30.0	0.73	8	0	4	B.
	14	33.0	28.3	0.38	8	0	4	B.
	15	33.8	28.0	0.47	8	0	4	B.
21	9	28.2	23.3	0.40	8	0	2	Ne.
	10	35.6	26.5	0.74	8	2	3	Ne.
	12	52.3	33.0	1.57	7	2	3	B.
	14	43.5	31.7	0.96	7	3	3	B.
	15	49.0	34.0	1.22	7	3	3	B.
22	9	35.0	25.5	0.77	7	2	2	B.
	10	46.0	29.0	1.38	6	2	2	B.
	12	49.5	31.5	1.46	1	5	4	B.
	14	50.6	32.5	1.47	3	5	4	B.
	15	50.0	32.5	1.42	2	5	4	B.
23	9	47.8	29.2	1.51	8	4	4	B.
	10	48.9	30.4	1.50	8	5	4	B.
	12	53.3	33.5	1.61	8	5	4	B.
	14	52.2	33.8	1.50	8	5	4	B.
	15	50.0	33.2	1.36	8	4	4	B.
24	9	47.2	31.8	1.25	6	2	5	
	10	52.9	33.4	1.58	7	3	4	B.
	12	52.5	35.4	1.39	6	0	5	
	14	34.8	30.4	0.36	7	0	4	B.
	15				8	0	4	LL.,B.
25	9	44.8	27.0	1.45	2	4	5	
	10	47.5	29.0	1.50	1	4	5	
	12	50.0	33.2	1.36	5	4	5	
	14	48.9	32.5	1.33	6	4	5	
	15	50.5	33.0	1.42	6	4	5	
26	9	44.2	27.5	1.36	7	0	4	B.
	10	36.6	25.2	0.93	7	0	4	B.
	12	50.6	30.4	1.64	6	4	4	B.
	14	37.0	26.5	0.85	7	0	4	B.
	15	30.2	25.0	0.42	7	0	4	B.
27	9	48.0	30.8	1.40	6	4	4	B.
	10	51.7	33.9	1.45	4	4	4	B.
	12	48.5	35.0	1.10	5	4	4	B.
	14	46.9	36.9	0.81	6	4	3	B.
	15	56.6	40.4	1.32	5	5	4	B.
28	9	53.8	37.2	1.35	3	5	4	B.
	10	56.5	39.2	1.41	3	5	4	B.
	12	61.0	42.5	1.50	3	5	4	B.
	14	57.6	42.2	1.25	3	5	4	B.
	15	56.0	41.6	1.17	1	5	4	B.
29	9	32.0	25.2	0.55	6	0	2	Ne.
	10	31.4	25.5	0.48	6	0	2	Ne.
	12				8	0	2	Ne.,Z.
	14	24.6	22.6	0.16	8	0	2	Ne.
	15	24.3	21.6	0.22	8	0	2	Ne.
30	9	50.5	31.5	1.53	7	5	5	
	10	51.8	34.0	1.45	7	5	5	
	12	55.5	36.7	1.53	3	5	5	
	14	54.6	38.0	1.35	0	5	5	
	15	52.5	36.6	1.29	0	5	5	
31	9	47.8	29.6	1.48	0	5	4	B.
	10	50.4	31.7	1.52	0	5	3	B.
	12	51.4	33.4	1.46	0	5	3	B.
	14	50.2	34.8	1.25	0	5	4	B.
	15	49.5	34.2	1.24	0	5	4	B.

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	0.9	1.0	0.8	0.7	0.2		10.8	14.3	76
2		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.8	14.3	82
3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1				9.4	14.2	66
4								0.9	1.0	0.4					2.3	14.2	16
5					0.5	0.6					0.2	0.2	1.0		2.5	14.2	18
6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.1	14.2	92
7	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.1	14.2	92
8		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	14.2	86
9		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2					8.0	14.2	56
10		1.0	0.8			0.1	1.0	0.3	0.8	0.5					4.5	14.2	32
11	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0		12.1	14.1	86
12		0.3	0.2	0.2	0.5	0.4		0.1			0.4				2.1	14.1	15
13		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	0.8	0.3	11.8	14.1	84
14		1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.9	0.8		11.5	14.1	82
15		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.2	11.9	14.1	84
16		1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.1				0.5		7.0	14.0	50
17	0.4	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	12.9	14.0	92
18	0.4	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	12.8	14.0	91
19		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7		11.3	14.0	81
20		0.2	0.6	0.3	0.5	0.1									1.7	14.0	12
21						0.1	0.8	0.4	0.3	0.8	0.7	0.2	0.4		3.7	13.9	27
22		0.4			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		8.9	13.9	64
23		0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0.5	0.2		9.2	13.9	66
24		0.7	0.7	1.0	1.0	1.0	1.0	1.0	0.5		0.4	1.0	1.0	0.3	9.6	13.9	69
25			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		9.9	13.8	72
26		0.8	1.0	1.0	0.5	0.5	1.0	0.2	0.5		0.4	1.0	1.0	0.2	8.1	13.8	59
27					0.8	1.0	1.0	1.0	0.5	0.9	1.0	1.0	0.5		7.7	13.8	56
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		11.7	13.8	85
29		0.3	0.2	0.6											1.1	13.7	08
30		0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.8	13.7	86
31	0.4	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	12.8	13.7	93
Medias	0.1	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.1	8.9	14.0	64

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	24.5	29.1	26.8	23.9	26.4	26.0	23.0	23.6	24.2	23.4	23.5	23.9	25.9	26.0	26.1
2	24.6	28.6	27.4	24.4	26.6	26.4	23.4	23.8	24.6	23.8	23.8	24.2	26.4	26.4	26.4
3	24.4	28.8	26.6	24.2	26.4	26.0	23.4	23.8	24.3	23.8	23.8	24.1	26.6	26.6	26.5
4	24.0	26.4	24.8	24.4	25.0	24.6	23.4	23.4	23.8	24.0	23.8	23.9	26.6	26.6	26.4
5	22.8	24.8	23.4	23.1	24.2	23.8	22.6	22.6	22.4	23.3	23.0	23.0	26.3	26.3	26.3
6	21.6	25.7	23.6	21.8	24.1	23.7	21.6	21.9	22.4	22.6	22.4	22.6	25.6	25.6	25.4
7	22.0	27.2	26.2	22.0	25.0	25.3	21.4	22.0	23.2	22.2	22.2	23.0	25.5	25.6	25.5
8	24.6	28.8	27.0	24.2	26.6	26.3	22.8	23.4	24.4	23.0	23.2	23.9	26.0	26.2	26.2
9	24.8	28.6	26.2	24.5	26.6	25.9	23.4	24.0	24.3	23.8	24.0	24.2	26.5	26.6	26.5
10	24.4	27.4	26.6	24.4	26.2	26.2	23.2	23.6	24.3	23.6	23.8	24.2	26.6	26.6	26.6
11	22.8	26.4	24.2	23.4	25.4	24.6	23.0	23.0	23.4	23.4	23.4	23.8	26.6	26.6	26.4
12	22.2	23.0	22.4	22.8	23.2	22.8	22.4	22.0	21.8	23.3	22.8	22.0	26.4	26.1	25.8
13	22.0	26.4	25.4	22.0	24.8	24.8	21.2	21.8	22.6	22.0	22.2	22.6	25.6	25.6	25.4
14	23.6	27.6	26.1	23.6	25.8	25.5	22.4	23.0	23.6	23.0	23.0	23.6	25.8	26.0	26.1
15	24.4	28.0	26.2	23.6	26.0	25.7	22.8	23.2	24.0	23.6	23.4	23.8	26.2	26.4	26.4
16	24.4	27.6	26.7	24.3	26.1	26.0	23.2	23.6	24.2	23.8	23.8	24.2	26.6	26.4	26.6
17	23.2	26.4	24.3	23.8	25.3	24.5	23.0	23.0	23.5	23.8	23.6	23.9	26.7	26.6	26.6
18	21.2	26.0	23.8	21.8	24.2	23.8	21.6	22.0	22.6	23.0	22.6	23.0	26.4	26.2	26.2
19	21.6	26.9	25.2	21.8	24.4	24.5	21.6	22.1	22.6	20.8	22.7	22.9	26.0	26.9	25.8
20	23.6	25.6	24.6	23.1	24.4	24.2	22.4	22.6	22.6	23.2	23.0	23.1	26.1	26.1	26.1
21	23.2	26.0	24.8	23.3	24.7	24.5	22.0	22.4	23.0	22.8	22.8	23.2	26.0	26.0	26.0
22	22.6	26.8	24.7	22.8	24.8	22.8	22.0	22.4	23.0	23.6	22.8	25.6	25.9	25.9	25.6
23	23.2	27.6	25.6	23.1	25.2	25.0	22.4	22.8	23.2	23.0	23.0	23.4	26.0	26.0	26.0
24	24.8	28.5	26.0	24.2	26.0	25.5	23.0	25.4	23.9	23.6	23.6	23.8	26.2	26.2	26.2
25	23.8	26.6	24.6	24.1	25.4	24.8	23.0	25.2	23.6	23.6	23.6	23.6	26.4	26.4	26.4
26	22.0	25.1	23.8	22.6	24.0	23.8	22.2	22.5	23.6	23.2	23.5	23.0	26.3	26.3	26.1
27	22.6	26.6	26.2	22.7	24.6	25.1	22.0	22.2	23.0	22.7	22.6	23.2	26.0	26.0	26.0
28	24.2	28.6	27.4	23.9	26.2	26.2	22.6	23.2	24.2	23.2	23.4	23.8	26.2	26.3	26.3
29	24.8	25.2	24.7	24.8	25.0	24.6	23.6	23.2	23.4	24.0	23.8	23.8	26.6	26.6	26.6
30	24.2	27.6	25.0	23.4	25.6	25.0	22.4	22.8	23.2	23.0	23.0	23.5	26.3	26.3	26.2
31	22.7	26.8	24.9	22.9	24.9	24.6	22.4	22.6	23.0	23.0	23.0	23.4	26.2	26.2	26.2
Prom.	23.4	26.9	25.3	23.4	25.3	24.9	22.6	23.0	23.4	23.1	23.1	23.6	26.2	26.2	26.2

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					0	0.9	2.5	2.6	7.2							11845
2					0	2.1	5.8	0.4	7.3	P. 21	7.9	8.0	12.5			11845
3					0	1.1	4.0	3.0	10.3							11855
4	17.4	19.5	16.8	15.4	0	3.3	2.0	0.3	4.1							11866
5					2	1.8	1.4	1.6	4.4							11883
6					1	1.4	3.0	3.1	7.3							11892
7					0	1.2	2.7	2.5	6.2	P. 22	11.0	9.5	12.6			11808
8					0	1.0	4.7	4.6	12.7							11809
9	14.1	15.8	12.6	12.4	0	3.4	6.7	3.8	10.7							11925
10	0.2	0.5	0.0	0.0	2	0.2	1.5	1.5	4.4							11938
11					1	1.4	1.9	3.4	6.7							11945
12	1.8	5.8	1.8	1.9	0	1.4	1.5	1.0	3.1	P. 23	15.1	12.1	17.9	19.2	15.3	11961
13					1	0.6	2.0	2.1	5.3							11966
14					0	1.2	2.5	1.8	6.9							11977
15					0	2.6	3.6	3.7	9.3							11988
16	0.0	0.0	0.0	0.0	0	2.0	2.5	1.4	5.9							11990
17					0	2.0	3.8	3.5	8.8	P. 24	5.6	6.6	11.0			12012
18					0	1.5	3.0	3.7	8.5							12019
19					0	1.8	4.3	3.8	9.7							12029
20	0.0	0.0	0.0	0.0	0	1.6	1.2	1.2	3.2							12038
21					0	0.8	1.3	2.7	4.6							12046
22					0	0.6	2.0	2.6	5.9	P. 25	6.5	7.5	13.3			12053
23	0.0	0.0	0.0	0.0	0	1.3	2.3	1.4	4.9							12063
24	8.0	8.6	8.3	7.9	0	1.2	2.6	0.5	3.6							12068
25					1	0.5	2.5	2.7	6.3							12075
26					0	1.1	2.1	1.8	5.9							12077
27					0	2.0	4.7	3.5	12.0	Q. 1	7.7	8.4	14.0			12085
28	3.3	3.8	2.8	3.1	0	3.8	2.5	5.6	9.2							12087
29	0.5	0.6	0.3	0.3	2	1.1	0.6	2.6	3.8							12089
30					1	0.6	3.6	4.1	8.9							12092
31					0	1.2	2.7	3.7	8.3							12092
Prom.	45.3	54.6	42.6	41.0	-	1.5	2.8	2.6	6.9	-	-	-	-	-	-	11623

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
25.2	25.3	25.4	22.9	23.2	23.1	19.8	18.2	22.0	Ca. m. y t., Cn. n.
25.6	25.6	25.6	23.2	23.2	23.2	20.0	18.5	16.8	Ca. m. t. y n.
25.6	25.8	25.8	23.2	23.2	23.2	20.0	18.5	14.0	Ca. m. y t., Cn. n.
25.9	26.0	26.0	23.4	23.6	23.5	20.0	18.4	8.0	Cn. m. t. y n., G. m., Ru. t, LL. t. y n, Z. n.
25.5	25.4	25.4	23.5	23.5	23.5	20.1	18.4	15.4	Cn. m. y t., Ca. n., B. m.
24.0	24.8	24.6	23.5	23.6	23.5	20.1	18.4	10.9	Ca. m. t. y n., Jl. n.
24.6	24.8	24.8	23.6	23.7	23.7	20.2	18.5	13.5	Ca. m. t. y n.
25.4	25.6	25.6	23.7	23.7	23.7	20.3	19.0	19.0	Ca. m. y t., Cn. n., Dl. Jl. n.
25.6	25.8	25.8	23.7	23.7	23.7	20.5	18.6	18.5	Ca. m., Cn. t. y n., B. m, Ru. Tv. LL. t, Z. Ru. n.
25.8	25.8	25.8	23.7	23.7	23.7	20.5	19.0	19.0	Cn. m. t. y n., Z. t.
25.6	25.6	25.6	23.7	23.7	23.7	20.5	18.5	20.9	Ca. m. y t., Cn. n.
25.6	24.6	24.8	23.7	23.7	23.7	20.5	18.6	15.2	Cn. m. t. y n., Z. t. y n., Ru. n.
24.8	24.8	24.5	23.7	23.7	23.7	20.5	18.8	-	Ca. m. y n., Cn. t.
25.2	25.2	25.2	23.7	23.7	23.7	20.6	19.0	21.2	Ca. m. y n., Cn. t.
25.6	25.6	25.6	23.7	23.7	23.7	20.5	19.0	17.0	Ca. m. y n., Cn. t.
25.6	25.8	25.8	23.7	23.7	23.7	20.6	19.0	16.5	Ca. m., Cn. t. y n., B. m. t. y n., R. n.
25.6	25.6	25.7	24.0	24.0	24.0	20.5	19.0	12.8	Ca. m. t. y n., B. m. y t.
25.6	25.6	25.6	24.0	24.0	24.0	21.0	19.0	6.3	Ca. m. t. y n., B. m. y t.
25.6	25.5	25.5	24.0	24.0	24.0	20.8	19.0	9.4	Ca. m. y t., Cn. n., B. m. t. y n.
25.6	25.6	25.5	24.0	24.0	24.0	21.0	19.0	14.2	Cn. m. t. y n., B. m. t. y n., Z. t.
25.5	25.5	25.4	24.0	24.0	24.0	21.0	19.0	16.5	Cn. m. t. y n., Ne. m., B. t.
25.4	25.4	25.4	24.0	24.0	24.0	21.0	18.5	11.6	Ca. t. y n., Cn. m., Ne. m.
25.3	25.3	25.3	24.0	24.0	24.0	21.1	19.1	16.6	Cn. m. t. y n., B. m. y t., Ne. Z. n.
25.5	25.8	25.5	24.0	24.0	24.0	21.1	19.1	20.0	Ca. m. y n., Cn. t., Z. LL. Ru. t.
25.5	25.6	25.6	24.0	24.0	24.0	21.0	19.0	20.4	Ca. m. y n., Cn. t., B. n.
25.6	25.6	25.6	24.0	24.0	24.0	21.2	19.2	12.6	Ca. n., Cn. m. y t, Ne. m, B. t. y n, Z. t.
25.3	25.3	25.3	24.0	24.0	24.0	21.2	19.2	16.8	Cn. m. t. y n., B. t.
25.6	25.6	25.6	24.1	24.1	24.1	21.4	18.5	16.5	Ca. m. t. y n., B. m. y t., R. LL. n.
25.6	25.6	21.5	24.1	24.1	24.1	21.5	19.5	25.5	Cn. m. t. y n, Ne. m. t. y n, Ru. LL. m.
25.5	25.5	25.5	24.1	24.1	24.1	21.2	19.5	17.1	Cn. m., Ca. t. y n.
25.4	25.5	25.5	24.1	24.1	24.1	21.2	19.5	13.5	Ca. m. y t., Cn. n., B. m. t. y n.
25.4	25.5	25.3	23.8	23.8	23.8	20.7	18.9	15.9	

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	54.9	61.0	5	22	49.6	9	17	24.8	32.5	17.6	37.0	2	15	13.6	6	5-6	8.8	14.2	62
2ª	57.6	61.2	12	7	52.6	16	17	22.6	28.9	15.1	34.1	16	10-11	7.1	18	5-6	9.5	14.0	68
3ª	56.3	63.4	26	varios	50.0	24	16	23.6	30.1	17.0	37.6	28	14	13.0	26	6	8.6	13.8	62
MES	56.3	63.4	26	varios	49.6	9	17	23.6	30.5	16.6	37.6	28	14	7.1	18	5-6	8.9	14.0	64

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	63	100	4	18	2	13.6	21.0	7.4	N	9	60	9	32	9	11-12 12-13	74	SW	4	16.52	35.8	19.5	4	-	-	-
2ª	63	100	13,18	21	18	12.2	18.0	5.8	NE	8	36	12, 15,17	20	17	11-12	34	SW	17	11.06	5.8	5.8	12	-	-	-
3ª	66	100	30	13	30	13.3	21.0	4.4	SE	8	72	23	26	28	15-16	38	SW	30	14.08	13.0	8.6	24	8.0	24	14-15
MES	64	100	varios	13	30	13.0	21.0	4.4	SE	7	72	23	32	9	11-12 12-13	74	SW	4	16.52	54.6	19.5	4	-	-	-

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	2	-	-	-	-	-	2	3	-	-	-	-	-	3	2	2
2ª	-	5	-	-	-	-	-	-	3	-	-	-	-	-	-	1	2
3ª	-	9	4	-	-	-	-	2	2	-	-	-	-	-	-	4	3
MES	-	16	4	-	-	-	-	4	8	-	-	-	-	-	3	7	7

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	-	-	-	-	-	-	-	-	2	-	-	4	3	-	9	3
2ª	-	-	-	-	-	-	-	-	-	-	-	3	2	-	7	-
3ª	-	-	-	-	-	-	-	-	-	-	-	2	5	-	9	2
MES	-	-	-	-	-	-	-	-	2	-	-	9	10	-	25	5

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII FEBRERO 1952 Nº 2

RESUMEN MENSUAL

El mes se inicia caluroso; el día 3 regístrase la temperatura máxima mensual de 37.0°C. Aire fresco reemplaza en la madrugada del 5 el aire tropical reinante. El ininterrumpido aflujo de aire de origen polar mantiene durante tres días la temperatura por debajo de su valor medio, anotándose el día 6 la mínima mensual de 7.6°C, al par que la presión alcanza su nivel más alto con 763.6 mm. El cambio del viento al norte, motiva que la década termine con tiempo caluroso y húmedo, dando comienzo al mismo tiempo a uno de los períodos más prolongados que se recuerden con estas características atmosféricas, ya que el tiempo caluroso y húmedo se extiende, con sólo dos breves interrupciones, hasta mitad del mes de marzo.

Un débil frente frío pasa por el Observatorio en la madrugada del 13, pero ya el 14, sube nuevamente el termómetro a 32.5°C, marcando los 11 días subsiguientes, máximos diarios mayores a los 30.0°C. Durante el pasaje de este frente y de otro del día 17, caen las únicas lluvias del mes. Antes de la llegada de este último frente, la presión baja a su valor mínimo mensual, con 746.8 mm.

Reina luego tiempo bueno y caluroso con temperaturas de unos cuatro grados sobre el nivel normal hasta el 25. En la tarde de este día una masa de aire fresco y relativamente seco desaloja el caluroso y húmedo reinante, interrumpiendo solamente durante dos días el largo período de calor excesivo; ello no altera sin embargo el buen tiempo. La década termina acusando nuevamente temperaturas de hasta cinco grados sobre el importe medio.

El mes se caracteriza sobre todo por su exceso de calor (21 días con temperaturas superiores a los 30.0°C), siendo el promedio mensual de 2.3°C sobre el valor normal, y por la falta casi completa de lluvias. Puesto que el mes anterior se caracterizó también por elevadas temperaturas y lluvias deficientes, Febrero se destaca por una sequía extraordinaria, lo que se manifiesta también en las desviaciones negativas del promedio mensual de la humedad relativa (-11%), y de la tensión del vapor (-1.0 mm).

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	34	34	41	34	21	21	34	28	55	97	110	97	62	48	-
2	41	62	41	48	28	41	97	55	62	41	55	55	28	21	14
3	34	34	41	21	28	7	34	55	21	- 76	-124	- 69	- 55	- 28	- 7
4	21	34	28	48	34	48	69	48	41	34	28	14	-145	-296	-217
5	-	-	-	-	-	-	83	83	7	34	14	7	14	34	- 48
6	69	55	55	62	48	62	83	97	97	69	28	48	34	55	69
7	21	21	28	28	7	- 7	21	48	- 14	7	14	28	28	21	- 14
8	55	48	34	41	48	48	55	28	- 34	- 48	- 76	- 41	- 41	- 28	- 34
9	97	97	69	69	41	28	41	55	69	48	- 28	7	- 7	14	21
10	48	48	34	48	41	34	28	21	- 41	- 62	- 28	- 28	- 34	- 83	- 90
11	39	36	39	48	53	53	74	83	125	107	31	- 79	- 83	- 7	7
12	78	87	64	27	- 7	27	46	31	46	39	48	39	19	- 7	- 16
13	- 62	-152	- 14	28	48	-272	-239	97	117	278	172	104	90	145	110
14	76	62	48	48	55	62	97	179	152	145	131	117	83	48	83
15	76	76	62	69	62	41	97	117	90	97	90	83	76	69	-110
16	28	34	41	41	62	97	110	-	-	-	-	69	90	110	90
17	41	41	48	48	55	55	76	62	21	28	239	131	90	62	69
18	- 97	48	62	220	104	220	138	97	83	83	83	69	55	48	55
19	48	28	28	28	28	21	69	83	76	83	83	62	41	7	14
20	28	28	34	34	34	34	97	172	246	179	-	83	28	-	-
21	34	34	41	34	41	48	76	110	55	62	48	55	55	55	41
22	28	34	41	41	41	55	28	- 7	21	62	- 7	- 28	28	21	14
23	34	28	21	34	41	48	34	-	-	- 21	- 14	-	-	-	-
24	28	28	41	28	28	34	55	41	41	34	28	34	48	48	48
25	28	21	14	28	28	34	28	14	14	- 41	-195	-210	- 48	7	- 7
26	-	-	-	-	-	-	-	85	66	34	46	12	14	28	21
27	28	28	28	28	34	34	69	90	97	124	-	-	-	28	34
28	28	28	34	34	34	34	48	69	62	55	55	62	55	48	48
29	21	28	83	62	55	41	41	7	7	- 7	- 4	- 48	- 90	- 76	- 14
30															
31															
Prom.	25.6	42.2	47.0	67.7	52.1	73.6	81.8	93.6	73.0	68.0	87.4	73.7	60.0	52.0	59.0

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.96	0.87	1.83	1.10	725	374	1099	1.94	0.93	1.62
2	0.96	0.86	1.82	1.11	714	409	1123	1.74	0.94	1.47
3	0.93	0.87	1.80	1.07	624	368	982	1.69	1.04	1.65
4	1.19	1.08	2.27	1.10	540	392	932	1.37	1.41	1.93
5	0.92	0.87	1.79	1.05	659	525	1184	1.25	0.98	1.16
6	0.96	0.91	1.87	1.05	876	511	1387	1.71	0.76	1.24
7	0.80	0.80	1.60	1.00	559	401	960	1.39	1.00	1.39
8	1.07	0.86	1.93	1.24	759	478	1237	1.58	0.99	1.26
9	0.80	0.76	1.56	1.05	534	292	826	1.82	1.04	1.82
10	0.85	0.81	1.66	1.05	613	374	987	1.64	0.96	1.51
11	0.87	0.81	1.68	1.07	636	-	-	-	0.96	-
12	0.93	0.81	1.74	1.14	761	722	1483	1.05	0.86	0.78
13	0.76	0.70	1.46	1.08	539	198	737	2.72	0.99	2.55
14	0.93	0.76	1.69	1.22	835	390	1225	2.14	0.78	1.36
15	0.81	0.79	1.60	1.02	682	357	1239	1.91	0.83	1.54
16	0.81	0.70	1.51	1.15	699	350	1049	1.99	0.81	1.40
17	1.08	1.00	2.08	1.08	850	446	1296	1.90	0.89	1.57
18	1.12	1.00	2.12	1.12	891	499	1390	1.78	0.88	1.40
19	1.01	0.92	1.93	1.10	861	492	1353	1.75	0.82	1.31
20	0.83	0.78	1.61	1.06	603	350	953	1.72	0.96	1.55
21	0.99	0.94	1.93	1.05	727	454	1181	1.60	0.96	1.45
22	1.01	1.01	2.02	1.00	754	573	1327	1.31	0.94	1.23
23	0.88	0.86	1.74	1.02	719	440	1159	1.63	0.86	1.37
24	0.93	0.89	1.82	1.04	714	363	1077	1.96	0.91	1.71
25	1.22	1.28	2.50	0.96	829	580	1409	1.43	1.02	1.54
26	1.08	1.02	2.10	1.06	902	707	1609	1.27	0.84	1.01
27	1.05	1.01	2.06	1.04	941	609	1550	1.54	0.78	1.16
28	1.06	1.05	2.11	1.01	1024	735	1759	1.40	0.73	1.00
29	1.00	0.95	1.95	1.05	812	552	1364	1.47	0.86	1.20
30										
31										
Prom.	0.96	0.89	1.85	1.07	736	461	1197	1.59	0.91	1.35

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
-	-	-	-	-	-	138	97	41		193	- 28	221	1*
28	28	21	28	28	48	28	28	28		152	- 28	180	2
- 28	- 83	- 83	41	90	97	83	41	28		259	-203	462	2
-	-	-	-	-	-	-	-	-		138	-548	686	2*
- 83	-117	- 28	21	55	34	34	48	55		97	-310	407	2*
55	69	55	69	83	62	55	48	62	62.0	152	- 28	180	1
- 28	- 14	- 14	28	62	28	41	62	55		110	-167	277	2
- 28	- 34	- 7	28	34	48	62	55	55		97	-239	336	2
21	14	21	34	62	83	76	69	48		200	- 69	269	2
-145	-181	-117	-110	48	41	48	34	41		284	-422	706	2
36	53	29	31	101	107	34	14	51		193	-129	322	2
- 53	-122	+ ∞	∞	∞	∞	∞	-104	14		∞	-502	-	3*
69	55	90	83	76	69	48	97	90		357	-571	928	2
55	55	34	62	69	131	172	90	124	90.7	259	00	259	0
- 14	- 41	14	28	76	76	104	97	62		779	-278	457	2
117	83	41	55	83	83	55	69	62		233	- 28	261	1*
90	90	69	55	34	34	55	62	76	78.0	333	- 62	395	1
48	34	41	34	69	97	97	55	55	74.9	640	-518	1158	1
14	7	- 21	21	28	62	55	21	28		152	- 97	249	2
-	-	- 34	48	110	152	97	69	62		297	-210	507	1*
34	14	28	55	90	110	83	62	48	54.7	179	- 21	200	1
- 69	- 69	14	21	28	28	21	28	28		138	-224	362	2
-	-	-	-	41	55	7	34	41		124	-210	334	2*
21	69	41	41	41	55	41	41	69	41.0	138	00	138	0
-	48	-166	-304	-117	21	28	28	28		62	-470	532	2
- 97	-110	- 34	14	55	97	69	69	62		110	-239	349	2*
55	48	28	14	41	48	55	48	34		152	- 41	193	1*
41	34	41	41	48	69	41	34	34	44.9	76	21	55	0
7	28	- 7	34	34	48	83	62	48		213	-117	330	2
49.1	52.1	44.1	51.0	62.0	79.7	77.7	56.0	66.8	62.3				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
6433	12837	19270	0.52	-	52,750
6235	8385	14620	0.74	-	31,000
3689	6201	9890	0.59	-	-
3863	7410	11273	0.52	-	43,500
5439	7177	12616	0.76	-	27,250
7213	3823	11036	1.88	3.87	23,500
8184	5497	12681	1.48	-	-
5298	9230	15528	0.57	-	47,250
5952	8699	14651	0.69	-	33,750
6402	5666	12068	1.12	-	45,750
5056	5514	10570	0.92	-	70,750
7650	7789	15439	0.98	-	59,000
9136	7604	16740	1.19	-	65,000
9392	5950	15342	1.57	5.10	42,750
8969	9317	18286	0.96	-	47,750
5894	6538	12632	0.90	-	35,500
4802	5552	10354	0.86	4.72	45,000
5250	6044	11294	0.87	5.30	46,250
7008	6766	13774	1.03	-	51,500
10336	7230	17566	1.45	-	33,000
7228	5649	12877	1.28	3.52	40,500
8324	5938	14262	1.40	-	35,500
6399	6020	12419	1.06	-	27,000
6727	5913	12640	1.14	2.49	24,000
6436	5741	12177	1.12	-	41,000
11620	6010	17630	1.94	-	64,250
6936	5261	12197	1.32	-	-
4650	3497	8147	1.33	3.17	36,500
5607	4440	10047	1.26	-	52,250
6682	6622	13304	1.01	4.02	43,173

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.15	1.16	1.38	1.81	-	-	-	0.93	0.87	0.67	0.56	0.98
2	0.93	0.81	0.88	0.99	1.46	-	-	1.39	1.23	1.04	0.92	0.87
3	0.94	0.71	1.02	1.26	1.09	0.97	0.96	1.06	0.99	0.84	0.79	0.89
4	0.99	1.15	1.21	1.41	1.30	1.13	1.20	1.24	1.15	1.16	1.17	1.13
5	-	-	-	-	-	-	-	0.82	1.08	0.92	0.94	0.75
6	1.55	1.55	1.42	1.39	1.03	1.03	1.43	0.87	0.98	0.79	0.81	0.76
7	0.66	0.89	0.82	0.74	0.73	0.73	0.60	1.03	0.76	0.73	0.79	0.89
8	1.12	1.02	1.09	0.97	1.14	0.92	1.23	-	-	-	-	-
9	-	-	-	-	-	-	-	0.74	0.94	0.89	0.86	0.98
10	0.90	0.81	1.07	1.00	1.11	1.16	1.02	0.98	0.47	1.01	0.97	0.88
11	0.90	1.27	1.25	1.44	1.68	-	-	0.97	0.72	0.60	0.77	0.78
12	0.52	0.56	0.40	0.61	1.09	0.84	0.96	1.10	1.00	1.33	1.08	1.04
13	-	-	1.04	1.09	1.41	1.07	0.99	1.03	0.86	0.81	0.72	0.56
14	0.84	1.06	1.38	1.51	1.39	1.52	1.24	0.93	0.94	0.74	0.64	0.61
15	0.78	0.87	1.26	-	-	-	-	1.49	1.41	1.09	0.94	0.79
16	0.95	0.90	0.97	1.06	0.82	0.72	0.94	0.80	0.60	0.90	0.74	0.81
17	1.31	1.36	1.37	1.52	1.46	1.55	1.29	0.89	1.12	1.09	0.93	0.60
18	0.61	1.31	1.68	1.64	1.52	1.28	0.99	1.46	1.41	1.38	1.23	1.01
19	1.21	1.42	1.21	1.12	0.90	1.03	1.07	1.11	1.18	1.01	0.97	0.87
20	1.34	1.25	1.41	1.22	1.14	1.11	1.04	0.81	0.73	0.56	0.54	0.68
21	1.06	1.21	0.98	1.19	0.98	0.76	1.06	0.96	1.10	1.22	1.07	1.15
22	1.33	1.43	1.31	1.46	1.55	1.26	1.16	0.72	1.09	0.94	1.04	0.64
23	0.88	0.58	1.18	1.28	1.11	0.83	1.02	-	0.74	1.02	0.96	1.04
24	0.76	0.70	1.09	0.95	1.05	0.99	0.82	0.76	1.06	1.17	0.97	0.89
25	1.16	1.33	1.94	1.51	1.37	1.33	1.55	0.76	1.24	1.08	0.96	0.89
26	1.53	1.60	1.53	1.76	1.82	1.57	1.67	1.32	0.97	0.96	0.83	0.79
27	0.98	1.39	1.69	1.34	1.28	1.34	1.41	1.21	0.95	0.72	0.55	0.40
28	1.59	1.30	-	-	-	-	-	1.35	1.22	1.07	1.01	1.19
29	1.39	1.21	0.77	0.81	1.12	1.16	1.21	1.05	1.28	1.12	0.94	0.87
30												
31												
Promedio	1.05	1.11	1.21	1.24	1.23	1.10	1.13	1.03	1.00	0.96	0.88	0.85

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	1.31	1.26	1.31	1.78	-	-	-	0.82	0.73	0.55	0.53	0.80
2	0.60	0.65	0.69	0.85	1.07	-	-	1.44	1.09	0.95	0.82	0.76
3	0.86	0.69	1.07	1.26	0.90	0.81	0.69	0.98	0.92	0.86	0.80	0.92
4	0.83	0.72	1.12	1.02	0.83	1.02	1.10	1.24	1.15	1.16	1.17	1.13
5	-	-	-	-	-	-	0.51	0.80	1.03	0.87	0.89	0.82
6	1.38	1.24	1.35	1.28	1.02	0.91	1.17	1.07	0.80	0.82	0.85	0.77
7	0.75	0.91	0.82	0.67	0.67	0.71	0.64	0.96	0.74	0.72	0.88	0.90
8	1.13	0.94	0.98	1.24	0.94	1.03	-	-	-	-	-	-
9	0.78	0.58	0.85	0.92	0.74	0.67	0.67	0.77	0.85	0.82	0.81	0.94
10	0.73	0.67	1.07	0.88	0.89	1.14	0.96	0.87	0.87	0.88	0.87	0.84
11	0.92	1.23	1.18	1.33	1.76	-	-	0.80	0.56	0.78	0.72	0.77
12	0.53	0.48	0.37	0.60	0.92	0.71	0.78	1.06	1.16	1.20	0.92	0.94
13	-	-	1.11	1.11	1.31	1.41	1.21	0.69	0.83	0.74	0.60	0.53
14	0.69	0.88	1.08	1.18	1.17	1.02	0.83	0.64	0.76	0.59	0.55	0.51
15	0.73	0.74	0.82	0.61	1.14	1.38	0.90	1.32	1.32	0.94	0.82	0.71
16	0.91	0.71	0.83	0.96	0.47	0.65	0.51	0.62	0.64	0.82	0.67	0.78
17	1.28	1.25	1.30	1.36	1.45	1.29	1.02	0.95	1.04	1.11	0.64	0.57
18	0.81	1.55	1.53	-	-	-	-	1.31	1.26	1.26	1.20	0.93
19	1.21	1.24	1.08	0.88	0.68	0.87	0.73	1.01	0.96	0.98	0.88	0.83
20	1.18	1.20	1.24	1.16	0.96	0.96	0.85	0.77	0.67	0.46	0.53	0.68
21	1.22	1.05	0.97	0.98	0.89	0.56	0.87	0.92	1.02	1.14	1.09	1.07
22	1.41	1.22	1.40	1.37	1.55	1.30	1.22	1.39	1.05	0.88	0.82	0.41
23	0.94	0.88	1.20	1.05	0.71	1.02	1.14	0.46	0.81	0.99	1.14	0.98
24	0.74	0.62	1.09	1.06	1.05	0.93	0.99	0.99	0.94	1.09	0.95	0.78
25	1.39	1.37	1.60	1.39	1.44	1.49	1.04	1.07	1.18	1.18	1.07	1.12
26	1.55	1.48	1.48	1.49	1.58	1.49	1.65	1.19	0.95	0.97	0.74	0.72
27	0.84	1.26	1.45	1.09	1.17	1.11	0.97	1.11	0.82	0.84	0.39	0.45
28	2.16	1.59	-	-	-	-	-	1.07	1.19	0.88	1.11	1.11
29	1.36	1.26	0.69	0.76	1.04	1.01	1.06	1.13	1.16	1.07	1.00	0.90
30												
31												
Promedio	1.05	1.02	1.02	1.09	1.05	1.02	0.94	0.98	0.95	0.91	0.84	0.81

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.86	0.96	0.94	1.04	0.99	0.99	0.98	0.94	0.79	0.65	0.65	0.76	0.96
0.91	0.94	0.96	0.91	0.91	0.94	0.90	0.82	0.75	0.76	0.84	0.94	0.96
0.90	0.99	1.02	1.10	0.96	0.84	0.90	0.74	0.65	0.89	0.92	0.99	0.93
1.31	1.20	1.15	-	-	-	-	-	-	-	-	-	1.19
0.82	0.90	0.75	0.84	0.83	0.83	0.87	0.76	0.68	1.13	1.29	1.37	0.92
0.85	0.85	0.81	0.71	0.79	0.72	0.69	0.66	0.98	0.90	0.81	0.77	0.96
0.82	0.78	0.75	0.73	0.70	0.74	0.61	0.89	0.79	0.83	0.97	1.16	0.80
-	-	-	-	-	-	-	-	-	-	-	-	1.07
0.83	0.79	0.76	0.68	0.66	0.83	0.72	0.60	0.84	0.84	0.83	0.79	0.80
0.81	0.66	0.71	0.69	0.26	0.92	1.09	0.93	0.77	0.65	0.65	0.82	0.85
0.78	0.78	0.77	0.80	0.77	0.97	0.94	0.85	0.47	0.41	-	0.45	0.87
0.97	0.87	1.19	1.12	0.73	0.92	0.63	1.05	1.31	1.24	-	-	0.93
0.59	0.44	0.44	0.58	0.81	0.79	0.56	0.62	0.50	0.57	0.55	0.63	0.76
0.83	0.87	0.94	0.91	0.79	0.99	0.81	0.57	1.00	0.57	0.63	0.54	0.93
0.59	0.60	0.50	0.54	0.68	0.82	0.74	0.75	0.56	0.50	0.66	0.70	0.81
0.96	0.97	1.06	0.85	0.69	0.62	0.59	0.49	0.79	0.69	0.58	0.82	0.81
0.57	0.91	1.11	0.91	0.92	1.07	1.26	1.05	1.02	1.03	0.89	0.77	1.08
1.14	1.09	1.12	1.13	0.94	0.94	0.89	0.88	0.70	0.72	0.69	1.06	1.12
0.87	0.86	0.86	0.82	0.92	1.03	0.63	0.85	0.97	0.89	1.25	1.15	1.01
0.49	-	0.82	0.82	0.74	0.62	0.91	0.72	0.65	0.33	0.50	0.75	0.83
1.16	1.00	0.94	0.94	1.07	1.17	0.92	0.50	0.64	0.74	0.91	1.04	0.99
0.93	0.87	0.53	0.69	0.61	0.75	0.99	0.85	0.94	1.09	0.97	1.11	1.01
0.86	0.79	0.73	0.82	0.89	0.81	0.94	0.84	0.82	0.59	0.78	0.63	0.88
0.89	0.94	0.97	0.87	0.98	1.01	1.01	0.91	0.70	0.80	0.84	1.17	0.93
1.04	1.29	1.02	0.94	0.92	0.94	0.86	1.07	1.53	1.57	1.55	1.48	1.22
0.76	0.73	0.50	0.66	0.73	0.84	0.98	0.76	0.98	0.79	0.75	1.10	1.08
0.62	0.81	0.82	1.13	0.80	0.82	1.03	1.14	1.08	1.60	1.16	0.88	1.05
0.97	0.92	0.81	0.76	0.81	0.82	0.94	0.87	0.91	0.96	1.25	1.35	1.06
0.95	0.94	0.99	1.07	1.03	1.00	1.02	0.74	0.92	0.97	0.61	0.89	1.00
0.86	0.88	0.86	0.85	0.81	0.88	0.87	0.81	0.84	0.84	0.86	0.93	0.96

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.03	0.84	0.72	0.95	0.92	0.85	0.68	0.74	0.56	0.69	0.53	0.66	0.87
0.82	0.82	0.99	0.82	0.94	0.89	0.82	0.84	0.75	0.67	0.77	0.82	0.86
0.98	1.00	0.97	0.99	0.87	0.80	0.82	0.58	0.58	0.72	0.84	0.92	0.87
1.31	1.20	1.15	-	-	-	-	-	-	-	-	-	1.08
0.80	0.85	0.80	0.75	0.86	0.91	0.75	0.78	0.71	1.12	1.19	1.26	0.87
0.77	0.80	0.75	0.72	0.74	0.83	0.56	0.74	0.92	0.87	0.82	0.75	0.91
0.92	0.77	0.67	0.67	0.71	0.71	0.62	0.71	0.92	0.92	1.00	1.10	0.80
-	-	-	-	0.50	0.64	0.67	0.64	0.64	0.79	0.94	0.98	0.86
0.84	0.77	0.81	0.81	0.73	0.81	0.62	0.60	0.69	0.71	0.68	0.73	0.76
0.75	0.69	0.77	0.71	0.50	1.04	0.99	0.82	0.69	0.58	0.57	0.67	0.81
0.78	0.77	0.78	0.75	0.79	0.87	0.84	0.68	0.44	0.37	0.37	0.41	0.81
0.92	0.88	1.17	1.04	0.82	0.81	0.55	0.58	0.64	0.57	-	-	0.81
0.55	0.41	0.44	0.55	0.66	0.60	0.48	0.46	0.40	0.46	0.40	0.44	0.70
0.71	0.87	0.82	0.82	0.79	0.81	0.74	0.56	0.73	0.55	0.53	0.46	0.76
0.51	0.55	0.55	0.59	0.66	0.74	0.80	0.78	0.64	0.44	0.64	0.65	0.79
0.80	0.87	0.78	0.65	0.64	0.60	0.55	0.50	0.75	0.72	0.60	0.88	0.70
0.64	0.89	1.06	0.89	0.99	1.09	1.06	0.83	0.76	0.89	0.77	0.84	1.00
1.05	0.98	0.97	0.97	0.89	0.92	0.79	0.81	0.55	0.60	0.64	1.06	1.00
0.92	0.81	0.81	0.85	0.90	0.82	0.84	0.81	0.81	0.88	1.14	1.02	0.92
0.67	-	0.77	0.86	0.73	0.58	0.83	0.69	0.64	0.32	0.46	0.77	0.78
1.05	0.91	0.95	0.85	1.12	1.09	0.84	0.51	0.60	0.71	0.96	1.14	0.94
0.94	0.79	0.67	0.64	0.67	0.71	0.92	0.79	0.85	1.03	1.02	1.21	1.01
0.87	0.81	0.78	0.74	0.88	0.78	0.81	0.77	0.88	0.69	0.85	0.53	0.86
0.77	0.87	0.82	0.82	0.99	1.01	1.11	0.76	0.67	0.83	0.75	0.76	0.89
1.20	1.31	1.08	0.98	0.95	0.93	1.33	1.36	1.66	1.56	1.48	1.43	1.28
0.78	0.67	0.53	0.64	0.74	0.88	0.91	0.80	0.91	0.71	0.64	0.96	1.02
0.60	0.69	0.95	1.08	0.71	0.84	0.98	1.16	0.99	1.62	1.60	1.58	1.01
0.95	0.82	0.83	0.83	0.86	0.81	0.85	0.72	0.72	0.99	1.18	1.31	1.05
0.98	0.87	1.02	1.05	0.94	0.94	0.92	0.72	0.81	0.75	0.56	0.87	0.95
0.85	0.83	0.84	0.82	0.80	0.83	0.81	0.74	0.75	0.78	0.81	0.90	0.89

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	949	868	955	1035	911	775	778	901	694	782	390	614
2	434	521	564	744	782	744	988	561	1355	1115	868	868
3	521	347	608	707	564	521	608	1035	868	657	521	825
4	521	707	782	868	707	868	951	1194	1035	1115	1035	574
5	86	86	86	86	86	-	86	1515	1475	1145	955	868
6	1194	1115	1035	1077	861	1035	1035	1314	1194	1275	1275	1115
7	437	521	434	434	347	434	521	521	521	434	657	868
8	744	744	782	782	875	608	782	-	-	-	-	-
9	521	434	434	434	521	521	521	695	695	782	608	608
10	608	608	744	831	608	782	707	608	608	707	782	782
11	608	825	868	782	744	608	782	707	608	608	608	744
12	434	434	347	434	707	521	821	861	1234	1115	1115	1035
13	608	347	521	695	1115	390	607	1071	707	707	390	390
14	521	825	861	1035	1115	1194	1035	991	1394	1234	825	868
15	707	608	608	608	434	707	955	574	1115	1115	1115	955
16	868	608	782	825	608	424	657	738	521	911	868	955
17	955	955	995	1035	1035	1035	955	782	744	782	1275	738
18	347	1354	1319	1234	1035	881	991	1115	955	1035	1194	1194
19	955	908	744	707	651	821	901	937	1115	1515	1194	1275
20	657	955	908	782	564	614	601	564	434	477	707	861
21	695	658	707	521	614	782	-	-	-	-	-	-
22	909	1115	1115	1035	1155	1195	912	608	658	825	782	608
23	565	608	1035	825	608	825	955	735	1035	1035	1195	825
24	651	707	795	778	608	651	695	521	608	909	995	1035
25	909	1028	988	818	782	868	745	788	782	782	868	701
26	1115	1155	1115	1155	1194	1354	1354	1435	1155	868	745	707
27	782	1075	1194	1194	1035	1035	1115	1155	995	868	-	-
28	1315	1315	1315	1155	1194	1155	1115	1395	1435	1275	1194	1354
29	1035	1035	521	608	782	782	955	1035	1315	1072	831	955
30												
31												
Promedio	712	775	799	801	767	791	826	902	935	931	884	858

IONES LIVIANOS NEGATIVOS "n−" por cm³

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
1	715	526	601	601	451	312	312	344	312	376	150	488
2	226	188	226	188	312	226	338	763	1170	866	676	526
3	226	150	312	376	312	312	301	752	676	526	413	564
4	150	226	269	344	269	376	457	986	940	828	752	752
5	75	75	75	-	75	-	75	1250	1390	1048	752	752
6	526	526	376	413	413	376	488	905	905	1052	1120	905
7	226	226	226	226	226	226	269	434	608	434	564	707
8	608	521	434	434	521	390	521	-	-	-	-	-
9	312	150	150	188	226	312	343	419	451	526	488	451
10	226	226	269	226	226	312	344	344	488	564	526	602
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	602	940	714	714	639
13	-	-	-	-	-	-	-	-	-	-	-	-
14	75	312	188	376	451	376	269	312	826	905	564	564
15	312	312	150	150	150	301	376	563	714	676	676	602
16	376	226	312	376	150	150	75	300	263	488	413	564
17	526	526	526	526	526	526	488	451	602	639	414	526
18	312	752	715	565	848	639	312	526	602	526	752	828
19	526	451	376	226	150	226	312	529	792	1188	866	905
20	376	639	489	226	269	312	312	269	150	231	451	639
21	376	269	350	188	226	312	-	639	752	828	676	639
22	677	602	936	877	905	828	676	676	676	602	602	488
23	413	376	676	344	344	381	676	532	905	905	905	564
24	312	226	269	269	312	312	269	338	526	676	676	676
25	376	602	451	376	451	451	376	526	451	602	828	752
26	828	866	602	677	677	1590	1219	1285	1052	790	602	526
27	488	714	752	752	451	526	451	828	714	602	-	-
28	1012	905	828	602	676	676	563	1289	1320	1188	976	1120
29	676	752	312	376	526	526	563	905	1120	864	752	676
30												
31												
Promedio	421	436	418	396	390	439	415	645	667	717	652	658

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
868	707	521	782	782	782	614	608	571	521	521	477	725
868	868	868	744	704	657	521	370	434	434	521	608	714
744	744	782	608	521	521	521	521	521	657	521	521	624
782	437	521	86	86	86	86	86	174	86	86	86	540
782	707	521	521	521	608	608	694	738	868	995	1115	659
1035	955	825	707	608	608	479	572	392	437	437	437	876
955	782	744	521	521	347	434	564	434	564	707	707	559
-	-	-	-	-	-	-	-	-	707	782	782	759
521	521	564	434	434	564	521	521	477	434	521	521	534
744	521	521	434	434	521	564	608	521	521	434	521	613
782	707	608	707	707	707	657	521	347	347	347	347	636
955	608	868	782	434	782	521	647	1234	1151	521	707	761
608	434	434	521	434	390	434	434	390	434	434	434	539
991	955	955	782	707	608	707	608	521	434	434	434	835
608	434	521	782	564	651	657	521	521	477	434	707	682
955	955	955	825	707	521	521	521	434	477	434	707	699
521	744	782	782	1075	868	868	782	825	738	564	564	850
1035	861	868	782	744	707	608	608	521	608	564	831	891
1115	955	955	825	782	608	707	744	521	521	608	608	861
782	782	782	614	477	521	347	260	260	347	521	651	603
1075	1194	1115	868	868	952	831	521	434	390	347	521	727
868	788	390	347	347	478	737	707	565	528	608	825	754
658	608	521	521	521	521	658	565	521	571	651	695	719
782	782	707	782	782	707	782	745	577	521	347	658	714
912	782	782	680	434	691	434	658	1035	1194	1115	1115	829
868	658	521	521	608	-	-	608	521	608	707	912	902
-	911	782	782	831	995	707	707	782	868	995	955	941
1035	868	782	608	565	565	782	608	707	782	1035	1035	1024
955	658	745	825	658	707	782	707	658	608	521	745	812
844	747	712	649	602	618	596	572	558	580	576	663	736

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
451	376	226	451	434	312	226	312	226	188	269	312	374
639	568	526	376	376	344	150	150	226	226	312	226	409
526	526	451	451	413	413	344	188	150	150	150	150	368
752	676	563	75	75	-	75	75	150	75	75	75	392
602	488	451	451	526	451	413	451	413	602	526	602	525
752	676	526	413	376	312	226	312	226	150	150	150	511
782	707	608	434	434	347	217	303	260	303	434	434	401
-	-	-	-	-	-	-	-	-	451	451	451	478
376	376	376	312	269	312	150	150	150	150	150	226	292
526	413	488	413	381	376	312	226	-	-	-	-	374
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	722
-	-	-	-	-	-	-	188	312	188	150	150	198
639	602	526	376	344	344	312	150	226	226	150	150	390
312	226	344	451	344	419	312	269	226	226	150	312	357
526	526	526	526	451	376	376	312	226	226	226	419	350
312	376	451	488	676	526	419	112	312	226	226	312	446
676	526	451	488	451	376	312	226	188	226	226	451	499
785	676	676	526	526	488	376	376	150	188	269	226	492
526	526	451	381	338	312	150	150	150	188	312	563	350
602	676	714	526	564	602	376	226	112	226	226	344	454
526	526	451	312	312	312	451	344	269	-	488	639	573
376	376	312	269	376	376	312	188	150	312	312	188	440
526	451	376	488	376	376	413	112	150	312	112	150	363
752	526	602	451	451	532	677	676	752	828	677	752	580
602	489	376	564	676	790	714	451	419	376	344	451	707
-	-	602	602	639	785	451	451	488	602	676	602	609
828	602	639	526	526	451	451	312	451	488	564	639	735
676	564	639	564	451	451	376	226	312	312	226	413	552
586	520	494	437	431	425	344	267	268	298	293	361	461

IONES PESADOS POSITIVOS "N+" por cm³

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
1	2690	3585	3585	3585	4490	5380	6295	5380	6295	6295	8950	7180
2	8950	8060	8060	7180	8060	9860	9860	4490	7180	3585	5380	5380
3	3585	6295	3585	1795	5380	2690	5380	1795	898	1795	3585	898
4	7180	2690	2690	3585	5380	1795	2690	-	-	-	-	-
5	-	-	-	2690	-	-	-	-	13430	4490	5380	8060
6	3585	3585	3585	6295	5380	7180	6295	8060	5380	3585	7180	7180
7	12590	9860	6295	20350	9860	-	14350	9860	8950	-	4490	4490
8	4490	3585	4490	6295	3585	7180	6295	10770	-	-	-	3585
9	5380	5380	5380	7180	6295	6295	7180	6295	2690	3585	898	898
10	13430	7180	6295	12590	20350	-	2690	-	-	4490	7180	3585
11	-	898	1795	898	3585	1795	-	1795	3585	16130	11690	4490
12	8060	9860	9860	9860	5380	5380	9860	1795	-	2690	-	-
13	12590	3585	7180	3585	1795	-	3585	5380	8950	9860	14350	14350
14	-	10770	9860	8950	8950	5380	-	-	-	13430	12590	15250
15	7180	5380	6295	6295	9860	-	8950	8950	6295	-	9860	13430
16	6295	2690	1795	-	9860	7180	-	-	9860	3585	5380	3585
17	898	-	6295	898	-	-	1795	898	1795	-	3585	3585
18	10770	1795	4490	7180	8950	3585	5380	898	-	-	-	1795
19	4490	4490	4490	5380	7180	8950	9860	4490	2690	8060	8060	8060
20	9860	8060	5380	8060	8060	7180	8950	13430	17050	17050	-	-
21	5380	6295	-	-	8950	-	5380	4490	4490	-	-	-
22	7180	8060	-	8060	8950	3585	8950	6295	3585	6295	10770	-
23	12590	11690	2690	7180	-	8950	4490	9860	3585	1795	2690	2690
24	7180	10770	10770	11690	13430	9860	14350	8060	4490	2690	3585	9860
25	12590	7180	8060	9860	11690	11690	8950	5380	-	5380	8950	3585
26	8950	4490	3585	15250	15250	20700	15250	8950	11690	11690	12590	-
27	3585	7180	4490	-	6295	6295	6295	9860	6295	-	-	-
28	2690	2690	3585	4490	4490	5380	4490	3585	4490	-	-	3585
29	3585	2690	6295	5380	4490	6295	8060	7180	3585	4490	4490	5380
30												
31												
Promedio	7144	5881	5418	7098	7921	6936	7425	6164	6239	6548	7221	5950

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	8060	5380	7180	6295	7180	10770	9860	12590	14350	12590	20350	13450
2	16130	16130	16130	15250	17050	17050	17050	4490	5380	3585	3585	2690
3	6295	5380	3585	5380	5380	7180	-	4490	5380	14350	4490	4490
4	8950	7180	8060	8950	7180	7180	-	3585	3585	-	-	14350
5	4490	3585	8060	8950	9860	7180	-	16130	4490	7180	10770	7180
6	1795	4490	1795	3585	2690	4490	4490	3585	2690	3585	2690	2690
7	-	4490	5380	8950	8950	12590	5380	8060	8060	8060	2690	8060
8	3585	2690	3585	2690	3585	7180	-	17950	-	-	10770	8950
9	12590	16130	10770	13430	11690	12590	12590	4490	2690	3585	1795	898
10	6295	8950	5380	3585	8950	4490	-	-	4490	6295	898	3585
11	3585	2690	3585	3585	3585	5380	-	6295	-	8950	6295	4490
12	11690	8060	8060	7180	5380	-	4490	7180	9860	9860	8950	4490
13	8060	6295	3585	4490	3585	3585	5380	8060	5380	9860	-	8950
14	10770	7180	7180	-	5380	6295	-	-	5380	7180	5380	1795
15	5380	3585	4490	-	-	-	-	-	12590	-	11690	17050
16	11690	6295	8950	-	16130	17050	-	-	1795	2690	3585	3585
17	8950	-	5380	1795	2690	3585	-	6295	5380	5380	7180	7180
18	5380	8060	-	10770	5380	3585	5380	3585	2690	3585	4490	2690
19	5380	4490	3585	4490	5380	3585	4490	3585	8060	8060	8060	9860
20	8950	6295	6295	8060	4490	8060	8950	11690	-	9860	-	2690
21	2690	3585	-	4490	4490	6295	-	4490	7180	-	-	-
22	8060	8950	2690	2690	-	6295	2690	-	7180	898	10770	4490
23	14350	12590	7180	4490	3585	2690	3585	9860	2690	6295	4490	3585
24	7180	6295	6295	8060	6295	6295	8060	3585	4490	2690	-	6295
25	5380	8060	-	9860	-	3585	11690	-	-	5380	8060	2690
26	898	4490	7180	-	3585	-	5380	6295	4490	7180	5380	5380
27	3585	898	-	7180	4490	6295	8060	3585	16130	-	-	-
28	2690	1795	4490	2690	3585	-	5380	1795	5380	-	2690	3585
29	2690	1795	-	1795	2690	-	-	1795	3585	4490	6295	3585
30												
31												
Promedio	6984	6279	6203	6348	6278	7220	7230	6672	6135	6591	6581	5878

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
4490	4490	8950	4490	3585	1795	7180	10770	9860	11690	11690	11690	6433
5380	3585	1795	898	-	-	2690	9860	8060	7180	6295	5380	6235
-	-	-	-	-	898	-	6295	8950	3585	6295	2690	3689
-	-	6295	-	3585	-	8950	-	-	1795	898	2690	3863
5380	2690	-	1795	3585	3585	-	8060	6295	1795	8060	6295	5439
13430	7180	8060	8060	6295	5380	5380	10770	11690	10770	8950	9860	7213
8950	3585	4490	8060	7180	4490	6295	8060	6295	9860	6295	5380	8184
2690	4490	6295	5380	3585	3585	5380	6295	8950	7180	3585	3585	5298
898	1795	898	898	-	-	3585	8950	10770	16130	13430	16130	5952
9860	2690	4490	7180	-	3585	2690	2585	4490	6295	2690	2690	6402
1795	3585	2690	1795	1795	3585	5380	8060	9860	9860	9860	6295	5056
-	3585	-	-	7180	1795	12590	17050	-	2690	8060	14350	7650
10770	16130	15250	-	-	-	13430	5380	-	-	-	-	9136
10770	6295	-	8950	7180	8060	7180	9860	-	9860	13430	11690	9392
-	10770	14350	15250	8950	4490	4490	5380	10770	13430	12590	5380	8969
2690	3585	1795	6295	7180	8060	8950	9860	7180	7180	7180	3585	5894
4490	1795	898	5380	2690	2690	5380	12590	4490	13430	11690	10770	4802
898	-	1795	2690	2690	2690	4490	6295	10770	12590	9860	5380	5250
8950	-	8950	9860	5380	-	7180	6295	8060	7180	8060	8060	7008
-	5380	-	5380	8060	10770	14350	14350	14350	-	-	-	10336
5380	898	4490	-	3585	2690	5380	15250	15250	13430	12590	8950	7228
3585	4490	7180	7180	5380	4490	5380	5380	7180	7180	4490	4490	8324
7180	3585	2690	3585	3585	2690	4490	8060	10770	8950	11690	11690	6399
8950	6295	1795	4490	898	898	1795	3585	9860	1795	7180	7180	6727
898	4490	8950	3585	7180	4490	8060	6295	2690	1795	2690	3585	6436
10770	13430	14350	16130	12590	-	-	-	-	6295	9860	8950	11620
-	-	11690	11690	6295	4490	6295	8060	7180	5380	6295	7180	6936
3585	6295	7180	6295	3585	2690	4490	8060	6295	4490	5380	4490	4650
5380	4490	1795	1795	1795	1795	8060	8950	7180	11690	10770	8950	5607
5964	5233	6130	6130	5159	3900	6520	8571	8635	7908	8143	7310	6682

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
9860	9860	13430	12590	8060	8060	14350	20700	22400	21520	20350	18870	12837
5380	-	4490	3585	3585	2690	6295	8950	5380	6295	5380	6295	8385
5380	2690	4490	4490	5380	4490	6295	9860	8950	8950	8060	7180	6201
9860	-	-	-	-	-	8950	5380	3585	-	4490	9860	7410
3585	-	3585	4490	6295	6295	14350	11690	8060	7180	3585	898	7177
5380	-	3585	1795	3585	4490	5380	6295	5380	4490	2690	6295	3823
3585	2690	3585	3585	2690	3585	5380	2690	6295	4490	4490	2690	5497
10770	11690	10770	10770	11690	10770	10770	12590	14350	10770	8950	8950	9230
3585	3585	5380	3585	5380	5380	9860	17950	17050	16130	-	8950	8699
11690	5380	-	-	3585	4490	6295	-	3585	5380	8950	5380	5666
-	4490	5380	3585	4490	3585	6295	8950	8950	8060	8060	-	5514
5380	3585	-	8060	1795	-	15250	-	17050	4490	-	7180	7789
10770	11690	-	10770	-	7180	10770	7180	5380	10770	10770	7180	7604
2690	1795	5380	3585	5380	6295	6295	-	-	9860	8060	7180	5950
-	16130	9860	14350	-	7180	5380	-	-	8060	5380	-	9317
3585	3585	4490	5380	7180	6295	6295	7180	7180	6295	5380	2690	6538
7180	7180	5380	4490	3585	-	5380	2690	6295	3585	8060	8950	5552
3585	4490	3585	8060	4490	6295	3585	8950	10770	15250	6295	8060	6044
-	8060	12590	16130	4490	-	4490	8060	6295	6295	7180	6295	6766
-	5380	1795	-	-	6295	10770	11690	-	8060	-	3585	7230
1795	4490	7180	6295	4490	4490	9860	9860	-	7180	7180	-	5649
2690	-	9860	6295	7180	6295	4490	5380	6295	5380	7180	8950	5938
5380	2690	4490	4490	3585	4490	4490	9860	7180	7180	8950	6295	6020
8950	3585	3585	2690	2690	4490	6295	8060	8950	8950	6295	-	5913
4490	8060	3585	2690	11690	10770	4490	4490	2690	2690	898	3585	5741
1795	8950	8060	4490	9860	-	6295	8950	10770	7180	3585	-	6010
-	-	-	5380	7180	2690	-	3585	3585	2690	-	3585	5261
3585	3585	3585	2690	3585	4490	-	3585	3585	-	5380	1795	3497
3585	6295	3585	3585	2690	-	5380	5380	8950	8060	7180	5380	4440
5606	6084	5904	6073	5384	5700	7546	8398	8358	7972	6911	6503	6622

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	7.6	6.0	4.5	12.1	3.0	1.5	3.0	- 9.5	1.5	7.6	6.0	3.0	6.0
2	10.6	9.1	6.0	6.0	6.0	4.5	1.5	4.5	9.1	10.6	7.6	9.1	6.0
3	9.1	9.1	7.6	6.0	3.0	4.5	3.0	3.0	3.0	6.0	13.6	9.1	7.6
4	6.0	7.6	9.1	9.1	3.0	- 3.2	- 3.2	- 1.6	4.5	13.6	12.1	13.6	9.1
5	7.6	7.6	6.0	6.0	3.0	1.5	- 1.6	4.5	9.1	13.6	10.6	15.1	9.1
6	- 1.6	-11.1	- 3.2	3.0	3.0	- 3.2	- 3.2	- 3.2	3.0	7.6	7.6	13.6	- 4.7
7	4.5	3.0	4.5	9.1	1.5	3.0	- 9.5	- 3.2	7.6	7.6	3.0	4.5	6.0
8	12.1	10.6	4.5	7.6	6.0	3.0	4.5	3.0	12.1	13.6	6.0	7.6	12.1
9	4.5	4.5	10.6	9.1	6.0	3.0	3.0	3.0	6.0	12.1	9.1	9.1	9.1
10	9.1	10.6	9.1	9.1	9.1	7.6	1.6	- 1.6	4.5	10.6	9.1	7.6	- 1.6
11	10.6	9.1	10.6	10.6	7.6	3.0	- 3.2	1.5	6.0	15.1	9.1	12.1	4.5
12	7.6	4.5	7.6	7.6	6.0	3.0	3.0	3.0	9.1	13.6	12.1	10.6	7.6
13	15.1	12.1	10.6	13.6	3.0	3.0	- 6.4	- 3.2	12.1	13.6	10.6	9.1	3.0
14	9.1	6.0	9.1	7.6	4.5	6.0	- 1.6	3.0	4.5	7.6	7.6	12.1	12.1
15	7.6	7.6	7.6	9.1	4.5	3.0	- 3.2	- 4.7	- 1.6	9.1	7.6	9.1	12.1
16	9.1	6.0	4.5	9.1	1.5	7.6	7.6	1.5	6.0	3.0	3.0	16.6	15.1
17	9.1	9.1	7.6	9.1	7.6	7.6	6.0	3.0	6.0	13.6	13.6	12.1	13.6
18	7.6	9.1	6.0	6.0	6.0	7.6	4.5	3.0	6.0	7.6	9.1	9.1	6.0
19	3.0	4.5	4.5	6.0	6.0	6.0	- 3.2	- 3.2	3.0	6.0	6.0	6.0	-
20	9.1	1.6	13.6	13.6	6.0	6.0	- 3.2	- 1.6	6.0	9.1	13.6	10.6	9.1
21	6.0	7.6	4.5	6.0	3.0	3.0	1.5	- 1.6	4.5	6.0	7.6	9.1	9.1
22	3.0	4.5	6.0	10.6	7.6	9.1	1.5	1.5	3.0	7.6	12.1	12.1	16.6
23	3.0	6.0	6.0	7.6	7.6	6.0	3.0	- 1.6	1.5	3.0	3.0	4.5	10.6
24	15.1	21.2	16.6	15.1	12.1	12.1	12.1	4.5	- 4.7	7.6	10.6	9.1	6.0
25	4.5	10.6	12.1	12.1	7.6	7.6	3.0	1.5	3.0	7.6	9.1	7.6	9.1
26	1.5	7.6	7.6	12.1	3.0	9.1	1.5	- 4.7	1.5	1.5	3.0	4.5	7.6
27	- 6.4	6.0	6.0	9.1	6.0	7.6	- 3.2	3.0	7.6	10.6	-	-	-
28	1.5	3.0	10.6	7.6	6.0	12.1	3.0	3.0	10.6	10.6	4.5	6.0	4.5
29	4.5	6.0	9.1	7.6	7.6	7.6	3.0	1.5	7.6	10.6	4.5	12.1	9.1
30													
31													
Prom	6.6	6.9	7.5	8.9	5.4	5.1	0.9	0.3	5.2	9.2	8.3	9.4	7.9
Var.	1.9	2.2	2.8	4.2	0.7	0.4	- 3.8	- 4.4	0.5	4.5	3.6	4.7	3.2

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	21.4	25.6	24.2	18.5	17.1	12.8	14.2	8.6	18.5	14.2	17.1	15.7	15.7
2	24.2	27.1	22.8	20.0	17.1	15.7	14.2	15.7	20.0	18.5	18.5	18.5	15.7
3	20.0	25.6	21.4	21.4	22.8	21.4	20.0	20.0	17.1	14.2	17.1	15.7	17.1
4	18.5	22.8	22.8	20.0	14.2	14.2	14.2	15.7	14.2	15.7	17.1	14.2	17.1
5	14.2	22.8	12.8	11.4	8.6	4.3	5.7	7.1	8.6	7.1	7.1	10.0	8.6
6	8.6	14.2	12.8	10.0	5.7	2.8	4.3	7.1	5.7	5.7	2.8	5.7	8.6
7	11.4	12.8	11.4	11.4	10.0	8.6	10.0	11.4	11.4	11.4	5.7	11.4	11.4
8	14.2	15.7	17.1	17.1	12.8	11.4	12.8	11.4	10.0	7.1	2.8	7.1	11.4
9	15.7	17.1	17.1	18.5	15.7	14.2	17.1	15.7	17.1	12.8	14.2	14.2	14.2
10	12.8	21.4	21.4	20.0	18.5	17.1	15.7	15.7	15.7	12.8	15.7	15.7	15.7
11	12.8	22.8	21.4	22.8	17.1	14.2	14.2	15.7	17.1	17.1	18.5	20.0	20.0
12	15.7	21.4	21.4	20.0	14.2	17.1	18.5	18.5	21.4	22.8	20.0	20.0	21.4
13	21.4	20.0	21.4	17.1	10.0	5.7	11.4	12.8	4.3	10.0	14.2	20.0	18.5
14	17.1	21.4	20.0	20.0	11.4	11.4	10.0	11.4	12.8	12.8	11.4	11.4	12.8
15	20.0	20.0	18.5	20.0	14.2	11.4	14.2	15.7	18.5	18.5	18.5	14.2	17.1
16	24.2	22.8	20.0	18.5	14.2	10.0	10.0	12.8	10.0	11.4	11.4	10.0	11.4
17	15.7	18.5	17.1	18.5	17.1	14.2	15.7	14.2	12.8	14.2	14.2	12.8	18.5
18	18.5	18.5	18.5	20.0	12.8	11.4	14.2	12.8	15.7	15.7	17.1	15.7	15.7
19	12.8	17.1	18.5	18.5	17.1	8.6	10.0	15.7	17.1	18.5	15.7	15.7	-
20	14.2	20.0	17.1	20.0	14.2	7.1	8.6	11.4	11.4	8.6	10.0	8.6	10.0
21	20.0	24.2	22.8	21.4	15.7	10.0	8.6	12.8	12.8	18.5	14.2	15.7	17.1
22	20.0	21.4	20.0	20.0	15.7	14.2	12.8	21.4	27.1	22.8	25.6	24.2	24.2
23	24.2	27.1	25.6	27.1	20.0	18.5	21.4	21.4	17.1	17.1	17.1	20.0	20.0
24	17.1	22.8	21.4	24.2	20.0	20.0	15.7	14.2	14.2	12.8	14.2	15.7	17.1
25	14.2	18.5	18.5	18.5	15.7	17.1	20.0	18.5	17.1	17.1	14.2	11.4	12.8
26	18.5	21.4	20.0	17.1	14.2	12.8	15.7	14.2	14.2	12.8	12.8	12.8	12.8
27	12.8	15.7	17.1	18.5	15.7	15.7	11.4	18.5	18.5	22.8	-	-	-
28	24.2	29.9	27.1	27.1	20.0	11.4	18.5	14.2	17.1	17.1	20.0	20.0	18.5
29	21.4	24.2	21.4	22.8	21.4	15.7	18.5	20.0	20.0	21.4	21.4	20.0	21.4
30													
31													
Prom	17.1	21.1	19.7	19.3	15.7	12.7	13.7	14.6	15.1	14.9	14.6	14.9	15.7
Var.	1.1	5.1	3.7	3.3	- 0.3	- 3.3	- 2.3	- 1.4	- 0.9	- 1.1	- 1.4	- 1.1	- 0.3

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
15.1	10.6	-14.3	-12.7	- 3.2	3.0	6.0	9.1	4.5	7.6	7.6	3.6	2
4.5	- 1.6	- 3.2	- 6.4	- 4.7	- 4.7	4.5	3.0	4.5	6.0	6.0	4.1	1
- 1.6	4.5	1.5	- 4.7	- 4.7	- 3.2	3.0	3.0	3.0	9.1	4.5	4.1	0
6.0	- 3.2	- 3.2	- 3.2	- 1.6	3.0	3.0	3.0	4.5	7.6	6.0	4.2	0
7.6	3.0	1.5	- 6.4	- 3.2	- 3.2	6.0	3.0	3.0	3.0	- 1.6	4.4	1
- 9.5	- 3.2	- 6.4	- 8.0	- 7.6	- 8.0	13.6	4.5	3.0	9.1	6.0	0.0	2
- 6.4	- 3.2	- 3.2	1.5	- 3.2	3.0	3.0	6.0	10.6	6.0	3.0	2.4	1
6.0	3.0	- 4.7	- 4.7	4.5	6.0	10.6	10.6	9.1	7.6	10.6	6.7	2
9.1	6.0	3.0	- 3.2	1.5	7.6	3.0	6.0	7.6	6.0	3.0	5.8	1
3.0	- 3.2	-11.1	-14.3	1.5	- 9.5	- 9.5	- 3.2	7.6	10.6	18.1	3.1	2
6.0	- 3.2	4.5	- 3.2	3.0	6.0	3.0	10.6	10.6	10.6	12.1	6.5	2
9.1	4.5	- 3.2	- 6.4	-11.1	9.1	1.5	6.0	13.6	10.6	9.1	5.8	2
12.1	- 6.4	3.0	- 3.2	- 6.4	4.5	7.6	9.1	10.6	9.1	9.1	6.0	2
10.6	- 1.6	1.5	- 6.4	- 1,6	3.0	7.6	4.5	4.5	7.6	6.0	5.1	1
10.6	3.0	- 3.2	- 6.4	- 4.7	1.5	4.5	6.0	6.0	7.6	6.0	4.1	1
9.1	3.0	- 1.6	- 3.2	- 9.5	9.0	6.0	4.5	7.6	7.6	6.0	5.1	2
4.5	4.5	- 1.6	- 1.6	- 1.6	- 1.6	7.6	3.0	- 3.2	15.1	12.1	6.5	1
4.5	- 8.0	- 8.0	- 8.0	- 1.6	1.5	3.0	9.1	6.0	6.0	6.0	4.1	1
4.5	3.0	1.5	1.5	1.5	3.0	4.5	4.5	9.1	9.1	6.0	-	1
7.6	6.0	- 3.2	- 8.0	- 6.4	6.0	3.0	- 9.5	9.1	1.5	12.1	4.6	1
6.0	3.0	3.0	- 1.6	1.5	3.0	7.6	6.0	6.0	9.1	7.6	4.9	0
13.6	7.6	6.0	1.5	3.0	6.0	6.0	7.6	7.6	6.0	4.5	6.8	0
12.1	6.0	1.5	-11.6	9.1	10.6	- 6.4	-22.3	-30.2	-17.5	-11.1	0.4	2
- 1.6	1.5	6.0	1.5	3.0	1.5	4.5	9.1	3.0	7.6	6.0	7.5	1
10.6	1.5	- 1.6	- 3.2	3.0	3.0	3.0	1.5	1.5	6.0	4.5	5.2	2
1.5	4.5	4.5	3.0	3.0	1.5	- 1.6	6.0	7.6	9.1	- 1.6	3.9	1
9.1	6.0	3.0	1.5	- 3.2	7.6	10.6	9.1	7.6	7.6	- 4.7	-	1
6.0	4.5	4.5	3.0	6.0	7.6	7.6	6.0	6.0	6.0	3.0	6.0	0
9.1	3.0	3.0	1.5	4.5	1.5	3.0	7.6	7.6	7.6	9.1	6.2	0
6.2	1.9	- 0.7	- 3.5	- 1.0	2.5	4.3	4.3	5.1	6.8	5.7	4.7	
1.5	- 2.8	- 5.4	- 8.2	- 5.7	- 2.2	- 0.4	- 0.4	0.4	2.1	1.0		

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
15.7	14.2	22.8	17.1	15.7	15.7	12.8	18.5	17.1	24.2	22.8	17.5	1
17.1	20.0	20.0	18.5	17.1	12.8	17.1	14.2	15.7	24.2	18.5	18.5	1
18.5	21.4	14.2	12.8	14.2	14.2	12.8	15.7	12.8	17.1	17.1	17.7	1
18.5	12.8	12.8	12.8	11.4	10.0	4.3	11.4	11.4	17.1	14.2	14.9	1
10.0	10.0	8.6	5.7	5.7	4.3	5.7	7.1	7.1	10.0	7.1	8.7	1
8.6	5.7	11.4	8.6	8.6	5.7	7.1	8.6	8.6	10.0	8.6	7.7	0
11.4	10.0	11.4	10.0	11.4	10.0	11.4	12.8	12.8	15.7	12.8	11.2	0
12.8	12.8	17.1	17.1	17.1	17.1	14.2	15.7	18.5	17.1	17.1	13.6	0
17.1	18.5	15.7	14.2	14.2	14.2	14.2	15.7	17.1	21.4	15.7	15.9	0
15.7	18.5	17.1	17.1	14.2	14.2	11.4	18.5	15.7	21.4	15.7	16.6	0
20.0	15.7	17.1	15.7	15.7	14.2	14.2	15.7	18.5	20.0	18.5	17.5	0
20.0	18.5	22.8	21.4	18.5	15.7	17.1	17.1	2.8	21.4	17.1	18.5	0
17.1	11.4	17.1	17.1	14.2	8.6	11.4	14.2	15.7	20.0	21.4	14.8	0
12.8	11.4	11.4	14.2	14.2	11.4	10.0	14.2	14.2	18.5	20.0	14.0	0
17.1	17.1	15.7	17.1	15.7	12.8	11.4	12.8	17.1	21.4	22.8	16.7	0
11.4	11.4	17.1	14.2	14.2	14.2	11.4	12.8	18.5	18.5	17.1	14.5	0
20.0	21.4	20.0	15.7	14.2	14.2	14.2	14.2	14.2	21.4	20.0	16.4	0
14.2	15.7	14.2	14.2	12.8	11.4	12.8	14.2	17.1	17.1	14.2	15.2	0
21.4	12.8	20.0	18.5	18.5	14.2	14.2	14.2	18.5	20.0	15.7	16.2	0
11.4	12.8	14.2	11.4	12.8	10.0	11.4	15.7	14.2	21.4	17.1	13.1	0
17.1	18.5	20.0	20.0	15.7	15.7	17.1	15.7	18.5	21.4	18.5	17.1	0
27.1	25.6	25.6	24.2	24.2	20.0	20.0	24.2	27.1	28.5	31.4	22.8	0
20.0	21.4	20.0	17.1	15.7	15.7	18.5	21.4	24.2	25.6	18.5	20.6	0
15.7	20.0	18.5	15.7	18.5	14.2	12.8	11.4	12.8	17.1	15.7	16.7	0
14.2	14.2	14.2	12.8	14.2	12.8	14.2	15.7	15.7	20.0	15.7	15.7	0
11.4	14.2	14.2	12.8	12.8	12.8	11.4	11.4	14.2	18.5	15.7	14.5	0
17.1	22.8	20.0	21.4	18.5	14.2	15.7	21.4	17.1	17.1	17.1	17.6	0
18.5	18.5	21.4	17.1	17.1	17.1	18.5	21.4	21.4	24.2	21.4	20.1	0
18.5	20.0	18.5	20.0	22.8	21.4	21.4	25.6	24.2	18.5	12.8	20.6	0
16.2	16.1	17.0	15.7	15.2	13.4	13.4	15.6	16.0	19.6	17.2	16.0	
0.2	0.1	1.0	- 0.3	- 0.8	- 2.6	- 2.6	- 0.4	0.0	3.6	1.2		

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	56.7	56.7	57.4	57.8	57.8	58.7	58.8	58.7	58.3	57.3	57.5	57.7	57.6	57.6	57.2
2	57.7	57.0	57.0	57.1	57.5	57.7	58.5	58.7	58.6	58.3	58.0	57.9	57.5	57.2	56.8
3	57.1	57.0	56.8	56.8	57.1	57.1	57.2	57.6	57.2	57.1	57.0	56.3	55.9	55.4	54.6
4	52.4	52.3	52.1	52.0	52.2	52.5	52.7	52.0	51.7	51.5	51.4	51.4	51.5	51.4	50.9
5	52.6	53.1	53.6	53.9	54.6	55.1	56.1	56.6	57.0	57.0	57.0	57.0	57.1	57.1	56.5
6	62.0	62.0	62.0	62.2	62.5	62.9	63.2	63.6	63.3	63.3	63.0	62.7	62.3	61.9	61.2
7	60.4	60.4	60.3	60.6	60.9	61.0	61.0	61.0	61.0	60.9	60.3	60.0	59.2	58.4	58.1
8	58.2	58.0	57.9	57.7	57.9	58.3	58.5	57.7	57.7	57.8	57.7	57.3	57.2	56.6	56.1
9	55.9	55.7	55.5	55.4	55.7	56.2	56.7	57.8	57.7	57.4	57.2	56.8	56.3	55.6	55.2
10	55.2	54.5	54.2	54.3	54.7	55.2	55.4	55.4	55.3	55.3	55.3	55.2	54.7	54.5	53.7
11	55.1	55.1	54.9	54.9	55.1	55.4	55.5	55.7	55.8	55.8	55.7	55.8	55.8	55.2	55.0
12	56.3	56.1	56.0	56.0	56.1	56.4	56.5	56.6	56.6	56.3	55.9	55.9	55.6	54.9	53.9
13	56.6	56.7	56.8	56.9	57.6	58.1	58.3	58.6	58.6	58.5	58.6	57.5	57.1	56.8	56.7
14	56.5	56.7	56.8	56.9	57.0	57.1	57.1	57.3	57.1	56.9	56.6	56.0	55.7	54.9	54.5
15	55.2	54.8	54.6	54.7	54.9	55.2	55.3	55.5	55.7	55.6	54.9	54.4	53.8	54.2	53.8
16	55.4	55.1	55.0	54.9	55.1	55.8	55.9	55.8	55.9	56.0	55.8	55.7	55.3	54.9	54.4
17	52.9	52.6	52.1	51.9	51.6	51.3	50.9	50.6	50.8	50.7	49.8	49.1	48.6	48.0	47.2
18	51.1	50.3	50.7	51.5	50.6	59.4	51.6	52.4	53.0	53.5	53.3	53.3	53.1	52.8	52.6
19	54.4	54.3	54.2	54.2	54.4	54.9	54.9	55.1	55.4	55.6	55.3	55.2	55.3	55.0	54.3
20	55.8	55.8	55.7	55.7	55.8	56.3	56.5	56.6	56.9	57.0	57.1	57.2	57.2	57.2	56.9
21	59.4	59.5	59.4	59.2	59.5	59.8	60.2	60.3	60.5	60.7	60.8	60.8	60.7	60.4	60.1
22	60.7	60.6	60.8	61.0	61.2	61.7	62.0	60.1	59.9	59.6	59.2	58.2	57.7	58.8	58.3
23	58.8	58.8	58.9	58.9	58.7	59.0	59.4	59.6	59.6	59.4	58.8	58.8	58.1	57.5	56.9
24	56.6	55.9	55.6	55.5	55.4	55.6	55.7	55.0	54.8	54.9	54.6	54.1	53.5	52.9	52.4
25	53.9	53.7	53.5	53.3	53.9	54.3	54.5	54.5	54.5	54.5	54.6	54.4	54.4	54.4	54.2
26	57.2	57.1	57.1	57.1	57.2	57.4	57.7	57.8	57.9	57.9	57.5	57.2	57.0	56.9	56.6
27	58.3	58.0	57.8	57.8	58.0	58.5	58.6	58.4	58.4	58.4	57.9	57.6	57.3	56.8	56.2
28	56.9	56.9	56.9	55.9	57.0	57.2	57.4	57.3	57.4	57.4	57.1	56.5	56.0	55.5	54.9
29	53.4	53.2	53.2	53.3	53.8	54.2	54.6	54.8	54.8	54.7	54.1	53.3	53.1	52.9	52.9
30															
31															
Prom	56.3	56.1	56.1	56.1	56.3	57.0	56.9	56.9	56.9	56.9	56.6	56.3	56.0	55.7	55.2

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	21.4	21.0	20.5	20.0	19.6	19.2	19.2	20.2	21.5	23.1	24.4	24.4	25.5	25.4	26.2
2	18.4	17.3	16.7	15.6	15.1	14.7	19.4	24.0	27.2	29.5	31.0	32.7	33.6	34.2	35.0
3	22.4	21.2	21.8	21.2	19.8	19.8	23.7	26.8	30.2	32.4	34.5	35.4	35.9	37.0	36.8
4	21.5	20.6	20.0	19.5	19.0	19.9	23.1	28.2	29.1	30.2	32.0	32.4	30.6	29.2	29.4
5	20.3	20.4	18.4	17.9	17.1	15.9	16.5	18.8	19.2	20.1	21.4	22.2	21.6	22.8	22.8
6	12.5	11.1	9.7	8.5	8.3	7.6	11.2	14.0	16.2	17.3	19.0	20.1	21.2	22.2	22.4
7	13.0	13.1	12.3	11.6	10.8	10.4	14.7	19.6	22.3	24.6	26.7	27.5	28.2	29.0	29.2
8	18.5	16.5	15.4	15.3	15.1	14.2	19.0	22.6	25.2	27.5	29.6	30.6	31.3	31.8	32.0
9	19.8	18.7	17.5	17.2	16.9	16.7	19.4	23.6	25.5	29.3	29.5	32.7	33.9	33.8	33.8
10	20.9	20.6	19.2	18.7	19.5	20.1	22.3	26.0	27.0	29.7	31.8	33.4	33.9	34.0	34.2
11	22.1	21.0	20.1	19.5	19.3	18.7	20.7	24.2	26.6	28.6	28.8	29.5	29.4	29.8	30.3
12	22.0	22.1	21.2	20.0	19.5	19.2	22.1	25.2	28.2	30.0	31.7	33.0	34.8	35.0	35.2
13	22.3	21.1	20.1	19.2	18.4	18.3	18.5	20.0	20.5	22.6	24.2	25.2	26.9	27.2	27.1
14	14.1	14.4	13.3	12.6	11.3	9.9	14.2	20.4	25.0	27.3	29.0	30.5	31.2	31.4	32.1
15	21.1	20.7	18.8	16.6	16.0	16.0	21.0	24.6	27.0	29.7	31.8	32.8	34.0	33.8	33.5
16	21.0	19.8	18.6	18.8	17.9	17.2	20.3	25.4	28.7	30.6	32.0	32.9	33.8	34.8	34.7
17	25.2	25.2	24.9	24.4	24.1	23.7	23.7	24.4	25.1	23.8	26.9	27.8	28.2	28.6	30.0
18	18.5	18.6	18.6	18.3	18.2	18.1	19.2	20.6	22.0	23.5	26.9	28.6	29.2	28.8	30.0
19	20.8	19.8	18.9	17.8	17.5	16.9	19.4	22.6	25.3	28.1	30.0	31.5	32.2	32.6	32.8
20	18.1	19.2	18.6	17.2	16.5	16.2	18.2	22.4	26.0	29.0	30.5	31.6	32.2	32.2	32.7
21	21.1	20.7	19.2	17.9	16.7	15.9	20.7	24.2	26.8	28.9	30.2	31.5	32.0	32.0	32.6
22	20.1	20.4	19.0	17.5	17.8	17.9	20.3	24.6	27.3	30.1	32.0	33.1	33.9	34.2	34.2
23	22.2	22.1	21.0	20.4	20.7	21.1	22.5	25.4	28.1	29.5	31.6	31.6	33.0	33.2	32.9
24	20.5	18.8	17.5	16.9	16.6	16.2	19.1	25.0	28.3	30.7	32.2	33.0	33.5	33.8	33.6
25	17.9	17.5	16.8	17.3	17.2	16.3	21.3	24.4	28.2	28.7	28.7	28.4	24.8	25.6	27.9
26	16.8	16.1	15.4	14.4	13.6	13.2	20.1	18.2	20.9	23.8	24.3	26.1	25.3	26.0	25.0
27	14.6	13.8	12.8	12.4	12.2	12.0	14.2	19.2	22.6	23.8	24.6	26.5	26.2	27.6	28.3
28	20.7	20.0	19.3	18.4	17.4	16.8	18.0	21.6	25.1	27.0	29.3	31.0	32.0	32.0	32.2
29	21.6	19.8	18.5	17.9	17.4	16.6	19.5	24.4	28.3	31.6	33.5	34.7	35.5	35.4	35.6
30															
31															
Prom	19.6	19.0	18.1	17.3	16.9	16.5	19.4	22.8	25.3	27.3	28.9	30.0	30.5	30.8	31.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
56.9	56.8	56.8	57.0	57.1	57.6	57.7	57.8	57.8	58.8	7	56.7	1,2	2.1	757.6 mm.	1010.1 mb.
56.5	56.4	56.6	56.7	57.0	57.1	57.1	57.2	57.2	58.7	8	56.4	17	2.3	57.4	1009.8
53.9	53.1	53.0	52.8	53.0	53.1	53.1	53.1	52.9	57.6	8	52.8	19	4.8	55.3	1007.0
50.9	50.8	50.7	51.9	51.9	52.4	52.4	52.2	52.3	52.9	0	50.7	18	2.2	51.8	1002.4
56.7	57.0	57.8	58.8	59.6	60.2	60.9	61.5	61.9	61.9	24	52.3	0	9.6	57.0	1009.3
61.0	60.8	60.5	60.7	61.0	61.1	61.0	61.0	60.7	63.6	8	60.5	18	3.1	61.9	1015.8
57.8	57.6	57.7	57.8	58.0	58.2	58.3	58.3	58.4	61.0	varios	57.6	17	3.4	59.4	1012.5
55.7	55.4	55.3	55.3	55.6	55.8	56.3	56.3	56.4	58.5	7	55.3	18,19	3.2	56.9	1009.2
54.8	54.6	54.6	55.0	55.4	55.8	55.7	55.6	55.3	57.8	8	54.6	17,18	3.2	55.9	1007.8
53.7	53.9	54.6	55.3	55.5	55.5	55.5	55.6	55.3	55.6	23	53.7	15,16	1.9	54.9	1006.5
55.0	54.7	55.0	55.3	55.6	56.4	56.5	56.5	56.3	56.5	22,23	54.7	17	1.8	55.5	1007.3
53.2	53.1	53.1	53.5	54.1	55.1	56.0	56.1	56.2	56.6	8,9	53.1	17,18	3.5	55.4	1007.2
56.6	56.6	56.2	56.0	56.8	57.1	56.9	57.0	56.9	58.6	varios	56.0	19	2.6	57.2	1009.6
53.8	53.5	53.6	54.0	54.6	54.9	55.0	55.4	55.3	57.3	8	53.5	17	3.8	55.7	1007.6
53.7	53.7	53.8	54.1	54.5	54.8	55.0	55.1	55.3	55.8	9-10	53.7	16,17	2.1	54.7	1006.2
53.8	53.2	53.3	53.4	53.8	54.0	53.4	53.2	53.0	56.0	10	53.0	24	3.0	54.7	1006.2
47.2	46.9	46.8	46.8	47.0	47.7	48.1	48.6	48.7	53.0	0	46.8	18,19	6.2	49.4	992.2
52.5	52.5	52.7	53.2	53.6	54.2	54.4	54.3	54.5	54.5	24	48.7	0	5.8	53.0	1004.0
54.1	54.1	54.3	54.8	55.0	55.4	55.7	55.7	55.8	55.8	24	54.1	16,17	1.7	54.9	1006.5
56.6	57.1	57.4	58.2	59.1	59.1	59.3	59.4	59.4	59.4	23,24	55.7	3,4	3.7	57.2	1009.6
59.5	59.3	59.4	59.4	59.9	60.1	60.3	60.4	60.6	60.8	11,12	59.2	4	1.6	60.0	1013.3
58.1	58.2	58.2	58.2	58.4	58.6	58.8	58.8	58.9	62.0	7	57.7	13	4.3	59.4	1012.5
56.6	56.5	56.5	56.1	56.4	56.5	56.6	56.6	56.6	59.6	8,9	56.1	19	3.5	57.9	1010.5
52.3	52.3	52.4	52.5	52.9	53.1	53.3	53.4	53.6	56.8	0-1	52.3	16,17	4.5	54.1	1005.4
53.9	54.2	54.6	55.6	56.4	56.9	57.2	57.2	57.2	57.2	varios	53.3	4	3.9	54.8	1006.4
56.3	56.5	56.7	56.7	57.4	57.6	57.6	57.9	58.4	58.4	24	56.3	16	2.1	57.3	1009.7
56.0	55.8	55.8	55.8	56.3	56.7	57.0	57.0	56.9	58.6	7	55.8	varios	2.8	53.7	1004.9
54.6	54.3	54.3	54.3	54.4	54.5	54.4	54.3	54.0	57.4	varios	54.0	24	3.4	55.8	1007.7
53.0	53.2	53.7	54.0	54.4	55.0	54.9	54.8	54.8	55.0	21	52.9	14,15	2.1	53.9	1005.2
55.0	54.9	55.0	55.3	55.7	56.0	56.2	56.2	56.2	57.8		54.4		3.4	56.1	1008.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
26.3	26.5	27.6	24.4	20.8	19.8	19.6	19.3	19.1	27.6	18	19.1	24	8.5	22.3
34.8	35.0	33.8	29.7	27.0	25.6	24.4	23.5	23.2	35.0	15,17	14.7	6	20.3	25.9
36.4	34.7	32.9	30.2	28.0	26.1	25.2	23.9	22.6	37.0	14	19.8	5,6	17.2	28.3
26.9	25.7	25.3	24.2	23.2	22.2	21.6	20.9	21.0	32.6	11-12	19.0	5	13.6	24.8
23.3	22.9	22.0	20.4	19.2	18.2	16.8	15.2	14.0	23.4	15-16	14.0	24	9.4	19.5
23.1	22.9	22.5	20.2	17.0	15.7	14.5	13.6	13.3	23.1	16	7.6	6	15.5	16.0
28.5	27.8	25.9	23.0	21.0	19.3	19.2	18.9	19.2	29.2	15	10.4	6	18.8	20.7
31.6	30.9	29.3	25.9	23.4	21.8	22.9	21.6	20.0	32.0	15	14.0	5-6	18.0	23.8
33.3	32.3	30.1	27.9	25.8	23.9	23.6	22.9	22.5	34.2	13-14	16.7	6	17.5	25.4
33.7	28.9	27.4	26.1	25.2	24.8	24.0	23.6	22.9	34.5	13-14	18.7	4	15.8	26.2
30.4	30.1	27.4	25.9	24.6	23.7	23.5	23.1	22.5	30.6	15-16	18.7	6	11.9	25.0
34.1	32.3	27.4	27.2	25.6	23.2	22.8	22.3	22.7	35.9	15-16	19.2	6	16.7	26.5
26.9	26.0	25.2	23.7	21.2	19.2	18.5	17.0	15.2	27.3	13-14	15.2	24	12.1	21.8
31.9	31.7	28.7	25.3	23.0	22.5	22.3	21.5	21.2	32.5	15-16	9.9	6	22.6	22.7
32.9	31.5	29.0	26.4	25.2	24.1	22.9	22.8	22.0	34.2	13-14	15.6	5-6	18.6	25.6
34.4	32.9	31.0	28.5	26.8	26.4	26.2	26.0	25.6	34.9	14-15	17.2	6	17.7	26.8
28.4	28.4	27.9	25.5	23.6	22.1	21.2	21.9	21.6	30.0	15	21.2	22	8.8	25.7
30.3	29.8	28.9	25.9	23.0	21.1	21.0	21.7	21.2	30.8	14-15	18.1	6	12.7	23.4
32.9	32.4	28.3	25.5	23.6	21.8	20.2	18.3	17.6	33.0	15-16	16.8	5-6	16.2	24.4
32.6	31.7	26.5	24.8	23.8	22.8	21.6	21.7	21.3	32.8	14-15	16.2	6	16.6	24.5
32.9	31.5	29.5	26.4	24.2	22.4	20.4	21.2	21.1	33.2	15-16	15.8	6-7	17.4	25.0
33.0	32.3	30.4	27.4	25.6	24.5	24.9	24.1	23.2	34.3	14-15	17.5	4	16.8	26.2
33.2	31.7	29.8	27.8	26.0	23.9	22.8	21.6	20.6	33.4	13-14	20.3	3-4	13.1	26.4
32.9	31.7	29.8	26.4	24.4	22.6	22.7	21.0	19.3	33.8	14	16.2	6	17.6	25.3
28.3	28.3	26.1	23.5	22.0	20.5	19.6	18.9	17.9	28.9	11-12	16.3	6	12.6	22.8
25.2	23.7	22.5	21.3	20.4	19.5	18.4	17.1	15.7	26.2	13-14	13.2	6	13.0	20.1
28.0	26.7	24.4	22.7	21.8	21.7	21.5	21.4	21.1	28.3	15	12.0	6	16.3	20.8
31.6	30.3	28.2	25.4	23.2	22.3	21.2	22.2	21.7	32.5	14-15	16.8	6	15.7	24.4
35.2	34.4	31.6	28.7	27.0	25.4	25.1	24.1	23.7	35.6	15	16.6	6	19.0	26.9
30.8	29.8	27.9	25.5	23.6	22.3	21.7	21.1	20.4	31.6		16.1		15.5	24.0

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	12.5	12.5	14.0	14.0	14.5	13.5	13.5	13.9	13.5	13.0	13.0	14.0	12.5	12.8	12.0
2	14.5	14.0	13.5	12.5	12.5	12.0	13.0	12.9	10.0	10.0	10.5	10.0	10.5	9.6	9.5
3	14.5	14.5	14.0	13.5	14.0	14.0	14.5	14.2	12.0	11.5	13.0	11.5	12.0	12.4	10.5
4	16.5	15.5	16.0	15.5	15.0	15.0	14.0	13.4	12.5	13.5	13.0	11.5	13.5	13.0	13.0
5	13.5	15.5	13.5	14.0	13.5	12.5	11.5	10.5	10.0	10.0	8.0	7.4	8.0	8.0	7.8
6	7.8	8.0	8.0	8.0	7.8	7.6	8.5	7.4	7.2	7.0	7.0	7.4	7.0	6.9	6.6
7	9.0	9.0	9.0	8.5	8.0	8.0	7.8	8.6	9.5	7.4	7.2	6.2	6.4	7.4	8.0
8	9.5	8.5	8.5	8.5	8.5	8.5	9.0	8.9	9.0	8.5	7.0	7.4	7.6	7.2	6.0
9	9.5	10.0	10.0	10.5	11.5	12.0	13.0	11.0	9.0	8.0	8.5	8.0	9.0	8.9	8.5
10	14.0	14.5	14.5	14.0	13.0	12.5	13.5	12.7	12.5	11.5	11.5	10.5	10.5	10.9	11.0
11	15.0	16.0	16.0	16.0	16.0	15.5	16.5	18.0	15.0	15.0	14.0	14.5	14.5	14.5	13.5
12	18.0	18.0	17.0	16.0	15.5	15.0	15.0	16.3	16.0	15.0	14.5	14.0	13.5	13.5	11.5
13	17.5	16.0	16.0	15.0	13.0	11.0	11.5	11.1	12.0	12.5	13.0	12.5	10.5	12.3	11.0
14	11.5	10.5	10.0	10.0	9.5	8.5	11.5	13.2	11.0	11.5	9.5	9.0	7.6	7.8	6.4
15	15.0	15.0	13.0	16.6	13.0	13.0	13.0	12.9	12.5	11.5	9.5	8.0	7.0	8.9	6.8
16	14.0	14.0	14.0	14.5	14.5	14.0	17.0	17.7	14.0	12.0	11.5	12.0	14.5	13.7	13.5
17	17.0	17.0	17.0	16.5	16.0	16.5	16.5	18.5	19.5	19.0	19.0	17.0	16.0	17.0	18.0
18	15.5	14.5	14.5	14.5	15.0	15.0	15.0	16.0	16.0	14.5	13.5	13.5	14.0	11.6	10.0
19	15.0	15.0	15.0	14.0	14.5	14.0	15.5	15.8	11.5	9.0	5.6	6.0	6.4	7.1	4.6
20	8.5	10.0	10.5	11.0	11.5	11.0	11.0	13.3	13.0	8.0	9.5	6.2	6.4	8.2	6.6
21	11.5	11.0	11.0	11.5	11.5	11.0	13.0	10.9	8.5	8.0	7.2	7.8	8.0	8.4	8.0
22	11.0	9.0	9.0	9.0	9.5	9.5	11.0	12.9	12.5	12.0	10.0	8.5	9.0	10.7	11.0
23	9.5	9.5	10.5	10.0	10.0	9.5	9.5	9.9	9.0	10.0	7.8	9.5	10.0	11.1	10.0
24	14.5	14.0	13.5	13.0	13.0	12.5	13.5	12.0	9.0	9.0	10.0	10.0	10.5	11.0	10.5
25	13.0	13.5	13.0	12.5	12.5	12.0	12.5	12.0	12.0	11.0	12.5	12.0	11.0	17.1	14.5
26	12.0	11.5	11.0	10.5	10.5	10.5	11.5	11.0	11.5	12.5	11.5	10.5	11.0	12.7	12.0
27	11.0	10.5	10.5	10.0	10.0	10.0	11.0	12.2	13.5	12.5	12.0	12.0	12.0	11.1	9.0
28	14.0	14.0	14.5	13.5	13.5	13.0	14.0	14.8	14.5	12.5	11.5	9.0	8.0	8.0	8.0
29	14.0	12.5	12.0	11.0	11.5	11.5	12.0	13.4	12.0	11.0	10.5	9.0	9.5	9.6	9.5
30															
31															
Prom.	13.1	12.9	12.7	12.6	12.4	12.0	12.7	12.9	12.0	11.3	10.7	10.0	10.0	10.7	9.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
45	44	39	57	72	74	74	77	79	86	5	39	18	47	67
19	16	19	35	59	64	67	70	73	100	6	16	17	84	56
26	32	37	44	52	63	63	80	86	86	24	24	15	62	53
50	54	55	60	68	72	75	73	76	95	4-5	33	12	62	64
34	31	34	37	41	44	49	60	68	94	5-6	30	16-17	64	58
30	29	30	44	67	71	76	80	83	100	5,6	29	17	71	62
27	27	37	54	67	71	63	64	61	89	5	24	varios	65	55
18	19	22	44	56	56	49	55	60	71	6	18	16	53	44
24	28	36	52	64	71	72	75	74	88	6	22	13	66	52
22	57	55	60	71	74	78	81	80	87	4	21	16-17	66	59
39	38	62	62	63	77	82	85	88	98	6	38	17	60	69
39	44	72	70	67	78	82	90	88	94	4	29	15	65	67
47	66	69	71	83	89	96	99	97	99	23	43	14-15	56	73
18	16	30	46	55	78	81	82	84	100	6,7	16	17	84	60
13	26	38	49	63	69	67	71	74	98.	5	13	16	85	56
33	33	37	44	60	66	67	72	74	100	5,6	32	15	68	60
63	59	60	69	80	87	90	94	94	94	23,24	58	14,15	36	74
30	30	32	42	64	77	77	77	77	97	6	30	16,17	67	68
14	14	37	57	65	67	75	81	82	98	6	14	16,17	84	58
16	25	64	67	66	72	79	77	74	82	0,6	16	16	66	53
20	20	23	47	59	68	74	65	62	85	6	18	17-18	67	49
32	34	41	54	62	62	53	47	48	65	7	22	12	43	47
27	35	46	54	60	75	84	86	86	86	23,24	22	11	64	49
29	28	34	47	61	67	66	75	85	96	3-4	26	12	70	57
47	46	52	66	69	72	75	77	83	91	2	40	10	51	66
57	60	62	67	65	67	74	80	88	91	5,6	43	12	48	70
35	41	54	66	70	72	75	77	78	98	5	35	15,16	63	69
28	31	40	50	48	46	51	69	79	94	6,7	21	14-15	73	58
23	22	32	45	54	60	74	75	74	83	6	21	12,13	62	52
31	35	43	54	63	69	72	76	78	91		27		64	59

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.5	11.0	10.0	13.0	13.3	12.5	12.0	12.5	12.5	14.5	5	10.0	18	4.5	12.8
7.4	7.4	7.0	10.0	15.9	15.0	15.0	14.5	15.0	15.9	20	7.0	18	8.9	11.8
12.5	13.5	14.0	13.5	14.6	15.5	15.0	17.0	17.5	17.5	24	10.5	15	7.0	13.7
12.5	12.5	12.5	13.0	14.2	14.0	13.5	13.0	14.0	16.5	1	11.5	12	5.0	13.8
7.0	6.8	6.4	6.6	6.9	6.6	6.8	7.4	8.0	15.5	2	6.4	18	9.1	9.4
5.8	5.6	5.6	7.4	9.8	9.5	9.5	9.0	9.0	9.8	20	5.6	17,18	4.2	7.6
8.0	7.6	9.0	11.0	12.3	12.0	10.0	10.0	10.0	12.3	20	6.2	12	6.1	8.7
6.2	5.8	6.8	10.5	12.0	11.0	9.5	10.0	10.0	12.0	20	5.8	17	6.2	8.5
8.5	10.0	12.0	14.5	15.9	16.0	15.5	15.0	14.5	16.0	21	8.0	10,12	8.0	11.2
8.5	17.0	14.0	14.5	16.3	16.5	17.0	17.5	16.0	17.5	23	8.5	16	9.0	13.5
12.2	12.0	17.0	15.5	14.6	16.5	17.5	17.0	17.5	18.0	8	12.0	17	6.0	15.4
15.0	15.0	19.5	18.0	17.6	16.0	17.0	17.5	18.0	18.0	varios	11.5	15	6.5	15.9
12.0	16.5	16.0	15.5	15.6	14.5	15.5	14.0	12.5	17.5	1	10.5	13	7.0	13.6
6.2	6.2	8.0	11.0	12.5	15.5	16.5	15.5	15.5	16.5	22	6.2	16,17	10.3	10.6
4.8	9.5	11.0	12.0	15.2	15.0	14.0	15.0	14.0	16.6	4	4.8	16	11.8	11.9
13.0	12.0	12.5	12.0	16.0	16.0	17.0	18.0	17.5	18.0	23	11.5	11	6.5	14.4
18.0	16.5	16.0	16.0	17.3	17.0	16.0	18.0	17.5	19.5	9	16.0	varios	3.5	17.2
8.5	8.5	9.5	10.0	13.5	14.0	14.0	15.0	14.5	16.0	8,9	8.5	16,17	7.5	13.4
4.8	4.6	10.5	14.0	14.2	13.0	12.5	12.5	12.0	15.8	8	4.6	15,17	11.2	11.1
6.4	7.8	16.0	15.5	14.7	15.0	14.5	15.0	13.5	16.0	18	6.2	12	9.8	11.0
6.6	6.0	7.0	12.0	13.2	13.5	13.0	11.5	11.5	13.5	21	6.0	17	7.5	10.1
12.0	11.5	13.5	14.0	15.2	14.0	12.0	10.5	10.0	15.2	20	8.5	12	6.7	11.1
10.5	11.0	14.5	14.5	15.5	16.0	17.0	16.5	15.5	17.0	22	7.8	11	9.2	11.5
10.0	9.5	10.0	12.0	11.0	13.5	13.5	13.5	13.5	14.5	1	9.0	9,10	5.5	11.8
13.5	13.5	13.0	14.5	13.5	13.0	12.0	12.5	12.5	17.1	14	11.0	10,13	6.1	12.9
13.5	12.5	12.5	12.5	11.8	11.0	11.0	11.0	11.5	13.5	16	10.5	4,5,6	3.0	11.5
9.0	11.0	12.0	13.5	13.6	14.0	13.5	14.5	14.0	14.5	23	9.0	15,16	5.5	11.8
9.5	10.5	10.5	11.5	10.4	9.5	9.5	13.5	15.0	15.0	24	8.0	13,14,15	7.0	11.8
9.5	9.0	11.0	12.5	14.4	13.5	17.0	16.0	15.5	17.0	22	9.0	12,17	8.0	12.0
9.7	10.4	11.6	12.8	13.8	13.8	13.7	13.9	13.7	15.7		8.6		7.1	12.1

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	E	11	NE	10	NE	5	C	1	C	1	SW	4	C	0	C	1	NW	4	NW	3	NW	2	NW	16	NW	3	C	0	N	3
2	C	0	C	0	C	0	C	0	C	0	C	0	SW	2	SW	2	NW	6	W	6	SW	7	SW	7	SW	7	SW	7	SW	5
3	NW	5	NW	5	NW	9	NW	8	NW	8	NW	5	NW	7	NW	7	NW	14	NW	19	NW	16	NW	15	NW	12	NW	10	NW	9
4	C	1	C	0	C	0	C	1	N	2	NW	8	NW	6	NW	14	NW	22	NW	19	NW	9	SW	10	SW	16	SW	18	SW	18
5	SW	3	SW	5	S	9	S	8	S	8	S	10	S	9	S	16	S	21	SW	11	SW	14	SW	14	SW	13	SW	13	SW	13
6	S	4	C	0	S	3	C	0	C	0	S	2	C	0	SW	2	SW	6	SW	9	SW	9	SW	10	SW	6	SW	7	SW	6
7	NW	4	NW	7	NW	5	C	1	NW	3	C	0	NW	9	NW	15	NW	19	NW	20	NW	16	NW	9	NW	11	NW	12	NW	12
8	N	14	N	12	N	8	N	9	N	13	N	7	N	15	NW	19	NW	24	NW	23	NW	23	NW	23	NW	24	NW	20	NW	18
9	N	11	N	9	N	4	N	4	N	4	N	5	N	6	N	7	NW	12	NW	20	NW	19	NW	15	NW	10	NW	13	NW	13
10	C	1	C	0	C	0	C	0	NE	2	NE	2	SW	5	SW	5	SW	7	SW	7	SW	6	SW	7	S	8	S	9	S	5
11	SW	3	C	1	C	1	C	1	C	1	C	1	C	1	C	1	SE	2	SE	2	NE	6	NE	16	NE	15	NE	13	NE	9
12	SE	5	SE	4	SE	3	C	1	N	3	C	1	N	4	N	8	NW	8	NW	7	NW	6	NW	7	NW	9	NW	8	NW	9
13	SE	6	SE	8	SE	2	SE	4	C	1	C	1	C	1	SE	2	C	1	SE	2	C	1	C	0	SE	6	SE	4	C	1
14	C	1	C	0	C	0	C	0	C	0	C	0	C	1	C	0	C	0	NW	2	NW	3	NW	4	NW	6	NW	6	NW	7
15	E	7	E	5	SE	4	C	0	C	0	N	5	N	4	N	9	N	11	N	9	NE	7	SE	3	SE	6	NE	6	NE	15
16	NE	4	NE	3	NE	3	NE	5	NE	2	C	1	C	0	SE	4	NE	7	NE	8	NE	8	NE	12	NE	12	NE	12	NE	12
17	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	SE	-	SE	-	SE	-	SE	-	SE	-
18	NW	-	SW	-	S	-	SW	-	SW	-	SE	-	SW	-	SW	-	SW	-	SW	-	SW	-	SW	5	SW	6	SW	7	SW	6
19	NE	9	N	4	N	3	C	1	N	3	N	5	N	8	N	12	NW	11	SW	8	W	5	NW	6	SW	7	W	8	SW	8
20	S	4	S	3	SE	5	C	0	C	0	S	2	C	1	SE	3	NE	3	C	1	NE	2	SW	6	SW	6	SW	7	SW	8
21	E	9	E	6	SE	6	NE	4	NE	5	NE	3	NE	3	NE	9	NE	15	NE	16	NE	13	NE	10	N	9	NW	8	NW	7
22	N	9	N	11	N	15	N	12	N	13	N	12	N	16	N	19	NW	25	NW	19	NW	23	NW	20	NW	16	NW	16	NW	15
23	N	13	N	12	NW	10	NW	6	NE	5	NE	8	N	13	N	15	NW	21	NW	18	NW	14	NW	11	NW	5	SW	4	SW	4
24	S	3	C	0	C	0	C	0	NW	4	NW	3	NW	5	NW	5	NW	6	NW	7	NW	8	NW	7	NE	5	NE	10	NE	8
25	C	1	C	0	C	1	N	6	SW	4	SW	4	SW	6	SW	8	SW	5	SW	8	SW	11	S	8	SE	6	C	1	SE	8
26	S	8	S	7	S	7	S	5	S	6	S	7	S	7	SE	10	SE	11	SE	9	SE	9	SE	8	SE	9	SE	10	SE	11
27	S	2	S	4	S	3	S	3	S	3	S	4	S	3	S	5	SE	6	SE	5	SE	2	NE	8	NE	7	NE	9	NE	9
28	NE	12	NE	11	NE	9	NE	8	NE	6	NE	5	NE	9	NE	14	NW	16	NW	15	NW	18	NW	14	NW	13	NW	12	NW	14
29	N	12	N	15	N	12	N	9	N	9	N	7	N	8	N	16	NW	20	NW	19	NW	19	NW	17	NW	13	NW	18	N	17
30																														
31																														
DIR. PREV.	N-S-C		C		C		C		C		C		N		N		NW		NW		NW		NW		NW		NW		NW	
Nº de HORAS	5		8		7		13		8		7		8		7		14		13		13		13		11		9		9	
PROM. HOR. DE LA VELOC.		6		5		5		4		4		4		6		8		11		11		10		10		10		10		10

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
NW	5	C	1	NW	2	C	0	C	0	C	0	C	0	C	0	C	1	C	12	3	19	NW	11.16
SW	9	SW	6	SW	3	C	0	N	8	N	8	N	9	N	8	NW	8	SW	10	4	18	SW	11.24
NW	12	NW	21	NW	24	NW	16	N	5	C	0	C	0	C	1	NW	4	NW	20	10	30	NW	10.54
SW	16	SW	13	SW	5	C	1	C	1	C	0	C	0	C	0	SW	3	C	9	8	33	SW	13.53
SW	19	SW	14	SW	16	SW	9	SW	6	SW	8	SW	9	S	4	S	3	SW	15	11	29	S	6.16
SW	6	SW	4	SW	2	C	1	N	4	N	2	N	4	N	5	N	6	SW	11	4	18	SW	11.42
NW	17	N	19	N	20	N	13	N	10	N	8	N	11	N	9	N	13	NW	14	11	26	NW	8.32
NW	22	NW	20	NW	20	N	9	N	6	N	7	N	11	N	12	N	11	N	13	15	30	NW	8.30
NW	11	N	10	N	10	NE	7	C	1	C	0	C	1	NE	2	C	1	N	10	8	30	NW	8.28
S	12	E	13	E	13	SE	9	SE	11	SE	8	C	0	C	0	C	0	C	7	5	18	E	17.08
NE	9	NE	9	NE	9	NE	10	NE	7	E	7	E	5	SE	6	SE	3	NE	10	6	22	NE	11.32
NW	11	NW	18	NW	10	N	4	NW	6	SW	8	E	6	NE	9	NE	7	NW	11	7	54	W	20.44
C	1	C	0	C	1	C	0	C	0	C	0	C	0	C	0	C	0	C	16	2	12	NE	1.12
W	3	SW	3	NW	5	NE	5	C	0	E	4	E	7	E	4	E	5	NW	6	3	15	SW	13.15
NE	13	NE	12	N	10	NE	6	E	6	SE	8	SE	4	SE	6	NE	7	NE	7	7	23	NE	14.06
NE	8	E	11	E	7	C	0	C	0	C	0	C	0	C	0	C	0	NE	13	5	20	NE	12.30
SE	-	SE	-	SE	-	C	0	C	0	C	0	C	-	C	-	NW	-	NE	10	-	18	NE	9.06
SW	8	SW	5	SW	2	C	0	NE	2	C	0	C	1	NE	7	NE	6	SW	15	4	56	SW	1.00
W	5	W	9	N	15	N	11	N	7	C	1	SW	3	C	1	SW	2	N	9	6	20	N	17.44
SW	5	SW	4	E	13	E	9	SE	6	SE	5	SE	3	SE	6	E	7	SW	6	4	19	E	17.30
NW	8	N	13	N	14	NE	8	NE	3	NE	5	NE	4	NE	5	NE	8	NE	15	8	20	NE	10.10
NW	23	N	24	N	15	N	10	N	7	N	5	N	11	N	17	N	15	N	16	15	28	NW	11.20
SW	2	NE	7	N	11	N	9	NW	5	N	3	NW	5	NW	5	C	1	NW	10	9	27	NW	9.03
NE	15	NE	14	NE	11	N	7	N	5	NE	7	NE	5	N	4	C	0	NE-NW	8	6	16	NE	16.18
SE	12	SE	14	SE	13	SE	15	SE	15	SE	14	SE	11	SE	10	SE	9	SE	11	8	27	SE	18.27
E	15	E	18	E	18	SE	10	SE	13	SE	11	SE	7	SE	4	SE	4	SE	14	9	20	SE	16.25
NE	11	NE	12	NE	13	E	11	E	9	E	9	E	9	E	8	E	12	NE	7	7	13	E	12.58
NW	18	N	22	N	20	N	11	N	9	N	7	N	9	N	10	N	11	N-NW-NE	8	12	28	NW	15.33
N	14	N	12	N	13	N	8	N	4	NE	5	NE	6	NE	6	NE	7	N	14	12	28	NW	11.12
NW		N		N		N		N		C		C		C		C		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		60 Km.		
9		6		9		9		10		9		9		8		7					DIREC.	DIA	HORA
	11		12		11		7		6		5		5		5		6	NW	132	6	S	5	de 8.45 a 8.50
																					NW	8	de 12.40 a 12.45

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	3	2	15	1	11					1	4			7	35	12	73
2	4	33									10	55	1	6	2	14	7	108
3	1	5													20	226	3	232
4	1	2									8	99			6	78	9	183
5									9	88	15	167						255
6	5	21							3	9	11	67					5	98
7	8	103													14	159	2	263
8	13	134													11	236		370
9	10	70	2	9											8	113	4	195
10			2	4	2	26	3	28	4	34	6	37					7	130
11			10	103	2	12	4	13			1	3					7	138
12	4	19	2	16	1	6	3	12			1	8			11	99	2	162
13							8	34									16	42
14			1	5	4	20					2	9	1	3	6	27	10	66
15	6	48	7	66	3	18	6	31									2	163
16			13	96	2	18	1	4									8	119
17			10				8								1		5	-
18			3	15			1		1		15	39			1		3	55
19	9	68	1	9							5	28	4	27	2	17	3	152
20			2	5	3	29	6	28	3	9	6	36					4	109
21	3	36	15	111	2	15	1	6							3	23		191
22	16	211													8	157		368
23	7	76	3	20							3	10			10	100	1	207
24	3	16	8	75					1	3					8	45	4	139
25	1	6					11	127	1	8	7	46					4	190
26					3	51	14	126	7	47								224
27			7	69	6	58	3	13	8	27								167
28	8	99	8	74											8	120		293
29	14	156	4	24											6	106		286
30																		
31																		
SUMAS	114	1106	100	716	29	264	69	422	37	225	91	608	6	36	132	1555	118	4978
% PREVAL POR VELOCIDAD	22.2		14.4		5.3		8.5		4.5		12.2		0.7		31.2		0.9	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		7		9		6		6		7		6		12		0	178

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	4	3	2	5	2		3	5
1 - 2	6	4	2	2	3	2		2	8
2 - 3	5	4		5	5			3	7
3 - 4	5	4		1	3	1		2	13
4 - 5	7	6			3	2		3	8
5 - 6	6	5		1	5	2		3	7
6 - 7	8	3			3	4		4	7
7 - 8	7	3		4	2	5		5	3
8 - 9	1	4		3	1	4		14	2
9 - 10	1	3		4		6	1	13	2
10 - 11		5		3		6	1	13	1
11 - 12		4		3	1	7		13	1
12 - 13	1	4		5	1	7		11	
13 - 14		5		3	1	8	1	9	2
14 - 15	2	5		3	1	8		9	1
15 - 16	1	5	1	2	1	7	2	9	1
16 - 17	6	5	3	2		7	1	3	2
17 - 18	9	3	4	2		5		5	1
18 - 19	9	5	2	3		1		1	8
19 - 20	10	3	2	4		1		2	7
20 - 21	7	3	3	5		2			9
21 - 22	6	3	4	4		2		1	9
22 - 23	7	5	2	5	1			1	8
23 - 24	5	5	3	3	1	2		3	7
SUMAS	114	100	29	69	37	91	6	132	118
% de frec. por dirección	16.4	14.4	4.2	9.9	5.3	13.0	0.9	19.0	16.9

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	Sc	8	Sc	8	Ac	8	Sc 3 Ci 3	6	Ac 2 Cc2	4	96	95	98
2	Ci	1	Ci	1	Cu 2 Ci 2	4	Ci	2	Claro	0	8	8	8
3	Ci	1	Cs 6 Cu 2	8	Cu 4 Cs 4	8	Ci	3	Ci	2	8	8	8
4	Ci	7	As	8	As	8	Sc	8	Sc 3 Ac 3	6	8	6	8
5	Claro	0	Cu	3	Cu	5	Sc	1	Claro	0	9	9	8
6	Claro	0	Cu	1	Ci	1	Ci	4	Cs	8	9	9	9
7	Claro	0	Ci	2	Ci	2	Claro	0	Claro	0	8	7	8
8	Claro	0	Ci	1	Claro	0	Claro	0	Claro	0	8	8	7
9	As	8	Ci 3 Ac 2	5	Ci	4	Ac	7	Ac	7	7	8	7
10	Ac	6	Sc	3	Ac	5	Fs	8	Fs	8	6	5	6
11	Claro	0	Cu	3	Cu	1	Cs	4	Claro	0	6	6	6
12	Claro	0	Cu 1 Ci 1	2	Cu	5	Sc	7	Fs	8	8	8	7
13	Sc 7 As 1	8	Sc	8	As	8	Sc 3 Cs 5	8	Claro	0	8	5	7
14	Cs	1	Claro	0	Claro	0	Cc	4	Ci	4	7	9	9
15	Ci	4	Cs	8	Cs	8	Cs	8	Cs	5	9	8	7
16	Ci	5	Ci	4	Ac	2	Ci	5	Ci	5	8	8	8
17	Sc	8	Cu	8	Cu 4 As 4	8	Claro	0	Claro	0	8	9	9
18	Cu 4 Ci 2	6	Cu	5	Cu	5	Cu	2	Claro	0	9	9	9
19	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
20	Ac	4	Ci 3 Cu 1	4	Cu 3 Cs 3	6	Claro	0	Claro	0	8	8	8
21	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	9	9	8
22	Ac	3	Cu	2	Cu	3	Ci	3	Ci	3	9	8	8
23	Ac	6	Ac	8	Ac	6	Sc 3 Ac 3	6	Ac	3	8	8	8
24	Claro	0	Cu	2	Cu	2	Claro	0	Claro	0	9	8	8
25	Ci	3	Ac	6	Sc 4 Ac 2 Cs 1	7	Cb	4	Claro	0	8	8	9
26	Claro	0	Cu 6 Ci 1	7	Cb	7	Sc 1 Cs 2	3	Claro	0	9	8	7
27	Cu 1 Cc 3	4	Cu	5	Cu	3	Claro	0	Claro	0	8	8	9
28	Ci	4	Ci	3	Cu	1	Claro	0	Claro	0	9	9	8
29	Claro	0	Claro	0	Claro	0	Cs	3	Claro	0	9	9	8
30													
31													
Prom.		3*		4		4		3		2			

ADIACIÓN SOLAR

ÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
	9	28.5	23.2	0.43	7	0	3	B.
	10	32.5	25.0	0.61	8	0	3	B.
1	12	35.0	27.7	0.59	8	0	3	B.
	14	27.5	25.4	0.17	8	0	3	B.
	15	32.0	27.2	0.39	8	0	3	B.
	9	51.2	35.4	1.28	1	5	5	
	10	54.0	36.0	1.46	0	5	5	
2	12	55.8	38.3	1.42	1	5	5	
	14	56.5	39.3	1.40	4	5	5	
	15	56.5	39.5	1.38	4	5	5	
	9	53.4	36.5	1.37	8	5	4	B.
	10	54.7	38.3	1.33	8	5	4	B.
3	12	59.4	41.5	1.46	8	5	4	B.
	14	60.0	42.5	1.42	8	5	5	
	15	56.4	41.0	1.25	6	5	5	
	9	36.6	30.6	0.49	7	0	5	B.
	10	41.0	32.5	0.69	7	1	5	B.
4	12	48.5	35.7	1.04	8	2	5	B.
	14	40.0	31.4	0.70	8	2	4	B.
	15	43.5	32.2	0.92	8	2	5	B.
	9	43.0	25.0	1.46	4	5	5	
	10	45.0	26.6	1.50	4	5	5	
5	12	50.1	39.9	0.83	3	5	5	
	14	39.9	26.6	1.08	5	5	5	
	15	36.5	26.0	0.85	4	5	5	
	9	41.6	22.0	1.59	4	5	5	
	10	41.5	23.5	1.46	6	5	5	
6	12	45.8	26.1	1.60	1	5	5	
	14	46.6	29.0	1.43	1	5	5	
	15	46.5	27.5	1.54	1	5	5	
	9	45.5	27.2	1.49	1	5	5	
	10	48.5	30.2	1.49	2	5	5	
7	12	52.5	33.9	1.51	2	5	5	
	14	52.5	34.6	1.46	2	5	5	
	15	51.2	34.3	1.37	1	5	5	
	9	48.5	31.5	1.38	0	5	5	
	10	51.8	34.0	1.45	0	5	5	
8	12	54.8	37.5	1.41	1	5	5	
	14	54.3	37.0	1.41	0	5	5	
	15	51.8	36.8	1.22	0	5	5	
	9	35.2	27.7	0.61	8	2	4	B.
	10	53.4	35.4	1.46	8	3	4	B.
9	12	55.4	38.0	1.41	5	5	4	B.
	14	56.5	39.0	1.42	4	5	4	B.
	15	54.5	38.6	1.29	4	5	4	B.
	9	37.2	29.0	0.67	4	3	4	B.
	10	53.2	35.5	1.44	3	5	4	B.
0	12	56.7	38.7	1.46	3	5	4	B.
	14	44.7	35.6	0.74	5	2	4	B.
	15	54.2	38.5	1.28	4	5	4	B.
	9	48.0	32.0	1.30	1	5	3	B.
	10	49.2	34.5	1.20	3	5	4	B.
1	12	53.3	35.4	1.46	3	5	4	B.
	14	52.4	36.0	1.33	1	5	4	B.
	15	51.2	35.2	1.30	1	5	4	B.
	9	50.0	33.5	1.34	0	5	5	
	10	52.7	35.4	1.41	0	5	5	
2	12	56.4	38.5	1.46	2	5	5	
	14	47.5	37.4	0.82	5	5	5	
	15	51.2	38.6	1.02	3	5	5	
	9	25.6	21.5	0.33	8	0	3	B.
	10	34.6	25.2	0.76	8	0	3	B.
3	12	46.5	30.2	1.33	8	0	3	B.
	14	35.4	28.6	0.55	8	0	3	B.
	15	34.7	28.2	0.53	8	0	3	B.
	9	48.8	30.8	1.46	1	5	5	
	10	51.2	33.4	1.45	0	5	5	
4	12	55.0	36.4	1.51	0	5	5	
	14	53.2	36.5	1.36	0	5	5	
	15	53.2	37.2	1.30	0	5	5	
	9	49.5	32.0	1.42	3	5	5	
	10	51.6	34.5	1.39	8	5	5	
5	12	55.6	37.3	1.49	8	5	5	
	14	54.0	38.5	1.26	8	5	5	
	15	52.8	37.0	1.28	8	5	5	
	9	52.0	34.0	1.46	4	5	5	
	10	53.0	35.0	1.46	3	5	5	
6	12	55.0	37.5	1.42	4	5	5	
	14	55.7	38.9	1.36	2	5	5	
	15	55.3	38.8	1.34	5	5	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
	9				8	0	3	Z.,B.
	10	30.0	25.5	0.36	8	0	3	B.
17	12	40.6	30.6	0.81	8	0	4	B.
	14	33.0	28.5	0.36	8	5	5	
	15	53.4	34.7	1.52	8	5	5	
	9	34.2	24.6	0.78	6	0	5	
	10	37.5	26.5	0.88	7	5	5	
18	12	54.4	34.4	1.63	5	5	5	
	14	35.5	29.2	0.51	5	0	5	
	15	41.0	31.0	0.81	5	5	5	
	9	49.0	31.5	1.42	0	5	5	
	10	51.2	33.5	1.44	0	5	5	
19	12	54.5	37.1	1.41	0	5	5	
	14	55.2	37.5	1.44	0	5	5	
	15	53.9	37.1	1.36	0	5	5	
	9	46.8	30.5	1.33	2	5	4	B.
	10	50.0	34.0	1.30	8	5	4	B.
20	12	56.1	37.9	1.48	4	5	4	B.
	14	55.0	37.5	1.42	6	5	4	B.
	15	54.5	37.5	1.38	5	5	4	B.
	9	49.0	32.0	1.38	0	5	5	
	10	52.2	34.5	1.44	0	5	5	
21	12	55.0	37.0	1.46	0	5	5	
	14	53.5	36.6	1.37	1	5	5	
	15	53.6	37.0	1.35	1	5	5	
	9	48.8	32.5	1.33	2	5	5	
	10	51.4	35.0	1.33	3	5	5	
22	12	55.3	38.4	1.37	2	5	5	
	14	55.5	39.3	1.32	3	5	5	
	15	54.0	38.5	1.26	2	5	5	
	9	49.0	33.1	1.29	6	3	5	
	10	53.5	36.0	1.42	4	4	4	B.
23	12	40.5	33.4	0.58	8	0	4	B.
	14	52.0	38.0	1.14	6	2	4	B.
	15	43.0	34.7	0.67	7	0	4	B.
	9	50.0	33.0	1.38	0	5	5	
	10	53.8	36.2	1.43	0	5	5	
24	12	58.6	38.4	1.64	2	5	4	
	14	55.8	38.6	1.40	0	5	5	
	15	53.0	38.0	1.22	0	5	5	
	9	47.0	33.0	1.14	4	5	4	B.
	10	53.0	35.0	1.46	4	5	4	B.
25	12	48.5	33.5	1.22	6	3	4	B.
	14	32.5	26.8	0.46	7	0	5	
	15	46.2	33.2	1.06	6	3	5	
	9	44.0	26.3	1.44	1	5	5	
	10	49.5	29.5	1.63	4	5	5	
26	12	52.5	33.0	1.58	7	5	5	
	14	42.0	29.5	1.02	7	0	5	
	15	32.3	26.3	0.49	6	3	5	
	9	45.5	27.2	1.49	4	5	5	
	10	39.0	26.5	1.02	4	0	5	
27	12	44.0	30.5	1.10	5	3	3	B.
	14	50.0	33.0	1.38	3	3	4	B.
	15	47.4	32.3	1.23	2	5	5	
	9	46.3	30.0	1.33	3	5	5	
	10	51.0	33.0	1.46	3	5	5	
28	12	53.3	36.3	1.38	3	5	5	
	14	53.0	36.6	1.33	1	5	5	
	15	51.4	36.3	1.23	0	5	5	
	9	49.5	33.5	1.30	0	5	5	
	10	54.0	37.5	1.34	0	5	5	
29	12	57.0	40.3	1.36	0	5	5	
	14	56.0	40.5	1.26	0	5	5	
	15	55.0	40.0	1.22	0	5	5	
	9							
	10							
30	12							
	14							
	15							
	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												0.4	0.6		1.0	13.6	07
2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.0	13.6	96
3		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.5	13.6	85
4			0.5			0.1	0.1			0.3					1.0	13.6	07
5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	13.5	92
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		12.0	13.5	89
7		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.9	13.5	88
8	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		12.0	13.4	90
9					0.5	0.2	1.0	1.0	1.0	1.0	0.8	0.7			6.2	13.4	46
10		0.5	0.6	0.9	1.0	1.0	1.0	1.0	0.7	0.6	0.7				8.0	13.4	60
11		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.7	13.3	88
12	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5			10.5	13.3	79
13							0.1	0.9							1.0	13.3	08
14	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.4	13.2	94
15		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			10.7	13.2	81
16		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.6	13.2	88
17						0.3	0.5	0.1		0.7	0.3	1.0	1.0	0.1	4.0	13.1	30
18		0.7	1.0	0.8	0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.3	11.0	13.1	84
19		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.9	13.1	83
20		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.8	13.0	83
21		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.4	13.0	88
22		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	13.0	89
23				0.3	0.5	0.7	0.1	0.6	0.7		0.4	0.6			3.9	12.9	30
24		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.5	12.9	89
25		0.6	1.0	1.0	1.0	1.0	0.5		0.1	0.7	0.5	0.5	0.6		7.5	12.9	58
26		0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0.1	0.6	0.9	0.6		9.4	12.8	73
27		0.7	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.4	12.8	89
28			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.8	12.8	89
29		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.0	12.8	94
30																	
31																	
Medias	0.1	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.1	9.4	13.2	71

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	23.2	24.2	24.2	23.3	23.8	24.0	22.2	22.2	22.6	23.0	23.0	23.0	26.2	26.2	26.0
2	22.9	28.0	26.3	22.6	25.5	25.4	22.0	22.7	23.4	22.8	22.9	23.4	26.0	26.0	26.0
3	24.0	28.8	27.3	24.0	26.3	26.2	22.9	23.5	24.2	23.6	23.6	24.0	26.4	26.4	26.5
4	24.2	26.8	25.8	24.4	25.5	25.3	23.4	24.4	24.0	23.8	23.8	24.0	26.8	26.7	26.7
5	23.2	25.8	23.8	23.6	24.9	24.1	22.8	22.8	23.1	23.4	23.4	23.0	26.6	26.5	26.5
6	20.6	25.2	23.0	21.4	23.7	22.2	21.4	21.9	23.2	22.8	22.8	22.8	26.2	26.1	26.1
7	20.6	25.9	24.4	21.2	23.9	23.6	21.0	21.7	22.3	22.2	22.4	22.6	25.8	25.8	25.8
8	21.6	26.6	24.9	21.9	24.4	24.3	21.4	22.0	22.6	22.4	22.6	22.8	25.8	25.8	25.7
9	22.1	28.0	24.4	22.1	25.1	23.6	21.6	22.0	22.0	21.6	22.4	22.2	25.7	25.8	25.7
10	24.0	31.4	27.2	23.6	27.5	26.6	22.4	23.2	24.0	21.0	23.2	23.5	26.1	26.2	26.1
11	24.6	30.8	27.6	24.4	27.4	25.0	23.2	24.2	24.6	24.0	24.2	24.0	26.6	26.8	26.8
12	25.0	32.8	28.8	24.6	28.6	28.0	23.8	24.6	25.6	24.6	24.4	25.1	26.6	27.2	27.2
13	24.0	26.4	25.1	24.5	25.4	25.2	24.0	23.4	23.9	24.7	24.0	25.2	26.4	27.2	27.0
14	21.2	29.8	26.6	22.0	26.4	25.9	22.1	22.6	24.0	23.6	23.0	23.9	26.8	26.4	26.5
15	23.0	31.0	27.5	23.2	27.3	26.5	22.6	23.4	24.5	23.4	23.4	24.2	26.7	26.7	26.7
16	24.2	32.0	28.6	23.9	28.0	27.5	23.4	24.2	25.2	24.1	24.2	24.7	27.0	27.0	27.0
17	26.1	28.4	26.8	25.5	26.6	26.4	24.4	24.6	24.8	24.8	24.6	24.8	27.4	27.3	27.3
18	23.0	29.2	23.8	23.7	26.8	26.0	23.0	23.4	24.3	24.0	23.6	24.2	27.2	27.0	26.9
19	22.4	30.0	26.5	23.2	27.0	26.3	22.6	24.2	24.4	23.6	23.4	24.4	26.9	26.8	26.8
20	22.6	30.0	27.6	23.4	27.0	23.6	22.8	23.2	24.6	23.6	23.6	24.4	27.0	26.9	26.9
21	23.0	30.2	27.1	23.6	27.0	26.5	23.0	24.4	24.6	24.0	23.6	24.6	27.1	27.0	27.0
22	23.0	30.2	27.7	23.5	26.8	26.7	23.0	23.4	24.6	24.0	23.8	24.6	27.1	27.0	27.0
23	24.2	30.0	27.8	24.2	26.5	26.8	23.6	24.0	24.6	24.2	24.2	24.6	27.2	27.2	27.2
24	24.0	32.0	28.0	24.2	27.8	27.2	23.6	24.2	25.2	24.3	24.2	24.6	27.2	27.2	27.2
25	24.2	27.2	27.6	24.3	26.7	26.6	23.8	24.2	24.6	24.6	24.2	24.6	27.5	27.3	27.3
26	22.4	29.0	25.8	23.5	26.0	25.7	23.2	23.4	24.0	24.1	23.8	24.1	27.3	27.1	27.1
27	21.4	28.2	26.0	22.3	27.3	25.3	22.0	22.6	23.6	23.2	23.0	23.6	26.9	26.7	26.6
28	23.0	30.4	27.1	23.7	26.6	26.3	22.6	23.0	24.4	23.7	23.2	24.0	26.7	26.4	26.6
29	23.4	31.0	28.0	23.6	27.0	27.0	23.1	23.4	24.6	23.8	23.4	24.3	26.9	26.8	26.8
30															
31															
Prom.	23.1	28.9	26.4	23.4	26.3	25.6	22.8	23.3	24.0	23.6	23.5	24.0	26.7	26.7	26.7

UVIA, ESTADO DEL SUELO, ETC...

	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.	
					0	1.9	1.1	1.5	3.2	Q. 2	8.2	9.0	13.5	17.4		-
					0	0.6	4.2	2.7	8.8							-
					0	1.9	3.6	2.2	7.5							-
	0.0	1.0	0.0	0.0	0	1.7	3.7	2.2	6.7							-
					0	0.8	2.8	3.2	7.2							-
					0	1.2	2.1	2.0	5.1	Q. 3	6.4	10.0	15.3			-
					0	1.0	3.8	2.7	7.3							-
					0	0.8	5.9	5.1	13.2							-
					0	2.2	4.0	4.0	9.4							-
					0	1.4	3.1	1.8	6.1							-
					0	1.2	2.1	3.2	7.1	Q. 4	6.6	7.9	16.0			-
	2.8	4.2	2.9	-	0	1.0	2.9	2.4	6.1							-
					1	0.8	1.7	1.1	3.6							-
					0	0.8	3.1	0.8	4.1							-
					0	0.2	3.7	4.7	9.8							-
					0	1.4	4.0	2.3	8.0	Q. 5	6.5	7.8	13.9			-
	7.2	9.6	7.4	6.4	0	1.7	1.1	1.2	2.7							-
					1	0.4	1.6	2.1	4.2							-
					0	0.5	3.4	3.0	7.9							-
					0	1.5	3.0	3.0	7.7							-
					0	1.7	3.8	5.4	12.0	Q. 6	6.2	8.7	15.3	16.8	14.3	-
					0	2.8	5.2	4.2	10.0							-
					0	0.6	4.1	2.4	7.4							-
					0	0.9	3.8	3.1	8.1							-
					0	1.2	2.3	2.1	5.5							-
					0	1.1	1.7	1.9	3.7	Q. 7	6.7	7.7	15.8			-
					0	0.1	0.8	2.7	4.8							-
					0	1.3	4.1	4.4	10.5							-
					0	2.0	6.2	4.9	12.8							-
om.	10.0	14.8	10.3	-	-	1.2	3.2	2.8	7.2	-	-	-	-	-	-	-

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
.5	25.5	25.5	24.1	24.1	24.1	21.4	19.5	16.0	Cn. m. t. y n., Ne. m., B. t.
.2	25.2	25.2	24.1	24.1	24.1	21.5	19.5	13.8	Ca. m. y n., Cn. t., B. m.
.4	25.6	25.6	24.1	24.1	24.1	21.5	19.5	17.0	Ca. m. y n., Cn. t., B. m.
.7	25.8	25.8	24.1	24.1	24.1	21.5	19.5	17.4	Cn. m. t. y n., Z. n.
.7	25.6	25.6	24.1	24.1	24.1	21.6	19.5	16.5	Ca. m. y n., Cn. t.
.5	25.5	25.4	24.1	24.1	24.1	21.5	19.5	4.7	Ca. m. y t., Cn. n., Jl. n.
.4	25.3	25.3	24.1	24.1	24.1	21.5	19.5	5.0	Ca. m. t. y n.
.3	25.4	25.0	24.0	24.0	24.0	21.6	19.6	11.2	Ca. m. t. y n., B. n.
.3	25.4	25.3	24.0	24.1	24.1	21.6	19.6	23.2	Cn. m. t. y n., B. t., Ne. n.
.3	25.5	25.3	24.0	24.1	24.1	21.7	19.6	12.0	Cn. m. y n., Ca. t., Ru. n.
.7	25.8	25.8	24.1	24.1	24.1	21.6	19.6	12.0	Ca. m. t. y n., Ne. m. y n., B. t.
.1	26.3	26.0	24.1	24.1	24.1	21.6	19.6	15.8	Ca. m., Cn. t. y n., r. m., Ru. CH. t, Ru. Z. n.
.3	26.3	26.3	24.1	24.1	24.1	21.5	19.6	20.9	Ca. n., Cn. m. y t., Ne. n.
.8	25.7	25.7	24.1	24.1	24.1	21.6	19.6	23.2	Cn. n., Ca. m. y t., r. Ne. m.
.7	25.8	25.8	24.2	24.2	24.2	21.6	19.6	15.8	Cn. m. t. y n.
.0	26.2	26.0	24.2	24.2	24.2	21.6	19.6	13.6	Cn. m. y n., Ca. t., r. m.
.3	26.3	26.3	24.2	24.2	24.2	21.6	19.6	23.0	Cn. m. y t., Ca. n., Z. m., R. n.
.8	26.0	25.9	24.2	24.3	24.3	22.0	19.7	17.0	Cn. m. y t., Ca. n., Tv. Ru. LL. m.
.0	26.0	26.0	24.5	24.5	24.5	22.0	19.6	14.5	Ca. m. t. y n., r. m.
.0	26.0	26.0	24.5	24.5	24.5	22.0	19.6	13.0	Cn. m. y t., Ca. n., Ne. m. y n., B. t.
.0	26.1	26.1	24.5	24.5	24.5	22.0	19.6	15.5	Ca. m. t. y n.
.0	26.3	26.3	24.5	24.6	24.6	22.0	19.7	13.2	Ca. m. t. y n.
.3	26.4	26.4	24.5	24.5	24.5	22.0	19.7	16.6	Cn. m. y t., Ca. n., B. t.
.5	26.5	26.5	24.5	24.5	24.5	22.0	19.7	13.9	Ca. m. t. y n., B. t.
.4	26.4	26.4	24.5	24.5	24.5	22.0	19.7	24.6	Ca. m. y n., Cn. t., B. m., Ru. t.
.3	26.3	26.2	24.5	24.5	24.5	22.0	19.6	24.5	Ca. m. y n., Cn. t.
.0	26.0	25.7	24.5	24.5	24.6	22.0	19.7	9.8	Cn. m., Ca. t. y n., r. m.
.7	25.8	25.7	24.5	24.5	24.5	22.0	19.7	13.5	Ca. t. y n., Cn. m., r. m.
.8	25.8	25.8	24.5	24.5	24.5	22.0	19.7	13.4	Ca. m. t. y n.
.8	25.9	25.8	24.3	24.3	24.3	21.7	19.6	15.5	

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	56.8	63.6	6	8	50.7	4	18	23.3	30.9	15.4	37.0	3	14	7.6	6	6	8.9	13.5	66
2ª	54.8	59.4	20	23,24	46.8	17	18,19	24.6	32.2	16.8	35.9	12	15-16	9.9	14	6	9.5	13.2	72
3ª	56.3	62.0	22	7	52.3	24	16,17	24.2	31.8	16.1	35.6	29	15	12.0	27	6	9.8	12.9	75
MES	56.1	63.6	6	8	46.8	17	18,19	24.0	31.6	16.1	37.0	3	14	7.6	6	6	9.4	13.2	71

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	57	100	6	16	2	11.1	17.5	5.6	NW	13	60	5,8	24	3,8	17-18 8-9; 12-13	33	SW	4	13.53	1.0	1.0	5	1.0	5	2-3
2ª	64	100	14,16	13	15	13.4	19.5	4.6	Calma	0	48	11,19	18	12	16-17	56	SW	18	1.00	13.8	9.6	18	7.0	18	0-1
3ª	57	98	27	18	21	11.6	17.1	6.0	N	12	48	22, 26,28	25	22	8-9	28	NW	22, 28,29	11.20 15.33 11.12	-	-	-	-	-	-
MES	59	100	varios	13	15	12.1	19.5	4.6	NW	12	60	5,8	25	22,	8-9	56	SW	18	1.00	14.8	9.6	18	7.0	18	0-1

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	6	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2
2ª	5	4	1	-	-	-	-	2	-	-	1	-	-	-	-	2	-
3ª	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
MES	13	14	1	-	-	-	-	2	1	-	1	-	-	-	-	4	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	-	-	-	-	-	-	1	-	-	-	-	4	4	-	6	2
2ª	4	-	-	-	-	-	-	-	-	-	-	3	1	-	10	1
3ª	2	-	-	-	-	-	-	-	-	-	-	6	-	-	9	1
MES	6	-	-	-	-	-	1	-	-	-	-	13	5	-	25	4

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII MARZO 1952 Nº 3

RESUMEN MENSUAL

Durante toda la primera década del mes, en ambiente tropical, sigue el tiempo bueno y caluroso. El promedio diario de la temperatura es de unos seis grados sobre la normal; la máxima del mes alcanza a 37.2°C, o sea, sólo 0.4°C por debajo de la máxima absoluta de todo el verano.

En la mañana del 11, una zona frontal llega al Observatorio, ocasionando lluvias que ponen término a un período de 22 días de sequía; es este además el primer día, desde hace cuatro meses, sin brillo solar, y aunque la temperatura desciende en unos cuatro grados, se mantiene todavía sobre el valor normal. También la humedad continúa siendo muy fuerte, elevándose a su nivel más alto del mes (20.3 mm) el día 12. El 13, otra zona frontal da origen a ligeras lluvias. En la mañana del 15, de nuevo una corriente muy intensa que se desplaza desde el sector norte, acarrea masas de aire muy calientes y húmedas, registrándose este día y el 16, los promedios diarios casi más altos de todo el verano, con siete grados sobre el valor normal. La llegada de una zona de perturbación el 17, en la que se anota la presión mínima mensual con 747.4 mm, finiquita la época calurosa del verano. Hacia el final de la década llueve todos los días y en momentos con extraordinaria intensidad (61.0 mm en una hora el 20, día que registra la cantidad total de 122.0 mm).

El tiempo inestable continúa en la última década. Hasta el 24, la temperatura y humedad siguen entregando importes superiores a los normales. En la mañana del 25 una fuerte corriente de aire de origen polar llega hasta el Río de la Plata, la que motiva el desencadenamiento de una persistente sudestada que se alarga hasta fin de mes. El 25 es el primer día con temperatura por debajo del valor normal y el 26, la máxima no alcanza los 20.0°C (marca que no se registraba desde el 1° de Diciembre pasado). Con cielo nublado llueve casi todos los días. La llegada de nuevos empujes de aire cada vez más frío y seco aumenta la presión a su máximo mensual de 764.8 mm el 29, mientras la temperatura y humedad siguen bajando a sus valores mínimos mensuales hasta alcanzar el último día del mes 7.3°C y 6.4 mm respectivamente.

Los rasgos característicos se ponen de manifiesto también, como en los meses anteriores, en los promedios mensuales de los distintos elementos. La temperatura continúa 2.1°C sobre el valor normal, mientras la cantidad de lluvia es casi el doble de la que normalmente cae en el mes de Marzo. La presión atmosférica tiene una desviación negativa de 1.3 mm; se anota además un 10% menos de brillo solar.

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	58	74	66	89	64	87	135	-	-	-	-	- 86	24	62	- 83
2	55	34	34	28	28	28	34	34	28	14	14	28	28	7	- 21
3	- 28	41	48	55	55	62	62	55	48	55	34	28	55	55	55
4	41	48	41	28	34	41	69	76	83	83	55	55	55	62	48
5	55	48	55	55	62	69	76	62	28	-	-	-	-	-	41
6	48	55	34	41	41	41	48	55	55	48	21	14	28	28	21
7	55	34	41	41	41	41	62	41	28	- 34	-326	-152	- 90	-422	-224
8	14	21	21	28	55	62	48	83	55	41	14	34	28	21	41
9	41	41	55	55	41	41	48	25	14	- 41	- 48	- 55	-	-	34
10	69	62	62	69	76	76	76	- 21	-174	-231	- 55	28	69	76	90
11	41	48	69	14	- 41	14	83	145	-110	-138	69	172	200	117	83
12	76	41	14	7	14	14	14	83	117	69	69	55	55	48	48
13	41	55	55	76	69	28	- 34	28	28	28	-	-	-	-	-
14	48	48	55	48	55	62	76	117	152	166	166	186	179	186	246
15	-	-	-	-	-	-	-	76	83	83	83	69	55	76	90
16	62	69	62	62	62	41	55	69	69	83	69	14	-	-	-
17	76	69	90	62	48	34	48	41	34	7	- 7	21	-166	∞	-
18	83	110	138	166	220	152	83	- 76	391	166	124	104	∞	± ∞	± ∞
19	69	90	83	110	90	104	193	-	-	-	-	-	-	-	-
20	145	166	220	179	145	-	-	-	246	159	90	90	69	76	166
21	147	48	83	83	95	41	19	91	236	280	280	246	125	89	85
22	-	-	-	-	-	-	-	-	186	152	90	97	97	97	97
23	-	-	-	-	-	-	-	-	-	226	207	193	186	166	159
24	110	97	104	90	97	83	110	138	117	110	110	104	110	110	110
25	48	55	62	62	69	83	± ∞	± ∞	272	152	104	83	83	41	69
26	83	97	90	83	83	83	124	172	220	152	83	∞	138	152	-
27	172	104	131	-239	506	172	483	∞	207	- 83	∞	368	-	179	179
28	152	124	117	110	97	110	138	200	233	297	166	138	104	104	104
29	97	97	110	104	117	117	166	200	213	220	213	172	110	233	246
30	97	34	41	7	21	55	83	- 14	110	110	76	55	34	90	124
31	48	62	48	48	69	83	90	69	83	97	104	110	90	90	83
Prom	66.5	68.8	62.0	56.3	61.0	65.5	80.5	103.5	113.5	118.5	89.7	81.2	78.2	78.2	74.7

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.81	0.77	1.58	1.05	620	408	1028	1.52	0.91	1.32
2	1.14	1.12	2.26	1.02	934	684	1618	1.36	0.85	1.14
3	1.19	1.14	2.33	1.04	960	648	1608	1.48	0.87	1.23
4	1.01	0.90	1.91	1.13	775	440	1215	1.76	0.91	1.43
5	1.14	1.07	2.21	1.06	855	581	1436	1.47	0.93	1.28
6	1.16	1.09	2.25	1.06	835	559	1394	1.49	0.98	1.37
7	0.96	0.99	1.95	0.97	591	465	1056	1.27	1.13	1.48
8	0.75	0.70	1.45	1.07	489	328	817	1.49	1.07	1.49
9	0.98	0.88	1.86	1.11	658	394	1052	1.67	1.04	1.56
10	0.77	0.78	1.55	0.99	638	480	1118	1.33	0.84	1.13
11	1.10	0.97	2.07	1.13	864	442	1306	1.94	0.89	1.53
12	0.85	0.72	1.57	1.18	727	418	1145	1.74	0.82	1.20
13	0.76	0.73	1.49	1.04	417	792	1209	0.53	1.23	0.64
14	0.73	0.69	1.42	1.05	425	361	786	1.17	1.20	1.34
15	1.18	1.12	2.30	1.05	796	627	1423	1.27	1.04	1.31
16	1.19	1.19	2.38	1.00	748	598	1346	1.24	1.01	1.39
17	0.80	0.76	1.56	1.05	760	451	1211	1.68	0.74	1.18
18	0.89	0.71	1.50	1.25	801	205	1006	3.90	0.78	2.52
19	1.00	0.76	1.76	1.32	788	368	1156	2.14	0.89	1.44
20	0.86	0.87	1.73	0.99	862	485	1347	1.78	0.70	1.26
21	0.90	0.71	1.61	1.27	373	221	594	1.69	1.68	2.25
22	1.05	0.84	1.89	1.25	413	255	668	1.62	1.78	2.30
23	0.65	0.52	1.17	1.25	477	242	719	1.97	0.95	1.50
24	1.16	1.03	2.19	1.12	906	527	1433	1.72	0.89	1.37
25	1.20	1.08	2.28	1.11	855	520	1375	1.64	0.98	1.46
26	0.73	0.62	1.35	1.17	681	512	1193	1.33	0.75	1.21
27	0.55	0.44	0.99	1.25	391	200	591	1.95	0.98	1.54
28	0.82	1.01	1.83	0.81	879	385	1264	2.28	0.65	1.83
29	0.74	0.64	1.38	1.15	930	560	1490	1.66	0.56	0.80
30	0.89	0.86	1.75	1.03	1138	812	1950	1.40	0.55	0.74
31	0.71	0.66	1.37	1.07	1026	608	1634	1.69	0.48	0.76
Prom.	0.94	0.86	1.80	1.09	746	472	1218	1.58	0.88	1.27

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
46	55	110	56	44	83	128	152	159		693	-454	1147	2*
7	- 14	- 76	-110	41	69	62	14	- 28		110	-195	305	2
62	62	97	83	97	159	110	76	69	62.3	207	-145	352	1
55	48	48	110	110	62	55	62	62	59.6	213	- 21	234	1
48	41	48	97	124	97	76	62	48		179	- 28	207	1
28	21	28	48	55	55	41	41	41		152	-104	256	2
-617	-564	-486	- 83	- 14	- 14	14	21	21		110	-707	817	2
48	55	14	14	83	14	69	69	7		159	-138	297	2
90	124	117	124	110	104	110	97	97		193	-110	303	1*
117	90	97	131	104	117	90	62	55		207	-326	533	2
83	83	90	97	97	97	97	83	76		284	-717	1001	2
55	48	55	48	69	41	41	41	28	47.9	259	- 69	328	1
97	83	69	76	55	41	41	- 83	28		152	-224	376	1*
246	226	159	55	-	-	-	-	-		291	14	277	0*
97	110	117	124	131	90	69	55	55		166	28	138	0*
-	-	-397	76	28	48	48	55	76		∞	∞	-	3*
-	-	-	-	-	-	55	90	83		∞	- ∞	-	3*
-167	55	- 21	391	220	193	226	138	69		∞	- ∞	-	3*
-	-	-	-	-	-	-	-	-		460	21	439	0*
220	152	97	-	-	-	-	97	83		500	-824	1324	2*
105	120	115	95	76	-	-	-	-		280	-101	381	2*
97	97	90	55	-	-	-	-	-		345	21	324	0*
131	186	239	278	239	179	138	172	172		345	28	317	0*
124	110	117	138	186	90	69	55	55	106.0	284	34	250	0
55	69	69	55	62	69	76	76	76		∞	∞	-	3*
-	-	-	-	-	518	- 55	220	138		∞	-438	-	3*
∞	-	272	124	124	138	110	193	110		∞	∞	-	3*
131	138	124	131	131	110	97	104	110	136.2	368	14	354	0
193	145	138	-211	∞	∞	259	55	7		∞	- ∞	-	3*
104	104	110	104	90	76	83	41	34		172	-138	310	2
83	90	90	97	104	110	110	76	69	83.5	124	7	117	0
85.0	82.7	88.5	101.2	116.2	95.3	80.3	69.0	65.5	82.6				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "1" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
8273	12401	20674	0.67	-	-
4186	8777	12963	0.47	-	-
4611	11876	16487	0.39	4.84	43,000
4969	12807	17776	0.39	3.80	55,500
4569	15481	20050	0.30	-	47,500
3955	7597	11552	0.52	-	45,000
4076	8694	12760	0.47	-	30,250
7810	13887	21697	0.56	-	35,500
5600	7548	13148	0.74	-	37,500
8392	17980	26372	0.47	-	52,500
5622	11576	17198	0.49	-	29,500
8909	16111	15020	0.55	2.53	-
4130	10775	14905	0.38	-	33,750
10690	15029	25719	0.71	-	-
4771	9609	14380	0.50	-	-
3587	9797	13384	0.37	-	-
6491	14735	21226	0.44	-	38,250
9532	15200	25232	0.63	-	34,750
9918	16291	26209	0.61	-	46,250
7802	9808	17610	0.80	-	34,250
5190	8034	13224	0.65	-	15,250
6393	8262	14655	0.77	-	21,500
-	-	-	-	-	48,500
4684	7172	11856	0.65	7.76	23,750
6283	8516	14799	0.74	-	23,250
12518	13946	26464	0.91	-	56,750
17056	18089	35145	0.95	-	33,750
8218	8067	16285	1.02	8.26	28,750
7625	6407	14032	1.21	-	56,500
4338	3924	8262	1.10	-	-
7210	6429	13639	1.12	2.29	22,000
6787	11108	17895	0.61	5.91	37,229

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

Mes \ 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
1	0.89	1.02	0.94	1.26	1.34	1.11	0.91	0.62	0.76	0.60	0.61	0.79
2	0.60	1.08	1.45	1.67	1.76	1.58	1.47	1.37	1.39	1.28	0.88	1.03
3	1.39	1.49	1.54	1.57	1.66	1.56	1.22	1.36	1.44	1.50	1.26	1.11
4	0.63	0.63	1.06	1.72	1.62	1.71	1.23	1.08	0.77	0.89	0.94	1.02
5	1.08	1.36	1.51	1.56	1.48	1.53	1.20	1.15	1.18	1.30	0.99	0.81
6	1.65	1.81	1.75	1.62	1.29	1.39	1.78	1.46	1.20	1.28	0.91	1.12
7	0.97	1.46	1.70	1.64	1.53	1.42	1.20	0.88	0.81	0.74	0.57	0.72
8	1.23	1.17	0.88	0.84	0.58	0.58	0.59	0.51	0.39	0.56	0.72	0.74
9	1.24	1.14	1.22	1.22	1.48	1.29	1.26	1.09	1.06	1.02	1.00	0.96
10	-	-	-	-	-	-	-	0.79	0.61	0.92	0.99	0.97
11	1.46	1.48	1.47	1.31	1.02	1.02	1.33	1.07	1.44	1.44	0.97	1.06
12	0.60	0.61	0.60	0.60	0.51	0.50	0.60	0.66	0.81	1.02	1.14	1.29
13	0.37	0.69	0.57	0.56	0.50	0.56	0.36	0.49	0.58	0.32	0.61	0.46
14	-	-	-	-	-	-	-	-	-	1.10	0.85	0.83
15	1.49	1.31	1.42	1.41	1.38	1.21	1.01	1.30	1.25	1.32	1.35	1.32
16	1.39	1.46	1.37	1.45	1.44	1.65	1.37	1.21	1.22	1.22	1.08	-
17	0.91	0.74	0.57	0.53	0.65	1.22	1.27	0.85	0.70	1.13	1.22	1.15
18	1.49	1.51	0.79	0.55	0.48	0.55	0.42	0.39	0.43	0.90	0.94	1.45
19	1.36	1.37	1.28	1.24	1.14	1.06	0.96	-	-	-	-	-
20	-	-	-	-	-	-	-	-	1.77	1.32	0.81	0.71
21	0.52	0.79	0.90	1.47	1.34	1.23	1.38	1.10	0.85	0.79	0.92	0.99
22	0.47	1.57	1.39	1.27	1.31	1.39	1.37	1.85	1.66	1.15	0.99	1.10
23	0.62	0.57	0.57	0.54	0.59	0.65	0.59	0.78	0.57	0.55	0.42	0.41
24	1.10	1.11	1.33	1.53	1.34	1.29	1.29	0.76	1.41	1.12	1.30	1.29
25	1.68	1.52	1.29	1.78	1.19	1.54	0.80	-	-	1.05	1.24	1.20
26	1.15	1.15	1.18	1.44	1.32	1.30	1.09	0.79	0.58	0.45	0.51	0.47
27	0.52	-	-	-	-	-	-	0.37	0.25	0.43	0.32	0.72
28	-	-	-	-	-	-	-	-	0.78	0.94	0.67	0.88
29	0.98	0.90	0.93	1.01	0.98	0.56	0.86	0.53	0.54	0.33	0.41	0.55
30	0.96	1.10	0.57	0.49	1.11	0.68	0.64	0.66	0.84	1.06	0.82	0.79
31	1.15	1.03	0.93	1.14	1.11	0.56	0.81	0.66	0.75	0.48	0.50	0.41
Promedio	1.03	1.16	1.12	1.21	1.16	1.12	1.04	0.91	0.93	0.94	0.86	0.91

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

Mes \ 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
1	0.74	0.90	0.99	1.33	1.28	1.05	0.96	0.96	0.84	0.57	0.71	0.75
2	0.60	1.16	1.33	1.56	1.56	1.70	1.33	1.25	1.32	1.20	0.88	1.01
3	1.67	1.61	1.63	1.38	1.58	1.49	1.07	1.31	1.46	1.45	0.94	1.07
4	0.51	0.58	0.98	1.52	1.56	1.36	1.03	0.80	0.68	0.85	0.95	0.98
5	0.96	1.08	1.54	1.36	1.40	1.18	0.97	1.14	1.30	1.15	0.88	0.96
6	1.68	1.56	1.81	1.46	1.32	1.18	1.77	1.14	1.17	1.16	0.96	1.14
7	0.74	1.65	1.53	1.62	1.36	1.23	1.00	0.74	0.72	0.67	0.68	0.77
8	1.04	0.89	0.76	0.77	0.49	0.56	0.53	0.44	0.37	0.67	0.64	0.64
9	1.02	1.06	1.01	1.02	1.24	1.14	0.98	1.02	1.10	1.03	1.00	0.98
10	-	-	-	-	-	-	-	0.73	0.83	1.19	1.03	0.96
11	1.49	1.44	1.34	1.28	1.22	1.46	1.19	0.82	1.35	1.24	0.80	0.55
12	0.49	0.44	0.48	0.39	0.42	0.44	0.41	0.32	0.64	0.88	1.02	1.32
13	0.40	0.60	0.47	0.54	0.44	0.53	0.38	0.55	0.51	0.38	0.53	0.64
14	-	-	-	-	-	-	-	-	-	0.88	0.85	0.74
15	1.39	1.35	1.46	1.38	1.44	1.16	0.89	1.06	1.20	1.36	1.33	1.31
16	1.36	1.41	1.49	1.42	1.51	1.72	1.33	1.39	1.24	1.16	0.95	-
17	0.79	0.67	0.51	0.37	0.51	1.29	1.24	0.78	0.74	1.18	1.37	1.14
18	1.16	1.13	0.49	0.34	0.27	0.44	0.37	0.35	0.32	0.92	0.86	1.03
19	0.91	0.77	0.84	0.80	0.67	0.73	0.57	-	-	-	-	-
20	-	-	-	-	-	-	-	-	1.76	1.11	0.64	-
21	0.38	0.88	0.61	1.10	1.04	1.12	1.31	0.69	0.51	0.55	0.60	0.62
22	-	-	-	1.07	1.12	1.07	1.14	2.28	1.00	0.35	0.80	0.93
23	0.41	0.39	0.34	0.39	0.53	0.47	0.46	0.46	0.37	0.42	0.42	0.51
24	0.91	0.92	0.83	1.21	1.04	1.00	0.92	0.91	1.12	1.05	1.17	1.25
25	1.66	1.16	1.34	1.44	0.93	1.14	-	-	-	0.98	1.19	1.21
26	0.93	0.88	0.88	1.19	1.24	0.98	0.69	0.58	0.44	0.53	0.53	0.39
27	0.41	-	-	-	-	-	-	0.29	0.23	0.25	0.27	0.36
28	-	-	-	-	-	-	-	-	0.50	0.29	-	0.55
29	0.51	0.78	0.67	0.75	0.80	0.78	0.58	0.73	0.44	0.37	0.46	0.60
30	0.79	1.13	0.75	0.88	1.03	0.66	0.68	0.73	0.79	0.96	0.77	0.77
31	0.96	0.68	0.91	1.11	0.80	0.67	0.83	0.63	0.95	0.45	0.55	0.51
Promedio	0.96	1.05	1.04	1.11	1.07	1.06	0.90	0.85	0.85	0.84	0.82	0.85

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.59	0.76	0.87	0.82	0.86	0.87	0.76	0.88	0.78	0.36	0.39	0.50	0.81
1.14	1.11	1.06	1.10	0.93	0.60	0.55	0.92	0.74	0.90	1.19	1.54	1.14
1.14	1.18	1.21	1.21	1.04	1.09	0.95	0.93	0.83	0.63	0.55	0.65	1.19
1.08	0.94	0.87	0.93	1.09	0.81	0.86	0.90	0.71	0.86	0.98	0.97	1.01
1.05	1.18	1.25	1.28	1.12	0.98	0.50	0.72	0.37	1.11	1.01	1.70	1.14
1.10	1.13	1.00	0.97	0.86	0.77	0.85	0.93	0.69	0.76	0.79	0.61	1.16
0.95	0.50	0.75	0.36	0.41	0.50	0.66	1.25	1.08	0.94	0.87	1.12	0.96
0.62	0.79	0.71	0.63	0.60	0.52	0.88	0.71	0.69	0.92	0.87	1.21	0.75
0.77	0.93	0.93	0.72	0.65	0.51	0.60	0.55	-	-	-	-	0.98
0.92	1.02	0.85	0.67	0.63	0.53	0.78	0.54	0.38	0.51	0.83	1.10	0.77
0.61	0.91	1.20	1.24	1.15	0.86	1.06	1.12	0.91	0.84	0.82	0.66	1.10
1.40	1.32	1.35	1.45	1.18	1.19	-	0.79	0.63	0.30	0.37	0.58	0.85
0.60	0.60	1.04	1.16	1.16	1.18	0.82	1.09	1.20	1.19	0.86	1.24	0.76
0.84	0.78	0.81	0.91	0.74	0.62	0.41	0.45	0.57	0.49	0.57	0.93	0.73
1.33	1.31	1.25	1.01	0.68	0.72	0.62	0.71	0.89	1.32	1.29	1.37	1.18
-	-	0.91	0.89	0.90	0.66	1.17	1.27	1.08	0.95	1.38	0.92	1.19
0.55	0.89	0.65	0.29	0.29	0.30	0.29	0.78	0.99	0.82	1.15	1.30	0.80
1.91	1.37	1.53	0.68	0.89	-	0.52	-	0.61	0.63	0.55	0.96	0.89
0.39	0.48	0.91	1.09	0.96	0.65	1.05	-	-	-	-	-	1.00
0.30	-	0.95	-	0.71	0.47	0.43	1.12	1.50	0.73	0.56	0.64	0.86
1.04	1.01	0.96	0.72	0.43	0.44	0.79	0.93	0.90	0.82	0.68	0.64	0.90
1.10	1.17	1.11	1.19	1.01	1.13	0.54	0.49	0.43	0.51	0.53	0.54	1.05
0.66	0.69	0.76	0.75	0.81	0.69	0.51	0.84	0.53	0.57	0.87	1.01	0.65
1.31	1.20	1.11	1.02	1.02	0.94	0.97	0.60	0.97	1.28	1.24	1.41	1.16
1.06	0.99	1.18	1.06	1.05	1.13	0.94	1.16	1.26	1.23	1.11	0.99	1.20
0.68	0.69	0.32	0.57	0.49	0.45	0.43	0.37	0.65	0.50	0.47	0.50	0.73
0.70	1.04	0.79	0.45	0.50	-	-	-	-	-	-	-	0.55
0.82	0.84	0.78	0.87	0.96	0.75	0.83	0.67	0.69	0.88	1.11	0.59	0.82
0.69	0.69	0.66	0.65	0.71	0.66	0.60	0.68	1.07	1.15	0.81	0.80	0.74
0.91	1.03	1.01	1.00	0.91	0.84	0.85	0.92	1.03	1.05	1.06	1.03	0.89
0.59	0.35	0.37	0.74	0.65	0.66	0.66	-	-	-	-	-	0.71
0.90	0.93	0.94	0.88	0.82	0.74	0.72	0.83	0.82	0.82	0.85	0.94	0.94

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.58	0.37	0.80	0.82	0.81	0.78	0.54	0.87	0.66	0.35	0.42	0.50	0.77
1.16	1.01	1.18	1.11	0.77	0.62	0.64	0.80	0.77	0.84	1.41	1.67	1.12
1.10	1.10	1.15	1.13	0.93	0.95	0.83	0.91	0.79	0.55	0.55	0.66	1.14
1.02	0.82	0.79	0.89	0.94	0.83	0.76	0.73	0.73	0.77	0.84	0.82	0.90
0.95	1.19	1.19	1.19	1.12	0.74	0.49	0.62	0.42	0.93	1.19	1.77	1.07
1.07	0.96	0.92	0.94	0.76	0.72	0.80	0.82	0.62	0.80	0.76	0.62	1.09
1.06	0.87	0.91	0.72	0.75	0.77	0.87	1.29	1.04	0.87	0.80	1.11	0.99
0.60	0.77	0.69	0.60	0.58	0.55	0.89	0.82	0.77	0.85	0.83	1.08	0.70
0.52	1.07	0.84	0.67	0.51	0.46	0.55	0.44	-	-	-	-	0.88
0.89	0.89	0.71	0.68	0.58	0.49	0.87	0.46	0.44	0.61	0.83	1.17	0.78
0.47	0.81	1.21	1.26	1.01	0.63	0.69	0.82	0.64	0.51	0.64	0.40	0.97
1.28	1.20	1.41	1.27	1.16	1.08	-	0.34	0.38	0.34	0.35	0.52	0.72
0.53	0.61	1.00	1.03	1.13	0.86	0.71	1.24	1.13	1.06	1.01	1.30	0.73
0.82	0.80	0.76	0.94	0.79	0.53	0.42	0.44	0.51	0.42	0.53	0.99	0.69
1.25	1.30	1.16	0.87	0.62	0.62	0.51	0.69	0.86	1.26	1.21	1.29	1.12
-	-	0.89	0.82	0.82	1.11	1.33	1.13	0.94	0.94	1.25	0.84	1.19
0.79	0.94	0.44	0.65	0.41	0.33	0.30	0.47	0.63	0.69	1.00	1.03	0.76
1.57	0.54	1.28	1.09	1.17	0.59	0.41	0.37	0.55	0.46	0.41	0.91	0.71
0.42	0.55	0.81	0.96	0.85	0.51	1.20	-	-	-	-	-	0.76
0.34	-	1.31	-	0.53	0.39	0.67	1.45	1.65	0.62	0.31	0.57	0.87
0.81	0.72	0.76	0.59	0.33	0.38	0.62	0.89	0.69	0.69	0.62	0.55	0.71
1.05	0.95	1.04	1.04	1.04	0.80	0.37	0.38	0.34	0.28	0.32	0.38	0.84
0.60	0.60	0.72	0.65	0.72	0.49	0.40	0.50	0.35	0.57	0.82	0.77	0.52
1.20	0.98	0.98	0.89	0.96	0.77	0.60	0.85	1.03	1.17	1.40	1.50	1.03
0.92	1.00	1.05	0.96	0.98	0.94	0.84	0.98	1.15	1.05	0.84	0.90	1.08
0.62	0.53	0.45	0.55	0.47	0.53	0.32	0.33	0.65	0.63	0.29	0.37	0.62
1.01	0.62	0.42	0.38	0.60	-	-	-	-	-	-	-	0.44
0.68	0.64	0.66	0.62	0.70	0.67	0.58	0.55	0.53	0.51	0.76	0.82	1.01
0.75	0.66	0.60	0.64	0.64	0.64	0.55	0.69	0.55	0.85	0.67	0.70	0.64
1.06	0.96	0.84	0.89	0.75	0.75	0.80	0.82	0.90	0.86	0.98	1.00	0.86
0.60	0.50	0.35	0.60	0.57	0.49	0.37	-	-	-	-	-	0.66
0.86	0.83	0.88	0.85	0.77	0.67	0.65	0.74	0.73	0.72	0.78	0.90	0.86

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	782	868	782	782	950	738	707	521	564	564	434	434
2	608	955	1115	1275	1275	1194	1115	1194	1194	1115	782	912
3	955	1115	1115	1115	1275	1194	1195	1315	1354	1735	1035	868
4	614	434	1035	1195	1115	1195	825	1115	825	707	782	868
5	868	992	955	1075	1115	1075	1035	955	868	782	707	658
6	1355	1275	1194	1194	1035	1115	955	952	1035	745	745	868
7	614	1075	1075	1115	1075	1035	955	707	521	303	174	347
8	707	608	565	565	347	434	434	347	260	434	434	434
9	825	782	782	869	955	707	782	608	521	434	521	614
10	-	-	-	-	-	-	-	744	608	658	782	868
11	955	955	955	738	608	647	991	1152	1594	1187	1474	1155
12	434	434	434	521	347	347	390	868	707	869	1115	1275
13	-	-	-	-	-	-	-	-	-	-	-	-
14	434	521	434	434	434	570	390	565	434	347	434	347
15	952	869	868	868	868	782	612	868	995	955	1035	955
16	955	1035	1035	1035	955	1035	955	707	521	521	434	260
17	658	741	658	818	898	1035	786	707	658	782	782	608
18	1194	955	565	434	434	434	347	434	707	1435	1235	1195
19	912	1035	955	782	782	707	782	-	-	-	-	-
20	1195	1075	955	1115	1115	1035	955	1035	955	1115	825	911
21	347	347	651	1115	1035	868	955	782	347	260	86	86
22	86	86	174	217	260	260	347	260	347	303	434	707
23	347	347	260	260	303	260	347	738	434	434	260	347
24	948	992	1035	1115	955	955	868	868	1115	1195	1275	955
25	1115	909	868	952	782	745	949	738	955	782	1115	868
26	868	782	825	955	1035	995	825	782	434	434	434	434
27	347	260	391	260	347	260	174	-	-	-	-	-
28	782	707	782	868	868	782	521	869	952	1035	1035	1194
29	1031	868	955	1035	952	955	955	1354	1155	707	782	952
30	1235	1194	1194	1035	1194	1115	1235	955	1194	1435	1155	1035
31	1275	992	1035	1115	911	868	831	1115	1515	1515	1475	1435
Promedio	807	800	815	857	835	805	766	830	813	814	778	771

IONES LIVIANOS NEGATIVOS "n−" por cm³

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
1	312	489	413	602	602	451	489	752	602	376	344	451
2	226	526	676	752	828	829	752	976	976	976	676	676
3	829	828	752	714	752	752	776	1113	1120	1014	828	676
4	226	226	419	790	752	602	451	676	526	376	489	526
5	526	676	639	526	526	639	752	828	752	676	564	602
6	828	828	905	752	752	676	602	690	905	677	639	676
7	231	752	715	752	752	451	427	526	376	312	376	376
8	451	451	312	376	226	226	150	150	150	376	376	312
9	526	451	376	489	564	312	312	376	376	376	451	527
10	-	-	-	-	-	-	-	602	752	828	828	752
11	752	714	602	602	602	602	569	678	-	1355	414	150
12	150	150	150	150	150	75	150	75	231	602	828	979
13	-	-	-	-	-	-	-	-	-	-	-	-
14	526	564	226	226	376	387	451	451	451	312	376	376
15	752	677	676	752	712	526	382	782	828	828	976	905
16	752	676	905	676	676	905	752	602	526	451	376	376
17	489	376	226	312	344	714	564	602	602	752	639	527
18	451	312	150	75	150	150	150	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	639	639	676	639	494	527	451	301	344	676	526	715
21	150	75	194	312	312	376	312	226	75	150	188	150
22	75	75	75	75	75	75	75	150	312	231	451	564
23	150	75	75	226	150	226	226	75	75	226	150	226
24	312	414	386	489	414	301	376	527	752	1014	1052	828
25	676	752	752	602	602	451	451	564	231	376	905	602
26	312	269	387	526	376	312	376	226	301	226	226	527
27	75	150	75	376	150	150	150	301	150	75	150	75
28	188	226	344	312	312	150	150	231	451	602	828	677
29	312	376	451	414	451	451	828	867	828	451	602	677
30	677	905	974	1047	1052	955	714	936	752	828	828	752
31	828	602	677	752	526	526	451	715	1052	1250	1120	1120
Promedio	444	473	.472	511	488	455	435	539	537	585	579	564

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
434	608	782	782	744	707	608	521	434	347	347	434	620
955	955	955	1035	745	608	565	434	658	782	1035	955	934
868	955	955	995	868	955	745	608	434	434	434	521	960
782	521	521	608	782	745	565	608	608	608	788	745	775
868	868	868	868	868	570	434	521	608	608	992	1354	855
868	707	608	608	521	521	782	707	521	608	608	521	835
521	174	347	86	86	86	614	707	521	658	608	782	591
521	782	570	478	521	521	521	434	347	434	434	608	489
608	1029	782	608	521	347	434	434	-	-	-	-	658
955	955	745	707	521	347	390	347	347	521	608	745	638
695	782	955	955	782	707	707	658	608	521	565	390	864
1354	1275	1035	782	608	608	738	521	608	-	-	-	727
-	-	-	-	-	-	-	347	434	347	347	608	417
347	434	434	434	434	303	303	260	434	347	434	694	425
844	825	782	614	347	521	521	434	695	1075	868	952	796
-	-	-	434	434	521	831	955	825	868	782	608	748
521	521	831	614	738	778	608	825	868	695	1035	1075	760
1152	1235	1355	788	695	868	745	521	745	614	434	707	801
303	260	831	787	782	608	521	577	565	1155	1435	1194	788
608	2355	608	1755	608	868	130	174	261	347	349	347	862
217	260	260	174	86	303	86	86	174	174	174	86	373
782	912	955	1035	744	738	303	86	86	174	260	347	413
347	521	782	868	955	782	521	347	347	347	390	901	477
955	955	868	782	868	868	434	434	695	782	868	952	906
608	707	782	782	868	782	782	868	955	868	782	955	855
955	707	521	608	434	707	608	570	869	521	608	434	681
-	-	-	-	-	-	-	-	-	-	521	955	391
1195	1035	868	1031	952	788	707	434	521	1111	1275	778	879
955	825	695	869	912	868	565	898	1435	1115	788	695	930
1035	1115	1115	1115	1035	955	1035	1115	1155	1194	1275	1194	1138
1275	1035	912	868	912	782	745	614	745	831	869	955	1026
769	833	776	761	668	647	571	535	604	646	687	741	746

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
376	451	526	526	451	376	226	226	226	226	150	150	408
676	676	752	752	602	564	564	376	414	451	828	905	684
676	602	676	676	602	602	451	226	150	226	312	312	648
451	312	376	451	376	312	312	312	376	451	451	312	440
602	602	602	602	417	226	312	312	226	639	828	867	581
602	489	376	451	376	312	312	382	226	312	312	226	559
451	451	376	451	376	451	451	451	451	376	376	451	465
451	526	382	269	376	376	376	312	226	226	301	489	328
419	821	521	312	226	150	150	150	-	-	-	-	394
676	602	451	344	312	226	312	226	150	231	344	526	480
150	226	526	526	399	150	312	150	226	150	226	150	442
1052	979	829	602	451	451	457	312	150	226	-	-	418
-	-	677	1188	976	714	526	828	828	715	752	718	792
376	376	312	312	312	226	226	312	312	312	312	562	361
752	828	676	451	226	226	269	226	419	752	676	752	627
-	-	-	-	344	752	752	601	451	489	527	376	598
376	376	527	602	602	376	150	226	301	312	376	451	451
-	-	-	-	-	-	-	-	-	-	-	-	205
150	150	564	564	451	312	376	226	150	489	376	602	368
376	-	1320	1355	494	226	150	75	75	75	226	150	485
419	414	376	226	376	263	188	150	150	75	75	75	221
526	602	602	676	312	301	150	226	188	150	75	75	255
226	344	489	602	639	451	226	226	376	75	150	113	242
676	602	602	526	451	376	226	75	451	526	602	676	527
526	526	526	526	526	451	526	414	489	376	312	312	520
312	690	823	1798	1320	627	1320	451	601	150	75	75	512
714	150	150	312	414	75	150	75	150	312	226	194	200
526	526	602	419	269	150	150	231	570	676	263	282	385
752	601	563	601	677	527	376	407	188	752	527	751	560
1082	1013	676	752	602	526	602	676	752	714	828	905	812
976	676	602	526	526	376	226	312	150	150	219	226	608
548	541	568	600	481	372	361	306	325	366	383	421	472

IONES PESADOS POSITIVOS "N+" por cm³

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
1	7180	6295	5380	4490	1795	1795	5380	-	4490	8060	12590	12590
2	9860	2690	3585	3585	1795	1795	3585	2690	-	-	2690	1795
3	898	898	898	2690	1795	1795	4490	1795	898	898	1795	-
4	16130	10770	8060	1795	1795	2690	5380	3585	7180	7180	2690	1795
5	3585	2690	1795	8950	-	4490	5380	898	1795	898	-	1795
6	898	1795	1795	2690	1795	3585	5380	3585	1795	3585	-	3585
7	8060	4490	4490	5380	-	9860	7180	8950	-	4490	3585	4490
8	898	898	4490	3585	7180	7180	8950	11690	15250	8950	14350	13430
9	-	1795	2690	3585	898	1795	3585	1795	-	-	-	-
10	-	-	-	-	-	-	-	3585	5380	6295	6295	5380
11	1795	11690	898	898	1795	1795	8060	-	8950	7180	3585	1795
12	17950	20350	17950	17950	20350	22400	24200	17950	5380	4490	3585	2690
13	898	1795	1795	1795	1795	1795	2690	-	-	-	-	-
14	4490	3585	6295	5380	6295	8950	7180	16130	12590	13430	12590	11690
15	3585	4490	2690	1795	3585	3585	5380	1795	1795	3585	4490	1795
16	1795	3585	3585	3585	3585	4490	5380	2690	3585	3585	3585	3585
17	6295	3585	7180	5380	5380	3585	4490	-	-	-	-	-
18	3585	5380	7180	10770	8060	14350	16130	18870	25150	4490	5380	3585
19	6295	6295	6295	7180	8950	8950	9860	-	-	-	-	-
20	3585	4490	4490	3585	3585	3585	4490	3585	5380	5380	5380	11690
21	12590	6295	-	1795	2690	4490	2690	1795	4490	4490	3585	2690
22	14350	11690	5380	5380	5380	3585	3585	1795	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	4490	5380	4490	3585	3585
25	-	-	-	-	-	-	-	8950	8060	7180	5380	2690
26	5380	6295	5380	4490	4490	6295	6295	6295	13430	15250	16130	18870
27	17050	13430	12590	17950	20700	26900	10770	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	4490	5380	3585	6295	4490	7180	7180	10770	10770	10770
30	3585	3585	4490	4490	3585	3585	4490	5380	3585	4490	6295	6295
31	3585	3585	5380	4490	4490	4490	7180	3585	7180	7180	7180	8950
Promedio	6430	5698	5170	5348	5223	6312	6795	6046	7092	6198	6453	6161

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	3585	4490	4490	3585	1795	4490	2690	9860	11690	20350	-	12590
2	17050	9860	9860	8060	7180	7180	8950	8950	-	-	10770	-
3	-	8060	-	-	-	8950	9860	8950	8950	-	-	-
4	14350	20700	20350	12590	10770	10770	10770	10770	10770	17950	17950	-
5	12590	-	-	-	11690	10770	10770	-	11690	-	-	-
6	10770	8950	7180	8950	9860	8060	9860	10770	3585	5380	-	5380
7	-	8950	-	5380	-	14350	13430	-	-	-	-	-
8	-	5380	-	6295	8060	-	8060	-	17950	-	-	-
9	1795	5380	7180	3585	10770	4490	-	-	-	-	-	-
10	-	-	-	-	-	-	-	10770	13430	14350	16130	15250
11	11690	11690	10770	12590	12590	11690	25150	-	5380	9860	5380	7180
12	26900	30580	28730	30580	28700	28730	26900	21520	10770	9860	8950	8950
13	6295	6295	6295	5380	5380	5380	5380	-	-	-	-	-
14	9860	10770	10770	10770	8950	8950	13430	16130	17950	17050	17050	17050
15	7180	8060	7180	6295	7180	8950	9860	6295	6295	8950	7180	6295
16	8060	9860	8950	9860	8950	7180	8950	8950	-	-	12590	10770
17	16130	16130	16130	16130	14350	12590	-	-	-	-	-	-
18	9860	10770	16130	16130	16130	20700	27800	29600	17950	9860	12590	10770
19	8950	8950	9860	26000	31460	35000	29600	-	-	-	-	-
20	8060	7180	7180	7180	6295	6295	8060	8060	7180	12590	14350	14350
21	15250	7180	-	4490	5380	5380	5380	4490	7180	7180	5380	5380
22	20350	10770	7180	8950	5380	6295	5380	1795	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	5380	7180	7180	7180	5380
25	-	-	-	-	-	-	-	14350	11690	7180	7180	5380
26	8060	8060	7180	6295	7180	7180	7180	9860	16130	17950	20350	20350
27	14350	13430	12590	17950	20700	26900	20700	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	5380	5380	5380	5380	-	-	3585	7180	8950	11690	10770	10770
30	3585	4490	3585	3585	3585	3585	3585	3585	4490	2690	5380	5380
31	2690	4490	3585	4490	4490	4490	6295	5380	5380	8060	8060	8060
Promedio	10556	9834	10026	10021	10732	11181	11734	10132	10230	11060	11014	9958

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
9860	898	3585	7180	3585	1795	9860	14350	17950	21520	18870	10770	8273
-	-	-	-	3585	8060	4490	8060	6295	6295	2690	1795	4186
898	1795	1795	898	3585	3585	7180	12590	23360	17950	-	8950	4611
898	898	2690	2690	1795	1795	8950	8950	8060	4490	4490	4490	4969
898	898	898	898	898	3585	20700	12590	8950	8950	6295	2690	4569
898	898	1795	1798	3585	3585	8950	12590	-	7180	6295	8950	3955
1795	1795	1795	3585	1795	3585	1795	1795	1795	3585	3585	1795	4076
10770	2690	3585	5380	9860	7180	7180	13430	7180	7180	10770	5380	7810
-	-	8950	5380	13430	14350	-	8950	-	-	-	-	5600
5380	5380	6295	6295	10770	15250	17950	16130	13430	10770	7180	898	8392
7180	1795	1795	1795	898	1795	6295	5380	10770	10770	11690	20700	5622
1795	3585	3585	1795	2690	3585	3585	8060	6295	1795	898	898	8909
-	-	-	-	6295	10770	10770	2690	4490	6295	5380	2690	4130
13430	14350	15250	13430	14350	15250	16130	10770	8950	11690	9860	4490	10690
-	-	3585	4490	5380	8950	10770	11690	10770	4490	3585	2690	4771
-	-	-	898	2690	3585	-	-	-	4490	4490	5380	3587
8950	10770	14350	8950	7180	-	-	4490	6295	6295	3585	3585	6491
2690	3585	8950	13430	5380	10770	17050	12590	6295	8950	9860	6295	9532
14350	28730	12590	8060	9860	10770	9860	9860	9860	-	5380	5380	9918
16130	5380	10770	16130	22400	-	5380	5380	7180	11690	7180	12590	7802
1795	1795	1795	1795	3585	3585	5380	6295	8950	9860	14350	12590	5190
-	-	-	-	-	-	-	-	-	-	-	-	6393
-	-	-	-	-	-	-	-	-	-	-	-	-
5380	4490	5380	5380	-	-	-	-	-	-	-	-	4684
3585	5380	6295	6295	6295	7180	7180	6295	6295	7180	-	6295	6283
12590	12590	12590	14350	20350	28730	31460	17070	8060	8950	15250	9860	12518
-	-	-	-	-	-	-	-	-	-	-	-	17056
-	-	-	-	8950	5380	10770	8950	-	-	4490	10770	8218
8950	11690	16130	9860	7180	7180	7180	8060	3585	3585	5380	8060	7625
4490	3585	4490	4490	4490	4490	4490	4490	3585	3585	4490	3585	4338
8060	8060	8060	8060	7180	8960	9860	12590	9860	8950	8950	7180	7210
6399	5956	6542	6132	6964	7750	10134	9388	8620	8187	7291	6491	6787

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
7180	6295	14350	12590	11690	12590	21520	24200	20700	26900	26900	20700	12401
-	-	-	-	6295	6295	6295	7180	-	8950	-	-	8777
-	-	-	-	3585	4490	7180	23360	26900	20350	-	-	11876
-	-	-	-	4490	-	10770	-	-	-	-	6295	12807
-	-	-	-	-	13430	33190	24200	17950	17950	10770	10770	15481
3585	3585	6295	-	8950	3585	-	-	-	14350	8060	7180	7597
17950	4490	8950	7180	5380	11690	-	-	-	4490	6295	4490	8694
-	11690	-	12590	15250	18870	15250	26900	-	-	20350	-	13887
8950	7180	-	7180	-	14350	10770	8950	-	-	-	-	7548
13430	12590	21520	20700	21520	28730	21520	25150	24200	20350	13430	12590	17980
7180	7180	12590	-	12590	6295	8950	8950	14350	-	20350	20700	11576
8950	8060	8950	9860	8950	14350	16130	17050	13430	7180	6295	6295	16111
-	-	-	17950	18870	18870	16130	12590	12590	14350	11690	8950	10775
18870	18870	20350	17950	20350	21520	17950	-	14350	14350	13430	8950	15029
-	-	9860	8950	10770	14350	17950	20350	11690	8950	9860	8950	9609
-	-	-	8950	8950	9860	-	-	-	-	8950	16130	9797
-	16130	14350	12590	17950	-	-	-	16130	17050	10770	9860	14735
7180	6295	13430	-	9860	-	12590	20350	14350	16130	17050	18870	15200
15250	18870	12590	11690	15250	13430	17050	16130	14350	9860	8950	6295	16291
17950	5380	14350	20350	20350	5380	5380	7180	5380	8950	7180	10770	9808
3585	5380	4490	5380	7180	6295	8060	8950	15250	15250	17950	14350	8034
-	-	-	-	-	-	-	-	-	-	-	-	8262
-	-	-	-	-	-	-	-	-	-	-	-	-
8060	8950	8060	7180	-	-	-	-	-	-	-	-	7172
7180	8950	8950	8060	7180	8060	8950	5380	-	9860	8950	8950	8516
12590	12590	16130	17950	20350	16130	23360	12590	8950	13430	17950	26900	13946
-	-	-	-	-	-	-	-	-	-	-	-	18089
-	-	-	8060	8950	8950	13430	-	7180	4490	6295	7180	8067
-	8060	7180	3585	8950	6295	1795	5380	4490	3585	5380	5380	6407
4490	3585	4490	3585	4490	4490	3585	3585	3585	3585	3585	3585	3924
6295	7180	6295	7180	8060	7180	7180	9860	8060	7180	7180	7180	6429
9922	9066	11220	10929	11448	11478	13260	14414	13362	12161	11636	10927	11108

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	24.2	28.5	27.1	24.2	21.4	18.5	21.4	22.8	25.6	21.4	20.0	20.0	21.4
2	22.8	27.1	22.8	24.2	24.2	24.2	22.8	20.0	20.0	21.4	21.4	21.4	22.8
3	15.7	-	-	-	-	-	-	20.0	24.2	25.6	25.6	24.2	24.2
4	27.1	28.5	27.1	27.1	24.2	22.8	22.8	24.2	22.8	27.1	22.8	27.1	25.6
5	27.1	31.4	27.1	27.1	25.6	20.0	24.2	22.8	25.6	25.6	25.6	29.9	28.5
6	32.8	34.2	32.8	29.9	31.4	27.1	25.6	24.2	25.6	25.6	27.1	28.5	25.6
7	31.4	37.0	29.9	34.2	27.1	25.6	22.8	21.4	24.2	22.8	24.2	24.2	20.0
8	20.0	21.4	14.2	15.7	14.2	11.4	10.0	14.2	12.8	12.8	12.8	12.8	12.8
9	15.7	22.8	18.5	18.5	18.5	17.1	17.1	15.7	14.2	17.1	15.7	15.7	14.2
10	-	-	-	-	-	-	-	22.8	20.0	25.6	21.4	24.2	22.8
11	28.5	29.9	28.5	25.6	25.6	15.7	14.2	21.4	15.7	20.0	14.2	12.8	14.2
12	25.6	27.1	27.1	21.4	14.2	14.2	12.8	17.1	22.8	18.5	20.0	20.0	18.5
13	27.1	31.4	28.5	25.6	18.5	12.8	12.8	18.5	20.0	25.6	11.4	11.4	12.8
14	25.6	32.8	28.5	25.6	17.1	12.8	12.8	20.0	20.0	17.1	20.0	17.1	17.1
15	31.4	35.6	29.9	25.6	20.0	20.0	18.5	22.8	20.0	25.6	24.2	22.8	14.2
16	34.2	34.2	34.2	32.8	28.5	28.5	27.1	29.9	24.2	29.9	28.5	28.5	-
17	25.6	34.2	32.8	29.9	15.7	18.5	32.8	25.6	24.2	34.2	20.0	20.0	22.8
18	27.1	28.5	27.1	25.6	22.8	15.7	17.1	18.5	20.0	21.4	20.0	20.0	20.0
19	27.1	28.5	28.5	28.5	21.4	18.5	15.7	-	-	-	-	-	-
20	15.7	15.7	17.1	20.0	21.4	20.0	14.2	11.4	10.0	14.2	14.2	17.1	17.1
21	11.4	18.5	12.8	10.0	4.3	- 7.1	- 7.1	- 2.8	1.4	- 1.4	- 5.7	- 7.1	- 7.1
22	- 4.3	- 2.8	- 4.3	- 5.7	-14.2	-21.4	-15.6	-12.8	-14.2	-17.0	-12.8	-15.6	-18.5
23	- 4.3	1.4	- 2.8	- 4.3	- 4.3	- 7.1	-	-10.0	-12.8	-11.4	- 5.7	-10.0	- 7.1
24	- 2.8	8.6	8.6	10.0	- 2.8	- 7.1	- 8.5	- 2.8	- 1.4	- 2.8	- 2.8	- 2.8	- 1.4
25	4.3	8.6	7.1	7.1	1.4	- 4.3	1.4	- 2.8	- 1.4	- 1.4	1.4	2.8	4.3
26	8.6	10.0	14.2	11.4	2.8	- 1.4	4.3	10.0	2.8	7.1	7.1	2.8	2.8
27	14.2	20.0	20.0	17.1	7.1	- 4.3	4.3	8.6	4.3	8.6	4.3	4.3	5.7
28	12.8	15.7	10.0	10.0	4.3	- 4.3	2.8	7.1	7.1	5.7	8.6	8.6	10.0
29	21.4	21.4	20.0	17.1	11.4	10.0	11.4	12.8	12.8	12.8	10.0	10.0	12.8
30	18.5	20.0	20.0	21.4	21.4	-	-	-	14.2	10.0	11.4	20.0	14.2
31	12.8	22.8	21.4	18.5	10.0	8.6	12.8	10.0	12.8	8.6	12.8	12.8	8.6
Prom	19.2	23.2	21.0	19.8	14.9	10.9	13.0	14.2	13.9	15.0	13.9	14.1	13.1
Var.	4.0	8.0	5.8	4.7	- 0.3	- 4.3	- 2.2	- 1.0	- 1.3	- 0.2	- 1.3	1.1	- 2.1

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	12.1	9.1	10.6	13.6	10.6	9.1	6.0	4.5	7.6	12.1	9.1	13.6	12.1
2	7.6	9.1	9.1	12.1	9.1	7.6	6.0	3.0	7.6	12.1	15.1	13.6	12.1
3	3.0	-	-	-	-	-	-	- 1.6	4.5	10.6	9.1	16.6	25.7
4	4.5	12.1	6.0	19.7	9.1	18.1	6.0	3.0	3.0	12.1	12.1	9.1	9.1
5	24.2	10.6	10.6	13.6	12.1	15.1	- 1.6	9.1	9.1	12.1	15.1	13.6	10.6
6	33.3	16.6	6.0	15.1	24.2	24.2	18.1	10.6	15.1	13.6	12.1	10.6	12.1
7	10.6	7.6	12.1	15.1	13.6	12.1	1.5	3.0	6.0	13.6	4.5	12.1	19.7
8	9.1	7.6	15.1	18.1	10.6	10.6	4.5	1.5	1.5	9.1	13.6	15.1	12.1
9	13.6	13.6	12.1	16.6	10.6	7.6	4.5	3.0	3.0	12.1	10.6	12.1	13.6
10	-	-	-	-	-	-	-	4.5	6.0	10 6	12.1	13.6	13.6
11	13.6	13.6	15.1	12.1	9.1	10.6	3.0	3.0	9.1	15.1	18.1	19.7	15.1
12	13.6	12.1	12.1	13.6	9.1	9.1	3.0	3.0	4.5	7.6	10.6	13.6	16.6
13	13.6	12.1	13.6	19.7	9.1	6.0	1.5	1.5	6.0	7.6	12.1	22.7	16.6
14	12.1	13.1	10.6	13.6	9.1	7.6	3.0	1.5	7.6	3.0	9.1	13.6	13.6
15	9.1	10.6	12.1	10.6	9.1	7.6	6.0	4.5	4.5	7.6	13.6	19.7	16.6
16	6.0	12.1	15.1	10.5	12.1	12.1	6.0	3.0	3.0	15.1	22.7	28.7	-
17	4.5	13.6	13.6	9.1	7.6	6.0	9.1	4.5	9.1	10.6	13.6	18.1	15.1
18	-30.2	-27.0	-20.7	-22.3	-27.0	-27.0	-25.4	-33.4	-25.4	-19.1	-17.5	-17.5	-17.5
19	-15.9	-17.5	-17.5	-14.3	-20.7	-19.1	-25.4	-	-	-	-	-	-
20	-17.5	-17.5	-14.3	-14.3	-14.3	-12.7	-15.9	-19.1	-22.3	-22.3	-17.5	-12.7	-14.3
21	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-46.1	-42.9	-42.9	-39.8	-43.9	-52.5	-54.1	-58.8	-49.3	-46.1	-39.8	-35.0	-38.2
23	-33.4	-30.2	-28.6	-22.3	-33.4	-33.4	-	-49.3	-38.2	-38.2	-31.8	-30.2	-23.8
24	-33.4	-35.0	-31.8	-27.0	-25.4	-35.4	-39.8	-44.5	-30.2	-22.3	-33.4	-30.2	-30.2
25	-22.3	-27.0	-28.6	-23.8	-27.0	-27.0	-27.0	-41.3	-33.4	-23.8	-22.3	-22.3	-23.8
26	-22.3	-20.7	-20.7	-15.9	-25.4	-22.3	-25.4	-28.6	-25.4	-19.1	-20.7	-12.7	-14.3
27	-11.1	-19.1	-19.1	- 9.5	-14.3	-15.9	-19.1	-27.0	-23.8	-17.5	-15.9	- 8.0	-19.1
28	-12.7	-15.9	-12.7	- 8.0	-15.9	-12.7	-15.9	-20.7	-17.5	-11.1	- 8.0	- 3.2	- 1.6
29	-11.1	- 9.5	- 8.0	- 8.0	- 9.5	-11.1	-11.1	-20.7	-14.3	- 9.5	- 1.6	4.5	1.5
30	1.5	- 6.4	- 3.2	- 3.2	- 3.2	-	-	-	- 9.5	- 3.2	-11.1	-11.1	-23.8
31	1.5	4.5	- 4.7	- 3.2	3.0	6.0	- 8.0	-11.1	- 8.0	-11.1	- 3.2	-11.1	- 6.4
Prom	- 2.2	- 3.2	- 2.8	0.1	- 3.3	- 3.7	- 7.3	-10.5	- 6.6	- 2.0	- 0.3	2.6	0.8
Var.	2.8	1.8	2.2	5.1	1.7	1.3	- 2.3	- 5.5	- 1.6	3.0	4.7	7.6	5.8

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
24.2	24.2	21.4	21.4	18.5	17.1	18.5	21.4	22.8	25.6	22.8	22.3	0
21.4	27.1	25.6	24.2	21.4	21.4	21.4	20.0	18.5	24.2	22.8	22.6	1
24.2	27.1	28.5	25.6	21.4	22.8	25.6	22.8	25.6	24.2	25.6	24.0	2
24.2	22.8	25.6	17.1	22.8	25.6	25.6	17.1	28.5	31.4	31.4	25.5	2
22.8	22.8	24.2	21.4	21.4	21.4	25.6	28.5	29.9	35.6	31.4	26.1	2
24.2	28.5	25.6	27.1	27.1	22.8	25.6	27.1	28.5	31.4	25.6	27.7	1
20.0	14.2	15.7	11.4	12.8	11.4	11.4	14.2	15.7	20.0	18.5	21.2	1
12.8	15.7	17.1	11.4	12.8	14.2	14.2	17.1	20.0	20.0	14.2	14.8	1
-	-	17.1	14.2	17.1	15.7	14.2	11.4	10.0	-	-	16.0	0
18.5	22.8	25.4	22.8	20.0	20.0	24.2	24.2	24.2	28.5	25.6	23.1	0
12.8	17.1	17.1	11.4	14.2	11.4	15.7	17.1	18.5	24.2	17.1	18.4	0
17.1	20.0	25.6	21.4	20.0	20.0	24.2	24.2	25.6	28.5	22.8	21.2	1
14.2	15.7	18.5	12.8	11.4	10.0	10.0	14.2	17.1	20.0	17.1	17.4	0
20.0	18.5	27.1	18.5	20.0	18.5	21.4	20.0	25.6	31.4	24.2	21.3	1
24.2	25.6	27.1	21.4	21.4	22.8	25.6	24.2	24.2	32.8	27.1	24.5	0
-	-	31.4	25.6	27.1	24.2	24.2	24.2	22.8	29.9	27.1	28.4	2
20.0	20.0	25.6	-	25.6	24.2	25.6	25.6	27.1	29.9	27.1	25.5	2
20.0	18.5	21.4	21.4	24.2	21.4	20.0	24.2	24.2	22.8	24.2	21.9	0
-	2.8	2.8	2.8	2.8	2.8	10.0	11.4	8.6	11.4	18.5	14.2	1
15.7	12.8	8.6	1.4	11.4	7.1	5.7	8.6	-12.8	-10.0	5.7	10.9	0
- 7.1	-11.4	-12.8	- 8.6	-10.0	-10.0	-12.8	-10.0	- 4.3	1.4	1.4	- 2.7	0
-14.2	-11.4	-15.6	-17.0	-21.3	-17.0	-21.3	-14.2	-15.6	- 7.1	- 8.5	-13.4	2
- 5.7	- 5.7	- 5.7	- 7.1	-12.8	- 8.6	-14.2	- 5.7	- 5.7	2.8	1.4	- 6.3	2
1.4	- 2.8	2.8	- 4.3	2.8	5.7	- 2.8	1.4	5.7	11.4	8.6	0.9	1
4.3	4.3	7.1	2.8	2.8	7.1	2.8	8.6	5.7	7.1	7.1	3.7	1
8.6	5.7	2.8	1.4	2.8	11.4	5.7	2.8	15.7	20.0	11.4	7.1	0
1.4	1.4	4.3	1.4	1.4	1.4	-	1.4	7.1	8.6	8.6	6.6	0
11.4	10.0	12.8	10.0	7.1	10.0	8.6	10.0	12.8	18.5	15.7	9.4	0
12.8	15.7	12.8	12.8	12.8	10.0	14.2	15.7	17.1	22.8	17.1	14.5	1
14.2	18.5	17.1	11.4	14.2	10.0	12.8	12.8	11.4	20.0	17.1	15.7	2
8.6	8.6	8.6	4.3	7.1	5.7	8.6	12.8	20.0	22.8	17.1	12.4	2
13.3	13.4	15.0	11.3	12.3	12.3	13.0	14.3	15.3	19.7	17.5	15.2	
- 1.9	- 1.8	- 0.2	- 3.9	- 2.9	- 2.9	- 2.2	- 0.9	0.1	4.5	2.3		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
13.6	6.0	3.0	1.5	1.5	3.0	9.1	10.6	9.1	9.1	6.0	8.4	0
12.1	7.6	6.0	1.5	3.0	7.6	10.6	9.1	6.0	9.1	4.5	8.4	0
12.1	3.0	- 6.4	- 9.5	4.5	- 9.5	- 6.4	18.1	12.1	18.1	7.6	6.2	0
6.0	6.0	1.5	3.0	4.5	- 3.2	6.0	13.6	15.1	12.1	3.0	8.0	0
7.6	16.6	3.0	- 3.2	- 3.2	- 4.7	13.6	7.6	19.7	- 3.2	7.6	9.0	0
15.1	- 3.2	1.5	1.5	1.5	19.7	12.1	13.6	13.6	12.1	15.1	13.1	0
10.6	10.6	12.1	7.6	12.1	1.5	16.6	12.1	16.6	16.6	9.1	10.7	1
13.6	9.1	6.0	- 1.6	1.5	12.1	4.5	15.1	- 1.6	19.7	6.0	8.9	0
-	-	7.6	3.0	1.5	6.0	6.0	18.1	10.6	-	-	9.3	0
15.1	4.5	3.0	- 1.6	4.5	10.6	7.6	6.0	16.6	9.1	12.1	8.7	0
13.6	12.1	12.1	6.0	6.0	6.0	10.6	6.0	9.1	10.6	3.0	10.5	2
15.1	7.6	4.5	9.1	7.6	10.6	13.6	7.6	10.6	10.6	3.0	9.5	1
18.1	10.6	9.1	4.5	3.0	9.1	10.6	9.1	10.6	9.1	6.0	10.1	1
13.6	7.6	7.6	1.5	3.0	4.5	1.5	3.0	7.6	7.6	4.5	7.5	1
9.1	4.5	4.5	- 9.5	- 7.6	6.0	13.6	12.1	9.1	10.6	6.0	7.9	1
-	-	9.1	- 6.4	6.0	9.1	6.0	7.6	7.6	9.1	9.1	9.7	1
10.6	3.0	- 9.5	-	-33.4	-36.6	-25.4	-22.3	-23.8	-28.6	-28.6	- 2.6	1
-11.1	-14.3	-12.7	-20.7	-23.8	-22.3	-22.3	-19.1	-17.5	-15.9	-19.1	-21.2	0
-	-12.7	-14.3	-20.7	-19.7	-20.7	-20.7	-23.8	-22.3	-19.1	-14.3	-18.7	1
- 8.0	- 9.5	-11.1	-	-	-	-	-	-	-	-	-15.2	2
-	-	-61.5	-61.5	-57.2	-58.8	-55.6	-49.3	-49.3	-44.5	-57.2	-55.0	1
-36.6	-47.7	-50.9	-54.1	-54.1	-60.2	-58.8	-31.8	-46.1	-30.2	-39.8	-45.8	1
-35.0	-46.1	-36.6	-23.8	-33.4	-33.4	-28.6	-42.9	-39.8	-33.4	-44.5	-34.4	2
-33.4	-36.6	-27.0	-35.0	-33.4	-31.2	-23.8	-23.8	-23.8	-25.4	-28.6	-30.8	0
-27.0	-28.6	-33.4	-30.2	-27.0	-20.7	-23.8	-23.8	-28.6	-27.0	-27.0	-26.9	0
-15.9	-22.3	-25.4	-30.2	-17.5	-22.3	-19.1	-20.7	-20.7	-19.1	-19.1	-21.1	2
-14.3	-20.7	-17.5	-19.1	-17.5	-14.3	-	-17.5	-14.3	-12.7	-14.3	-16.6	2
- 4.7	-19.1	-15.9	-19.1	-17.5	-11.1	-14.3	- 9.5	- 9.5	- 9.5	-15.9	-12.6	1
- 3.2	-19.1	-19.1	-22.3	-17.5	-19.1	-19.1	-15.9	-14.3	- 6.4	- 9.5	-11.4	1
- 8.0	-12.7	-22.3	-27.0	-28.6	-15.9	-15.9	-20.7	-15.9	-14.3	- 6.4	-12.4	1
-11.1	- 8.0	- 9.5	-23.8	- 6.4	-15.9	- 9.5	- 3.2	1.5	- 9.5	-11.1	- 6.6	2
- 0.8	- 6.8	- 9.1	-13.1	-11.2	- 9.8	- 6.9	- 5.2	- 5.2	- 4.7	- 8.0	- 5.0	
4.2	- 1.6	- 4.1	- 8.1	- 6.2	- 4.8	- 1.9	- 0.2	- 0.2	0.3	- 3.0		

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	55.0	55.0	56.2	57.0	57.4	57.8	59.1	59.0	59.1	58.7	58.2	57.6	56.5	55.8	55.7
2	57.3	57.3	57.3	57.5	57.9	58.2	58.5	58.6	58.7	58.7	58.5	57.8	57.3	57.0	56.2
3	56.2	56.2	56.1	56.3	56.8	57.2	57.4	58.1	58.1	57.8	57.1	56.7	56.2	55.5	55.2
4	57.4	57.4	57.8	58.0	58.6	59.5	61.0	61.1	61.2	60.8	60.4	60.1	59.9	59.4	58.7
5	59.3	59.2	58.9	58.9	59.3	59.5	59.8	59.6	59.5	59.3	59.3	58.5	57.8	57.2	56.5
6	56.7	56.5	56.4	56.4	56.5	56.5	56.5	56.6	56.7	56.6	56.1	55.1	55.1	54.4	54.0
7	53.3	53.0	52.6	52.6	52.9	53.6	53.9	54.3	54.4	54.1	53.7	53.3	53.0	52.9	53.0
8	56.2	55.9	55.6	55.2	55.3	55.4	55.6	55.6	55.4	55.0	54.1	53.7	52.9	52.0	51.3
9	50.9	50.3	50.0	49.5	50.3	51.2	53.3	53.6	54.0	53.9	53.9	53.9	53.4	53.4	53.0
10	54.7	54.6	54.4	54.4	54.6	54.8	55.1	55.0	54.9	54.7	54.5	54.0	53.8	53.4	52.8
11	51.0	50.7	50.6	52.6	52.9	53.5	52.5	52.5	56.4	55.1	55.0	55.5	55.5	55.5	55.4
12	56.1	56.0	55.6	55.7	55.8	56.3	56.7	56.7	56.5	56.0	55.5	55.0	54.4	53.6	53.1
13	51.8	51.4	50.7	50.7	50.4	51.3	52.2	54.1	54.5	56.0	55.6	54.2	53.5	53.4	53.8
14	60.1	60.1	60.4	60.3	60.5	61.1	61.4	61.5	61.6	61.9	61.9	61.6	61.5	60.9	60.4
15	59.8	59.6	59.5	59.5	59.5	59.5	59.5	59.3	59.0	59.0	58.5	57.6	57.0	56.2	55.3
16	53.2	53.1	53.0	53.2	53.7	54.0	54.6	54.4	54.2	54.0	53.3	52.5	52.0	51.2	50.8
17	50.2	49.7	49.3	49.0	48.7	48.5	48.7	48.6	48.8	48.3	48.1	48.4	48.3	47.6	48.5
18	52.1	51.3	51.7	52.0	51.9	52.0	52.9	52.8	52.8	52.9	52.2	51.5	52.2	52.8	53.7
19	55.0	55.2	55.5	56.0	56.5	56.6	57.0	57.2	57.1	57.3	56.9	56.3	56.1	56.1	55.9
20	55.7	55.6	55.1	55.3	55.5	55.4	55.6	55.6	55.6	56.3	56.2	54.8	54.5	53.9	53.3
21	54.0	54.2	54.0	53.6	54.1	54.4	54.5	54.9	54.7	54.8	54.4	54.8	54.9	54.8	54.9
22	57.0	57.0	56.9	57.0	57.7	58.6	59.4	60.2	60.3	60.4	60.5	60.4	60.6	60.6	60.4
23	62.6	62.7	62.7	62.8	63.0	63.5	63.7	64.2	64.5	64.4	64.1	63.6	63.4	62.7	62.3
24	62.7	62.7	62.6	62.5	62.4	62.5	62.5	61.9	61.6	61.3	60.6	59.7	59.0	57.9	57.4
25	55.3	55.3	54.8	55.6	56.8	57.5	57.3	56.5	57.2	57.7	57.8	57.9	58.2	58.9	59.4
26	61.9	61.7	61.7	61.8	61.5	61.4	61.4	61.3	61.1	61.2	61.2	60.0	60.0	59.3	59.2
27	56.7	56.5	56.1	55.9	55.9	56.0	55.9	55.9	56.0	56.0	55.9	55.2	54.3	53.4	53.1
28	55.2	55.1	55.1	55.1	55.6	55.9	56.7	57.4	57.8	59.3	59.2	59.6	59.9	60.2	61.0
29	64.6	64.6	64.6	64.5	64.5	64.4	64.1	64.8	64.7	64.4	63.8	63.9	63.6	62.6	62.3
30	61.8	63.2	62.9	62.6	62.9	62.0	63.1	63.2	63.5	63.3	63.0	63.5	63.6	63.8	64.1
31	64.2	64.1	64.0	63.7	63.[illegible]	63.5	63.7	63.3	63.4	63.3	63.0	62.6	61.8	61.8	61.7
Prom	56.7	56.6	56.5	56.6	56.9	57.1	57.5	57.7	57.8	57.8	57.5	57.1	56.8	56.4	56.2

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	22.0	21.7	22.7	21.0	20.9	21.2	21.5	24.0	24.4	27.3	28.5	30.3	32.7	33.2	33.1
2	24.2	23.5	22.5	21.9	21.7	20.8	22.1	24.6	27.6	29.7	31.5	33.1	34.0	34.8	35.0
3	23.4	22.2	21.3	20.6	19.9	19.6	20.6	23.6	25.6	27.5	29.5	31.3	32.1	32.8	33.1
4	21.2	21.8	21.9	21.1	21.0	19.6	23.0	25.2	26.8	29.1	30.7	31.5	32.2	32.4	33.1
5	24.0	23.5	21.7	20.6	19.7	19.1	20.6	23.8	26.6	28.5	30.7	32.4	33.2	33.6	33.3
6	22.7	21.8	20.9	19.9	19.3	18.3	19.2	22.2	25.8	28.1	31.2	33.8	35.1	35.2	35.1
7	21.4	21.2	21.4	21.4	20.6	20.5	22.1	25.6	27.9	33.4	34.5	36.7	35.5	34.4	33.5
8	21.2	21.2	21.2	21.2	21.3	21.8	21.9	24.2	27.3	29.0	29.5	30.9	31.3	32.2	32.7
9	23.6	23.4	21.7	21.2	20.1	19.3	21.6	24.2	26.0	27.9	29.8	31.0	32.3	31.2	26.0
10	21.5	22.5	22.8	22.7	22.5	22.6	23.8	25.4	26.8	28.2	28.8	29.7	30.1	30.4	32.3
11	26.6	25.5	25.1	25.4	23.0	22.3	22.2	22.8	19.4	19.3	20.0	20.8	22.1	22.6	24.2
12	17.5	17.9	17.6	17.2	16.7	16.3	17.6	21.6	24.6	26.9	28.9	30.7	32.0	32.8	33.0
13	22.9	22.3	22.3	22.3	22.3	22.9	23.2	24.8	23.9	23.4	21.7	22.0	23.8	26.0	28.9
14	18.7	17.9	17.3	17.1	16.8	16.3	16.8	20.0	21.8	23.6	24.7	25.5	25.6	26.0	25.9
15	22.8	22.2	21.8	21.8	21.8	21.5	22.0	24.8	27.1	29.5	31.5	32.8	34.7	35.2	35.3
16	26.4	24.9	23.2	22.7	22.0	21.7	22.8	26.0	28.3	30.6	32.9	33.6	34.7	35.2	35.6
17	22.9	22.9	22.9	22.9	22.2	22.7	24.2	26.2	28.5	30.6	31.8	25.5	28.0	26.0	24.3
18	19.3	18.8	18.7	18.6	18.7	18.4	18.4	19.2	21.7	24.9	26.5	26.6	24.8	22.6	19.5
19	15.3	14.7	14.0	13.9	13.7	13.8	14.7	18.4	20.9	22.5	24.0	25.7	26.4	26.8	26.4
20	22.3	22.1	21.6	21.6	21.7	21.8	22.2	23.2	26.2	26.9	22.3	25.1	23.9	19.2	18.9
21	18.4	18.1	18.2	18.2	18.2	18.4	18.5	19.2	19.3	20.0	20.4	21.5	22.3	23.0	23.2
22	19.1	18.8	18.4	22.6	22.6	22.7	22.7	18.6	20.2	22.3	22.6	23.7	23.9	24.2	24.6
23	15.6	15.4	15.1	14.4	14.0	13.6	14.8	18.4	22.3	23.8	24.7	25.5	25.8	25.6	25.7
24	18.7	18.4	17.6	16.9	16.2	16.0	17.0	19.4	22.0	24.1	25.4	26.2	26.2	26.2	26.4
25	18.0	17.8	17.0	17.3	17.4	18.4	17.9	17.6	19.4	21.2	22.1	23.3	23.4	21.8	22.3
26	11.7	11.7	11.1	10.8	10.7	10.8	11.5	12.6	14.3	14.9	15.9	17.1	18.7	18.8	18.1
27	15.1	15.0	15.0	15.0	15.4	15.5	15.7	16.2	16.6	17.5	18.8	22.3	21.0	21.4	21.9
28	15.7	15.6	15.7	15.3	14.9	15.1	15.1	15.2	16.1	17.3	17.7	18.8	19.3	19.6	20.4
29	12.0	11.3	10.6	10.0	9.8	9.4	10.7	13.8	14.9	16.8	17.1	17.6	17.5	18.0	17.4
30	10.8	10.8	10.7	10.7	10.5	10.2	10.8	11.0	11.8	12.5	12.8	12.8	12.8	12.8	12.8
31	11.1	10.6	10.3	10.3	10.0	9.9	9.8	10.8	12.1	13.0	14.8	15.2	14.9	15.8	16.4
Prom	19.6	19.2	18.8	18.6	18.2	18.1	18.9	20.7	22.4	24.2	25.2	26.2	26.8	26.8	26.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
55.6	55.6	56.1	56.5	57.2	57.6	57.6	57.5	57.3	59.1	7,9	54.8	0	4.3	757.0 mm.	1009.3 mb.
55.8	55.7	55.5	55.6	55.7	55.9	55.8	55.9	56.1	58.7	9,10	55.5	18	3.2	57.0	1009.3
55.0	55.1	55.6	56.0	56.4	57.0	57.1	57.1	57.2	58.1	8,9	55.0	16	3.1	56.6	1008.8
59.0	58.7	58.9	59.0	59.2	59.6	59.5	59.5	59.3	61.2	9	57.2	0	4.0	59.3	1012.4
56.4	56.4	56.4	56.5	56.6	56.8	56.8	56.7	56.5	59.8	7	56.4	varios	3.4	58.0	1010.6
53.7	53.3	53.0	52.9	53.4	53.5	53.4	53.4	53.4	56.7	1,9	52.9	19	3.8	55.0	1006.6
53.8	54.0	54.3	54.7	54.9	55.1	55.7	56.0	56.5	56.5	24	52.6	3,4	3.9	54.0	1005.3
50.9	50.6	50.7	50.9	51.2	51.2	51.4	51.2	51.1	56.5	0	50.6	17	5.9	53.3	1004.4
53.1	53.0	53.3	53.8	54.4	54.8	54.8	54.9	54.7	54.9	23	49.5	4	5.4	53.0	1004.0
52.3	52.0	51.9	51.9	51.9	51.7	51.2	51.0	51.1	55.1	7	51.0	23	4.1	53.4	1004.5
55.3	54.9	54.8	54.8	55.8	56.0	56.6	56.7	56.5	56.7	23	50.6	3	6.1	54.4	1005.8
52.6	52.2	52.3	52.3	52.8	52.9	52.3	52.1	51.9	56.7	7,8	51.9	24	4.8	54.3	1005.7
54.0	54.3	55.3	56.1	56.9	57.9	59.0	59.1	59.8	59.8	24	50.4	5	9.4	54.4	1005.8
60.1	60.2	59.7	59.3	59.4	59.5	59.6	59.7	59.9	61.9	10,11	59.3	19	2.6	60.5	1014.0
54.7	54.3	53.9	53.7	53.6	53.6	53.1	52.9	52.9	59.9	0	52.9	23,24	7.0	56.7	1008.9
50.6	50.9	51.3	51.3	51.2	51.5	51.4	51.2	51.1	54.6	7	50.6	16	4.0	52.4	1003.2
48.4	48.4	48.7	49.3	50.6	51.2	51.3	51.9	52.0	52.0	24	47.4	14-15	4.6	49.3	999.0
54.2	52.2	52.0	52.4	53.1	53.6	54.2	54.7	55.0	55.0	24	51.3	2	3.7	52.8	1003.7
55.3	55.3	55.2	55.1	55.1	55.9	55.7	55.6	55.7	57.3	10	55.0	0,1	2.3	56.0	1008.0
52.9	53.7	57.2	58.0	56.0	53.2	54.0	53.7	53.2	59.0	18-19	51.8	22-23	7.2	55.0	1006.6
54.9	54.8	55.1	55.3	56.1	55.5	55.5	55.4	56.9	56.9	24	53.2	0	3.7	54.8	1006.4
60.7	60.7	60.7	61.3	61.8	62.1	62.3	62.4	62.5	62.5	24	56.9	0,3	5.6	60.1	1013.4
62.2	62.0	62.1	62.2	62.5	62.5	62.4	62.5	62.6	64.5	9	62.0	17	2.5	63.0	1017.3
56.7	56.5	56.5	56.5	56.5	55.8	55.4	54.5	55.3	62.7	1,2	54.5	23	8.2	59.2	1012.1
59.5	60.1	60.8	61.5	61.9	62.0	62.0	62.5	61.9	62.5	23	54.8	3	7.7	58.7	1011.6
59.0	58.6	58.6	58.5	58.3	57.9	57.3	57.0	56.8	62.0	3-4	56.8	24	5.2	59.9	1013.2
53.1	52.9	53.1	53.2	53.4	53.9	54.3	54.7	54.9	56.8	0	52.9	17	3.9	54.8	1006.4
60.9	61.1	61.4	61.6	62.2	63.0	63.5	63.7	63.8	63.8	24	54.9	0	8.9	59.3	1012.4
62.4	62.9	63.5	64.2	64.1	64.1	63.8	63.0	62.9	64.8	8	62.3	15	2.5	63.8	1018.4
64.3	64.1	64.2	64.4	64.3	64.1	64.3	64.6	64.4	64.8	23-24	61.6	0-1	3.2	63.5	1018.0
61.5	61.4	61.0	61.1	60.8	61.2	60.8	60.6	60.6	64.4	0	60.6	23,24	3.8	62.4	1016.5
56.1	56.0	56.2	56.4	56.7	56.8	56.8	56.8	56.9	59.2		54.4		4.8	56.8	1009.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
33.6	33.0	31.0	27.5	26.4	25.4	24.2	24.4	23.3	34.1	13-14	20.9	5	13.2	26.4
34.4	32.6	30.2	27.2	26.0	25.2	25.0	25.9	24.6	25.0	15	20.8	6	14.2	27.4
33.2	31.9	29.2	26.9	25.4	25.2	24.7	24.0	23.5	33.2	16	19.6	6	13.6	26.1
33.2	33.5	30.6	27.8	26.6	26.1	25.4	25.4	24.9	33.6	16-17	19.6	6	14.0	26.8
33.2	31.6	29.2	27.1	25.4	24.8	23.4	23.3	22.7	33.6	14	19.1	6	14.5	26.3
34.5	33.1	30.2	27.4	25.6	24.3	23.5	23.3	21.9	35.2	14	18.2	6-7	17.0	26.4
30.5	28.5	26.8	25.5	24.8	24.2	23.6	22.8	21.9	37.2	12-13	20.4	5-6	16.8	26.6
32.3	30.8	27.0	26.0	25.8	25.1	24.0	24.6	24.6	32.7	15	21.2	varios	11.5	26.1
25.6	25.7	25.2	24.0	23.8	22.9	22.3	22.1	22.6	32.3	13	19.3	6	13.0	24.7
33.2	32.4	30.2	27.3	26.6	26.2	25.4	27.4	27.2	33.2	16	21.5	1	11.7	26.9
24.9	24.9	24.1	22.5	21.4	20.4	19.9	19.2	18.1	27.2	0	18.1	24	9.1	22.4
33.0	32.7	30.5	27.8	26.4	25.4	24.5	24.0	23.1	33.1	15-16	16.3	6	16.8	24.9
29.6	29.0	26.2	26.4	26.0	24.9	22.6	21.0	19.2	19.8	15-16	19.2	24	10.6	24.1
25.9	25.2	23.6	22.9	22.8	22.9	22.8	23.2	23.2	26.0	14	16.2	6-7	9.8	21.9
35.0	33.9	31.2	29.3	28.0	29.7	29.0	28.2	27.3	35.4	14-15	21.5	6	13.9	28.2
34.7	29.8	26.6	25.2	24.6	24.1	23.9	23.8	23.5	35.6	15	21.7	6	13.9	27.4
22.5	22.3	21.7	21.0	20.6	20.4	20.1	19.8	19.4	31.9	10-11	19.4	24	12.5	23.7
18.6	17.4	17.1	16.7	18.8	18.9	18.7	16.4	15.7	26.8	11-12	15.7	24	11.1	19.8
26.1	25.3	23.4	22.4	22.4	22.6	22.5	22.2	22.3	26.8	14	13.7	5	13.1	20.8
18.5	19.4	18.4	18.3	18.0	18.3	18.3	19.0	19.0	26.9	10	18.0	20	8.9	21.1
23.8	24.2	24.1	22.2	21.0	20.1	19.9	20.0	19.5	24.4	17-18	18.1	2	6.3	20.5
24.6	24.3	23.0	20.0	19.2	18.2	17.4	16.9	16.2	24.8	14-15	16.2	24	8.6	21.1
25.5	24.2	21.6	18.5	17.0	15.5	16.2	17.4	18.6	25.8	13	13.4	6-7	12.4	19.5
26.3	25.3	22.9	20.4	19.4	25.9	25.6	25.1	24.1	26.5	14-15	16.0	6	10.5	22.2
21.6	21.3	20.0	18.5	17.0	15.9	14.9	13.4	12.0	23.6	12-13	12.0	24	11.6	18.7
17.2	16.2	15.4	15.2	15.2	15.1	15.0	15.1	15.1	18.8	14	10.7	5	8.1	14.5
21.8	21.8	21.4	20.7	20.0	19.5	18.0	17.1	16.0	21.9	15	15.0	varios	6.9	18.3
20.3	19.6	18.4	17.2	16.6	15.3	14.2	13.2	12.4	20.5	15-16	12.4	24	8.1	16.6
17.0	15.9	15.0	14.6	14.4	13.1	11.8	11.4	10.7	18.0	14	9.4	6	8.6	13.8
12.7	12.5	12.4	12.3	12.0	11.5	11.6	11.4	11.1	12.9	14-15	10.2	6	2.7	11.7
16.0	16.2	14.4	12.5	10.0	9.9	8.5	7.6	7.3	16.4	15	7.3	24	9.1	12.0
26.4	25.6	23.9	22.3	21.5	21.2	20.5	20.3	19.7	28.2		16.8		11.4	22.2

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	15.0	15.0	13.5	17.0	16.5	16.0	16.5	16.2	16.0	16.5	16.5	15.0	15.5	13.7	14.0
2	18.5	14.5	13.5	14.0	14.0	14.0	14.0	13.9	13.0	9.0	14.5	14.0	11.0	11.8	9.5
3	12.0	12.5	12.5	13.0	12.5	13.0	14.0	14.5	14.0	14.0	14.5	14.5	15.0	14.6	14.0
4	17.0	18.0	14.0	14.5	15.0	14.5	17.0	16.6	16.0	14.0	15.5	16.0	18.5	17.0	16.0
5	17.0	13.5	13.0	13.0	13.0	13.5	14.0	13.7	13.5	13.5	12.0	11.5	10.5	11.1	10.5
6	12.5	12.0	12.0	13.0	12.5	12.5	12.5	13.1	13.0	12.0	12.5	10.5	9.5	11.2	11.5
7	14.5	13.5	12.5	11.5	12.0	11.0	12.0	12.3	11.5	12.5	11.0	10.5	9.5	10.6	10.5
8	15.5	15.5	15.5	15.5	14.5	15.0	15.0	16.6	16.5	15.5	16.0	15.5	12.5	12.3	12.0
9	16.5	16.5	15.5	15.5	15.0	14.5	15.5	14.6	15.5	16.0	15.0	14.0	13.5	13.3	15.5
10	15.5	15.5	16.0	14.5	15.5	15.5	17.0	16.4	15.0	16.0	17.0	16.0	16.5	15.9	15.0
11	14.5	15.0	14.9	13.5	12.0	11.5	11.5	13.7	14.5	14.5	15.0	16.5	17.0	17.5	17.5
12	14.5	14.5	14.5	13.5	13.5	12.5	13.5	17.8	15.5	16.5	14.0	14.0	13.0	13.4	14.0
13	16.0	16.5	15.5	15.5	15.5	15.0	15.0	17.2	18.0	18.5	15.5	16.0	17.0	17.9	17.0
14	13.0	13.0	12.5	12.5	12.0	12.0	11.5	12.9	13.0	13.5	14.5	14.0	14.0	14.0	14.0
15	16.0	16.0	16.0	17.0	17.0	16.5	17.0	16.5	15.0	16.0	14.5	15.5	15.5	13.0	11.5
16	10.5	11.0	11.0	11.5	12.0	13.0	13.5	15.1	16.5	17.0	15.5	16.5	15.5	16.5	16.0
17	18.0	19.0	19.0	19.0	18.5	18.0	18.5	18.5	19.5	18.5	18.5	18.5	19.0	17.9	17.5
18	15.0	14.0	14.5	14.5	14.5	14.5	14.5	15.0	16.5	18.0	18.5	17.5	15.5	17.5	14.5
19	10.5	10.5	10.0	10.0	10.0	10.0	11.5	13.6	14.0	13.5	15.0	15.0	14.5	13.6	13.5
20	16.0	16.0	15.5	16.5	16.5	17.0	18.0	19.8	19.5	19.0	14.5	14.5	20.0	16.4	15.5
21	15.0	15.0	15.0	15.0	15.0	15.0	15.5	16.4	16.0	17.0	17.0	17.5	17.5	18.0	17.5
22	15.0	14.5	14.5	18.5	18.5	19.0	19.0	15.0	15.0	15.5	15.5	15.0	14.5	15.2	14.0
23	12.5	12.5	12.0	11.5	11.5	11.0	12.0	15.8	15.5	14.5	15.5	15.0	14.0	13.0	10.5
24	12.0	11.0	10.5	10.0	10.5	10.5	11.0	12.4	12.0	11.5	12.5	12.0	12.0	11.9	11.0
25	11.5	11.5	11.5	12.0	12.0	13.0	14.0	14.6	14.5	15.5	15.0	14.0	14.5	11.8	11.5
26	9.0	9.0	9.5	9.0	9.0	9.0	9.0	10.1	10.5	11.5	12.0	12.0	11.5	11.8	13.5
27	12.0	12.0	12.0	12.0	12.5	12.5	12.5	13.5	13.5	14.5	15.5	18.0	17.0	17.6	18.0
28	12.0	12.0	12.0	12.0	11.5	11.5	11.5	11.2	10.5	10.5	10.5	10.5	11.0	11.3	11.0
29	8.5	8.5	8.5	8.5	8.0	8.0	7.8	8.4	8.5	9.5	9.0	7.8	7.8	9.2	8.5
30	7.4	7.4	8.0	8.0	8.0	8.0	8.0	8.8	8.5	8.5	9.0	9.5	10.0	9.6	10.0
31	7.0	6.8	7.2	7.2	7.0	7.0	7.0	7.3	7.0	7.0	7.2	6.8	6.6	7.4	7.2
Prom.	13.5	13.3	13.0	13.2	13.1	13.0	13.5	14.2	14.1	14.2	14.2	14.0	13.8	13.7	13.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
38	37	43	56	60	71	78	77	87	94	4-5	35	13-14	59	65
20	24	29	51	63	69	61	49	55	90	0-1	20	16	70	52
31	38	52	59	63	69	78	86	94	94	24	30	16-17	64	60
35	33	49	62	69	78	75	73	77	96	1-2	33	17	63	65
28	42	43	51	73	81	77	63	64	83	6	27	15	56	57
25	32	44	40	39	45	45	52	75	85	6-7	25	13,16	60	51
36	40	49	61	64	67	74	77	81	81	24	22	12	59	53
36	40	57	65	64	62	65	65	68	86	1-2	33	15	53	62
67	67	68	75	80	81	81	86	80	89	6	36	13	53	70
41	43	54	66	72	74	83	63	59	86	1-2	40	15-16	46	64
72	76	85	91	94	95	97	98	97	98	23	57	4	41	79
38	40	53	70	79	81	77	78	80	97	varios	36	14	61	71
58	68	79	70	62	62	83	86	83	94	10-11	58	16	36	76
57	60	74	81	82	82	83	80	76	88	5	56	14	32	74
27	28	37	46	56	39	40	39	41	90	6	27	15,16	63	55
36	48	53	54	54	58	66	75	73	75	23	35	15-16	40	53
88	90	90	89	89	89	90	90	91	95	4,5	55	11	40	83
85	84	83	81	80	81	81	82	83	94	5,6	70	12,13	24	85
59	64	79	89	92	93	88	88	85	93	21	50	15-16	43	78
93	83	96	98	98	91	92	91	91	98	varios	61	11-12	37	88
81	77	76	85	91	95	96	96	96	98	varios	76	18	22	92
63	65	72	89	94	94	94	95	97	97	24	62	15-16	35	85
36	43	56	70	80	90	91	91	84	100	7,8	36	16	64	78
43	45	54	71	70	65	71	70	72	84	0	42	16-17	42	63
58	58	60	65	70	73	77	84	93	94	7,8	58	16,17	36	76
97	98	99	100	100	99	99	99	99	100	varios	72	13-14	28	94
93	95	96	98	100	100	99	97	95	100	varios	92	13,14	8	98
61	68	78	84	79	70	70	74	78	96	6-7	60	15-16	36	79
57	60	61	62	58	64	70	74	82	94	5	54	13	40	71
92	94	93	89	88	84	79	78	76	94	17	76	24	18	86
50	50	59	76	79	84	95	96	95	97	22-23	48	15-16	49	71
55	58	65	72	76	77	79	79	81	92		48		44	72

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.5	14.0	14.0	15.5	15.5	17.5	17.5	17.5	18.5	18.5	24	13.7	14	4.8	15.7
7.2	8.0	8.5	14.0	15.8	16.0	14.5	11.5	12.0	18.5	1	7.2	16	11.3	12.8
12.5	13.0	15.5	15.0	15.0	16.0	17.5	19.5	20.0	20.0	24	12.0	1	8.0	14.5
12.0	12.5	15.5	17.0	17.9	19.5	17.5	17.5	18.0	19.5	21	12.0	16	7.5	16.1
10.5	14.5	12.5	14.0	17.6	19.0	16.5	13.0	12.5	19.0	21	10.5	13,15,16	8.5	13.5
9.0	12.0	13.5	10.0	9.8	9.5	9.0	11.0	14.0	14.0	24	9.0	16	5.0	11.6
12.0	10.5	12.5	15.0	14.0	15.0	15.5	16.0	16.0	16.0	23,24	9.5	13	6.5	12.6
13.5	12.5	15.0	15.5	15.9	14.5	13.5	14.0	15.5	16.6	8	12.0	15	4.6	14.7
16.5	16.5	16.0	16.0	17.5	17.0	16.5	17.0	15.5	17.5	20	13.3	14	4.2	15.6
16.0	15.5	16.5	18.0	18.7	18.0	19.5	17.0	15.5	19.5	22	14.5	4	5.0	16.3
17.0	18.0	18.0	18.5	17.9	16.5	16.5	16.0	15.0	18.5	19	11.5	6,7	7.0	15.5
14.0	13.5	17.0	18.5	20.3	20.0	17.5	17.0	16.0	20.3	20	12.5	6	7.8	15.4
17.5	20.0	19.5	17.0	15.4	14.5	16.5	16.0	13.5	20.0	17	13.5	24	6.5	16.4
14.0	13.5	15.5	17.0	17.0	17.0	17.0	16.0	16.0	17.0	varios	11.5	7	5.5	14.1
11.5	10.5	12.5	14.0	15.6	10.5	11.0	10.5	11.5	17.0	4,5,7	10.5	17,21,23	6.5	14.2
15.5	14.5	13.5	12.5	12.5	12.5	14.5	15.5	15.5	17.0	10	10.5	1	6.5	14.1
17.5	17.5	16.5	16.0	16.0	15.5	15.0	15.0	15.5	19.5	9	15.0	22,23	4.5	17.6
13.0	12.0	12.0	11.5	12.9	13.0	13.0	11.5	11.0	18.5	11	11.0	24	7.5	14.3
14.5	15.0	14.5	17.5	19.0	18.5	17.5	17.0	16.5	19.0	20	10.0	varios	9.0	14.0
14.5	13.5	15.0	15.0	15.2	14.5	14.5	15.0	15.0	20.0	13	13.5	17	6.5	16.1
18.0	17.0	17.0	16.0	16.8	16.0	16.5	17.0	16.5	18.0	14,16	15.0	varios	3.0	16.4
14.0	14.0	15.0	15.0	16.0	14.0	13.5	13.0	13.0	19.0	6,7	13.0	23,24	6.0	15.2
9.0	9.5	11.0	10.5	11.8	11.5	12.5	13.5	13.0	15.8	8	9.0	16	6.8	12.5
10.5	10.0	10.5	12.5	11.8	15.5	17.5	16.0	16.0	17.5	22	10.0	4,17	7.5	12.1
11.0	10.5	10.0	9.5	10.1	9.5	9.5	9.0	9.5	15.5	10	9.0	23	6.5	11.9
14.0	13.0	12.5	12.5	12.9	12.0	12.0	12.0	12.0	14.0	16	9.0	varios	5.0	11.2
18.0	18.0	18.5	17.5	17.4	16.0	15.0	14.0	12.5	18.5	18	12.0	varios	6.5	15.0
11.0	11.5	12.0	12.0	11.2	8.5	8.0	8.0	8.0	12.0	varios	8.0	22,23,24	4.0	10.8
8.0	7.6	7.8	7.6	7.2	7.0	7.0	7.2	7.8	9.5	10	7.0	21,22	2.5	8.1
10.0	10.0	9.5	9.0	9.2	8.0	7.8	7.8	7.6	10.0	varios	7.4	1,2	2.6	8.6
6.4	6.4	7.0	8.0	7.3	7.4	8.0	7.6	7.0	8.0	19,22	6.4	16,17	1.6	7.1
13.0	13.0	13.7	14.1	14.6	14.2	14.1	13.8	13.7	16.9		10.9		6.0	13.7

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	NE	2	NE	5	S	7	SE	9	SE	10	SE	11	SE	12	SE	14	SE	12	SE	14	SE	12	SE	14	E	13	NE	13	NE	13
2	NE	8	NE	11	NE	9	NE	8	NE	10	NE	10	NE	9	NE	12	N	18	N	15	NE	17	NE	15	NE	15	NE	16	NE	14
3	NE	22	NE	19	NE	18	NE	15	NE	14	NE	12	NE	17	NE	20	NE	21	NE	16	NE	17	NE	16	NE	17	NE	16	NE	12
4	SE	3	SE	6	NE	11	NE	12	NE	13	NE	6	SE	6	SE	5	SE	3	E	4	NE	8	NE	10	NE	12	NE	10	E	8
5	E	9	NE	13	NE	14	NE	12	NE	10	NE	11	NE	11	NE	18	N	20	N	15	NW	15	N	18	NE	15	N	16	NE	15
6	NE	11	NE	15	NE	17	NE	14	NE	15	NE	10	NE	13	NE	16	N	16	N	18	NW	16	NW	17	NW	12	NW	12	NE	10
7	N	7	N	6	N	7	N	9	N	10	N	6	N	8	NW	11	NW	11	NW	15	NW	22	NW	17	SW	12	SE	15	SE	14
8	SE	9	SE	10	SE	9	SE	7	SE	8	SE	4	SE	4	SE	3	E	9	E	12	E	11	E	11	E	11	NE	11	NE	9
9	E	11	NE	10	NE	7	NE	9	N	7	N	4	N	4	SW	8	SW	9	SW	9	S	9	S	7	SE	7	SE	9	E	15
10	SE	4	SE	8	E	10	E	12	E	12	E	11	E	13	E	15	E	23	E	17	E	18	E	15	NE	13	NE	10	NE	9
11	N	15	N	15	N	10	SW	13	SW	11	SW	9	S	4	NE	9	NW	22	N	18	SE	5	SE	4	W	3	W	7	W	14
12	C	0	SE	3	SE	4	E	4	C	1	W	2	W	2	C	0	NE	12	N	17	N	15	N	17	N	16	N	18	N	19
13	N	5	N	7	N	7	N	10	N	11	N	16	N	16	SW	12	S	10	SW	8	W	12	NW	13	N	11	W	6	W	7
14	SE	10	SE	11	SE	8	SE	7	SE	7	SE	7	SE	9	SE	12	SE	15	E	19	E	22	E	21	E	20	E	20	E	18
15	E	16	E	16	E	16	E	17	E	19	E	19	E	19	NE	22	N	28	N	25	N	29	N	29	N	28	N	29	N	30
16	N	21	NE	17	N	19	N	17	N	18	N	16	N	17	N	24	N	28	NW	28	NW	28	NW	33	NW	34	NW	32	NW	23
17	E	15	E	15	E	7	E	5	E	3	N	10	N	13	N	20	N	27	NW	29	NW	27	SW	14	SE	8	SE	8	SE	10
18	S	5	S	6	SE	5	SE	4	SE	3	SE	3	SE	3	SE	6	SE	6	NE	13	N	13	NE	16	NE	11	S	6	SW	17
19	S	4	C	1	C	1	SW	2	S	2	S	4	S	3	E	2	NE	4	NE	3	NE	3	E	5	E	10	E	13	E	16
20	NE	13	NE	14	N	14	N	15	N	13	N	13	NE	10	NE	12	NE	13	NE	14	SE	17	SE	19	SE	15	S	25	SE	25
21	E	2	S	3	S	6	S	7	S	8	S	3	S	5	S	4	S	6	S	6	S	5	S	5	S	3	S	5	S	3
22	C	1	C	1	S	3	C	1	SW	4	S	3	C	1	SE	2	S	3	S	6	S	7	S	8	S	8	S	8	S	8
23	C	1	C	1	E	2	C	0	S	2	S	2	S	2	S	2	E	2	E	5	E	7	E	11	E	10	E	13	E	13
24	E	9	E	10	NE	10	NE	11	NE	11	N	10	N	12	N	14	NE	17	NE	19	NE	22	NE	22	NE	17	NE	18	NE	18
25	N	11	N	11	N	10	N	8	SW	11	SW	7	W	4	NE	8	W	8	W	14	W	15	SW	16	SW	17	S	20	S	14
26	SE	7	SE	5	S	4	S	3	S	4	S	5	SE	5	SE	5	SE	7	S	4	S	3	E	7	E	7	E	6	E	5
27	S	4	S	3	S	4	SE	4	SE	4	S	3	S	3	S	2	E	3	SE	2	E	2	N	4	N	3	E	4	W	2
28	SE	8	SE	7	S	4	S	4	S	4	S	6	S	8	S	8	SE	6	SE	8	SE	7	SE	10	SE	8	SE	7	SE	5
29	SE	6	S	5	S	3	S	6	C	0	S	5	SE	9	SE	9	SE	12	SE	14	SE	18	SE	15	SE	12	SE	18	SE	16
30	S	14	S	11	S	13	S	9	S	11	S	15	S	16	S	10	S	16	S	14	S	14	S	15	S	14	S	11	S	13
31	S	8	S	9	S	9	S	8	S	9	S	6	S	4	S	5	SW	3	SW	3	SW	8	SW	5	SW	13	SW	13	SW	7
DIR. PREV.	SE		NE		S		NE		S		S		S		SE-NE		SE		N		NE-E-SE-S-NW		E		NE		NE		NE	
Nº de HORAS	17		8		9		7		7		10		8		8		7		6		5		6		7		7		8	
PROM. HOR. DE LA VELOC.		8		9		9		8		8		8		8		10		12		13		14		14		13		13		13

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
NE	11	NE	10	NE	6	NE	2	SE	5	SE	5	SE	6	SE	8	E	8	SE	13	9	21	SE	7.05
NE	14	E	15	E	14	E	16	E	13	E	9	E	8	NE	17	NE	23	NE	16	13	22	NE	23.39
NE	11	NE	14	NE	8	E	5	E	6	E	7	E	9	E	9	E	8	NE	18	14	28	NE	0.17
E	9	E	6	NE	4	NE	8	NE	9	E	12	E	11	E	11	E	10	NE	11	8	14	NE	12.33
N	17	NE	18	NE	12	E	10	E	8	E	9	NE	6	NE	10	NE	9	NE	14	13	22	N	15.50
NE	15	NE	13	N	12	N	8	N	8	N	7	N	6	NE	6	N	6	NE	12	12	20	NW	11.38
SE	19	SE	19	SE	16	SE	14	SE	11	SE	11	SE	8	SE	6	SE	7	SE	11	12	26	W	10.58
NE	8	NE	10	NE	11	E	11	SE	11	SE	18	SE	6	SE	13	E	16	SE	12	10	21	E	20.16
E	12	SE	11	SE	9	SE	5	SE	4	SE	5	SE	3	SE	4	SE	7	SE	10	8	21	W	7.05
E	4	E	6	E	11	E	9	E	8	E	8	E	7	NE	13	N	18	E	17	11	25	E	8.54
W	11	W	5	SW	3	C	1	C	0	C	0	C	0	N	2	C	0	N-W-C	5	8	33	W	8.14
N	21	N	20	N	13	N	7	NE	7	N	4	N	6	N	8	N	6	N	14	9	27	N	14.12
SW	4	SW	2	C	0	C	1	SE	8	SE	10	SE	13	SE	16	SE	14	N	8	9	32	W	10.01
E	19	E	18	E	15	E	17	E	15	E	13	SE	9	SE	13	E	16	E	13	14	28	E	12.04
N	23	N	20	N	12	NE	7	NE	9	NE	14	NE	18	NE	25	NE	23	N	10	20	38	N	11.30
NW	17	NW	18	S	16	S	12	SE	11	SE	7	SE	8	SE	10	E	11	N-NW	8	19	50	NW	13.13
SE	9	SE	3	S	5	S	4	S	3	S	2	S	6	S	5	S	5	S	7	10	44	NW	9.57
S	13	E	21	E	20	E	9	E	10	E	9	E	8	S	5	S	4	SE	7	9	36	SW	14.36
E	16	E	10	E	9	E	9	E	8	E	9	E	11	E	9	NE	13	E	13	7	30	E	14.11
SE	19	E	22	SW	19	SW	9	SE	7	SE	16	E	11	E	9	SE	8	SE	8	15	60	S	13.38
SW	3	S	6	S	3	C	1	C	1	SE	3	E	2	SE	3	S	4	S	17	4	22	S	4.26
S	6	S	5	S	3	C	1	E	2	C	0	C	0	C	0	C	0	S	12	3	26	S	12.01
E	13	E	11	E	8	E	4	E	4	E	4	SE	3	SE	7	SE	10	E	14	6	28	E	14.12
NE	19	N	18	N	9	N	4	N	6	N	12	N	17	N	21	N	16	NE-N	11	14	38	NE-N	13.20 13.44
S	13	S	11	S	7	SE	6	SE	9	SE	8	SE	5	S	3	S	3	S	7	10	48	S	12.56
SE	2	E	5	E	7	E	5	NE	5	E	5	S	4	E	4	SE	3	E	9	5	20	SE	8.38
W	3	S	3	S	3	S	6	SW	9	SW	7	SW	9	SW	9	S	10	S	10	4	28	SW	21.32
SE	8	S	5	S	2	SE	2	SE	7	SE	10	SE	8	SE	6	SE	6	SE	16	6	26	SE	20.10
SE	15	SE	14	SE	8	SE	12	SE	18	SE	14	SE	12	SE	15	S	11	SE	24	11	46	SE	19.27
S	13	S	8	S	11	S	11	S	10	S	10	S	11	S	7	S	9	S	24	12	42	S	8.59
SW	2	SW	2	SW	4	SW	2	SW	3	SW	2	C	0	C	0	C	0	SW	13	5	36	S-SW	12.24
NE-SE-E		E		S		E		SE		SE		SE		SE		SE-S		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		72 Km.		
6		9		8		10		10		11		11		11		7		SE	151	10	DIREC.	DÍA	HORA
	12		11		9		7		8		7		8		9		9				N	15	de 13.55 a 14.00
																					NW	16	de 13.55 a 14.00
																					E	20	de 15.55 a 16.00

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			8	62	2	21	13	132	1	7								222
2	2	33	16	208	6	75												316
3			18	285	6	44												329
4			11	103	8	71	5	23										197
5	5	86	14	174	4	36									1	15		311
6	8	81	12	155											4	57		293
7	7	53					11	140			1	12			5	76		281
8			5	49	7	81	12	102										232
9	3	15	3	26	3	38	10	64	2	16	3	26						185
10	1	18	4	45	17	199	2	12										274
11	5	60	1	9			2	9	1	4	4	36	5	40	1	22	5	181
12	14	187	2	19	1	4	2	7					2	4			3	222
13	8	83					5	61	1	10	4	26	3	25	1	13	2	219
14					13	233	11	108										341
15	10	253	7	118	7	122												493
16	8	160	1	17	1	11	4	36	2	28					8	213		465
17	4	70			5	45	5	38	7	30	1	14			2	56		253
18	1	13	3	40	6	77	7	30	6	39	1	17						216
19			4	23	13	127			4	13	1	2					2	167
20	4	55	6	76	3	42	8	126	1	25	2	28						352
21					2	4	2	6	17	82	1	3					2	97
22					1	2	1	2	12	68	1	4					9	81
23					14	107	3	20	4	8							3	137
24	11	139	11	184	2	19												342
25	4	40	1	8			4	28	7	71	4	51	4	41				239
26			1	5	9	51	7	34	7	27								117
27	2	7			3	9	3	10	10	41	4	34	2	5				106
28							16	113	8	41								154
29							18	237	5	30							1	267
30									24	286								286
31									8	58	13	67					3	125
SUMAS	97	1353	128	1606	133	1418	151	1338	127	884	40	320	16	115	22	452	30	7500
% PREVAL POR VELOCIDAD	18.0		21.4		19.0		18.0		11.8		4.3		1.5		6.0		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		12		11		9		7		8		7		20		0.5	242

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	5	6	7	5				3
1 - 2	4	8	3	7	6				3
2 - 3	6	7	4	4	9				1
3 - 4	5	7	4	5	6	2			2
4 - 5	5	6	3	5	7	3			2
5 - 6	7	5	2	4	10	2	1		
6 - 7	6	5	2	7	8		2		1
7 - 8	3	8	2	8	6	2		1	1
8 - 9	6	5	4	7	4	2	1	2	
9 - 10	6	5	5	4	4	3	1	3	
10 - 11	3	5	5	5	5	1	2	5	
11 - 12	4	5	6	5	4	3		4	
12 - 13	4	7	6	5	3	3	1	2	
13 - 14	3	7	5	5	6	1	2	2	
14 - 15	2	8	6	5	4	2	3	1	
15 - 16	3	6	6	6	4	3	2	1	
16 - 17	3	5	9	4	6	2	1	1	
17 - 18	4	5	7	3	8	3			1
18 - 19	3	3	10	5	4	2			4
19 - 20	2	4	9	10	2	2			2
20 - 21	3	1	10	11	2	2			2
21 - 22	3	2	8	11	3	1			3
22 - 23	3	5	5	11	4	1			2
23 - 24	4	4	6	7	7				3
SUMAS	97	128	133	151	127	40	16	22	30
% de frec. por dirección	13.0	17.2	18.0	20.3	17.1	5.4	2.2	3.0	4.0

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	30.0	25.6	0.36	7	0	3	B.
	10	44.0	31.6	1.01	8	3	3	B.
	12	47.5	34.0	1.10	8	3	3	B.
	14	54.0	38.2	1.28	8	5	4	B.
	15	42.0	34.5	0.61	6	3	4	B.
2	9	48.0	32.0	1.30	0	5	5	
	10	51.4	35.5	1.29	0	5	5	
	12	54.4	37.9	1.34	0	5	5	
	14	55.6	39.5	1.31	0	5	5	
	15	54.4	39.0	1.25	0	5	5	
3	9	47.1	30.0	1.39	0	5	5	
	10	50.0	33.0	1.38	0	5	5	
	12	53.7	36.4	1.41	0	5	5	
	14	53.6	38.0	1.27	0	5	5	
	15	53.5	38.0	1.26	0	5	5	
4	9	47.6	31.9	1.28	2	5	5	
	10	51.2	34.6	1.35	2	5	5	
	12	53.0	37.0	1.30	5	5	5	
	14	47.6	35.8	0.96	7	4	5	
	15	54.0	38.5	1.26	5	4	5	
5	9	48.0	31.8	1.32	0	5	5	
	10	51.2	34.2	1.38	0	5	5	
	12	55.5	38.2	1.41	0	5	5	
	14	54.5	38.5	1.30	0	5	5	
	15	54.0	38.0	1.30	0	5	5	
6	9	47.0	30.8	1.32	8	5	5	
	10	48.6	33.0	1.27	8	5	5	
	12	56.5	39.2	1.41	8	5	5	
	14	56.2	40.2	1.30	8	5	5	
	15	53.5	39.5	1.14	8	5	5	
7	9	34.0	29.0	0.41	6	0	2	B.
	10	54.6	38.4	1.32	5	4	2	B.
	12	53.8	40.3	1.10	5	3	3	B.
	14	44.6	36.5	0.66	6	3	3	B.
	15	52.4	38.2	1.15	6	4	4	B.
8	9	46.0	31.5	1.18	1	5	4	B.
	10	47.7	33.2	1.18	2	5	4	B.
	12	52.0	35.3	1.36	2	5	4	B.
	14	53.6	37.4	1.32	2	5	4	B.
	15	52.0	37.0	1.22	2	5	4	B.
9	9	40.5	30.0	0.85	7	2	4	B.
	10	37.4	29.5	0.64	7	0	4	B.
	12	36.8	29.0	0.63	7	0	4	B.
	14	41.0	33.0	0.65	8	0	5	
	15	34.5	27.5	0.57	8	4	4	B.
10	9	46.5	31.0	1.26	5	5	5	
	10	49.4	33.0	1.33	5	5	5	
	12	52.0	35.0	1.38	8	5	5	
	14	45.0	33.8	0.91	8	3	4	B.
	15	51.7	37.2	1.18	8	5	5	
11	9				8	0	4	Z.
	10				8	0	4	Z.
	12				8	0	3	Am.
	14				8	0	3	Am.
	15	31.8	25.6	0.50	8	1	4	
12	9	45.0	29.5	1.26	0	5	5	
	10	48.5	32.2	1.33	0	5	5	
	12	53.0	37.0	1.30	0	5	5	
	14	52.2	37.5	1.20	1	5	5	
	15	51.5	37.5	1.14	0	5	5	
13	9	23.4	23.0	0.03	6	0	4	B.
	10				8	0	4	LL.,B.
	12				8	0	4	Am.
	14	37.2	28.2	0.73	7	0	4	
	15	50.0	34.2	1.28	4	5	5	
14	9	40.0	25.7	1.16	4	5	3	B.
	10	43.5	28.0	1.26	3	5	4	B.
	12	47.7	30.7	1.38	3	5	4	B.
	14	46.4	30.6	1.28	0	5	4	B.
	15	44.5	29.6	1.21	0	5	4	B.
15	9	46.5	31.4	1.23	0	5	5	
	10	50.0	34.2	1.28	0	5	5	
	12	53.3	37.5	1.28	0	5	5	
	14	55.0	39.5	1.26	0	5	5	
	15	53.5	39.5	1.14	0	5	5	
16	9	48.5	33.1	1.25	0	5	5	
	10	51.6	35.3	1.33	0	5	5	
	12	54.7	39.4	1.24	0	5	5	
	14	54.0	39.3	1.20	2	5	4	B.
	15	52.3	38.7	1.10	3	5	4	B.
17	9	45.6	32.8	1.04	6	4	5	
	10	49.8	35.8	1.14	7	0	4	B.
	12	43.7	30.8	1.05	7	0	4	B.
	14	28.2	25.8	0.20	8	0	3	B.
	15				8	0	3	Am.
18	9	29.8	24.0	0.47	8	0	4	B.
	10	46.0	29.5	1.34	3	5	5	
	12				8	0	4	B.,Am.
	14				8	0	3	B.,LL.
	15				8	0	3	B.,LL.
19	9	42.3	25.8	1.34	2	5	4	B.
	10	45.0	28.0	1.38	4	5	5	
	12	46.0	30.8	1.24	4	3	2	B.
	14	49.0	32.0	1.38	4	5	5	
	15	45.8	30.6	1.24	3	5	5	
20	9	47.0	30.6	1.33	5	3	5	
	10	37.5	28.5	0.73	6	3	5	
	12				8	0	5	Am.
	14				8	0	2	B.,LL.
	15				8	0	2	B.,LL.
21	9	24.3	20.6	0.30	8	0	4	B.
	10	24.6	21.3	0.27	8	0	4	B.
	12	27.4	23.4	0.32	8	0	4	B.
	14	30.0	24.6	0.44	8	0	4	B.
	15	29.2	24.6	0.37	8	0	4	B.
22	9	44.8	26.0	1.53	7	5	5	
	10	41.2	26.0	1.24	6	5	4	B.
	12	46.0	29.3	1.36	5	5	4	B.
	14	47.2	29.7	1.42	2	5	4	
	15	44.5	29.0	1.26	1	5	5	
23	9	44.5	27.0	1.42	6	3	4	B.
	10	44.5	28.5	1.30	2	4	2	B.
	12	47.3	30.5	1.36	1	5	4	B.
	14	46.5	30.3	1.32	0	5	5	
	15	45.5	29.5	1.30	0	5	5	
24	9	42.0	26.0	1.30	0	5	5	
	10	45.5	38.5	0.57	0	5	5	
	12	48.6	31.3	1.41	0	5	5	
	14	47.0	31.0	1.30	0	5	5	
	15	46.0	30.5	1.26	0	5	5	
25	9	28.5	21.4	0.58	8	1	4	B.
	10	35.8	25.0	0.88	7	1	4	B.
	12	43.4	28.0	1.25	8	3	5	
	14	42.0	26.6	1.25	8	4	5	
	15	34.2	24.6	0.78	6	4	5	
26	9	21.0	16.5	0.36	8	0	4	
	10				8	0	4	B.,Z.
	12				8	0	4	B.,Z.
	14				8	0	4	B.,Z.
	15				8	0	4	B.,Z.
27	9				8	0	1	N.,Z.
	10				8	0	1	N.,Z.
	12				8	0	1	Z.
	14	24.5	22.0	0.20	8	0	1	
	15	23.0	21.8	0.10	8	0	4	B.
28	9	27.5	18.5	0.73	7	2	5	
	10	25.0	18.8	0.50	7	2	5	
	12	29.3	21.0	0.67	8	3	5	
	14	24.6	20.3	0.35	8	2	5	
	15	35.7	24.3	0.93	8	4	5	
29	9	24.9	17.0	0.64	6	3	5	
	10	45.7	23.9	1.77	6	5	5	
	12	27.6	19.9	0.63	8	0	5	
	14	29.0	20.0	0.73	8	3	5	
	15	23.7	17.3	0.52	8	0	5	
30	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	5	LL.
	14				8	0	4	LL.
	15				8	0	4	LL.
31	9	24.2	15.0	0.75	8	2	5	
	10	26.1	16.2	0.80	8	2	5	
	12	41.3	22.1	1.56	5	5	5	
	14	32.4	20.0	1.01	6	5	5	
	15	31.4	20.0	0.93	6	3	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		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.9	12.7	86
2			0.7		0.6	0.3	0.4	1.0	1.0	0.5	0.8	1.0	0.7		7.0	12.7	55
3		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.6	12.7	91
4		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.3	1.0	0.3		10.1	12.6	80
5		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.9	12.6	94
6		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	12.5	90
7			0.5	0.7	1.0	1.0	1.0	0.8	0.6	0.8	1.0	0.6			8.0	12.5	64
8			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		9.9	12.5	79
9		0.7		0.3	0.3	0.2		0.4				0.1	0.1		2.1	12.4	17
10			0.8	1.0	1.0	1.0	1.0	0.2		0.7	1.0	0.6	0.1		7.4	12.4	60
11															0.0	12.4	00
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		11.3	12.3	92
13									0.1	0.6	0.6				1.3	12.3	11
14		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.3	12.3	84
15		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.7	12.2	88
16			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7			9.6	12.2	79
17		0.3	0.2	0.7	0.8	1.0	0.2	0.7	0.2						4.1	12.1	34
18					0.5	1.0	0.4								1.1	12.1	16
19		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.5	12.1	87
20			0.3	0.6	0.9		0.7								2.5	12.0	21
21											0.1	0.6	0.3		1.0	12.0	08
22			0.2	0.3	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5		8.9	12.0	74
23			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.3	11.9	87
24		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	11.9	92
25						0.2	0.9	1.0	0.7	1.0	0.9	1.0	0.1		5.8	11.4	49
26		0.2						0.3							0.5	11.8	04
27															0.0	11.8	00
28			0.3	0.6	0.1					0.1	0.9	0.4	0.4		2.8	11.7	24
29		0.2	0.7	0.9	0.8	0.3	0.3		0.3	0.1	0.3				3.9	11.7	33
30															0.0	11.7	00
31						0.8	1.0	0.8	0.9	0.9	0.8	1.0	0.4		6.6	11.6	57
Medias		0.2	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.3		6.5	12.2	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	24.0	30.0	27.6	24.6	26.7	26.8	23.6	24.0	24.6	24.3	24.0	24.5	27.2	27.1	26.8
2	24.4	31.6	28.6	24.7	27.8	27.5	23.6	24.2	25.0	24.0	24.2	24.6	27.2	27.2	27.2
3	24.7	31.6	27.7	25.0	27.8	27.7	24.4	24.4	25.6	24.6	24.6	25.2	27.5	27.5	27.5
4	25.0	32.0	29.3	25.2	28.4	28.1	24.2	25.0	25.8	24.6	24.6	25.4	27.7	27.7	27.7
5	24.8	31.6	28.8	25.4	28.2	27.8	24.4	25.0	25.6	25.0	25.0	25.0	27.9	27.9	27.9
6	24.4	31.6	28.6	25.0	28.0	27.8	24.4	24.8	25.8	25.0	25.0	25.4	28.0	28.0	27.8
7	25.0	30.6	28.4	25.1	27.7	27.4	24.5	24.8	25.5	25.2	25.6	25.5	28.1	27.9	27.8
8	25.6	32.2	29.2	25.5	28.4	28.1	24.5	25.2	26.0	25.2	25.2	25.6	28.0	28.0	28.0
9	25.6	29.4	27.6	25.7	27.1	27.0	24.9	25.0	25.3	25.6	25.2	25.3	28.2	28.1	28.0
10	24.8	30.6	28.1	25.1	27.6	27.8	24.0	24.4	25.6	24.6	24.6	25.3	27.9	27.8	27.8
11	26.0	25.0	25.0	25.8	26.2	25.3	24.6	24.0	24.0	25.0	24.6	24.7	27.9	27.3	27.3
12	22.0	28.8	26.7	23.0	26.2	26.2	22.4	23.0	24.2	23.6	23.4	24.2	26.9	26.8	26.6
13	24.0	24.6	26.0	24.3	24.2	25.4	23.4	23.0	23.6	24.0	23.6	23.8	26.8	26.8	26.8
14	21.4	27.2	24.9	22.7	25.1	24.8	22.2	22.4	23.4	23.2	23.0	23.6	26.5	26.4	26.3
15	23.3	28.8	26.5	23.5	25.9	27.9	22.7	23.2	24.0	23.6	23.6	23.8	26.5	26.5	26.4
16	23.6	29.4	26.7	23.9	26.4	26.3	23.2	23.6	24.4	23.8	23.8	24.1	26.6	26.6	26.5
17	21.6	28.0	24.9	24.7	26.2	25.2	23.2	23.6	23.8	24.0	23.8	24.0	26.7	26.7	26.7
18	22.0	25.0	21.8	23.0	24.4	22.5	22.2	22.2	21.9	23.2	23.0	22.8	26.5	26.4	26.3
19	20.0	26.6	24.3	21.0	24.1	24.0	20.6	21.2	22.5	22.0	21.8	20.4	25.8	25.6	25.6
20	22.6	21.4	20.6	22.9	21.8	21.6	21.6	20.8	19.7	22.2	21.9	21.2	25.7	25.4	25.2
21	20.2	22.4	22.7	20.5	21.6	22.2	19.4	19.8	20.6	20.4	20.4	20.8	24.3	24.2	24.2
22	21.0	25.8	23.4	21.0	23.5	23.3	20.2	20.8	21.6	21.0	21.1	21.6	24.2	24.2	24.2
23	21.0	25.4	20.4	20.8	23.3	22.7	20.4	20.8	21.4	21.4	21.4	21.5	24.5	24.4	24.4
24	19.4	24.0	22.2	20.4	22.5	22.3	19.8	20.0	21.0	21.0	20.8	21.2	24.4	24.2	24.2
25	20.0	23.6	21.6	24.0	22.0	21.8	19.6	20.0	21.6	20.6	20.6	21.9	24.2	24.2	24.0
26	18.2	20.2	19.4	19.2	19.9	19.5	19.0	18.8	18.6	20.2	20.0	19.8	23.8	21.6	23.4
27	19.0	21.0	21.6	19.2	20.2	20.8	18.0	18.4	19.0	19.0	19.0	19.6	22.9	22.8	22.8
28	19.0	20.4	20.2	20.4	20.0	20.2	18.4	18.4	18.8	19.4	19.4	19.6	22.8	22.8	22.7
29	17.0	19.8	18.7	17.8	19.0	18.7	17.8	17.8	17.8	19.0	18.8	18.7	22.6	22.5	22.2
30	16.2	16.4	16.6	16.8	16.8	16.6	16.7	16.4	16.2	18.2	17.9	17.6	22.0	21.8	21.4
31	15.0	18.6	16.8	15.6	17.3	17.1	15.0	15.8	16.2	16.8	15.9	17.1	21.0	20.9	20.7
Prom.	22.0	26.2	24.4	22.6	24.3	24.2	21.7	22.0	22.6	22.6	22.4	22.7	25.8	25.7	25.6

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	1.7	2.6	2.5	6.8							-
2					0	1.7	4.2	3.8	9.4							-
3					0	1.4	3.6	4.0	9.0	Q. 8	4.8	6.0	12.6			-
4					0	1.4	0.4	3.1	6.0							-
5					0	2.5	4.6	1.7	8.5							-
6					0	2.2	4.0	4.2	9.4							-
7					0	1.2	4.7	3.3	9.2							-
8					0	1.2	2.8	2.0	6.6	Q. 9	5.3	6.7	15.3			-
9					0	1.8	2.3	3.0	5.5							-
10					0	0.2	2.8	0.1	5.8							-
11	7.7	8.5	8.0	7.4	0	2.9	0.4	0.7	1.5							-
12					1	0.4	2.7	3.4	7.5							-
13	5.0	5.3	4.6	4.8	1	1.4	0.6	1.3	3.2	Q. 10	9.6	8.7	13.7	17.1		-
14					1	1.3	1.6	1.2	4.7							-
15					0	1.9	4.5	4.6	11.5							-
16					0	2.4	4.9	3.9	9.1							-
17	1.8	2.0	1.4	1.7	0	0.3	2.0	0.5	2.9							-
18	20.6	22.8	20.7	20.0	1	0.4	1.1	0.4	1.9	Q. 11	9.5	8.3	13.2			-
19	1.1	1.8	0.8	1.2	1	0.4	1.2	1.5	4.2							-
20	122.4	122.0	110.1	117.4	2	1.5	0.9	0.2	1.3							-
21					2	0.2	0.4	0.5	1.0							-
22					2	0.1	0.7	1.1	2.0							11375
23					1	0.2	1.4	2.1	4.7	Q. 12	20.9	19.4	23.2			11377
24	3.3	3.6	3.0	3.1	1	1.2	2.7	2.6	7.2							11382
25					1	1.9	1.0	0.4	2.0							11383
26	17.8	19.0	17.9	18.0	0	0.6	0.8	0.0	1.0							11387
27	3.3	4.4	4.3	4.6	2	0.2	0.0	0.1	0.5							11389
28					2	0.4	0.5	1.0	2.7	Q. 13	21.3	21.7	23.4			11389
29	5.0	5.7	5.0	4.8	2	1.2	1.1	1.1	3.1							11394
30	4.4	4.5	4.2	4.0	2	0.9	0.4	0.4	1.9							11399
31					2	1.1	1.4	1.3	3.2							11405
Prom.	192.4	199.6	180.0	187.0	-	1.1	2.0	1.8	4.9	-	-	-	-	-	-	-

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
26.1	26.1	25.8	24.5	24.5	24.5	22.2	20.0	17.2	Cn. m. y t., Ca. n., B. t. y n., Ne. m.
26.0	26.3	26.0	24.5	24.5	24.5	22.0	20.0	17.0	Ca. m. t. y n.
26.6	26.6	26.3	24.5	24.5	24.5	22.0	20.0	17.2	Ca. m. y t., Cn. n.
26.6	26.6	26.6	24.8	24.8	24.8	22.3	20.5	16.2	Ca. m., Cn. t. y n.
26.6	26.8	26.6	24.8	24.8	24.8	22.3	20.5	19.5	Ca. m. t. y n.
26.7	26.9	26.7	24.8	24.8	24.8	22.5	20.5	15.5	Cn. m. y t., Ca. n.
27.0	27.0	26.8	24.8	24.8	24.9	22.3	20.4	15.1	Cn. m. t. y n., B. m. y t.
26.8	27.1	26.8	24.9	24.9	25.0	22.3	20.4	18.5	Cn. m. y n., Ca. t., Ne. m., R. n.
27.0	27.1	26.8	25.0	25.0	25.0	22.3	20.4	18.8	Cn. m. t. y n, Ne. m. y n, Dl. n, B. t.
26.8	26.8	26.6	25.1	25.1	25.1	22.5	20.5	16.0	Ca. m., Cn. t. y n., Dl. n.
26.7	26.7	26.6	25.1	25.1	25.1	22.5	20.5	6.5	Cn. m. t. y n, Ne. m. y t, Ns. m, Z. CH. m.
26.3	26.2	26.0	25.1	25.1	25.1	22.5	20.5	15.9	Ca. m. y n., Cn. t., Ns. m., r. n.
26.4	26.2	26.3	25.1	25.1	25.1	22.5	20.5	17.2	Cn. m. t. y n., r. m, Ru. LL. m, Ru. n.
25.7	25.7	25.7	25.1	25.1	25.1	22.5	20.5	13.4	Cn. m. t. y n., B. t.
25.8	25.8	25.6	25.0	25.0	25.0	22.5	20.5	17.8	Ca. m. t. y n.
25.8	25.9	25.7	24.9	24.9	24.9	22.6	20.6	17.2	Ca. m. y n., Cn. t., B. t.
26.0	26.0	25.9	24.8	24.8	24.8	22.6	20.6	18.5	Cn. m. t. y n., Ru. t, LL. Z. t, R. n.
25.7	25.7	25.4	24.8	24.8	24.8	22.6	20.5	15.0	Cn. m. t. y n., Ne. m. t. y n.
25.0	24.8	24.7	24.7	24.7	24.6	22.6	20.6	11.2	Ca. m., Cn. t. y n., r. m. y n, Ru. CH. n.
24.7	24.5	24.0	24.6	24.6	24.5	22.6	20.6	17.8	Cn. m. t. y n, Ne. m. t. y n, Z. LL. Tv. Ru. t, LL. Ru. n.
23.5	23.4	23.6	23.8	24.0	24.0	22.5	20.6	14.3	Cn. m. y t., Ca. n., r. n.
23.3	23.3	23.2	23.9	23.9	23.8	22.5	20.6	12.4	Cn. m., Ca. t. y n., r. m. y n.
23.3	23.4	23.4	23.7	23.7	23.8	22.5	20.6	10.9	Ca. m. t. y n., r. m. y n.
23.4	23.5	23.4	23.7	23.7	23.6	22.6	20.5	10.5	Ca. m. t. y n., r. m. y n.
23.2	23.5	23.2	23.7	23.7	23.6	22.5	20.6	12.2	Cn. m. y t., Ca. n., CH. m.
23.0	22.8	22.6	23.3	23.3	23.3	22.6	20.6	6.5	Cn. m. t. y n; Ne. m, LL. m. t. y n, R. n.
22.3	22.2	21.9	23.2	23.2	23.2	22.5	20.5	-	Cn. m. t. y n, N. m, Ne. t, LL. m. y t, Ru. CH. n.
21.8	21.6	21.7	23.2	23.2	23.1	22.6	20.6	11.5	Cn. m. y n., Ca. t., r. n.
21.6	21.6	21.3	22.9	22.8	22.7	22.5	20.7	5.5	Cn. m. t. y n., r. m. y n., Ru. n., LL. n.
21.2	21.0	20.7	22.7	22.6	22.5	22.5	20.7	7.5	Cn. m. t. y n., LL. m. y t., Z. n.
20.3	20.2	20.0	22.2	22.2	22.1	22.5	22.5	6.8	Cn. m. y t., Ca. n.
24.9	24.9	24.7	24.3	24.3	24.3	22.4	20.5	14.0	

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	55.7	61.2	4	9	49.5	9	4	26.4	34.0	20.1	37.2	7	12-13	18.2	6	6-7	9.0	12.6	72
2ª	54.6	61.9	14	10,11	47.4	17	14-15	23.4	30.0	18.0	35.6	16	15	13.7	19	5	6.2	12.2	51
3ª	60.0	64.8	29;30	8;23-24	52.9	27	17	17.2	21.2	12.8	26.5	24	14-15	7.3	31	24	4.6	11.8	39
MES	56.8	64.8	29;30	8;23-24	47.4	17	14-15	22.2	28.2	16.8	37.2	7	12-13	7.3	31	24	6.5	12.3	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	60	96	4	20	2	14.3	20.0	7.2	NE	12	60	2	23	2,10	23-24 8-9	28	NE	3	0.17	-	-	-	-	-	-
2ª	79	98	11,20	27	15	15.2	20.3	10.0	N	16	72	15, 16,20	34	16	12-13	60	S	20	13.38	162.4	122.0	20	60.6	20	13-14
3ª	81	100	varios	36	23	11.7	19.0	6.4	S	7	60	24	22	24	10-11 11-12	48	S	25	12.56	37.2	19.0	26	6.0	26	17-18
MES	72	100	varios	20	2	13.7	20.3	6.4	SE	9	72	15, 16, 20	34	16	12-13	60	S	20	13.38	199.6	122.0	20	60.6	20	13-14

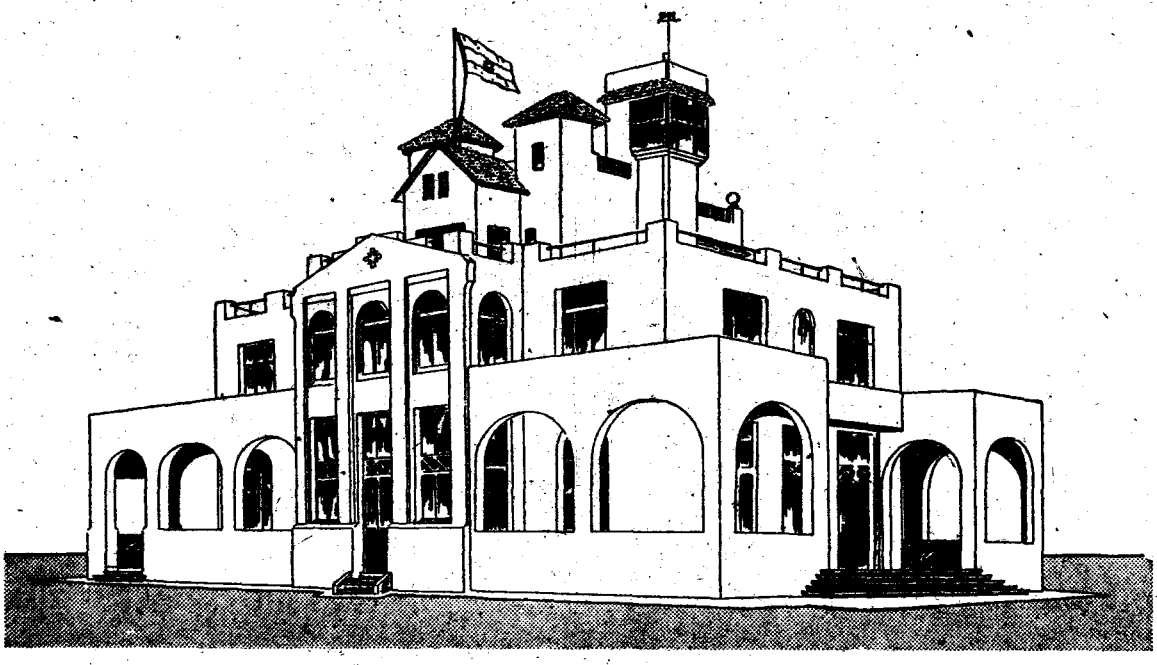
FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2ª	3	7	-	-	2	-	-	4	1	-	4	-	-	-	-	6	6
3ª	4	6	-	1	1	-	-	4	1	-	5	-	-	-	-	2	2
MES	13	18	-	1	3	-	-	8	2	-	9	-	-	-	-	8	9

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	-	-	-	-	-	-	2	-	-	-	-	2	3	-	10	3
2ª	3	-	-	-	-	-	1	-	-	-	-	4	5	-	10	2
3ª	7	-	-	-	-	-	-	-	-	-	-	2	5	-	2	-
MES	10	-	-	-	-	-	3	-	-	-	-	8	13	-	22	5

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

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



BOLETIN MENSUAL

VOLUMEN VII

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BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII ABRIL 1952 Nº 4

RESUMEN MENSUAL

En los primeros días del mes continúa la afluencia de aire polar, provocando fuerte nubosidad y temperaturas de hasta 5°C por debajo de la normal. Aunque reina buen tiempo, del día 3 al 7 la temperatura se mantiene inferior a su término medio. El avance de aire tropical desde el N provoca ascenso de temperatura, humedad y nubosidad, registrándose el 9 la máxima mensual de la tensión del vapor con 17.5 mmHg. En este día llega también desde el S aire de origen polar. Entre estas dos masas de aire, se forma al día siguiente una depresión sobre el litoral desencadenando lluvias que son las únicas de importancia en el mes, a pesar de que la cantidad caída fuera sólo de 14.1 mm.

El tiempo mejora rápida aunque inestablemente al iniciarse la segunda década. La presencia de aire de origen tropical aumenta en forma pronunciada la temperatura y humedad, y el día 15 registra las marcas térmicas más altas del mes (máxima 28.3°C, mínima 16.9°C, promedio diario 22.0°C). El pasaje de un frente frío el 16 no altera el buen tiempo. La temperatura permanece superior al valor normal a pesar del descenso provocado por el frente frío. En los días siguientes se establece una corriente del N y el 18 y 19, anótanse de nuevo promedios superiores a los 20°C. La presión desciende contínuamente hasta el día 19 a 751.8 mmHg, valor mínimo mensual. Este período prolongado de calor, excepcional para esta época del año, termina en la noche del 19 al 20, cuando una masa de aire polar barre todo el país.

En contraste con la década calurosa anterior, la última se caracteriza por sus valores muy por debajo del importe medio. Alta presión sobre el centro del país y baja sobre el atlántico, conforman una fuerte corriente del S; la temperatura en continuo descenso alcanza el día 24 la mínima mensual de -1.1°C, registrándose entonces la primera helada del año. La presión a su vez marca la máxima con 768.4 mmHg. El pasaje de otro frente frío no altera mayormente el tiempo bueno, fresco y seco que se mantiene hasta fines del mes.

Los períodos calurosos y fríos equilibran en tal forma los promedios mensuales, que éstos no difieren gran cosa de su término medio. Mientras la temperatura, humedad y nubosidad acusan importes algo más bajos que los normales, la presión y heliofanía los registran algo más elevados.

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	69	69	83	90	76	76	83	97	-	-	-	-	-	-	± ∞
2	76	76	69	76	69	83	94	104	117	152	117	90	76	90	83
3	62	62	76	76	90	117	138	213	172	110	124	110	90	83	117
4	83	97	104	110	110	117	138	220	207	186	138	110	124	117	117
5	97	97	104	104	76	104	76	124	186	166	172	172	172	138	124
6	122	109	107	95	105	95	93	91	168	144	163	231	197	180	144
7	110	104	104	90	69	69	83	166	124	124	131	138	104	97	90
8	104	110	117	90	97	110	117	220	272	239	289	207	131	104	131
9	138	172	124	83	62	34	28	48	207	259	239	138	138	179	193
10	55	62	62	55	48	48	62	62	41	-	-	97	239	233	124
11	76	76	101	72	66	62	85	241	159	213	207	166	138	117	110
12	138	131	131	97	76	48	28	172	207	200	172	200	172	124	117
13	90	90	83	69	55	21	48	- 14	145	138	104	104	97	90	97
14	41	41	-	41	62	69	48	97	145	124	117	104	83	69	62
15	69	69	76	83	97	110	110	110	104	90	83	69	69	69	74
16	76	83	76	83	83	83	90	145	152	172	145	110	104	110	97
17	76	83	90	90	76	76	104	166	226	159	145	131	110	124	131
18	55	69	83	83	76	83	90	110	117	166	186	152	124	90	124
19	76	69	69	83	48	90	83	97	104	104	69	62	55	55	62
20	36	28	48	55	34	41	34	7	62	28	62	69	55	90	83
21	-	-	-	-	-	-	-	62	110	200	152	110	83	55	76
22	48	55	41	34	48	48	28	34	55	76	104	97	76	62	62
23	-	-	-	-	-	-	-	41	48	55	83	55	34	41	34
24	48	55	62	69	104	117	200	200	233	186	186	152	117	138	97
25	131	131	131	110	55	62	41	55	110	117	138	97	104	104	110
26	166	166	166	97	14	62	76	62	69	83	69	69	69	62	- 97
27	-	-	-	-	-	-	-	-	-	41	55	55	69	69	76
28	111	118	130	85	154	197	241	270	333	297	200	193	179	179	110
29	207	166	172	193	110	124	107	159	127	159	122	115	99	93	115
30	193	284	357	304	272	220	207	207	233	179	166	159	124	110	104
31															
Prom.	107.7	112.4	121.1	107.3	94.9	101.2	110.0	156.8	174.7	168.4	157.2	142.3	122.9	113.7	98.9

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.76	0.78	1.54	0.97	869	541	1410	1.60	0.61	1.00
2	1.05	0.84	1.89	1.25	1041	489	1530	2.13	0.71	1.20
3	1.17	1.11	2.28	1.05	775	378	1153	2.78	1.06	2.06
4	1.10	0.94	2.04	1.17	777	524	1301	1.48	0.99	1.25
5	0.86	0.75	1.61	1.15	793	447	1240	1.78	0.76	1.17
6	0.74	0.61	1.35	1.21	629	341	970	1.85	0.81	1.25
7	1.00	0.83	1.83	1.20	881	471	1352	1.87	0.80	1.23
8	0.79	0.59	1.38	1.34	648	268	916	2.41	0.85	1.54
9	0.71	0.60	1.31	1.18	436	218	654	2.00	1.14	1.92
10	0.80	0.68	1.43	1.17	524	250	774	2.09	1.06	1.90
11	0.92	0.68	1.60	1.35	785	343	1128	2.29	0.82	1.38
12	0.74	0.54	1.28	1.37	633	272	905	2.33	0.78	1.39
13	1.07	0.92	1.99	1.16	921	533	1454	1.73	0.81	1.20
14	1.14	0.92	2.06	1.24	926	475	1401	1.95	0.86	1.35
15	1.16	1.02	2.18	1.14	966	571	1537	1.69	0.84	1.25
16	1.00	0.77	1.77	1.30	810	368	1178	2.21	0.87	1.46
17	0.74	0.58	1.32	1.27	566	218	784	2.59	0.92	1.86
18	0.89	0.76	1.65	1.17	800	488	1288	1.64	0.78	1.08
19	1.22	1.08	2.30	1.13	976	584	1560	1.67	0.88	1.30
20	1.40	1.24	2.64	1.13	1103	551	1654	2.00	0.89	1.57
21	1.28	1.12	2.40	1.14	1154	597	1751	1.99	0.78	1.31
22	1.48	1.41	2.89	1.05	1332	796	2128	1.67	0.78	1.24
23	1.46	1.34	2.80	1.09	1301	797	2098	1.64	0.79	1.18
24	0.89	0.70	1.59	1.27	802	374	1176	2.14	0.78	1.30
25	1.02	0.90	1.92	1.14	905	533	1438	1.70	0.79	1.18
26	0.95	0.84	1.79	1.13	1079	692	1771	1.56	0.62	0.85
27	1.18	0.98	2.16	1.20	1053	552	1605	1.90	0.79	1.24
28	0.78	0.61	1.39	1.27	496	213	709	2.32	1.10	2.00
29	0.80	0.67	1.47	1.19	747	425	1172	1.77	0.75	1.10
30	0.74	0.58	1.32	1.27	694	314	1018	2.21	0.75	1.29
31										
Prom.	1.00	0.85	1.85	1.18	846	453	1299	1.87	0.83	1.31

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	83	76	83	83	110	104	90		∞	- ∞	-	3*
97	97	90	83	97	104	97	90	69	91.5	179	55	124	0
-	-	-	-	-	-	76	83	69		284	48	236	0*
124	138	138	90	69	76	76	62	76	117.8	272	34	238	0
76	55	64	74	95	122	135	135	147	117.3	246	21	225	0
127	127	139	122	99	103	104	104	110	128.3	280	34	246	0
90	83	97	110	97	97	97	97	97	102.8	233	41	192	0
159	131	131	83	117	138	124	117	104	143.4	322	- 31	353	0
124	- ∞	- 21	-138	14	48	83	117	69		471	- ∞	-	3*
55	83	97	104	28	- 28	34	34	14		345	-167	512	1*
117	110	97	124	172	207	159	159	124	131.6	280	19	261	0
104	110	207	186	166	166	131	97	110	137.1	297	00	297	0
83	97	76	62	69	62	69	76	34		576	-253	829	2
62	69	97	186	138	145	110	83	83		310	00	310	0*
85	91	83	183	107	107	104	76	90	92.0	265	51	214	0
97	97	83	104	131	117	110	117	124	107.9	233	14	219	0
138	145	104	97	97	62	69	76	69	110.2	259	28	231	0
152	172	172	83	69	97	104	104	97	110.7	297	34	263	0
76	69	55	28	- 28	21	- 21	159	41		704	-824	1528	2
83	55	28	14	28	28	28	21	21		658	-181	839	2
55	55	55	55	55	55	62	62	62		272	00	272	0*
69	41	62	62	55	55	-	-	-		110	- 76	186	1*
34	55	55	55	48	62	55	55	55		179	-181	360	1*
110	110	124	138	138	145	145	138	138	131.2	284	28	256	0
200	179	172	179	179	179	159	166	159	127.8	272	00	272	0
-239	41	76	93	93	85	64	58	58	60.9	297	-686	983	1
69	62	55	62	55	55	55	62	7		110	- 14	124	1*
69	62	90	159	172	179	233	213	233	175.3	426	10	416	0
159	195	159	147	227	251	252	252	246	164.8	308	2	306	0
152	138	131	138	152	166	220	166	179	190.0	460	- 14	474	1
100.9	115.6	119.3	121.8	126.5	133.4	132.4	123.7	123.9	124.5				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
7462	6110	13572	1.22	-	19,750
6020	5497	11517	1.09	5.77	17,750
8893	8226	17119	1.08	-	-
7743	8528	16271	0.91	8.02	52,250
10507	12638	23145	0.83	6.33	-
14591	16158	30749	0.91	5.79	45,750
8298	9779	18077	0.85	6.28	16,750
14087	16404	30491	0.86	6.60	35,750
14359	17254	31613	0.83	-	28,250
13267	18394	31661	0.72	-	46,750
7775	12141	20016	0.64	7.03	52,000
12013	14315	26328	0.84	5.89	30,250
8821	10551	19372	0.83	-	18,250
10199	10925	21124	0.94	-	20,500
5346	9010	14356	0.59	6.67	23,750
9047	14378	23425	0.63	6.37	46,000
14282	18105	32387	0.78	4.95	61,750
10465	14029	24494	0.75	6.09	54,500
7136	9158	16294	0.78	-	41,300
6246	9321	15567	0.67	-	43,750
8746	10765	19511	0.82	-	37,250
6544	7069	13613	0.92	-	32,000
6873	6802	13675	1.01	-	27,250
14838	15406	30244	0.96	6.96	42,250
9941	9528	19469	1.04	8.20	-
9223	7726	16949	1.19	3.63	38,000
7065	5832	12897	1.21	-	42,000
17217	15548	32765	1.11	8.10	34,000
17073	17744	34817	1.00	8.10	46,000
16880	15306	32186	1.10	8.36	24,000
10301	11662	21963	0.89	6.62	36,215

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	-	0.76	0.95	0.58	0.87	1.20	1.75	1.00	0.85	0.43	0.59	0.82
2	-	0.20	0.60	1.05	0.56	-	0.91	1.16	0.76	0.95	0.94	0.74
3	2.02	1.80	-	1.69	1.69	1.20	-	-	1.02	1.11	0.86	-
4	-	-	-	-	1.15	1.69	1.69	1.18	0.88	0.83	0.92	0.89
5	-	-	-	-	0.96	1.27	1.44	1.50	1.11	0.94	0.75	0.75
6	-	-	-	-	-	-	-	-	-	1.05	0.68	0.65
7	-	-	-	-	-	-	-	-	1.50	1.47	1.01	0.93
8	0.63	0.42	0.51	1.04	1.06	0.96	0.88	0.69	0.64	0.61	0.64	0.83
9	0.69	0.49	0.57	-	0.48	0.60	-	-	0.75	0.66	0.64	0.90
10	0.53	0.62	0.72	0.55	0.63	0.63	0.69	0.71	0.52	0.83	0.81	0.75
11	1.32	1.13	1.17	1.11	1.15	1.16	1.20	1.30	1.23	0.76	0.56	0.68
12	0.49	0.59	0.72	0.71	0.63	0.81	0.58	0.74	0.73	0.78	0.69	0.55
13	1.04	0.98	1.18	1.28	1.27	1.46	1.18	0.67	0.96	0.80	1.27	1.20
14	0.55	-	-	-	-	-	-	-	1.19	1.13	1.08	1.28
15	1.32	1.37	1.24	1.26	1.20	1.22	1.15	1.11	1.20	1.34	1.38	1.40
16	1.11	1.10	1.04	0.89	0.93	1.22	1.21	0.79	1.03	0.98	0.94	1.05
17	1.06	1.18	1.20	1.17	1.06	1.10	0.83	0.54	0.46	0.42	0.48	0.71
18	0.77	0.95	0.87	1.07	1.17	0.84	1.26	1.09	1.04	0.99	0.92	0.88
19	1.03	1.00	1.14	0.76	0.81	0.72	1.01	0.97	1.07	0.99	1.29	1.32
20	1.63	1.86	1.86	1.46	1.83	1.75	1.38	0.70	0.97	1.11	1.10	1.27
21	1.51	1.46	1.54	1.58	1.41	1.52	1.11	1.22	1.05	0.96	1.09	1.04
22	1.65	1.61	1.90	1.83	2.00	1.99	1.66	1.54	1.48	1.17	1.05	1.09
23	1.61	1.19	1.92	1.96	1.76	2.00	1.63	1.79	1.53	1.43	1.12	1.26
24	1.57	1.37	1.42	1.41	1.15	1.18	0.62	0.71	0.82	0.84	0.88	0.96
25	0.74	0.88	0.94	0.92	1.06	1.13	1.16	-	0.79	0.94	0.97	1.11
26	0.96	0.89	1.06	0.97	0.84	0.99	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	1.28	1.28	1.13	1.13
28	0.93	0.83	0.86	0.54	0.73	0.66	0.70	0.54	0.56	0.53	0.76	0.87
29	-	-	-	-	-	-	-	-	1.00	1.03	1.09	1.39
30	0.47	0.46	0.35	0.32	0.77	0.61	0.65	0.73	0.85	0.88	0.93	0.98
31												
Promedio	1.07	1.01	1.08	1.10	1.10	1.16	1.12	0.98	0.97	0.94	0.92	0.98

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	-	1.07	0.72	0.77	1.05	1.50	1.58	0.89	0.86	0.35	0.46	1.08
2	0.29	0.32	0.59	0.73	0.72	-	1.05	0.75	0.86	0.75	0.80	0.64
3	1.65	-	1.16	-	-	-	0.87	0.87	0.88	1.03	0.84	-
4	-	-	-	1.71	1.46	1.15	1.23	0.91	0.76	0.78	0.98	0.85
5	-	-	-	-	0.73	1.08	1.15	1.25	1.00	0.79	0.67	0.64
6	-	-	-	-	-	-	-	-	-	0.88	0.54	0.51
7	-	-	-	-	-	-	-	-	1.28	1.14	0.89	0.89
8	0.44	0.41	0.43	0.59	0.71	0.66	0.66	0.43	0.45	0.41	0.56	0.69
9	0.55	0.39	0.30	0.51	0.45	0.49	0.42	0.52	0.49	0.49	0.42	0.69
10	0.45	0.54	0.58	0.45	0.54	0.54	0.58	0.58	0.51	0.61	0.73	0.63
11	1.08	0.86	0.81	1.10	0.92	0.96	0.88	0.83	0.81	0.58	0.44	0.53
12	0.37	0.43	0.37	0.42	0.47	0.41	0.43	0.42	0.63	0.65	0.56	0.56
13	0.90	0.84	0.97	0.96	1.31	1.57	1.03	0.74	0.54	0.85	1.09	1.12
14	0.42	0.56	-	-	0.79	-	-	-	0.75	0.88	0.88	1.22
15	1.20	1.18	1.00	1.02	0.95	0.88	0.91	0.93	1.12	1.22	1.28	1.46
16	0.91	0.86	0.80	0.86	0.83	1.05	1.04	0.48	0.80	0.75	0.76	0.85
17	0.79	0.87	0.91	0.84	0.75	0.75	0.64	0.35	0.44	0.33	0.44	0.62
18	0.64	0.72	0.72	0.80	0.84	0.74	0.98	0.97	0.89	0.84	0.90	0.85
19	0.96	0.94	0.85	0.69	0.66	0.59	0.71	0.87	0.95	0.97	1.21	1.16
20	1.34	1.91	1.51	1.41	1.71	1.56	1.07	0.95	0.83	0.83	0.86	0.56
21	1.25	1.20	1.36	1.36	0.88	1.01	1.25	0.88	0.83	0.77	0.93	1.03
22	1.63	1.58	1.84	1.87	1.92	1.76	1.55	1.56	1.37	1.03	1.03	1.07
23	1.36	1.41	1.74	1.91	1.79	2.02	1.77	1.69	1.51	1.35	1.12	1.28
24	1.10	1.10	0.94	0.96	0.91	0.66	0.43	0.49	0.60	0.81	0.84	0.80
25	0.67	0.67	0.73	0.78	0.91	1.00	1.00	-	0.77	0.81	0.93	1.11
26	0.83	0.83	0.94	0.83	0.83	0.80	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	1.05	1.08	1.01	0.98
28	0.65	0.58	0.58	0.41	0.49	0.42	0.54	0.45	0.49	0.46	0.55	0.62
29	-	-	-	-	-	-	-	-	0.89	0.95	0.85	1.19
30	0.37	0.39	0.34	0.25	0.43	0.39	0.41	0.52	0.69	0.83	0.84	0.85
31												
Promedio	0.86	0.85	0.88	0.92	0.92	0.96	0.92	0.80	0.82	0.80	0.81	0.87

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.08	0.68	0.58	0.30	0.59	0.62	0.31	-	0.74	0.93	0.38	-	0.76
1.36	-	1.35	1.27	1.19	-	1.29	1.35	1.06	1.30	1.50	1.51	1.05
-	-	-	0.89	1.03	0.89	0.55	0.78	1.11	1.09	0.97	-	1.17
0.92	0.87	0.95	1.13	1.14	0.84	0.79	0.52	1.12	1.43	1.64	-	1.10
0.71	0.70	0.72	0.70	0.69	0.83	0.71	0.47	0.41	0.79	-	-	0.86
0.69	0.66	0.68	0.74	0.68	0.85	-	-	-	-	-	-	0.74
1.24	1.40	1.27	1.22	1.39	1.19	0.61	0.58	0.56	0.58	0.47	0.54	1.00
0.95	1.20	0.85	0.92	1.12	0.80	0.47	0.63	0.58	0.84	0.81	0.83	0.79
0.84	0.78	0.87	1.10	0.49	1.07	0.70	0.72	0.78	0.69	0.61	0.56	0.71
1.01	0.85	0.82	1.15	1.10	0.89	0.82	0.52	0.72	1.16	1.11	1.19	0.80
0.74	1.01	1.13	1.09	1.10	0.98	0.64	0.50	0.44	0.76	0.51	0.52	0.92
0.78	0.81	0.87	1.06	1.01	0.86	0.55	0.53	0.63	0.69	0.81	1.04	0.74
1.05	1.17	1.32	1.32	1.12	1.24	1.43	0.91	0.96	0.64	0.63	0.55	1.07
1.46	1.56	1.45	1.53	1.41	1.18	0.79	0.76	0.78	0.91	1.09	1.31	1.14
1.51	1.31	1.30	1.20	1.19	1.32	0.75	0.86	0.86	0.79	0.78	0.85	1.16
0.98	1.01	0.87	0.91	1.06	1.20	0.99	0.84	0.98	0.85	1.00	0.91	1.00
0.66	0.66	0.68	0.68	0.69	0.60	0.53	0.50	0.60	0.61	0.66	0.58	0.74
0.80	0.85	0.97	0.95	0.84	0.69	0.67	0.68	0.80	0.69	0.76	0.87	0.89
1.23	1.46	1.55	1.22	1.16	1.23	1.09	1.25	1.54	1.85	1.51	2.12	1.22
1.27	1.68	1.66	1.66	1.32	1.19	1.13	1.32	1.36	1.27	1.31	1.45	1.40
1.19	1.15	1.01	1.04	1.15	1.29	1.46	1.39	1.55	1.34	1.11	1.56	1.28
1.10	1.28	1.28	1.26	1.22	1.22	1.36	1.52	1.61	1.65	1.71	1.48	1.48
1.33	1.27	1.18	1.32	1.10	1.55	1.06	1.23	1.24	1.35	1.53	1.67	1.46
0.84	0.86	0.71	0.96	1.05	0.72	0.46	0.38	0.38	0.65	0.72	0.74	0.89
1.27	1.16	1.34	1.17	1.48	1.24	0.94	0.88	0.78	0.84	0.87	0.79	1.02
-	-	-	-	-	-	-	-	-	-	-	-	0.95
1.22	1.37	1.32	1.42	1.18	1.22	0.94	0.99	1.18	1.21	0.98	1.01	1.18
0.92	1.08	1.08	0.72	0.60	1.04	-	-	-	-	-	-	0.78
1.35	1.30	0.90	0.76	0.68	0.55	0.52	0.55	0.43	0.39	0.31	0.49	0.80
0.95	1.07	1.12	1.21	0.82	0.73	0.56	0.51	0.61	0.61	-	-	0.74
1.05	1.08	1.06	1.06	1.02	1.00	0.82	0.81	0.88	0.96	0.95	1.02	1.00

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.98	0.67	0.89	-	0.91	0.46	0.25	-	0.71	0.64	0.29	0.29	0.78
1.34	-	1.29	1.00	0.93	0.82	1.01	0.90	0.83	0.96	1.10	-	0.84
-	-	-	1.07	0.99	0.82	0.36	1.09	1.38	1.99	1.71	-	1.11
0.88	0.80	0.92	1.08	0.95	0.71	0.60	0.31	0.69	1.08	-	-	0.94
0.67	0.64	0.67	0.67	0.64	0.71	0.60	0.40	0.38	-	-	-	0.75
0.55	0.53	0.59	0.59	0.55	0.77	-	-	-	-	-	-	0.61
1.05	1.18	1.10	1.15	1.30	0.71	0.49	0.44	0.44	0.46	0.35	0.43	0.83
0.96	0.87	0.70	0.82	0.95	0.52	0.32	0.39	0.49	0.56	0.63	0.60	0.59
0.60	0.76	0.65	0.90	0.95	1.17	0.84	0.58	0.60	0.49	0.53	0.49	0.60
0.67	0.55	0.65	0.96	0.83	0.72	0.65	0.65	1.00	0.92	0.81	0.97	0.68
0.64	0.82	0.80	0.93	0.82	0.55	0.40	0.32	0.27	0.36	0.32	0.39	0.68
0.56	0.61	0.73	1.01	0.82	0.58	0.36	0.37	0.40	0.44	0.49	0.79	0.54
0.98	1.06	1.14	1.09	0.85	1.24	1.25	0.63	0.55	0.49	0.46	0.45	0.92
1.25	1.46	1.32	1.37	1.16	0.76	0.63	0.56	0.62	0.74	0.91	1.16	0.92
1.36	1.37	1.25	1.10	1.05	0.96	0.65	0.71	0.74	0.67	0.70	0.80	1.02
0.85	0.82	0.74	0.72	0.76	0.83	0.67	0.49	0.60	0.73	0.67	0.70	0.77
0.53	0.60	0.58	0.55	0.53	0.46	0.42	0.46	0.49	0.51	0.46	0.49	0.58
0.77	0.92	0.78	0.81	0.76	0.53	0.55	0.53	0.69	0.72	0.55	0.75	0.76
1.25	1.41	1.54	0.85	0.98	1.00	1.09	1.33	1.51	1.56	0.86	1.93	1.08
1.19	1.25	1.37	1.51	1.06	1.37	1.25	1.37	1.25	1.15	1.27	1.30	1.24
1.10	1.08	0.92	1.03	1.12	1.37	1.32	1.29	1.45	0.94	0.95	1.50	1.12
1.05	1.25	1.25	1.18	1.25	1.10	1.24	1.32	1.52	1.59	1.52	1.34	1.41
1.30	1.25	1.22	1.13	1.05	1.24	0.79	0.98	0.94	0.98	1.20	1.20	1.34
0.68	0.72	0.61	0.80	1.00	0.51	0.37	0.32	0.33	0.53	0.53	0.67	0.70
1.28	1.20	1.24	1.07	1.30	1.04	0.87	0.64	0.62	0.71	0.64	0.69	0.90
-	-	-	-	-	-	-	-	-	-	-	-	0.84
1.09	1.16	1.15	1.21	1.00	1.02	0.81	0.83	0.92	0.87	0.79	0.72	0.98
0.73	0.87	0.95	0.65	0.51	1.08	-	-	-	-	-	-	0.61
1.15	1.10	0.68	0.64	0.60	0.51	0.40	0.40	0.36	0.34	0.29	0.40	0.67
0.83	0.86	1.02	0.95	0.71	0.58	0.44	0.42	0.37	0.37	-	-	0.58
0.94	0.96	0.96	0.96	0.91	0.83	0.69	0.68	0.75	0.80	0.75	0.82	0.85

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	782	955	868	868	868	955	1035	1035	1035	1114	1475	1274
2	868	955	1035	955	1075	1035	1035	1235	1515	1054	1315	1194
3	1035	955	695	782	707	565	521	521	707	1194	1115	1155
4	707	707	782	782	707	782	868	-	1435	1354	1275	955
5	521	608	608	521	608	869	1115	1194	1434	1355	1035	1035
6	521	521	521	434	434	434	614	782	1235	992	909	707
7	782	782	868	788	955	868	782	1115	1115	1235	1235	1194
8	434	390	347	614	745	707	707	608	521	695	614	608
9	521	434	347	347	347	618	434	347	130	260	390	608
10	347	260	260	390	260	260	347	521	605	570	521	658
11	955	782	868	868	788	782	868	1115	1435	1155	707	608
12	347	347	521	521	434	521	434	521	831	1115	909	707
13	868	825	868	868	955	952	-	-	-	-	1435	1275
14	521	521	521	521	521	565	521	787	869	1115	1515	1595
15	955	955	955	1035	955	955	955	955	782	955	1275	1275
16	434	695	707	707	608	608	614	707	955	1115	1195	1194
17	782	868	825	707	788	707	521	521	434	347	390	608
18	347	521	608	825	868	707	1035	868	1235	1595	1314	955
19	782	707	868	707	707	651	707	871	1275	1035	1194	1115
20	1195	1515	1275	1075	1275	1354	1125	868	955	695	782	1035
21	1035	1115	1194	1115	1035	868	782	917	1355	1395	1555	1435
22	1235	1115	1350	1435	1435	1275	1275	1395	1945	1835	1435	1355
23	1031	955	1435	1435	1440	1515	1194	1634	1062	1982	1252	1515
24	1115	1035	1035	1035	952	838	434	707	1018	1595	1434	1194
25	521	652	707	707	868	782	868	868	782	1235	1320	1235
26	745	695	782	652	608	608	-	-	831	1316	1315	1435
27	-	1274	1275	1355	1355	1195	1275	868	955	955	955	868
28	608	608	608	434	478	434	434	521	434	347	391	521
29	347	347	347	434	952	738	565	738	858	1354	1115	1515
30	434	521	434	434	434	434	434	521	869	1315	1515	1235
31												
Promedio	716	754	784	778	805	786	768	842	987	1113	1095	1069

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	226	376	226	312	312	344	376	601	527	451	974	864
2	312	376	382	419	526	451	339	451	1052	776	974	829
3	339	269	150	150	150	188	75	113	301	905	905	940
4	312	226	376	451	376	451	526	-	1151	1254	1188	916
5	150	226	226	188	376	414	451	715	1048	1092	752	676
6	150	226	226	150	226	226	226	263	864	790	601	489
7	312	339	382	419	419	414	376	263	790	902	940	828
8	150	113	75	150	312	312	376	226	150	188	231	226
9	150	150	150	150	226	75	75	75	75	75	75	188
10	150	75	150	150	113	150	75	75	150	564	312	150
11	451	451	269	376	376	414	414	339	676	601	376	312
12	150	150	75	75	150	226	150	150	339	714	564	376
13	312	344	489	526	752	898	526	451	602	1250	1086	970
14	150	150	150	226	113	150	188	113	338	451	1052	1188
15	563	654	451	451	344	312	344	526	602	1052	1052	1052
16	312	312	274	150	150	150	150	188	226	344	676	828
17	150	301	226	312	344	188	150	75	188	150	226	312
18	226	231	226	376	451	376	564	564	970	1320	1120	752
19	376	451	376	312	312	382	414	602	1120	828	976	955
20	526	1082	563	451	752	714	451	564	376	451	376	339
21	489	451	526	376	226	269	312	269	678	864	1082	1120
22	715	602	752	752	677	676	639	905	1423	1390	976	940
23	527	526	752	752	752	905	602	1052	1525	1560	1390	1052
24	376	376	188	344	226	226	226	226	676	902	976	905
25	226	376	226	263	451	376	526	414	376	979	1151	1082
26	226	344	376	376	344	376	-	-	-	339	905	940
27	714	752	714	752	752	677	602	527	564	451	489	489
28	226	226	150	150	150	150	226	150	226	226	150	226
29	226	188	226	274	382	376	312	382	451	1013	752	979
30	226	226	226	188	150	150	150	150	382	752	979	752
31												
Promedio	314	352	319	334	363	367	339	372	615	761	777	722

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1035	955	434	707	1195	707	608	521	608	521	521	788	869
1315	1035	1115	955	1035	868	868	868	868	868	955	955	1041
1195	1155	695	782	608	521	521	608	608	608	608	745	775
868	868	782	869	707	608	521	434	521	434	478	434	777
955	955	955	782	788	782	745	434	434	434	347	521	793
707	707	782	782	707	658	521	347	434	434	434	478	629
1275	1194	1115	1115	1194	782	565	434	434	434	441	434	881
1072	1028	707	955	955	521	434	434	521	707	707	521	648
521	782	782	868	528	260	130	173	348	695	347	260	436
942	614	434	707	608	521	434	347	695	745	782	745	524
782	955	955	955	868	707	608	434	347	434	521	347	785
782	782	782	1035	955	521	434	434	434	434	521	868	633
1155	1155	1315	1115	868	1035	868	782	608	521	434	521	921
1755	1515	1354	1355	1195	992	738	691	521	707	868	955	926
1354	1435	1275	1115	955	868	1035	707	614	608	608	608	966
1275	1275	1115	1035	608	782	608	608	608	608	608	782	810
608	608	608	521	521	521	521	434	434	434	434	434	566
868	831	868	868	868	608	434	521	521	521	707	707	800
1035	1075	1115	869	955	782	782	868	1115	1235	1832	1134	976
1235	1515	1594	1515	1035	788	868	955	955	868	955	1035	1103
1355	1435	1515	1274	1115	1194	1115	995	1035	868	868	1115	1154
1354	1275	1275	1275	1115	1275	1194	1194	1194	1274	1355	1111	1332
1435	1474	1554	1395	1275	1275	955	1035	1035	1035	1194	1115	1301
955	868	652	992	608	434	347	347	260	434	434	521	802
1355	1355	1195	1115	1075	868	868	825	707	608	608	608	905
1794	1314	862	1355	1035	952	825	869	1435	1515	1515	1275	1079
952	1275	1275	1354	1035	992	782	868	912	955	782	707	1053
707	995	825	521	608	608	347	260	260	260	347	347	496
1435	1275	868	955	955	707	521	521	347	347	347	347	747
955	868	1035	869	782	707	478	434	521	565	434	434	694
1101	1086	995	1000	892	761	656	613	644	670	700	695	846

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
676	602	974	2270	1392	344	226	150	225	150	150	231	541
864	602	602	451	376	150	226	226	312	226	312	312	489
940	916	376	451	312	150	226	226	312	226	226	226	378
828	752	602	602	451	301	150	150	226	226	231	312	524
676	602	602	526	489	376	312	75	150	269	150	188	447
451	376	451	451	376	312	312	269	226	226	150	150	341
828	677	602	602	714	226	226	226	226	226	150	226	471
489	526	376	639	376	226	226	226	150	226	226	226	268
226	376	376	451	601	608	451	312	150	75	75	75	218
-	75	113	312	312	226	226	263	1074	344	226	472	250
344	564	451	451	312	188	150	150	150	150	113	150	343
414	414	376	526	526	226	150	150	226	150	113	150	272
789	974	676	376	376	382	188	150	150	150	226	150	533
1188	1120	1048	902	727	376	301	113	226	312	376	451	475
1120	905	676	677	526	564	301	376	344	312	312	188	571
752	790	828	752	339	312	226	312	150	312	75	231	368
376	312	269	226	150	226	226	226	150	226	75	150	218
602	677	676	526	414	188	150	188	312	264	226	312	488
752	676	676	451	376	344	489	639	602	564	457	902	584
602	828	864	752	376	376	312	602	376	451	526	526	551
1052	974	1052	902	676	676	526	526	376	226	226	451	597
940	905	828	826	752	677	526	527	639	752	715	564	796
1052	1082	1052	976	829	564	312	312	312	376	489	376	797
526	414	382	457	226	226	150	75	150	188	226	312	374
1048	1082	828	676	677	526	376	301	150	226	226	226	533
979	1355	1355	1250	940	564	414	312	382	867	905	979	692
451	640	752	828	526	451	376	376	451	376	301	226	552
269	451	451	312	344	269	150	150	150	150	75	75	213
829	676	451	451	601	344	226	312	226	150	150	226	425
526	312	526	414	376	312	150	113	150	113	150	75	314
710	688	643	650	516	357	276	268	291	284	262	305	453

IONES PESADOS POSITIVOS "N+" por cm³

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
1	7180	7180	8060	8060	5380	6295	7180	8060	5380	6295	7180	7180
2	6295	5380	5380	5380	3585	4490	5380	5380	4490	5380	8060	7180
3	5380	5380	7180	8060	7180	8950	11690	11690	8060	5380	8950	11690
4	6295	6295	5380	6295	5380	7180	7180	5380	8060	6295	11690	12590
5	4490	5380	6295	5380	6295	4490	4490	4490	4490	7180	11690	12590
6	18870	16130	15250	14350	16130	18870	18870	14350	7180	11690	9860	11690
7	6295	6295	6295	6295	5380	7180	8060	8060	5380	6295	6295	8060
8	17950	17050	16130	15250	16130	20700	24200	26900	20350	-	12590	9860
9	10770	13430	17050	15250	17050	22400	17050	18870	17950	12590	11690	6295
10	20350	17950	17950	23360	23360	25150	25150	26900	17950	17950	12590	18870
11	2690	2690	2690	1795	898	2690	3585	3585	3585	5380	14350	10770
12	17050	17050	6295	12590	9860	11690	11690	17950	11690	9860	9860	12590
13	9860	9860	5380	7180	7180	3585	7180	7180	8060	10770	8060	4490
14	17050	15250	11690	10770	15250	12590	17950	23360	11690	9860	9860	5380
15	4490	4490	4490	4490	5380	4490	5380	5380	3585	3585	2690	7180
16	8060	6295	5380	8060	6295	6295	8060	10770	7180	12590	8950	7180
17	8950	8060	8950	7180	8950	7180	12590	17950	17950	21520	25150	8950
18	9860	8950	11690	7180	8950	10770	8950	8060	9860	8060	11690	13430
19	8950	8950	8060	13430	8950	12590	10770	9860	7180	10770	4490	5380
20	5380	4490	4490	5380	5380	6295	6295	11690	9860	6295	7180	4490
21	6295	4490	4490	4490	5380	5380	8060	9860	13430	12590	10770	10770
22	6295	6295	4490	6295	4490	4490	5380	5380	5380	8060	9860	9860
23	7180	5380	5380	4490	4490	3585	4490	4490	6295	6295	8060	7180
24	8060	11690	8060	8950	8950	11690	23360	18870	21520	8950	8950	13430
25	10770	8950	8060	9860	8950	8950	-	13430	14350	8950	8950	8950
26	11690	17050	8060	8950	10770	8950	-	-	-	7180	10770	8060
27	6295	5380	6295	5380	1795	4490	6295	6295	5380	6295	6295	6295
28	7180	8950	13430	15250	20700	15250	17950	20700	26900	23360	10770	8060
29	18870	-	10770	20350	21520	21520	2690	5380	17950	16130	-	14350
30	-	-	-	18870	15250	16130	23360	-	-	-	10770	10770
31												
Promedio	9616	9098	8383	9621	9509	10144	11189	11795	10755	9841	9933	9452

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	7180	7180	7180	6295	5380	5380	5380	5380	5380	6295	6295	6295
2	9860	5380	5380	2690	4490	4490	5380	4490	4490	8060	7180	7180
3	5380	5380	7180	6295	7180	8950	9860	8950	6295	5380	7180	6295
4	6295	9860	8950	6295	4490	7180	7180	7180	7180	5380	8060	12590
5	8060	8060	7180	7180	7180	4490	5380	5380	8060	11690	16130	16130
6	17950	17050	18870	16130	20350	18870	18870	12590	8060	8950	9860	12590
7	6295	8060	8060	7180	5380	7180	17950	7180	8060	8060	7180	7180
8	20700	18870	16130	16130	17050	21520	25150	29600	14350	14350	12590	12590
9	14350	17950	22400	20350	21520	21520	22400	25150	16130	15250	10770	10770
10	24200	25150	25150	28730	29600	31460	32300	35000	22400	22400	26000	23360
11	7180	6295	4490	5380	8950	5380	6295	5380	7180	10770	17050	14350
12	20700	12590	7180	11690	14350	14350	17050	20350	11690	13430	15250	15250
13	8950	7180	7180	9860	6295	6295	7180	11690	7180	-	6295	6295
14	-	5380	13430	12590	11690	17050	20700	13430	10770	8950	11690	10770
15	7180	7180	6295	7180	8060	7180	8950	6295	8060	6295	8060	12590
16	10770	10770	8950	8060	10770	11690	14350	16130	10770	14350	-	13430
17	12590	11690	8950	11690	10770	11690	17050	17950	23360	26900	17950	28730
18	13430	11690	14350	11690	9860	13430	8950	13430	11690	15250	17050	17050
19	10770	10770	13430	10770	16130	12590	12590	10770	10770	11690	7180	8060
20	8060	5380	8060	8950	7180	7180	8060	13430	7180	8950	8950	9860
21	8950	9860	8060	8060	10770	10770	9860	12590	14350	16130	15250	12590
22	6295	6295	5380	6295	5380	5380	6295	8060	7180	11690	12590	8950
23	5380	6295	5380	3585	3585	4490	6295	4490	6295	7180	7180	8950
24	8950	17950	8060	8950	-	10770	22400	21520	14350	11690	11690	10770
25	10770	8060	8060	8950	8950	7180	8060	10770	11690	7180	8060	6295
26	8950	8950	9860	10770	8950	8950	-	-	-	8060	8950	8060
27	6295	4490	5380	2690	6295	5380	4490	5380	5380	4490	6295	5380
28	10770	11690	8950	10770	11690	10770	10770	22400	21520	14350	8060	8060
29	12590	-	17950	20700	24200	-	-	12590	20350	10770	-	10770
30	-	-	-	-	12590	11690	16130	-	-	-	18870	8060
31												
Promedio	10673	10195	10202	10204	11003	10802	12690	13127	11078	11212	11345	11608

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
8950	9860	4490	5380	-	10770	-	5380	6295	8060	11690	9860	7462
4490	6295	7180	7180	5380	5380	8060	7180	7180	6295	6295	7180	6020
6295	6295	10770	7180	8950	13430	13430	10770	9860	8950	9860	8060	8893
11690	5380	3585	6295	9860	9860	12590	8960	8060	8950	6295	6295	7743
13430	14350	14350	15250	16130	9860	9860	12590	17050	17050	17050	17950	10507
12590	11690	11690	11690	11690	10770	17050	18870	17950	17050	17950	17950	14591
4490	3585	3585	3585	3585	6295	15250	16130	17950	13430	13430	17950	8298
7180	5380	9860	7180	7180	9860	18870	20700	16130	15250	11690	11690	14087
8060	8060	7180	5380	9860	10770	17950	21520	23360	16130	15250	20700	14359
10770	8950	7180	2690	2690	5380	6295	10770	7180	3585	2690	2690	13267
8060	6295	5380	4490	6295	10770	13430	15250	17950	13430	12590	17950	7775
10770	11690	14350	7180	6295	12590	18870	14350	12590	12590	7180	11690	12013
8060	8950	4490	4490	7180	6295	4490	16130	8960	17050	20700	16130	8821
4490	4490	3585	2690	10770	5380	14350	8950	-	-	4490	4490	10199
2690	3585	5380	5380	6295	5380	10770	8060	7180	4490	6295	7180	5346
8060	7180	8950	8950	8060	8060	12590	11690	10770	14350	10770	12590	9047
12590	12590	14350	12590	18870	17950	17050	15250	16130	26000	13430	12590	14282
12590	17950	8950	9860	9860	10770	11690	12590	8060	8950	12590	9860	10465
5380	2690	2690	7180	4490	4490	4490	8950	8950	4490	3585	4490	7136
4490	3585	4490	5380	5380	8060	8060	7180	7180	6295	6295	6295	6246
9860	7180	9860	9860	8060	8060	8950	9860	8060	11690	12590	9860	8746
8950	8060	6295	6295	6295	6295	6295	5380	6295	5380	6295	8950	6544
7180	6295	8060	8950	8950	8950	8060	8950	8950	7180	8060	8060	6873
12590	15250	13430	11690	11690	17950	22400	26000	26900	15250	14350	16130	14838
8950	7180	7180	8060	8060	8950	9860	10770	12590	12590	12590	11690	9941
5380	10770	7180	15250	9860	8950	8950	9860	7180	4490	5380	8950	9223
6295	8060	7180	8950	11690	7180	8950	8060	8950	8950	8950	9860	7065
9860	8060	12590	15250	13430	15250	20700	20350	25150	20350	35000	28730	17217
4490	3585	8950	12590	15250	16130	26000	29600	26900	29600	-	35900	17073
12590	12590	10770	-	11690	26000	17950	26000	16130	12590	20350	25150	16880
8376	8196	8133	8169	9096	10194	12871	13537	12961	12085	11507	12896	10301

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
8950	8060	4490	5380	5380	6295	-	-	5380	-	5380	5380	6110
6295	6295	5380	4490	4490	5380	6295	5380	5380	4490	4490	4490	5497
6295	6295	8950	8950	-	15250	13430	10770	9860	8060	8950	8060	8226
12590	10770	7180	7180	8060	9860	11690	12590	12590	9860	6295	5380	8528
14350	17050	15250	17050	13430	11690	11690	16130	20350	20700	20350	20350	12638
12590	13430	14350	14350	11690	14350	18870	24200	20350	21520	20350	12590	16158
5380	4490	4490	4490	5380	8950	16130	20350	17950	15250	16130	17950	9779
5380	10770	12590	12590	8950	17950	20350	26000	17950	14350	11690	13430	16404
14350	10770	8950	8950	7180	17050	17050	26000	23360	17950	22400	21520	17254
14350	15250	8060	6295	8060	8950	13430	15250	6295	7180	6295	6295	18394
12590	10770	14350	8060	9860	17950	16130	17950	17950	20350	23360	23360	12141
15250	14350	12590	7180	10770	16130	17050	20700	15250	12590	16130	11690	14315
4490	12590	12590	15250	9860	8060	7180	10770	13430	20350	20350	23360	10551
7180	7180	8060	6295	8950	11690	12590	16130	11690	8950	8060	8060	10925
-	7180	8950	9860	9860	9860	13430	12590	10770	10770	9860	10770	9010
16130	20350	24200	17950	12590	16130	17050	15250	14350	14350	15250	17050	14378
21520	-	24200	21520	14350	21520	25150	23360	17950	16130	14350	17050	18105
-	17950	-	14350	16130	14350	17950	14350	11690	14350	17950	11690	14029
6295	7180	7180	8060	7180	8060	5380	8060	5380	7180	5380	8950	9158
-	7180	8950	7180	10770	11690	12590	10770	10770	9860	11690	11690	9321
11690	11690	11690	10770	10770	9860	8950	9860	8950	10770	8950	7180	10765
8060	7180	7180	7180	7180	5380	7180	5380	7180	6295	6295	5380	7069
7180	5380	5380	6295	10770	8950	9860	8950	8950	7180	8060	7180	6802
12590	17050	14350	10770	16130	18870	26000	28730	24200	13430	14350	10770	15406
8950	7180	8060	8950	6295	8060	11690	13430	15250	12590	13430	10770	9528
5380	7180	6295	8950	6295	7180	9860	7180	7180	3585	7180	4490	7726
4490	2690	5380	5380	7180	7180	8950	7180	7180	7180	7180	8060	5832
4490	10770	13430	16130	16130	17050	17950	22400	26000	26900	28730	23360	15548
3585	4490	10770	16130	12590	-	25150	30580	32300	25150	-	28730	17744
8060	11690	8950	-	-	-	-	25150	20350	18870	17050	21520	15306
9573	10111	10514	10206	9867	11918	14251	16050	14208	13317	12963	12885	11662

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	3.0	1.5	- 3.2	- 1.6	- 8.0	-12.7	-14.3	-14.3	- 4.7	- 9.5	- 9.5	- 4.7	- 6.4
2	- 8.0	3.0	6.0	3.0	- 6.4	- 3.2	- 7.6	-13.6	- 6.4	- 3.2	-15.9	3.0	9.1
3	- 6.4	- 3.2	7.6	3.0	- 6.4	- 1.6	- 6.4	- 8.0	- 4.7	- 3.2	- 1.6	-11.1	6.0
4	3.0	1.5	4.5	6.0	1.5	3.0	- 4.7	- 4.7	- 9.5	- 8.0	- 6.4	6.0	- 3.2
5	- 1.6	4.5	13.6	12.1	- 3.2	- 4.7	- 3.2	- 6.4	- 8.0	- 6.4	- 1.5	3.0	7.6
6	10.6	12.1	6.0	6.0	3.0	- 3.2	3.0	- 1.6	- 6.4	- 4.7	3.0	3.0	6.0
7	4.5	12.1	9.1	6.0	- 3.2	- 3.2	- 3.2	- 3.2	- 1.6	3.0	3.0	9.1	7.6
8	6.0	1.5	10.6	10.6	1.5	6.0	1.5	- 3.2	- 1.6	1.5	- 3.2	7.6	9.1
9	13.6	9.1	9.1	15.1	7.6	4.5	1.5	3.0	3.0	1.5	3.0	15.1	10.6
10	12.1	16.6	9.1	12.1	9.1	7.6	7.6	1.5	9.1	16.6	9.1	13.6	9.1
11	12.1	13.6	12.1	15.1	10.6	9.1	1.5	- 4.7	- 3.2	3.0	4.5	4.5	6.0
12	6.0	12.1	13.6	15.1	4.1	9.1	7.6	3.0	4.5	9.1	13.6	16.6	10.6
13	13.6	15.1	15.1	15.1	12.1	6.0	6.0	6.0	6.0	13.6	16.6	15.1	12.1
14	-	-	-	-	-	-	-	-	9.1	7.6	9.1	15.1	6.0
15	13.6	7.6	10.6	13.6	6.0	4.5	3.0	- 3.2	3.0	3.0	7.6	15.1	6.0
16	10.6	6.0	16.6	15.1	10.6	9.1	9.1	3.0	3.0	7.6	6.0	15.1	13.6
17	3.0	7.6	16.6	12.1	6.0	9.1	7.6	3.0	6.0	10.6	12.1	16.6	15.1
18	6.0	10.6	15.1	16.6	12.1	9.1	6.0	6.0	9.1	9.1	9.1	13.6	13.6
19	7.6	12.1	12.1	18.1	12.1	9.1	6.0	- 1.6	4.5	4.5	9.1	12.1	12.1
20	15.1	9.1	13.6	15.1	12.1	12.1	10.6	4.5	3.0	9.1	12.1	10.6	9.1
21	7.6	15.1	16.6	16.6	9.1	9.1	13.6	12.1	22.7	6.0	27.2	- 8.0	3.0
22	9.1	9.1	12.1	15.1	9.1	12.1	7.6	6.0	1.5	4.5	9.1	19.7	15.1
23	12.1	13.6	15.1	19.7	9.1	9.1	9.1	7.6	12.1	-	-	6.0	12.1
24	13.6	15.1	-	-	-	-	-	-	4.5	9.1	13.6	18.1	12.1
25	18.1	27.2	27.2	22.7	21.2	18.1	18.1	19.7	27.2	34.2	21.2	21.2	16.6
26	15.1	15.1	13.6	13.6	7.6	3.0	-	-	-	12.1	19.7	24.2	9.1
27	7.6	9.1	13.6	13.6	7.6	12.1	9.1	7.6	12.1	18.1	12.1	13.6	7.6
28	4.5	9.1	10.6	18.1	15.1	12.1	10.6	9.1	10.6	12.1	12.1	15.1	7.6
29	22.7	12.1	13.6	36.3	12.1	10.6	12.1	6.0	9.1	9.1	18.1	10.6	6.0
30	19.7	19.7	19.7	16.6	-	-	-	-	7.6	12.1	6.0	16.6	9.1
31													
Prom	8.8	10.3	12.1	13.6	6.4	5.8	4.3	1.3	4.2	6.3	7.5	10.5	8.6
Var.	2.2	3.7	5.5	7.0	0.2	- 0.8	- 2.3	- 5.3	- 2.4	- 0.3	0.9	3.9	2.0

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	18.5	25.6	21.4	22.8	15.7	7.1	10.0	17.1	18.5	20.0	15.7	17.1	12.8
2	28.5	29.9	27.1	25.6	14.2	11.4	10.0	15.7	20.0	18.5	14.2	14.2	12.8
3	24.2	27.1	21.4	22.8	18.5	14.2	17.1	24.2	20.0	20.0	20.0	21.4	21.4
4	25.6	32.8	32.8	31.4	20.0	18.5	22.8	22.8	21.4	18.5	20.0	14.2	22.8
5	21.4	27.1	25.6	27.1	21.4	20.0	20.0	24.2	20.0	25.6	20.0	18.5	18.5
6	24.2	31.4	29.9	27.1	24.2	20.0	18.5	21.4	14.2	14.2	14.2	12.8	17.1
7	20.0	27.1	27.1	25.6	17.1	22.8	22.8	25.6	24.2	25.6	18.5	17.1	17.1
8	22.8	29.9	28.5	27.1	20.0	14.2	17.1	15.7	18.5	18.5	20.0	17.1	21.4
9	24.2	28.5	27.1	25.6	17.1	17.1	14.2	18.5	20.0	18.5	17.1	22.8	25.6
10	22.8	27.1	25.6	27.1	17.1	12.8	14.2	24.2	18.5	5.7	17.1	20.0	18.5
11	18.5	22.8	21.4	21.4	18.5	15.7	14.2	14.2	12.8	12.8	15.7	12.8	20.0
12	17.1	27.1	25.6	25.6	17.1	8.6	12.8	18.5	17.1	17.1	17.1	15.7	12.8
13	18.5	25.6	24.2	24.2	21.4	15.7	17.1	15.7	11.4	12.8	15.7	14.2	11.4
14	-	-	-	-	-	-	-	-	21.4	21.4	18.5	18.5	18.5
15	21.4	27.1	25.6	27.1	18.5	12.8	15.7	24.2	21.4	27.1	24.2	22.8	21.4
16	28.5	32.8	31.4	32.8	27.1	20.0	18.5	27.1	20.0	27.1	24.2	20.0	22.8
17	27.1	27.1	27.1	27.1	18.5	12.8	14.2	18.5	22.8	21.4	18.5	18.5	18.5
18	28.5	32.8	29.9	28.5	18.5	14.2	17.1	20.0	24.2	24.2	20.0	18.5	20.0
19	24.2	31.4	27.1	27.1	20.0	14.2	15.7	17.1	18.5	20.0	20.0	18.5	17.1
20	18.5	31.4	28.5	28.5	25.6	18.5	18.5	14.2	14.2	12.8	8.6	12.8	11.4
21	14.2	25.6	22.8	20.0	17.1	17.1	15.7	20.0	18.5	10.0	- 5.7	12.8	21.4
22	17.1	25.6	21.4	20.0	10.0	12.8	17.1	22.8	8.6	12.8	14.2	21.4	14.2
23	25.6	27.1	24.2	22.8	15.7	11.4	14.2	18.5	14.2	-	-	-	-
24	22.8	25.6	-	-	-	-	-	-	12.8	15.7	11.4	15.7	14.2
25	- 1.4	2.8	1.4	1.4	- 4.3	- 5.7	- 5.7	- 2.8	-17.0	-31.2	-22.7	- 2.8	1.4
26	24.2	28.5	25.6	25.6	15.7	12.8	-	-	-	15.7	18.5	18.5	15.7
27	12.8	17.1	18.5	17.1	5.7	11.4	12.8	14.2	17.1	14.2	15.7	20.0	20.0
28	20.0	29.9	27.1	25.6	15.7	18.5	17.1	25.6	22.8	18.5	24.2	25.6	24.2
29	27.1	34.2	31.4	27.1	24.2	17.1	18.5	27.1	18.5	22.8	21.4	21.4	25.6
30	32.8	31.4	28.5	27.1	-	-	-	-	14.2	21.4	21.4	24.2	25.6
31													
Prom	21.7	27.2	25.2	24.0	17.4	14.3	15.4	19.0	16.9	16.6	15.8	17.4	18.1
Var.	2.9	8.4	6.4	5.2	- 1.4	- 4.5	- 3.4	0.2	- 1.9	- 2.2	- 3.0	- 1.4	- 0.7

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
1.5	- 8.0	- 3.2	- 6.4	- 6.4	- 6.4	- 4.7	-12.7	-12.7	- 6.4	- 9.5	- 6.6	1
-14.3	-23.8	- 9.5	-19.1	- 9.5	-11.1	- 6.4	- 6.4	- 8.0	- 6.4	- 7.6	- 6.8	2
- 6.4	- 6.4	- 9.5	-15.9	-11.1	-14.2	-12.7	-13.6	- 7.6	- 1.6	- 3.2	- 4.0	2
3.0	- 8.0	- 9.5	-15.9	- 8.0	- 8.0	1.5	7.6	- 3.2	9.1	3.0	- 1.6	2
- 6.4	-11.1	-14.3	-14.3	3.0	- 6.4	- 4.7	- 9.5	13.6	6.0	4.5	- 1.4	2
3.0	1.5	- 8.0	- 6.4	- 8.0	6.0	4.5	- 3.2	- 4.7	9.1	3.0	1.4	1
- 1.6	- 3.2	1.5	4.7	14.5	3.0	1.5	1.5	7.6	7.6	6.0	3.5	1
10.6	- 8.0	- 3.2	-11.1	- 1.6	- 1.6	4.5	6.0	9.1	10.6	7.6	2.9	2
- 3.2	- 4.7	6.0	3.0	3.0	1.5	7.6	- 6.4	6.0	19.7	- 3.2	5.2	2
9.1	3.0	3.0	1.5	1.5	3.0	6.0	12.8	15.1	16.6	10.6	9.0	1
3.0	1.5	- 1.6	3.0	3.0	3.0	4.5	7.6	16.6	9.1	7.6	5.9	0
9.1	4.5	4.5	- 1.5	6.0	7.6	7.6	13.6	4.5	1.5	1.5	7.7	0
13.6	4.5	4.5	6.0	7.6	10.6	7.6	6.0	6.0	12.1	9.1	10.6	1
10.6	6.0	6.0	6.0	6.0	6.0	12.1	7.6	6.0	13.6	10.6	8.6	1
13.6	1.5	7.6	6.0	6.0	9.1	10.6	10.6	10.6	10.6	12.1	7.9	1
10.6	3.0	9.1	3.0	6.0	7.6	9.1	10.6	10.6	9.1	4.5	8.7	0
7.6	6.0	3.0	7.6	7.6	7.6	13.6	10.6	12.1	12.1	9.1	9.3	1
7.6	3.0	7.6	4.5	3.0	3.0	4.5	7.6	6.0	15.1	12.1	8.7	0
15.1	- 4.7	- 1.6	9.1	4.5	- 1.6	16.6	13.6	15.1	13.6	9.1	8.6	0
7.6	7.6	6.0	7.6	6.0	1.5	4.5	9.1	3.0	7.6	7.6	8.5	0
10.6	- 8.0	7.6	- 4.7	- 3.2	13.6	15.1	13.6	13.6	7.6	4.5	9.2	2
9.1	7.6	9.1	9.1	12.1	10.6	10.6	9.1	12.1	12.1	12.1	10.2	0
9.1	6.0	9.1	12.1	12.1	7.6	9.1	6.0	10.6	13.6	10.6	10.5	0
4.5	6.0	7.6	6.0	9.1	13.6	12.1	10.6	15.1	9.1	7.6	10.4	1
18.1	16.6	16.6	15.1	15.1	19.7	19.7	15.1	15.1	12.1	10.6	19.4	1
10.6	3.0	4.5	3.0	6.0	9.1	9.1	7.6	12.1	12.1	12.1	10.6	0
6.0	4.5	9.1	10.6	3.0	1.5	15.1	12.1	13.6	13.6	10.6	10.1	0
7.6	6.0	10.6	13.6	9.1	7.6	3.0	13.6	15.1	18.1	12.1	11.0	1
- 6.4	3.0	1.5	4.5	10.6	4.5	10.6	6.0	9.1	24.2	21.4	11.1	2
10.6	9.1	10.6	4.5	9.1	1.5	19.7	9.1	22.7	18.1	16.6	12.9	1
5.8	0.6	2.8	1.5	3.9	3.6	7.1	6.8	8.7	10.3	7.2	6.6	
- 0.8	- 6.0	- 3.8	- 5.1	- 2.7	- 3.0	0.5	0.2	2.1	3.7	0.6		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
7.1	12.8	15.7	11.4	10.0	10.0	15.7	17.1	24.2	24.2	25.6	16.1	2
17.1	17.1	17.1	12.8	17.1	12.8	17.1	17.1	21.4	21.4	21.4	18.1	2
20.0	18.5	18.5	18.5	15.7	14.2	15.7	17.1	22.8	27.1	24.2	20.2	1
21.4	22.8	20.0	18.5	15.7	15.7	20.0	21.4	25.6	24.2	24.2	22.2	1
22.8	24.2	20.0	14.2	17.1	15.7	22.8	24.2	22.8	28.5	22.8	21.8	2
17.1	21.4	20.0	18.5	12.8	15.7	11.4	14.2	14.2	21.4	21.4	19.0	2
20.0	17.1	20.0	18.5	14.2	14.2	17.1	20.0	21.4	27.1	20.0	20.8	1
18.5	24.2	7.1	20.0	12.8	15.7	14.2	17.1	25.6	24.2	21.4	19.6	1
21.4	18.5	17.1	15.7	20.0	17.1	24.2	18.5	24.2	27.1	27.1	21.1	1
17.1	15.7	17.1	15.7	15.7	12.8	14.2	18.5	22.8	20.0	18.5	18.3	1
12.8	17.1	10.0	10.0	12.8	8.6	10.0	15.7	18.5	24.2	21.4	15.9	2
14.2	20.0	14.2	14.2	17.1	15.7	11.4	18.5	18.5	21.4	20.0	17.4	2
18.5	24.2	18.5	14.2	14.2	17.1	12.8	12.8	17.1	21.4	17.1	17.3	1
18.5	12.8	15.7	15.7	15.7	14.2	17.1	17.1	15.7	25.6	20.0	17.9	1
24.2	17.1	22.8	21.4	17.1	22.8	18.5	24.2	17.1	31.4	25.6	22.6	1
21.4	17.1	21.4	17.1	17.1	18.5	12.8	20.0	24.2	27.1	24.2	23.0	2
17.1	22.8	18.5	22.8	17.1	15.7	22.8	18.5	27.1	32.8	27.1	21.4	2
18.5	21.4	21.4	18.5	15.7	20.0	20.0	15.7	21.4	27.1	21.4	21.6	1
24.2	28.5	18.5	12.8	17.1	22.8	17.1	20.0	27.1	31.4	25.6	21.5	0
20.0	18.5	15.7	18.5	14.2	11.4	12.8	12.8	14.2	25.6	18.5	17.7	0
20.0	14.2	15.7	22.8	20.0	17.1	14.2	18.5	20.0	24.2	18.5	17.3	2
20.0	15.7	14.2	22.8	18.5	32.8	17.1	22.8	17.1	24.2	22.8	18.6	2
-	4.3	14.2	14.2	15.7	14.2	12.8	14.2	12.8	15.7	5.7	15.6	2
14.2	22.8	22.8	14.2	18.5	17.1	18.5	18.5	20.0	28.5	21.4	18.6	1
- 1.4	- 7.1	- 8.5	- 5.7	- 8.5	- 8.5	- 5.7	- 8.6	20.0	24.2	17.1	- 3.3	2
18.5	12.8	12.8	18.5	17.1	17.1	17.1	15.7	20.0	22.8	18.5	18.6	1
20.0	15.7	18.5	14.2	18.5	18.5	17.1	14.2	20.0	21.4	14.2	16.2	2
21.6	21.4	8.6	31.4	20.0	18.5	18.5	24.2	25.6	24.2	21.4	21.7	1
24.2	12.8	20.0	15.7	24.2	21.4	20.0	25.6	28.5	28.5	24.2	23.4	2
21.4	25.6	20.0	28.5	25.6	21.4	24.2	22.8	27.1	28.5	22.8	24.7	1
18.3	17.1	16.2	16.5	16.0	16.0	16.0	17.6	21.6	25.2	21.1	18.8	
- 0.5	- 1.1	- 2.6	- 2.3	- 2.8	- 2.8	- 2.8	- 1.2	2.8	6.4	2.3		

PRESIÓN ATMOSFÉRICA

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	60.4	60.0	59.6	59.1	59.0	59.4	59.6	59.4	59.6	59.3	58.9	58.6	57.8	57.4	57.6
2	60.4	60.2	60.5	60.5	60.8	61.0	61.3	61.9	61.9	61.9	61.9	61.6	61.2	60.7	60.8
3	61.5	61.1	60.7	60.7	60.7	60.8	61.0	60.9	61.4	60.9	60.5	60.0	59.3	58.5	58.2
4	58.7	58.5	58.0	58.0	57.9	58.0	58.3	58.6	58.6	58.4	58.0	57.4	57.1	56.3	56.3
5	59.6	60.2	60.1	60.7	61.0	61.9	62.7	63.6	63.7	64.1	64.3	64.2	63.9	63.7	63.6
6	65.5	65.3	64.7	64.7	64.8	65.3	65.4	65.6	65.5	65.4	64.9	64.2	63.5	63.0	62.4
7	62.1	61.8	61.7	61.6	61.7	61.9	61.9	62.1	61.9	61.7	61.3	60.4	59.6	58.9	58.6
8	58.7	58.6	58.3	58.2	58.1	58.2	58.3	58.4	58.5	58.5	58.6	58.1	57.6	57.4	57.3
9	57.8	57.7	57.4	57.1	57.0	57.1	57.6	57.1	57.0	56.8	56.8	56.5	55.7	54.9	55.0
10	54.9	54.7	54.4	53.9	53.9	53.5	53.5	53.4	53.7	54.0	54.3	54.0	53.8	53.5	53.8
11	55.2	55.1	55.1	55.2	55.3	55.5	55.8	56.2	56.5	56.7	56.8	56.8	56.7	56.6	56.2
12	58.4	58.4	58.6	58.5	58.7	59.2	59.4	60.1	60.3	60.6	60.6	60.5	60.2	59.8	59.5
13	59.9	59.5	59.7	59.7	59.6	61.3	61.0	60.8	61.7	60.7	60.2	59.8	59.3	58.5	58.0
14	58.0	58.0	57.8	57.8	57.9	58.2	58.8	58.8	59.2	59.3	59.1	58.8	58.5	58.0	57.8
15	56.9	56.7	56.5	56.5	56.6	56.7	57.1	57.2	57.3	57.4	57.4	57.2	56.8	56.6	56.5
16	57.4	57.5	57.6	57.8	57.5	57.7	58.1	58.6	58.8	59.1	59.2	58.9	58.7	58.6	58.6
17	60.5	60.4	60.4	60.5	60.6	60.8	61.2	61.1	61.3	61.2	61.1	60.6	60.1	59.6	59.3
18	58.4	58.1	57.7	57.6	57.6	57.7	57.8	57.7	57.7	57.6	57.4	56.6	56.1	55.4	54.8
19	54.3	54.1	53.8	53.7	53.7	54.0	54.0	53.8	54.0	54.0	53.7	53.2	52.6	52.2	51.8
20	55.2	55.1	55.6	55.9	56.3	57.1	57.4	58.2	58.4	58.8	58.8	58.2	57.7	57.6	57.7
21	59.5	59.5	59.4	59.2	59.4	59.6	60.2	60.4	60.2	60.2	59.7	59.1	58.5	57.8	57.2
22	59.7	59.8	60.3	60.5	60.7	61.3	61.8	62.5	62.8	62.9	63.1	62.9	62.5	62.2	62.1
23	65.2	65.4	65.3	65.3	65.7	66.0	66.0	66.3	66.6	66.6	66.6	66.3	66.2	66.1	66.0
24	67.6	67.7	67.6	67.6	67.6	67.8	68.0	68.1	68.2	68.4	68.0	67.8	67.0	66.5	66.1
25	66.2	66.2	66.5	66.3	65.8	65.5	65.9	67.4	67.8	67.6	67.2	66.8	65.8	65.6	65.0
26	65.3	65.3	65.0	65.0	64.8	64.9	65.1	65.2	65.3	65.2	65.2	65.1	64.6	64.4	64.2
27	65.8	65.7	65.8	65.7	65.8	65.9	66.2	66.4	66.6	66.9	67.0	66.7	66.2	66.0	65.9
28	66.3	66.2	66.1	66.0	66.1	66.1	66.2	66.5	66.8	66.9	66.8	66.6	66.2	65.9	65.7
29	64.6	64.5	63.8	63.7	63.4	63.5	64.0	64.2	64.4	64.5	64.5	64.6	64.6	64.3	64.1
30	65.1	64.9	64.7	64.6	64.8	64.8	64.9	64.9	64.9	64.8	64.8	64.3	63.7	63.0	62.6
31															
Prom	60.6	60.5	60.4	60.4	60.4	60.7	60.9	61.2	61.4	61.3	61.2	60.9	60.4	60.0	59.8

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	6.4	6.4	6.6	7.6	8.0	8.5	10.7	12.4	12.4	13.0	15.5	15.6	16.9	19.6	18.5
2	11.3	11.2	10.3	9.8	9.5	9.0	9.1	11.2	13.1	14.4	14.6	15.4	15.4	16.0	16.2
3	9.0	7.9	7.6	7.9	8.0	8.4	8.4	12.6	15.3	17.6	18.9	20.2	21.6	22.2	22.2
4	12.6	12.5	12.3	12.3	12.4	12.4	13.2	15.6	17.7	19.7	21.4	22.7	23.4	24.2	24.4
5	15.7	15.6	14.7	14.8	14.9	14.5	14.0	14.8	16.5	18.1	19.0	19.7	20.5	20.8	20.7
6	8.6	7.8	7.2	6.9	6.3	5.8	6.3	13.6	15.7	17.3	18.4	19.3	20.1	20.6	20.8
7	12.8	12.5	11.9	11.5	11.3	10.7	12.9	15.0	17.0	19.6	21.7	23.1	23.6	24.2	24.2
8	12.0	11.3	10.8	10.1	9.8	9.8	10.4	16.6	20.8	23.0	25.0	26.2	26.8	26.8	26.2
9	18.7	18.5	18.2	17.5	16.7	17.7	18.4	20.0	23.1	25.4	26.9	26.1	26.6	26.6	26.2
10	18.3	17.8	17.9	17.9	18.0	18.0	18.0	18.2	18.0	18.2	18.6	19.1	20.1	21.0	20.4
11	16.2	16.2	16.3	16.0	15.8	15.7	15.6	17.0	18.5	19.1	20.5	21.5	21.4	22.0	22.2
12	12.6	12.5	12.1	11.7	11.0	9.9	10.8	15.0	18.2	20.1	21.8	23.4	23.7	23.8	24.0
13	15.4	15.4	14.7	14.2	14.6	15.2	15.0	17.0	17.5	19.1	20.4	21.6	22.5	23.2	23.2
14	14.8	14.8	14.6	14.2	13.6	13.5	14.0	16.4	18.6	21.6	24.0	26.2	27.0	27.4	27.7
15	18.9	18.3	17.5	17.3	16.9	16.9	17.1	19.6	21.9	24.1	25.5	26.9	27.5	28.2	28.3
16	18.1	17.7	16.6	16.0	15.7	15.6	15.5	19.2	21.4	23.5	24.7	25.1	25.5	26.0	26.2
17	12.3	12.3	11.4	11.0	11.0	10.4	10.9	13.8	16.3	19.2	20.4	21.1	22.0	23.0	23.1
18	16.1	15.6	15.6	15.1	14.5	14.5	14.7	16.4	19.4	21.7	24.1	25.7	26.5	26.8	27.1
19	18.3	17.1	16.6	16.5	16.1	16.4	16.5	19.6	21.5	23.2	25.3	26.3	26.8	27.6	26.4
20	15.7	15.7	15.2	14.4	13.8	13.3	13.5	14.2	16.5	16.8	18.3	18.9	19.5	19.6	19.6
21	10.9	10.6	9.0	7.9	7.0	5.9	6.1	10.2	13.8	16.6	17.7	18.7	19.4	20.0	20.1
22	10.6	10.1	8.3	7.3	6.5	6.0	5.6	8.0	10.2	12.4	14.2	15.3	15.6	15.4	15.3
23	5.1	4.4	3.8	3.4	3.2	2.9	2.8	5.4	8.2	10.2	11.8	12.6	12.8	13.6	13.8
24	2.2	1.6	1.4	1.0	0.3	- 0.5	- 1.1	4.6	9.3	11.3	12.2	13.3	13.8	14.4	14.5
25	8.0	8.0	8.0	8.0	8.0	8.7	8.6	9.0	10.8	13.0	14.5	15.4	16.3	16.0	16.0
26	11.5	11.9	11.0	10.4	10.4	9.3	8.6	10.2	11.8	14.8	16.4	16.7	18.1	18.0	17.9
27	9.1	8.5	8.8	8.9	9.5	9.9	9.9	10.0	10.6	11.4	12.8	13.2	14.3	15.6	16.6
28	7.1	6.7	5.7	5.1	4.5	4.4	3.8	5.8	8.1	11.0	14.0	16.4	17.3	18.0	18.4
29	8.9	7.3	5.8	5.0	4.3	3.9	3.8	11.0	14.8	16.6	17.4	18.0	18.6	18.6	18.9
30	6.1	6.4	8.2	8.8	9.5	8.8	8.8	11.8	14.8	17.2	19.2	20.5	20.8	21.4	21.6
31															
Prom	12.1	11.8	11.3	10.9	10.7	10.5	10.7	13.5	15.7	17.6	19.2	20.1	20.8	21.4	21.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
57.8	58.2	58.6	58.9	59.4	59.8	60.1	60.1	60.4	60.6	0	57.4	14	3.2	759.1 mm.	1012.1 mb.
60.7	60.7	60.9	61.1	61.6	61.6	61.6	61.6	61.7	62.0	10-11	60.1	2-3	1.9	61.2	1014.9
58.0	57.9	57.9	57.9	58.6	58.6	58.5	58.5	58.6	61.7	0	57.8	18-19	3.9	59.6	1012.8
56.4	56.7	57.1	57.8	58.4	58.5	58.9	59.1	59.2	59.2	24	56.3	14,15	2.9	57.9	1010.5
63.7	64.1	64.4	64.7	65.0	65.5	65.7	65.8	65.7	65.8	23	59.2	0	6.6	63.4	1017.8
62.0	61.9	61.9	62.0	62.1	62.2	62.2	62.3	62.3	65.7	0	61.9	17,18	3.8	63.7	1018.2
58.4	58.4	58.4	58.7	59.0	59.1	58.9	58.9	58.7	62.3	0	58.4	16,17,18	3.9	60.2	1013.6
57.0	56.8	56.4	56.7	56.8	57.1	57.5	57.6	56.8	58.7	0,1	56.4	18	2.3	57.7	1010.2
54.8	55.0	55.1	55.6	56.0	55.9	55.7	55.5	55.3	57.8	1	54.7	15-16	3.1	56.3	1008.4
53.7	53.7	53.9	54.1	55.0	55.1	55.4	55.4	55.2	55.3	0	53.7	16,17	1.6	54.2	1005.6
56.2	56.5	56.8	57.3	57.8	58.1	58.4	58.5	58.5	58.5	23,24	55.1	2,3	3.4	56.6	1008.8
59.5	59.4	59.6	59.8	60.0	60.0	59.9	59.9	59.9	60.7	10-11	58.4	1,2	2.3	59.6	1012.8
57.7	57.6	57.9	58.0	58.0	58.0	58.0	58.1	58.1	61.9	8-9	57.6	17	4.3	59.2	1012.1
57.3	57.1	57.1	57.1	57.2	57.2	57.4	57.4	57.1	59.3	10	57.0	17-18	2.3	58.0	1010.6
56.2	56.2	56.4	56.3	56.8	56.9	57.0	57.5	57.5	57.5	10-11	56.2	16,17	1.3	56.8	1009.0
58.9	58.9	59.1	59.5	59.8	60.3	60.5	60.7	60.8	60.8	24	57.4	1	3.4	58.8	1011.7
59.4	59.2	58.9	59.1	59.1	59.0	58.7	58.7	58.5	61.3	9	58.5	24	2.8	60.0	1013.3
54.7	54.5	54.3	54.6	54.6	54.6	54.6	54.8	54.6	58.5	0	54.3	18	4.2	56.2	1008.2
52.2	52.3	52.9	53.2	53.6	54.1	55.2	54.8	54.9	55.2	22	51.8	15	3.4	53.6	1004.8
57.9	57.7	57.8	58.2	58.4	58.6	58.7	58.9	59.3	59.3	24	54.9	24	4.4	57.6	1010.1
57.2	57.2	57.0	57.2	58.3	58.5	58.9	59.4	59.6	60.4	8	57.0	18	3.4	58.9	1011.8
62.1	62.2	62.5	63.2	64.0	64.2	64.4	64.8	65.1	65.1	24	59.6	0	5.5	62.4	1016.5
66.0	66.1	66.2	66.6	66.7	66.9	67.1	67.3	67.5	67.5	24	65.1	0	2.4	66.2	1021.6
65.7	65.6	65.6	65.6	65.3	65.3	65.4	65.5	65.8	68.4	10	65.3	20,21	3.1	66.8	1022.4
64.9	64.7	64.7	64.6	64.6	64.7	64.9	65.0	65.1	67.8	9	64.6	19,20	3.2	65.8	1021.0
64.1	64.3	64.6	65.0	65.3	65.5	65.9	65.9	65.9	65.9	22, 23,24	64.8	5	1.1	65.0	1020.0
66.0	66.0	66.1	66.4	66.9	67.0	66.9	66.9	66.6	67.0	11,21	65.4	2,4	1.6	66.3	1021.7
65.6	65.5	65.4	65.3	65.2	65.1	64.9	64.8	64.7	66.9	10	64.7	24	2.2	65.9	1021.2
63.9	63.8	63.7	64.3	64.6	64.6	64.7	64.8	64.9	64.9	24	63.7	18	1.2	64.2	1018.9
62.6	62.6	62.7	62.8	63.0	63.0	63.2	63.4	63.6	65.1	1	62.6	15,16,17	2.5	63.9	1018.5
59.7	59.7	59.8	60.0	60.4	60.5	60.6	60.7	60.7	62.0		59.0		3.0	60.5	1014.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.8	14.9	18.4	12.7	12.4	12.4	12.3	12.1	11.6	19.7	14-15	6.3	1-2	13.4	12.5
15.9	15.6	14.7	13.4	13.4	13.1	11.9	10.8	10.0	16.2	15	9.0	6	7.2	12.7
22.3	21.2	18.7	16.5	15.2	14.2	13.6	13.3	13.2	22.3	16	7.6	3	14.7	14.8
24.4	23.4	21.0	19.0	17.8	17.3	16.7	16.4	15.8	24.4	15,16	12.3	3,4	12.1	17.9
19.7	17.6	15.9	15.0	14.2	13.3	11.4	10.4	9.1	20.9	15-16	9.1	24	11.8	15.9
20.6	19.2	17.0	16.1	15.4	14.8	14.1	13.7	13.3	20.8	15	5.6	6-7	15.2	14.1
23.8	22.6	19.8	17.6	17.0	16.6	15.9	15.0	13.2	24.4	14-15	10.7	6	13.7	17.2
26.1	25.2	22.4	20.1	19.4	19.3	19.1	19.0	18.8	26.8	13,14	9.8	5,6	17.0	19.0
24.1	22.8	21.9	21.2	21.2	20.5	20.3	19.6	19.1	27.0	11-12	16.7	5	10.3	21.6
20.0	19.4	18.9	18.7	18.2	17.7	17.1	16.8	16.5	21.0	14	16.5	24	4.5	18.4
22.2	21.5	18.5	17.2	15.6	14.6	13.8	13.5	13.0	22.2	15,16	13.0	24	9.2	17.7
23.2	21.2	19.0	17.1	16.0	14.9	14.4	14.4	15.3	24.0	15	9.7	6-7	14.3	16.9
23.4	22.6	20.8	18.9	17.8	17.2	16.4	16.1	15.7	23.4	16	14.2	4	9.2	18.2
27.4	26.1	23.1	21.8	21.0	20.9	20.2	19.4	19.2	27.7	15	13.5	6	14.2	20.3
28.0	26.4	23.9	22.4	22.4	22.0	20.6	19.4	18.0	28.3	15	16.9	3,5	11.4	22.0
25.8	23.2	19.4	16.8	15.4	14.3	13.1	12.6	12.4	26.3	15-16	12.4	24	13.9	19.2
22.6	20.8	19.0	17.5	17.2	16.7	16.6	16.6	16.1	23.1	15	10.4	6	12.7	16.7
26.3	25.0	22.7	21.1	20.4	20.3	20.2	19.2	19.2	27.2	15-16	14.5	5,6	12.7	20.3
25.9	24.9	23.3	22.3	21.2	20.0	19.4	17.8	16.5	27.6	14	16.1	5	11.5	21.1
19.1	18.2	16.8	15.6	14.8	14.3	13.7	13.3	11.7	19.6	14,15	11.7	24	7.9	15.9
19.6	17.1	14.8	13.6	13.2	11.4	10.0	9.4	9.9	20.1	15	5.7	6-7	14.4	13.0
14.2	13.5	11.3	9.8	10.0	9.6	8.2	7.3	6.2	16.1	14-15	5.6	7	10.5	10.4
12.6	11.3	8.6	7.0	6.0	5.0	4.0	3.3	2.5	13.8	15	2.5	24	11.3	7.3
14.1	11.8	10.4	9.4	8.8	8.5	8.0	7.3	8.0	14.5	15	- 1.1	7	15.6	7.7
15.6	14.9	14.2	13.5	12.4	11.9	11.5	11.7	11.7	16.3	13	8.0	varios	8.3	11.9
17.0	15.8	13.8	12.5	11.8	12.0	12.2	11.5	10.0	18.1	13	8.5	7-8	9.6	13.1
16.6	15.4	14.5	13.8	13.0	12.3	10.3	8.9	7.8	16.8	15-16	7.8	24	9.0	11.7
16.5	15.2	13.7	13.1	12.6	10.6	9.6	9.4	9.1	18.5	15-16	3.8	7	14.7	10.7
17.5	16.5	13.8	11.6	10.4	11.4	12.5	10.0	6.8	18.9	15	3.9	6	15.0	11.8
19.9	18.0	16.0	14.5	13.4	12.8	11.5	11.1	10.9	21.7	15-16	6.1	1	15.6	13.8
20.6	19.4	17.5	16.0	15.2	14.7	14.0	13.3	12.7	21.6		9.6		12.0	15.5

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	95	83	81	79	79	79	72	69	76	75	66	67	68	58	88
2	97	97	96	96	96	95	95	90	82	71	60	52	55	53	53
3	92	96	98	99	99	98	98	83	68	63	56	49	47	45	45
4	89	89	89	87	85	82	81	70	61	56	51	49	49	48	48
5	83	84	86	86	90	87	81	78	67	52	50	50	46	47	45
6	97	96	95	96	97	97	96	82	71	63	61	60	60	59	60
7	95	94	94	94	94	94	90	76	70	64	62	60	52	51	51
8	99	100	100	100	100	100	100	94	80	69	59	56	55	58	56
9	92	91	92	94	96	97	96	92	84	72	64	68	66	63	66
10	95	96	96	96	96	97	97	98	98	98	97	97	93	89	89
11	96	96	95	94	94	93	91	82	71	68	67	65	59	58	55
12	96	96	95	95	95	95	95	93	73	68	63	55	50	49	44
13	88	86	86	89	84	79	87	81	75	74	69	68	66	65	65
14	95	95	95	95	95	96	96	96	88	69	58	57	60	60	57
15	87	90	92	92	95	95	93	85	79	70	66	63	60	60	59
16	85	86	91	96	97	98	98	73	59	42	35	35	33	33	34
17	89	87	90	96	97	97	96	86	79	72	72	70	68	64	63
18	96	93	87	87	87	86	81	77	65	60	55	56	57	56	55
19	85	87	90	91	93	87	87	79	75	72	75	60	58	59	65
20	88	83	83	88	93	95	95	95	88	86	81	76	69	67	62
21	87	87	91	96	99	99	98	84	58	46	47	45	40	34	35
22	66	70	78	82	83	81	80	72	71	63	60	51	51	48	48
23	91	92	94	95	95	95	94	81	72	65	54	52	50	50	45
24	99	100	100	100	100	100	99	90	63	53	50	47	47	44	43
25	88	85	85	86	87	82	85	86	69	54	50	47	43	45	47
26	78	72	75	80	81	84	88	83	76	73	69	68	65	60	61
27	91	93	91	90	90	90	90	89	88	84	79	80	75	73	68
28	100	100	100	100	100	100	100	98	98	97	76	66	53	53	56
29	93	92	92	92	93	93	94	98	88	77	68	66	61	64	66
30	94	94	95	96	97	97	98	98	84	72	70	60	57	54	52
31															
Prom.	91	90	91	92	93	92	92	85	76	68	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	6.6	5.8	6.0	6.0	6.2	6.4	7.0	7.5	8.0	8.0	8.5	8.5	9.5	9.9	13.5
2	9.5	9.5	9.0	8.5	8.5	7.4	7.8	8.9	9.0	8.5	7.0	6.8	6.8	7.3	7.2
3	7.8	7.6	7.6	7.6	7.8	7.8	7.8	9.1	8.5	9.0	9.0	8.0	9.0	9.2	8.5
4	9.5	9.0	9.0	9.0	8.5	8.5	9.0	9.3	9.0	9.5	10.0	9.5	10.0	10.9	10.5
5	11.0	10.5	10.5	11.0	11.0	10.5	9.5	9.8	9.5	8.0	7.8	8.0	8.5	8.8	7.8
6	8.0	7.6	7.0	7.2	6.8	6.6	6.8	9.5	9.5	9.0	9.5	9.5	10.0	10.7	10.5
7	10.0	10.0	9.5	9.0	9.0	8.5	9.5	9.7	9.5	10.5	12.0	12.0	11.0	11.6	11.5
8	10.0	9.5	9.0	9.0	8.5	8.5	9.0	13.2	14.0	14.0	13.5	14.5	13.5	15.2	14.5
9	14.5	14.5	14.0	13.5	13.5	14.5	15.0	16.1	17.0	17.5	16.5	17.0	17.5	16.5	17.0
10	14.5	14.5	14.5	14.5	15.0	15.0	15.0	15.2	15.0	15.0	15.5	16.0	16.0	15.8	15.5
11	13.0	13.0	12.5	12.5	12.0	12.0	12.0	12.6	11.5	11.0	12.0	11.5	10.5	11.4	10.5
12	10.5	10.5	9.5	9.5	9.0	8.5	8.5	11.9	11.0	11.5	12.0	11.0	10.0	10.9	9.5
13	11.0	11.0	10.5	10.5	10.0	10.0	11.0	11.8	10.5	11.5	12.0	13.0	13.5	13.8	13.0
14	11.5	11.5	11.5	11.0	10.5	11.0	11.5	13.3	13.5	13.0	12.5	14.5	15.0	16.3	15.5
15	14.0	13.5	13.5	13.5	13.0	13.0	13.5	14.4	15.0	15.0	16.0	16.5	15.5	17.3	16.0
16	12.5	13.0	13.0	13.0	12.5	12.5	12.5	11.8	10.5	9.0	7.6	7.6	7.8	8.6	8.0
17	9.0	9.0	8.5	9.5	9.5	9.0	9.0	10.2	10.5	12.0	12.5	12.5	13.0	13.3	13.0
18	13.0	12.0	11.5	11.0	10.5	10.5	10.0	10.7	10.5	11.0	11.5	14.0	14.5	14.6	14.0
19	12.5	12.5	12.0	12.0	12.5	12.0	12.0	13.4	13.5	15.0	15.0	14.5	15.0	16.2	16.0
20	11.5	11.0	10.5	10.5	10.5	10.5	10.5	10.9	12.0	12.0	12.5	12.5	11.0	11.3	10.5
21	8.5	8.0	7.8	7.6	7.2	6.6	6.8	7.8	6.6	6.6	7.2	6.8	6.2	6.1	5.6
22	6.4	6.2	6.2	6.2	5.8	5.6	5.2	5.8	6.6	6.6	6.8	6.8	6.8	6.4	6.2
23	6.0	5.8	5.4	5.4	5.2	5.2	5.0	5.4	5.8	5.8	5.4	5.6	5.2	5.8	5.0
24	5.2	5.0	4.8	4.6	4.4	4.2	4.0	5.7	5.4	5.2	5.0	5.4	5.6	5.3	5.2
25	7.0	6.6	6.6	7.0	7.0	6.8	6.8	6.9	6.4	5.8	5.8	6.2	5.8	6.1	6.4
26	7.8	7.4	7.0	7.2	7.6	7.2	7.2	8.2	7.8	9.0	9.0	9.5	9.5	9.2	9.5
27	7.8	7.6	7.8	7.4	7.6	7.8	7.8	8.2	8.0	8.0	8.5	8.5	8.5	9.6	9.5
28	7.2	7.0	6.6	6.4	6.0	6.0	5.8	6.2	7.8	9.5	9.0	9.0	7.6	8.1	9.0
29	7.8	7.0	6.4	6.0	5.6	5.6	5.4	9.5	11.0	10.5	10.0	10.0	10.0	10.2	11.0
30	6.4	6.6	7.4	8.0	8.5	8.0	8.0	10.1	10.0	10.5	11.0	10.0	10.5	10.2	10.0
31															
Prom.	9.5	9.4	9.2	9.1	9.0	8.9	9.0	10.1	10.1	10.2	10.4	10.5	10.4	10.9	10.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
94	95	96	98	98	98	97	96	96	98	varios	58	14	40	83
58	61	72	76	77	77	80	85	88	97	1,2	51	12-13	46	78
45	52	66	75	84	87	87	87	88	99	4,5	45	14,15,16	54	75
49	56	66	75	82	84	86	86	87	89	1,2,3	47	14-15	42	71
59	67	75	78	80	84	92	94	95	95	24	45	15	50	73
61	66	80	87	89	93	97	97	97	97	varios	59	14	38	82
52	59	76	85	90	90	94	96	98	98	24	51	14,15	47	78
57	59	77	86	87	90	90	91	92	100	varios	54	12-13	46	81
74	85	90	91	92	88	88	92	95	97	6	63	11-12	34	84
91	92	93	93	96	98	98	97	97	98	varios	89	14,15	9	95
54	58	83	86	91	92	93	95	95	97	0	53	15-16	44	80
61	65	75	77	75	85	83	86	88	96	1,2	44	15	52	77
66	72	78	86	90	92	93	93	95	95	24	65	14,15	30	80
58	65	75	75	76	78	80	84	86	96	6,7,8	56	11-12	40	79
59	64	73	79	74	72	75	80	86	95	5,6	59	15,16	36	77
37	48	67	78	80	85	87	89	89	98	6-7	31	13-14	67	69
65	71	80	86	88	90	90	92	94	97	5,6	61	14-15	36	82
60	69	75	81	85	85	85	87	84	96	1	54	10-11	42	75
70	74	79	69	63	68	72	86	87	93	5	58	13	35	76
72	81	87	87	80	82	84	85	85	95	6,7,8	62	15	33	83
40	53	59	61	64	72	80	73	69	99	5,6	34	14	65	68
50	52	59	65	63	71	80	84	90	90	24	48	14,15	42	67
51	58	74	81	85	89	94	96	97	97	24	44	15-16	53	77
42	59	69	75	78	80	80	86	86	100	varios	42	16	58	75
50	55	62	65	72	76	77	76	79	88	1	42	13-14	46	69
64	68	75	80	83	81	80	83	89	89	24	60	14	29	76
69	75	78	81	84	85	93	98	100	100	24	66	15-16	34	85
72	75	84	88	90	91	92	92	93	100	varios	53	13,14	47	86
69	73	83	87	90	91	92	92	93	98	8	61	13	37	84
66	73	78	84	86	86	90	94	95	98	7,8	51	14-15	47	82
60	67	76	80	82	85	87	89	90	96		53		43	78

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.5	11.5	15.0	10.5	10.5	10.0	10.0	10.0	9.5	15.0	18	6.0	3,4	9.0	10.7
7.6	8.0	9.0	8.5	8.9	8.5	8.5	7.8	7.8	9.5	1,2	6.8	12,13	2.7	8.2
8.5	9.5	10.0	10.0	11.0	10.5	10.0	9.5	9.5	11.0	20	7.6	2,3,4	3.4	8.9
10.5	12.0	12.5	11.5	12.4	12.0	12.0	12.0	11.5	12.5	18	8.5	5,6	4.0	10.3
9.5	10.0	9.5	9.5	9.6	8.5	9.0	8.5	7.8	11.0	1,4,5	7.8	11,15,24	3.2	9.3
11.0	11.0	11.0	11.5	11.6	11.5	11.5	11.0	11.0	11.6	20	6.6	6	5.0	9.6
11.5	11.5	13.0	12.0	12.9	12.0	12.0	12.0	11.0	13.0	18	8.5	6	4.5	10.9
14.5	13.5	15.5	15.0	14.5	14.5	14.0	15.0	14.5	15.5	18	8.5	5,6	7.0	12.8
16.0	17.0	17.0	17.0	13.4	15.5	15.5	15.5	15.0	17.5	10,13	13.4	20	4.1	15.7
16.0	15.5	15.0	14.5	14.9	14.5	14.0	14.0	13.5	16.0	12,13,16	13.5	24	2.5	15.0
10.5	11.0	12.5	12.5	12.1	11.5	10.5	10.5	10.0	13.0	1,2	10.0	24	3.0	11.6
13.0	11.5	11.5	11.0	10.1	10.0	10.0	10.5	11.6	13.0	16	8.5	6,7	4.5	10.5
14.5	14.5	14.0	14.0	13.6	13.5	12.5	12.5	12.0	14.5	16,17	10.0	5,6	4.5	12.2
15.5	15.5	15.0	14.0	14.2	14.0	13.5	13.5	14.5	16.3	14	10.5	5	5.8	13.4
16.0	16.0	16.0	15.5	14.9	14.0	13.0	13.0	13.0	17.3	14	13.0	varios	4.3	14.6
9.0	10.0	11.0	11.0	10.5	10.0	9.5	9.5	9.0	13.0	2,3,4	7.6	11,12	5.4	10.4
12.5	13.0	12.5	13.0	12.8	12.0	12.0	13.0	12.5	13.3	14	8.5	3	4.8	11.4
14.5	15.5	14.5	15.0	15.2	14.5	14.5	14.5	13.5	15.5	17	10.0	7	5.5	13.0
16.5	17.0	16.5	13.5	11.8	11.5	12.0	13.0	12.0	17.0	17	11.5	21	5.5	13.7
11.5	12.5	12.5	12.0	10.1	10.0	9.5	10.0	9.0	12.5	varios	9.0	24	3.5	11.0
6.4	7.6	7.2	7.2	7.2	7.2	7.6	6.4	6.0	8.5	1	5.6	15	2.9	7.0
5.6	6.0	5.6	5.6	6.0	6.4	6.2	6.2	6.2	6.8	11,12,13	5.2	7	1.6	6.1
5.6	5.6	6.0	6.2	5.9	5.6	5.0	5.6	5.2	6.2	19	5.0	7,15,22	1.2	5.5
5.0	5.8	6.2	6.4	6.6	6.2	6.2	6.6	7.0	7.0	24	4.0	7	3.0	5.5
6.2	6.6	7.4	7.0	7.7	7.8	7.8	7.8	7.8	7.8	varios	5.8	10,11,13	2.0	6.8
9.0	9.0	8.5	8.0	8.6	9.0	8.0	8.0	7.8	9.5	12,13,15	7.0	3	2.5	8.3
9.5	9.0	9.5	9.5	9.4	8.5	8.5	8.0	7.6	9.6	14	7.4	4	2.2	8.4
10.0	9.0	9.5	9.5	9.9	8.5	8.0	8.0	7.8	10.0	16	5.8	7	4.2	8.0
10.0	10.0	9.5	8.5	8.4	9.0	10.0	8.5	6.8	11.0	9,15	5.4	7	5.6	8.6
11.5	11.0	10.5	10.0	9.9	9.5	8.5	9.0	8.5	11.5	16	6.4	1	5.1	9.3
11.0	11.2	11.4	11.0	10.8	10.5	10.3	10.3	9.9	12.2		8.1		4.1	10.2

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	W	2	W	2	W	4	W	5	W	4	W	5	W	2	C	0	W	6	W	3	W	5	W	13	W	13	W	11	SW	10
2	SW	7	S	9	S	7	SW	6	SW	8	SW	8	SW	7	SW	9	SW	11	SW	11	SW	13	SW	12	SW	14	SW	11	SW	13
3	S	4	SW	2	S	2	S	4	W	2	W	4	W	2	C	0	NW	3	NW	9	NW	12	NW	16	NW	16	NW	20	NW	18
4	N	9	N	10	N	5	N	11	N	15	N	16	N	13	N	16	N	23	NW	19	NW	5	NW	11	NW	7	NW	20	NW	17
5	W	9	W	4	SW	2	SW	4	S	6	S	7	SE	7	SE	7	SE	12	SE	12	SE	12	SE	7	SE	4	SE	2	SE	2
6	E	3	E	5	E	2	C	1	C	1	C	0	N	2	N	2	NE	11	E	11	E	13	NE	8	NE	7	NE	8	NE	7
7	N	6	N	6	N	4	N	4	N	6	N	6	N	6	N	9	N	10	N	11	N	11	N	9	N	9	N	4	N	3
8	E	3	E	3	C	0	C	0	E	2	C	1	E	2	SE	3	E	5	E	6	E	5	NE	5	NE	3	E	6	E	8
9	E	2	E	3	E	2	C	0	C	0	C	1	C	0	C	0	E	3	C	1	C	1	NE	6	NE	6	E	10	E	8
10	C	0	C	1	C	1	S	2	C	1	S	2	C	1	SE	4	SE	6	SE	2	S	3	S	3	SE	3	SE	7	SE	5
11	S	5	S	5	S	4	S	5	S	6	S	5	S	5	S	4	SE	6	SE	6	SE	6	SE	6	SE	7	SE	2	SE	2
12	N	2	N	4	W	3	W	3	C	0	C	1	N	2	N	2	C	1	C	1	C	1	NW	3	NW	2	NW	2	C	0
13	C	0	C	0	C	0	N	3	N	5	N	8	SW	5	E	2	NE	4	NE	6	N	19	N	19	NW	11	C	1	NW	16
14	NW	2	W	4	W	4	C	1	C	1	N	2	NW	2	C	0	NW	5	NW	2	NW	7	NW	10	NW	12	NW	9	NW	8
15	NW	14	NW	12	NW	12	NW	12	NW	10	NW	11	NW	14	NW	17	NW	19	NW	21	NW	22	NW	7	W	13	W	7	NW	7
16	NW	3	W	4	W	5	SW	5	W	4	SW	2	C	0	C	0	C	0	C	1	C	0	C	1	S	5	S	2	S	4
17	C	1	S	2	S	2	S	2	S	4	S	4	S	3	SE	4	SE	2	SE	5	E	8	NE	9	NE	5	E	2	C	0
18	N	6	C	0	N	4	N	7	N	6	N	2	N	6	N	12	NW	17	NW	15	NW	16	NW	14	NW	14	NW	12	NW	18
19	NW	7	N	9	N	9	N	10	NW	10	NW	15	NW	11	NW	12	NW	11	NW	22	NW	22	W	20	W	17	W	13	W	6
20	SW	5	SW	3	SW	2	C	0	C	1	S	2	C	0	C	0	C	1	C	0	C	1	SW	3	SW	5	SW	5	W	4
21	SW	6	S	3	C	0	C	0	C	0	C	0	W	2	C	1	W	3	NW	5	NW	12	NW	16	W	16	W	15	W	11
22	SW	8	SW	4	SW	3	SW	2	SW	5	SW	6	SW	8	SW	6	SW	5	C	1	C	1	SW	2	SW	2	SW	9	C	0
23	SW	7	SW	3	SW	7	SW	4	SW	8	SW	9	SW	10	SW	9	SW	4	C	1	SW	6	SW	5	SW	2	SW	5	SW	10
24	C	1	SW	2	S	2	S	3	S	2	C	1	C	0	C	0	C	0	C	0	C	0	C	1	C	0	C	0	NW	2
25	NE	3	C	0	C	1	C	1	N	4	NE	14	NE	17	NE	5	NW	5	NW	12	NW	19	NW	16	NW	7	NW	2	NW	5
26	N	7	N	6	N	4	N	7	N	9	NW	9	NW	7	W	7	C	0	SW	3	C	0	SW	7	SW	10	SW	11	SW	12
27	SW	5	C	1	C	0	C	1	SW	7	SW	4	SW	4	SW	5	S	5	SE	5	S	4	SE	4	S	3	SW	6	SW	6
28	S	2	S	3	S	3	S	3	SW	3	S	3	S	2	S	3	S	3	C	1	S	5	S	4	S	5	S	4	S	4
29	E	4	E	2	C	1	C	0	C	1	C	0	C	0	C	1	C	0	NE	5	C	0	NE	2	NW	2	NE	4	E	2
30	E	3	E	3	NE	4	N	5	N	3	N	5	N	3	NW	5	NW	9	NW	3	NW	6	C	1	C	1	NW	4	C	0
31																														
DIR. PREV.	SW		N-E-S-SW-C		C		C		C		C		C-N		C		NW		NW		NW		NW		NW		NW		NW	
Nº de HORAS	6		5		7		9		8		7		6		9		7		9		9		8		8		7		8	
PROM. HOR. DE LA VELOC.		4		4		3		4		4		5		5		5		6		7		8		8		7		7		7

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
W	4	C	0	S	3	S	2	S	3	S	5	S	4	S	4	S	6	W	14	5	34	W	15.10
SW	8	SW	5	S	4	C	0	S	2	S	6	S	7	S	5	S	6	SW	15	8	34	SW	13.34
NW	8	NW	14	NW	9	N	5	N	6	N	6	N	8	N	4	N	7	NW	10	8	41	W	14.22
NW	8	NW	13	N	3	N	3	N	6	N	3	N	3	C	0	NW	6	N	14	10	49	N	10.38
SE	6	E	5	C	0	E	3	E	6	E	6	E	4	E	3	E	2	SE	10	6	28	SE	8.06 11.38
NE	8	NE	7	E	6	E	7	E	8	E	2	E	4	E	5	NE	7	E	11	6	24	E	10.50
N	3	N	5	N	3	C	1	E	2	E	4	E	5	E	4	E	3	N	17	6	24	N	15.00
E	8	E	3	E	2	E	2	E	3	E	6	E	5	E	3	E	6	E	18	4	20	E	14.40
E	7	E	6	SE	2	C	1	C	1	E	4	E	8	E	4	C	0	E	11	3	19	E	14.18
SE	4	SE	7	SE	7	SE	8	SE	11	S	5	S	4	S	4	S	5	SE	11	4	24	E	19.23
SE	3	C	0	E	3	E	2	C	1	C	0	C	0	C	0	C	1	SE-S	8	4	20	S SE	10.20 12.20
C	0	C	0	C	0	NE	2	C	0	C	0	C	1	C	1	C	0	C	14	1	16	NW	13.45
NW	13	NW	2	W	5	W	3	C	0	C	0	N	2	N	3	N	3	N	8	5	34	NW	14.02
NW	10	NW	3	NW	7	NW	8	NW	10	NW	12	NW	12	NW	14	NW	13	NW	18	7	19	NW	14.12
NW	3	NW	5	NW	8	NW	12	NW	11	NW	14	NW	11	NW	3	C	0	NW	21	11	40	NW	10.40
S	4	C	1	C	0	C	0	C	0	C	1	C	0	C	1	C	1	C	15	2	19	S	3.38
C	0	E	3	E	4	E	2	NE	5	NE	5	NE	4	E	5	C	1	SE-E	6	3	18	NE	12.02
NW	18	NW	9	NW	2	N	5	N	10	N	10	N	8	N	10	N	1	N	13	9	39	NW	12.01
W	2	C	1	SW	2	SW	12	S	9	S	4	S	3	SW	3	W	2	NW	8	10	38	NW	9.44
C	1	C	0	C	0	W	3	W	4	W	5	SW	4	SW	2	C	1	C	11	2	19	SW	21.12
W	10	W	11	C	0	W	4	SW	8	W	2	W	3	SW	2	SW	6	W	10	6	38	W	19.37
C	0	SW	2	SW	3	SW	3	SW	7	SW	4	SW	4	SW	7	SW	8	SW	20	4	36	SW	14.56
SW	9	SW	4	SW	3	C	1	C	0	SW	4	SW	2	C	1	C	0	SW	19	5	37	SW	12.56
C	1	C	1	C	0	E	2	C	1	NE	2	C	0	NE	3	NE	9	C	15	1	16	NE	16.20
C	1	N	2	N	3	N	4	N	4	N	3	N	5	N	6	N	5	N	9	6	40	NW	11.32
SW	12	SW	7	SW	2	SW	4	SW	5	SW	4	SW	5	SW	6	SW	4	SW	14	6	30	SW	13.46
SW	6	SW	5	SW	6	SW	5	SW	3	S	3	S	2	S	3	C	1	SW	12	4	16	S	6.08
SE	8	E	7	E	7	E	7	E	7	E	5	E	6	E	5	E	5	S	13	4	16	E	15.47
E	4	E	3	E	2	E	1	E	5	E	4	E	7	E	4	E	5	E	12	2	19	NE	10.40
NE	2	NE	4	C	0	C	0	C	0	C	1	C	0	C	0	C	0	C	10	3	15	NE N	14.20 15.32
NW-C		C		C		E		C		E		E		E		C		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		48 Km.		
6		7		7		8		8		7		7		8		10					DIREC.	DIA	HORA
	6		4		3		4		5		4		4		4		4	C	148	5	N NW	4 13 15 19	de 8.55 a 9.00 de 12.12 a 12.17 de 10.40 a 10.45 de 10.13 a 10.18

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1									7	27	1	10	14	79			2	116
2									8	46	15	143					1	189
3	6	36							3	10	1	2	3	8	10	125	1	181
4	14	136													9	106	1	242
5					7	29	10	71	2	13	2	6	2	13			1	132
6	2	4	8	63	11	66											3	135
7	17	106	1	9	5	18											1	134
8			2	8	18	78	1	3									3	90
9			2	12	11	57	1	2									10	76
10							11	64	8	28							5	96
11					2	5	8	38	8	39							6	84
12	4	10	1	2									2	6	3	7	14	31
13	8	62	2	10	1	2					1	5	2	8	4	42	6	130
14	1	2											2	8	18	146	3	158
15													2	20	21	245	1	265
16									4	15	2	7	3	13	1	3	14	44
17			5	28	6	24	3	11	6	17							4	82
18	13	87													10	135	1	222
19	3	28							3	16	3	17	6	60	8	110	1	232
20									1	2	8	29	4	16			11	52
21									1	3	4	22	10	77	3	33	6	136
22											20	98					4	98
23											19	111					5	114
24			3	14	1	2			3	7	1	2			1	2	15	33
25	9	36	4	39											7	66	4	144
26	5	33									14	92	1	7	2	16	2	148
27							2	9	6	20	12	62					4	94
28					8	49	1	8	13	47	1	3					1	105
29			3	11	12	43									1	2	8	59
30	4	16	3	10	2	6									5	27	10	62
31																		
SUMAS	86	556	34	206	84	279	37	206	73	290	104	604	51	315	103	1065	148	3684
% PREVAL POR VELOCIDAD	15.1		6.1		8.1		6.1		8.7		16.4		9.0		29.0		1.6	VELOCIDAD MEDIA DIARIA EN EL MES 123
VELOCIDAD MEDIA POR DIRECCIÓN	6		6		3		6		4		6		6		10		0.4	

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	1	5		3	6	2	4	4
1 - 2	5		5		5	5	4	1	5
2 - 3	5	1	2		6	4	4	1	7
3 - 4	7				6	5	2	1	9
4 - 5	7		1		4	5	3	2	8
5 - 6	6	1			6	5	2	3	7
6 - 7	6	1	1	1	3	5	3	4	6
7 - 8	4	2	1	4	2	4	1	3	9
8 - 9	2	2	2	4	2	3	2	7	6
9 - 10	1	2	2	5		2	1	9	8
10 - 11	2		3	2	3	2	1	9	8
11 - 12	2	5		3	2	5	2	8	3
12 - 13	1	4		3	3	5	4	8	2
13 - 14	1	2	3	3	2	6	4	7	2
14 - 15	1	1	3	3	2	5	3	8	4
15 - 16	1	2	3	4	1	4	3	6	6
16 - 17	2	2	6	1		5	1	6	7
17 - 18	3		6	2	2	5	1	4	7
18 - 19	4	1	8	1	1	4	3	2	6
19 - 20	4	1	6	1	3	4	1	2	8
20 - 21	4	2	7		5	3	2	2	5
21 - 22	5	1	7		5	4	1	2	5
22 - 23	4	1	8		4	5		2	6
23 - 24	4	2	5		3	3	1	2	10
SUMAS	86	34	84	37	73	104	51	103	148
% de frec. por dirección	12.0	4.7	12.0	5.1	10.1	14.4	7.1	14.3	20.6

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	5	Z.
	10	18.6	4.1	0.33	8	0	5	
	12	21.4	4.7	0.38	8	0	5	
	14	35.5	12.1	0.98	7	2	5	
	15	16.2	1.4	0.11	7	0	5	
2	9	34.0	15.0	1.22	2	5	5	
	10	30.5	12.0	0.98	6	2	5	
	12	28.4	10.0	0.81	7	2	5	
	14	25.5	7.5	0.61	2	0	5	
	15	21.5	4.3	0.35	8	1	5	
3	9	36.5	16.3	1.33	1	5	5	
	10	39.4	16.9	1.37	0	5	5	
	12	42.0	16.8	1.36	0	5	5	
	14	43.0	16.0	1.30	0	5	5	
	15	41.0	14.8	1.20	0	5	5	
4	9	37.5	16.3	1.33	0	5	5	
	10	41.0	16.4	1.33	0	5	5	
	12	44.5	16.6	1.35	0	5	5	
	14	44.3	15.7	1.28	0	5	5	
	15	43.0	14.8	1.20	0	5	5	
5	9	37.3	16.5	1.34	2	5	5	Z.
	10	44.4	21.4	1.74	2	5	5	
	12	43.0	18.2	1.48	2	5	5	
	14	42.7	17.4	1.41	3	5	5	
	15	40.9	16.2	1.32	2	5	5	
6	9	37.6	16.7	1.36	0	5	5	Z.
	10	38.7	17.2	1.40	0	5	5	
	12	41.2	17.4	1.41	0	5	5	
	14	42.0	17.0	1.38	2	5	5	
	15	41.0	16.0	1.30	1	5	5	
7	9	38.0	21.5	1.34	0	5	5	
	10	41.4	24.5	1.37	0	5	5	
	12	45.0	28.8	1.32	0	5	5	
	14	45.5	29.0	1.34	3	5	5	
	15	42.6	27.6	1.22	1	5	5	
8	9	39.6	24.5	1.23	0	5	5	
	10	43.5	27.5	1.30	0	5	5	
	12	45.9	30.1	1.28	0	5	5	
	14	46.0	31.0	1.22	2	5	5	
	15	44.5	30.0	1.18	1	5	5	
9	9	39.5	26.5	1.06	6	3	4	B.
	10	43.1	29.0	1.15	5	3	4	B.
	12	40.3	29.4	0.89	6	3	4	B.
	14	46.5	31.2	1.24	4	5	4	B.
	15	44.0	30.3	1.11	6	5	4	B.
10	9				8	0	2	Z., Ne.
	10				8	0	2	Z., Ne.
	12				8	0	2	Am., Ne.
	14	28.5	22.6	0.48	8	0	3	B.
	15	22.3	20.8	0.12	8	0	3	B.
11	9	39.6	22.8	1.36	5	5	5	
	10	41.2	24.2	1.38	4	5	5	
	12	45.2	26.8	1.50	3	5	5	
	14	43.0	26.8	1.32	6	5	5	
	15	41.0	26.0	1.22	1	5	5	
12	9	38.5	22.2	1.33	0	5	5	
	10	41.3	24.5	1.36	0	5	5	
	12	44.4	27.0	1.41	0	5	5	
	14	42.5	27.6	1.21	0	5	5	
	15	42.5	27.2	1.24	2	5	5	
13	9				7	0	4	Z.
	10	35.2	22.6	1.02	5	5	5	
	12	38.0	25.8	0.99	5	5	5	
	14	35.2	25.6	0.78	7	2	5	
	15	31.5	24.5	0.57	7	2	5	
14	9	34.7	22.5	0.99	7	5	2	
	10	39.8	25.6	1.15	7	5	5	
	12	47.8	31.0	1.36	6	5	5	
	14	46.7	31.5	1.24	3	5	5	
	15	44.6	30.9	1.11	2	5	5	
15	9	41.0	26.0	1.22	0	5	5	
	10	44.3	28.5	1.28	0	5	5	
	12	47.5	31.5	1.30	0	5	5	
	14	47.2	32.2	1.22	0	5	5	
	15	45.3	31.5	1.12	0	5	5	
16	9	41.8	25.8	1.30	0	5	5	Z.
	10	45.3	27.4	1.46	0	5	5	
	12	47.0	30.2	1.36	0	5	5	
	14	46.3	30.0	1.33	1	5	5	
	15	44.6	29.0	1.27	2	5	5	
17	9	34.0	20.5	1.10	5	4	4	B., Ne.
	10	36.4	23.0	1.09	3	4	4	B., Ne.
	12	39.8	25.3	1.18	4	3	4	B.
	14	42.5	26.5	1.30	3	5	5	
	15	40.3	26.2	1.15	2	5	5	
18	9	38.5	23.8	1.20	1	5	5	
	10	42.0	26.2	1.28	0	5	5	
	12	46.6	30.4	1.32	0	5	5	
	14	45.5	31.0	1.18	3	5	5	
	15	45.3	31.0	1.16	1	5	5	
19	9	40.0	25.5	1.18	1	5	5	Z.
	10	43.5	28.0	1.26	3	5	5	
	12	43.0	30.3	1.03	5	3	5	
	14	45.3	31.3	1.14	8	5	5	
	15	31.1	26.8	0.35	8	0	5	
20	9	29.3	19.0	0.84	6	0	5	
	10	24.2	18.0	0.50	6	2	4	B.
	12	25.2	19.7	0.45	8	0	5	
	14	25.5	20.0	0.45	7	0	5	
	15	24.9	19.9	0.41	7	0	5	
21	9	34.5	18.0	1.34	0	5	5	
	10	38.2	21.0	1.40	0	5	5	
	12	41.0	23.8	1.40	0	5	5	
	14	41.2	24.5	1.36	0	5	5	
	15	39.0	23.5	1.26	0	5	5	
22	9	31.5	15.0	1.34	0	5	5	
	10	35.5	17.9	1.43	0	5	5	
	12	39.0	21.5	1.42	4	5	5	
	14	29.0	18.2	0.88	6	3	5	
	15	30.5	18.0	1.02	5	5	5	
23	9	29.4	13.0	1.33	0	5	5	
	10	33.5	16.0	1.42	2	5	5	
	12	32.6	17.4	1.24	6	5	5	
	14	38.2	19.5	1.52	5	5	5	
	15	34.7	18.0	1.36	4	5	5	
24	9	30.5	13.8	1.36	0	5	5	
	10	33.6	16.0	1.43	0	5	5	
	12	37.0	17.6	1.58	1	5	5	
	14	35.8	18.6	1.40	2	5	5	
	15	32.5	17.6	1.21	2	5	5	
25	9	28.6	15.0	1.10	5	5	5	
	10	35.5	28.5	0.57	3	5	5	
	12	33.0	20.0	1.06	4	5	5	
	14	23.0	17.5	0.45	8	1	5	
	15	21.0	17.0	0.32	7	1	5	
26	9	31.7	16.0	1.28	0	5	4	B.
	10	38.0	20.2	1.45	2	5	5	
	12	35.0	21.0	1.14	6	5	5	
	14	36.4	21.6	1.20	5	5	5	
	15	33.4	20.8	1.02	5	5	5	
27	9	14.8	12.4	0.20	8	0	5	
	10	15.1	12.7	0.20	8	0	5	
	12	25.0	15.0	0.81	8	0	5	
	14	32.0	19.5	1.02	4	3	5	
	15	25.4	18.0	0.60	3	3	5	
28	9	17.5	10.6	0.56	8	0	0	N.
	10	33.0	27.0	0.49	4	5	3	B.
	12	31.4	21.6	0.80	3	5	3	B.
	14	38.2	22.5	1.28	3	5	3	B.
	15	34.0	21.1	1.05	2	5	3	B.
29	9	35.6	19.2	1.33	7	5	4	B.
	10	36.4	20.6	1.28	4	5	4	B.
	12	33.1	21.2	0.97	8	3	5	
	14	33.8	22.1	0.95	8	5	5	
	15	29.5	20.5	0.73	7	5	5	
30	9	34.0	19.0	1.22	0	5	5	
	10	37.5	21.5	1.30	0	5	5	
	12	41.3	24.7	1.35	2	5	5	
	14	41.0	25.5	1.26	3	5	5	
	15	38.6	24.5	1.15	1	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		0.1	0.4						0.6						1.1	11.6	10
2			0.5	1.0	0.7	0.4	0.4	0.3	0.1	0.1					3.5	11.6	30
3			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.4	11.5	90
4		0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.0	11.5	96
5			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.0	11.5	87
6			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.1	11.4	89
7		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	11.4	91
8			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.1	11.4	89
9			0.1	0.7	1.0	1.0	0.5	1.0	1.0	1.0	0.3				6.6	11.3	58
10									0.1						0.1	11.3	01
11				0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0			8.8	11.3	78
12			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.3	11.2	83
13				0.5	0.3	0.9	1.0	0.7	0.1		0.3				3.8	11.2	34
14				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			8.2	11.1	74
15			0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.2	11.1	83
16			0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.6	11.1	78
17			0.2	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.7			8.6	11.0	78
18			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0			9.0	11.0	82
19			0.2	1.0	1.0	1.0	1.0	1.0	0.4	0.5	0.1	0.2			6.4	10.9	59
20				0.6	0.6	0.4	0.1								1.7	10.9	15
21			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.2	10.9	84
22			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9			8.9	10.9	82
23			0.3	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0			9.2	10.8	85
24				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	10.8	78
25					0.9	1.0	1.0	1.0	0.2						4.1	10.8	38
26			0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8			8.3	10.8	77
27								0.1	0.7	1.0	1.0	0.1			2.9	10.7	27
28					0.2	1.0	1.0	1.0	1.0	1.0	0.7	0.2			6.1	10.7	57
29			0.1	0.9	1.0	1.0	0.8	0.7	0.6	0.8	0.4	0.4			6.7	10.7	63
30			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.9	10.6	84
31																	
Medias		0.0	0.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.1		7.3	11.1	66

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	14.0	17.0	16.6	15.0	16.1	16.6	14.8	15.0	15.5	16.4	16.2	16.6	20.6	20.4	20.2
2	14.6	17.4	16.8	14.2	16.6	16.7	14.8	15.0	15.6	16.2	16.0	16.6	20.0	20.0	20.0
3	14.2	19.6	18.4	15.0	17.7	18.0	14.6	15.2	16.2	16.0	16.0	16.6	19.9	19.9	19.8
4	15.6	20.2	19.3	16.2	18.3	18.7	15.4	15.8	16.8	16.4	16.4	17.1	20.0	20.1	20.1
5	17.2	21.2	18.8	17.3	19.1	18.8	16.4	16.7	17.3	17.2	16.3	17.8	20.4	20.4	20.5
6	15.2	20.6	18.8	16.1	18.2	18.5	16.0	16.2	17.0	17.2	17.1	17.4	20.6	20.6	20.4
7	16.0	21.2	19.6	16.6	19.0	19.2	16.0	16.4	19.4	17.0	17.0	17.6	20.5	20.5	20.5
8	16.2	22.2	20.8	17.0	19.6	20.1	16.2	17.0	18.1	17.4	17.2	18.0	20.6	20.6	20.7
9	19.2	23.4	22.2	19.1	21.2	21.3	17.4	18.2	19.1	18.2	18.6	19.0	21.1	21.2	21.3
10	20.4	21.0	20.8	20.1	20.1	20.3	18.4	18.4	18.8	19.0	18.8	19.0	21.6	21.7	21.7
11	19.5	22.7	20.6	19.3	20.8	20.6	18.2	18.5	18.8	18.6	18.7	19.0	21.7	21.7	20.6
12	17.2	22.0	20.0	18.0	20.2	20.0	17.4	17.8	18.2	18.6	18.2	18.6	21.6	21.6	21.4
13	18.2	21.2	20.0	18.4	19.8	19.9	18.6	17.8	18.0	18.2	18.4	18.2	21.6	21.6	21.4
14	18.0	22.8	21.6	18.3	20.5	20.9	17.4	18.0	18.8	18.2	18.6	18.6	21.6	21.5	21.5
15	19.4	23.4	22.3	19.6	21.4	21.6	18.2	18.6	19.4	18.8	18.8	19.4	21.6	21.7	21.8
16	19.6	22.8	20.8	19.9	21.3	21.0	18.6	19.0	19.5	19.2	19.2	19.6	22.0	22.1	22.1
17	17.8	21.4	20.5	18.4	20.0	20.2	18.0	18.0	18.7	19.0	18.6	19.0	22.1	22.0	21.9
18	18.6	22.0	21.5	18.8	20.4	20.8	18.0	18.2	19.0	18.6	18.6	19.8	21.8	21.9	21.8
19	19.6	22.8	22.0	19.5	21.1	20.7	18.4	18.7	19.1	19.0	19.1	19.4	22.0	22.0	22.0
20	18.4	20.8	19.9	19.5	20.1	19.8	18.6	18.5	18.6	19.4	19.1	19.0	22.1	22.1	22.0
21	16.0	20.6	18.6	17.3	19.3	18.8	16.0	17.0	17.8	18.2	18.0	18.4	21.6	24.0	21.2
22	15.4	18.2	16.8	16.5	17.5	17.1	16.0	16.0	16.6	17.4	17.2	17.6	21.0	21.0	20.8
23	11.8	16.2	15.3	15.0	16.0	15.8	15.0	14.8	15.2	16.4	16.2	16.5	20.3	20.2	20.0
24	12.0	16.0	15.2	13.5	15.2	15.4	13.6	13.8	14.4	15.4	15.2	15.6	19.8	19.4	19.2
25	13.8	16.0	15.6	14.3	15.4	15.6	13.6	13.8	14.4	15.0	15.0	15.2	19.1	19.0	18.9
26	14.8	17.6	16.2	14.9	16.2	16.1	14.2	14.5	14.8	15.3	15.5	15.6	19.0	19.0	18.9
27	15.1	16.4	16.6	15.1	15.5	15.9	14.3	14.3	14.6	15.4	15.3	15.6	18.9	19.0	18.8
28	13.4	17.0	16.2	14.1	15.4	15.9	13.6	13.6	14.6	13.0	14.0	15.2	18.5	18.4	18.6
29	13.2	17.0	16.2	14.2	15.8	15.9	13.4	13.8	14.5	15.0	14.8	15.2	18.4	18.5	18.5
30	14.0	17.8	16.8	14.3	16.2	16.5	13.4	14.0	14.8	14.8	14.8	15.3	18.4	18.4	18.4
31															
Prom.	16.3	20.0	18.8	16.8	18.5	18.6	16.2	16.4	17.1	17.2	17.1	17.6	20.6	20.7	20.5

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	5.0	5.8	5.5	5.2	1	0.5	0.2	0.2	0.6							11407
2					2	0.2	0.8	1.0	2.1	Q. 14	21.3	21.0	24.2	23.9	19.3	11410
3					2	0.3	1.7	1.9	4.4							11412
4					1	0.8	2.6	2.0	5.1							11413
5					0	0.5	1.3	0.1	1.4							11422
6					0	0.0	1.4	1.1	2.9							11427
7					0	0.4	1.1	1.7	2.8	Q. 15	20.9	19.8	23.3			11431
8					0	0.0	1.6	1.4	3.3							11434
9	0.2	0.4	-	-	0	0.3	1.3	0.9	2.3							11444
10	12.8	14.1	12.8	-	1	0.1	0.2	0.3	0.6							11447
11					2	0.1	0.9	0.5	1.5							11448
12					2	0.1	1.1	1.2	3.2	Q. 16	20.5	21.3	23.1			11454
13	0.0	0.0	0.0	0.0	2	0.9	1.3	1.0	2.5							11456
14					1	0.2	1.5	1.6	4.2							11460
15					0	1.1	2.0	1.6	4.3							11464
16					0	0.7	1.7	1.2	3.2							11466
17					0	0.3	1.0	0.8	2.1	Q. 17	18.7	23.0	23.4			11467
18					0	0.3	2.2	1.3	4.3							11471
19					0	0.8	1.9	1.1	3.7							11475
20					0	0.7	0.6	0.2	1.0							11479
21					0	0.2	0.9	1.5	2.9							11487
22					0	0.5	1.3	1.0	2.8	Q. 18	17.3	19.3	23.5	21.4		11488
23	0.0	0.0	0.0	0.0	0	0.5	0.9	0.8	1.9							11489
24					0	0.2	1.0	0.8	2.4							11494
25					0	0.6	1.6	1.2	3.0							11496
26	0.0	0.0	0.0	0.0	0	0.2	0.4	0.7	1.5							11498
27					0	0.4	0.5	0.4	1.1	Q. 19	14.0	16.2	23.4			11499
28					0	0.2	0.4	0.7	1.4							11500
29					0	0.3	0.7	1.0	2.0							11500
30					0	0.3	0.9	1.2	2.4							11501
31																
Prom.	18.0	20.3	-	-	-	0.4	1.2	1.0	2.6	-	-	-	-	-	-	11461

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		
19.8	19.8	19.6	21.7	21.7	21.7	22.5	20.5	1.5	Cn. m. t. y n., Z. m., CH. t., r. n.
19.4	19.4	19.2	21.5	21.3	21.3	22.5	20.6	4.8	Ca. m., Cn. t. y n., r. m. y n.
19.0	19.2	19.0	21.2	21.2	21.2	22.5	20.6	2.3	Ca. m. t. y n., r. m. y n.
19.0	19.4	19.2	21.0	21.0	20.9	22.5	20.6	7.3	Ca. m. t. y n., r. m. y n.
19.5	19.5	19.4	20.8	20.8	20.8	22.3	20.6	8.5	Ca. m. t. y n., r. m. y n.
19.6	19.7	19.6	20.7	20.7	20.6	22.2	20.5	2.2	Ca. m. t. y n., r. m. y n.
19.6	19.6	19.5	20.7	20.7	20.7	22.0	21.0	5.8	Ca. m. t. y n., r. m. y n.
19.6	19.6	19.7	20.7	20.7	20.7	22.0	21.0	5.5	Ca. m. t. y n., Ne. m., r. n., B. t.
19.8	20.0	19.7	20.7	20.7	20.7	22.2	21.0	12.1	Cn. m. t. y n., r. m., B. t., Ru. CH. t., R. n.
20.0	20.5	20.3	20.7	20.7	20.7	22.0	21.0	13.6	Cn. m. t. y n., Ru. LL. Ne. m, B. t, Ru. LL. n.
20.4	20.4	20.3	20.7	20.7	20.7	21.8	21.9	13.9	Ca. t. y n., Cn. m., r. m. y n., N. n.
20.5	20.5	20.2	20.7	20.7	20.7	22.2	21.0	5.0	Ca. m. y t., Cn. n., r. m. y n., Dl. n.
20.4	20.4	20.0	20.7	20.7	20.7	21.6	21.7	14.4	Cn. m. y t., Ca. n., r. m. y n., Z. m., N. n.
20.4	20.4	20.3	20.8	20.8	20.8	21.5	21.0	9.0	Cn. m., Ca. t. y n., B. m. y n.
20.5	20.6	20.4	20.8	20.8	20.8	21.5	21.0	14.0	Ca. m. t. y n., r. n.
20.6	20.6	20.4	20.8	20.8	20.8	21.5	21.0	12.0	Ca. m. t. y n.
20.7	20.7	20.7	20.8	20.8	20.8	21.5	21.0	5.2	Cn. m., Ca. t. y n., r. m. y n., B. t.
20.6	20.6	20.3	20.8	20.8	20.8	21.5	21.6	10.2	Ca. m. t. y n., r. m. y n.
20.7	20.7	20.7	20.9	20.9	20.9	21.4	20.7	11.8	Ca. m., Cn. t. y n., r. m., Ru. n.
20.7	20.8	20.6	20.9	20.9	20.9	21.3	20.7	10.8	Cn. m. t. y n., r. m. y n.
20.6	20.4	20.2	20.7	20.8	20.8	21.4	20.5	-	Ca. m. t. y n., r. n.
20.0	20.0	19.7	20.7	20.7	20.7	21.3	20.6	1.9	Ca. m., Cn. t. y n., r. n.
19.4	19.5	19.2	20.7	20.7	20.7	21.3	20.5	- 0.6	Ca. m. y n., Cn. t., r. m. y n., Z. t.
18.6	18.6	18.6	20.3	20.3	20.2	21.2	20.5	1.5	Ca. m. y t., Cn. n., h. B. m.
18.3	18.3	18.3	20.1	20.1	20.0	21.2	20.5	1.1	Cn. m. t. y n., B. m.
18.1	18.2	18.2	20.0	20.0	20.0	21.2	20.5	5.5	Ca. m., Cn. t. y n., r. n., Z. t.
18.2	18.2	18.1	19.9	19.9	19.8	21.1	20.5	4.8	Cn. m. t. y n.
17.7	17.7	17.7	19.3	19.3	19.3	21.0	20.5	- 0.4	Cn. m., Ca. t. y n., N. m., B. t., Ne. n.
18.6	17.6	17.6	19.2	19.2	19.2	21.0	20.5	1.2	Cn. m. t. y n., N. dv. m., N. n.
17.0	17.5	17.5	19.2	19.2	19.1	21.0	20.5	2.1	Ca. m. t. y n., N. m.
19.6	19.6	19.5	20.6	20.6	20.6	21.7	20.8	6.4	

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	59.3	65.8	5	23	53.7	10	16,17	16.4	22.4	10.4	27.0	9	11-12	5.6	6	6-7	7.3	11.4	64
2ª	57.6	61.9	13	8-9	51.8	19	15	18.8	24.9	13.2	28.3	15	15	9.7	12	6-7	7.4	11.1	66
3ª	64.5	68.4	24	10	57.0	21	18	11.1	17.5	5.1	21.7	30	15-16	-1.1	24	7	7.3	10.8	68
MES	60.5	68.4	24	10	51.8	19	15	15.5	21.6	9.6	28.3	15	15	-1.1	24	7	7.3	11.1	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas								
	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	80	100	8.	45	3,5	11.1	17.5	6.0	N	7	48	4	23	4	8-9	49	N	4	10.38	20.3	14.1	10	0.9	10	19-20
2ª	78	98	16	31	16	12.2	17.3	7.6	NW	11	48	NNW	22	15 19	10-11 9-10 10-11	40	NW	15	10.40	-	-	-	-	-	-
3ª	77	100	24,27,28	34	21	7.4	11.5	4.0	SW	6	36	NNE	19	25	10-11	40	NW	25	11.32	-	-	-	-	-	-
MES	78	100	varios	31	16	10.2	17.5	4.0	NW	10	48	varios	23	4	8-9	49	N	4	10.38	20.3	14.1	10	0.9	10	19-20

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	7	3	2	-	-	-	-	3	1	-	2	-	-	-	-	2	3
2ª	8	-	-	4	-	-	-	-	-	-	1	-	-	-	-	-	1
3ª	4	1	2	3	-	-	-	-	1	-	-	-	-	-	-	-	-
MES	19	4	4	7	-	-	-	3	2	-	3	-	-	-	-	2	4

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	9	-	-	-	-	-	-	-	-	-	-	6	4	-	2	-
2ª	4	-	-	-	-	-	1	-	-	-	-	3	2	-	5	-
3ª	5	-	-	-	-	-	-	-	-	-	-	3	3	1	-	-
MES	18	-	-	-	-	-	1	-	-	-	-	12	9	1	7	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII MAYO 1952 Nº 5

RESUMEN MENSUAL

El mes se inicia con tiempo bueno y condiciones climáticas normales para esta época del año. En la noche del 2 al 3, al pasar un frente frío, la humedad y temperatura disminuyen fuertemente alcanzando el 3 y el 4 sus valores mínimos mensuales con 4.4 mmHg la tensión del vapor y con 2.2°C la temperatura. Luego, con vientos predominantes del N se eleva ésta rápidamente, registrandose la máxima mensual, el día 10, con 26.0°C.

El pasaje de una zona frontal entre el 11 y el 12, da comienzo a una de las décadas más lluviosas de todo el año, anotándose más de 140.0 mm, valor que aproximadamente es el doble de la suma normal de lluvias del mes de mayo. La zona del Río de la Plata se encuentra durante todo este lapso muy cerca o directamente dentro de una zona frontal de aire muy caliente y húmedo. Las oscilaciones de este frente originan las frecuentes y a veces intensas precipitaciones (40.0 mm el día 15) y tormentas con ráfagas de viento que alcanzan los 100 Km/h; tal el 13. En este día baja la presión a la mínima mensual con 745.9 mmHg. También la temperatura se presenta durante toda esta década muy superior al término medio (entre 3 y 7°C). Recién el día 20 llega una potente masa de aire frío desde la región antártica, provocando un marcado descenso de temperatura y ascenso de la presión atmosférica.

En los primeros días de la última década se encuentra el Observatorio en ambiente polar, registrándose la máxima mensual de la presión atmosférica con 771.4 mmHg los días 22 y 23. El cambio del viento al sector marítimo comporta nieblas, humedad elevada, nubosidad (27, 28 y 29 de heliofanía nula) y ligeras lluvias. En los dos últimos días del mes se hace de nuevo presente aire polar. Llueve con variada intensidad y la temperatura que desde el 23 fué superior a la normal, desciende a valores de acuerdo con la época del año.

Los prolongados períodos de calor se manifiestan en la desviación positiva de 1.6°C respecto a la normal de la temperatura; también la presión es de 1.0 mmHg más alta, mientras los otros elementos no acusan mayores diferencias con sus promedios.

POTENCIAL ATMOSFÉRICO en V/M.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	110	83	69	48	55	62	97	97	110	138	138	110	97	97	90
2	41	69	28	41	21	41	76	104	110	131	90	76	69	69	69
3	104	110	110	-	-	-	-	-	-	69	152	207	172	166	124
4	-	-	-	-	-	-	-	83	131	193	239	166	145	159	159
5	41	41	48	21	21	-	34	110	110	117	97	34	55	69	83
6	14	28	34	55	41	28	28	41	110	97	55	41	34	83	83
7	55	55	48	48	62	62	48	69	55	41	48	48	83	97	83
8	69	69	62	41	110	110	76	259	152	138	104	110	97	110	97
9	138	159	90	97	97	117	145	186	172	159	104	110	110	124	152
10	62	62	62	62	69	69	69	76	69	69	62	48	55	68	74
11	∞	- ∞	90	131	186	166	166	233	278	259	193	166	226	166	172
12	186	152	152	131	131	131	152	179	172	145	117	104	104	110	117
13	-	-	-	-	-	-	-	-	117	172	124	152	152	124	131
14	104	83	69	90	83	104	124	179	207	172	117	110	124	-231	- 7
15	83	83	97	97	104	117	97	145	220	464	362	297	246	272	259
16	14	28	21	14	21	21	-167	97	-	-	-	-	-	-	166
17	62	62	69	117	76	62	14	21	41	55	69	131	131	145	159
18	138	159	-167	97	83	62	62	69	124	159	145	104	14	28	14
19	104	110	166	138	110	138	172	246	193	152	152	124	104	138	83
20	- 21	14	41	- 55	62	48	69	166	117	- 21	- 69	- 21	- 14	62	110
21	-	-	-	-	-	-	-	-	110	166	186	159	124	110	90
22	110	193	172	172	186	152	138	152	179	239	252	-	-	-	-
23	138	145	145	145	186	159	152	259	265	159	117	110	110	152	159
24	90	83	83	76	97	124	207	200	220	200	124	117	152	166	166
25	124	166	179	172	207	220	233	259	291	339	272	233	220	186	186
26	-	-	-	-	-	-	-	-	449	443	322	145	179	226	179
27	152	145	124	69	90	69	97	83	83	117	110	104	131	166	83
28	83	83	14	48	76	90	41	14	62	83	62	48	69	90	76
29	152	55	62	41	55	83	83	104	55	76	- 83	41	38	-138	28
30	316	333	333	322	350	391	322	380	152	310	207	166	152	437	426
31	- 69	34	34	110	48	28	-174	- 62	14	55	83	97	97	76	76
Prom.	98.2	101.3	90.2	86.7	97.7	98.7	110.4	146.4	148.4	143.2	112.3	107.8	111.5	125.4	120.3

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.95	0.81	1.76	1.17	918	490	1408	1.87	0.72	1.15
2	1.01	0.80	1.81	1.26	769	343	1112	2.24	0.92	1.63
3	0.72	0.58	1.30	1.24	652	293	945	2.23	0.77	1.38
4	0.68	0.53	1.21	1.30	593	261	854	2.27	0.82	1.42
5	1.15	1.02	2.17	1.13	1036	645	1681	1.60	0.78	1.10
6	1.23	1.16	2.39	1.06	1020	616	1636	1.65	0.84	1.31
7	1.23	1.11	2.34	1.11	781	452	1233	1.73	1.10	1.72
8	0.82	0.69	1.51	1.19	633	200	833	3.15	0.91	2.41
9	0.92	0.83	1.75	1.11	623	311	934	2.00	1.03	1.87
10	1.05	1.00	2.05	1.05	886	568	1454	1.56	0.83	1.23
11	1.02	0.71	1.73	1.44	657	286	943	2.29	1.09	1.73
12	1.20	1.00	2.20	1.20	870	452	1322	1.93	0.96	1.55
13	0.86	0.72	1.58	1.19	890	392	1282	2.27	0.68	1.29
14	1.13	0.94	2.07	1.20	720	341	1061	2.11	1.10	1.93
15	0.80	0.66	1.46	1.21	741	392	1133	1.89	0.76	1.18
16	0.73	0.66	1.39	1.10	602	725	1327	0.83	0.85	0.64
17	0.90	0.72	1.62	1.25	715	-	-	-	0.88	-
18	1.10	0.92	2.02	1.20	712	325	1037	2.19	1.08	1.98
19	0.99	0.81	1.80	1.22	405	321	726	1.26	1.71	1.77
20	1.16	1.10	2.26	1.05	1162	655	1817	1.77	0.70	1.18
21	0.98	0.86	1.84	1.14	1310	811	2121	1.62	0.52	0.74
22	0.42	0.35	0.77	1.20	527	231	758	2.28	0.56	1.06
23	0.64	0.54	1.18	1.18	798	536	1334	1.48	0.56	0.70
24	0.71	0.56	1.27	1.27	816	462	1278	1.77	0.61	0.85
25	0.55	0.41	0.96	1.34	506	233	739	2.17	0.76	1.23
26	0.46	0.38	0.84	1.21	358	150	508	2.39	0.90	1.77
27	0.84	0.66	1.50	1.27	611	220	831	2.78	0.96	2.10
28	1.49	1.44	2.93	1.03	1092	550	1642	1.98	0.95	1.82
29	1.08	0.93	2.01	1.16	839	460	1299	1.78	0.90	1.41
30	1.09	0.96	2.05	1.14	925	552	1477	1.68	1.18	1.22
31	1.42	1.40	2.82	1.01	1256	926	2182	1.35	0.79	1.06
Prom.	0.94	0.80	1.74	1.17	790	450	1240	1.75	0.83	1.24

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
90	97	117	172	124	110	179	104	34	101.2	284	- 7	291	1
69	55	69	76	97	76	110	110	117	75.6	179	- 7	186	1
69	62	131	159	97	-	-	-	-		259	- 14	273	1*
166	166	124	124	83	166	166	69	41		272	- 28	300	1*
83	124	97	145	152	124	83	69	69		252	- 28	280	1*
97	110	138	152	131	110	97	97	83	74.4	246	- 34	280	1
69	62	76	76	62	55	83	48	55	62.0	152	- 14	166	1
104	97	83	117	124	69	55	110	83	101.9	345	00	345	0
179	172	179	172	172	152	172	124	90	140.5	272	14	258	0
78	70	89	95	83	62	46	± ∞	∞		∞	- ∞	-	3*
179	152	239	193	207	246	272	207	172		∞	- ∞	-	3*
97	90	83	104	97	76	69	48	55	116.8	252	14	238	0
200	239	220	197	193	138	159	131	110		∞	- ∞	-	3*
7	62	90	55	90	83	83	83	90		762	357	1119	2
297	380	97	110	131	110	-124	-110	- 34		836	-794	1630	2
138	83	34	28	28	124	76	131	90		193	-564	757	2*
207	207	213	213	186	138	131	145	166	117.5	414	-901	1315	1
186	193	166	166	179	-	124	97	104		812	-778	1590	2*
62	41	-	-	-	-	-	-	-		322	-946	1268	2*
69	76	124	110	76	62	69	62	55		740	-809	1549	2
69	76	83	69	55	69	117	131	104		207	28	179	0*
-	-	-	-	-	200	200	166	159		284	55	229	0*
172	186	272	304	297	193	124	104	90	172.6	414	69	345	0
179	233	233	226	186	200	207	166	145	161.7	357	21	336	0
200	200	131	124	62	90	90	97	55	180.7	449	00	449	0
200	62	145	186	193	166	152	186	172		744	00	744	0*
104	124	97	83	69	69	90	90	41	99.6	259	- 28	287	1
76	104	90	69	62	117	297	200	200		357	- 14	371	1
110	90	110	138	186	166	172	272	284		658	-702	1360	2
138	83	28	69	322	76	48	34	-117		740	-901	1641	2
104	83	83	69	69	83	90	90	83		368	-518	886	2
130.6	136.1	140.9	151.6	133.9	111.5	117.2	103.6	84.5	117.0				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "1" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
12561	14009	26570	0.90	5.96	18,500
12909	13360	26269	0.97	4.57	10,750
21493	22303	43796	0.96	-	52,250
19704	20486	40190	0.97	-	-
11812	10962	22774	1.08	-	14,250
9495	8934	18429	1.06	5.93	27,750
8967	8742	17709	1.02	4.84	17,000
16934	18676	35610	0.91	5.13	14,500
21794	20277	42071	1.07	8.18	64,000
8748	9086	17834	0.96	-	42,750
12851	11955	24806	1.07	-	35,000
7588	8505	16093	0.89	8.55	18,250
12126	17859	29985	0.68	-	23,000
6619	11088	17707	0.60	-	-
13146	14432	27578	0.91	-	33,250
10960	11785	22745	0.93	-	19,500
14360	14828	29188	0.97	6.36	35,000
6202	6854	13056	0.91	-	16,250
5983	7251	13234	0.83	-	10,000
5309	6578	11887	0.82	-	14,750
8274	7496	15770	1.10	-	15,000
16359	15549	31908	1.05	-	35,750
15922	14450	30372	1.10	6.80	41,250
13368	12934	25302	1.03	6.84	22,250
19378	20071	39449	0.97	5.75	19,750
18484	18880	37364	0.97	-	37,500
5755	6014	11769	0.96	4.98	27,750
4073	4520	8593	0.90	-	6,000
6727	7472	14199	0.90	-	13,500
12149	12079	24228	1.01	-	67,000
5988	5499	11487	1.09	-	16,500
11728	12224	23952	0.96	6.16	26,517

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	-	-	-	-	-	-	-	-	1.06	0.99	1.07	1.30
2	0.73	0.89	0.87	-	-	0.99	0.77	1.06	0.79	0.79	0.97	1.23
3	0.89	1.12	0.97	0.95	0.84	0.81	0.78	0.81	0.62	0.43	0.56	0.75
4	-	-	0.51	0.65	0.77	0.65	0.84	0.94	0.73	0.66	0.57	0.67
5	0.39	0.48	0.54	0.86	1.12	0.99	0.99	1.01	1.50	1.39	1.48	1.41
6	1.87	1.79	1.58	1.54	1.58	-	1.47	1.37	1.29	1.05	1.25	1.27
7	1.48	1.41	1.62	1.48	1.37	1.39	1.27	1.05	-	-	-	-
8	1.11	0.71	0.60	0.68	0.56	0.34	0.47	0.47	0.65	0.71	0.98	0.92
9	-	-	-	-	-	-	-	-	-	-	0.94	1.04
10	-	-	-	-	-	-	-	-	0.81	1.10	1.14	0.93
11	1.14	1.16	1.44	1.15	0.58	0.72	0.72	0.75	0.88	0.87	1.09	1.25
12	0.79	1.02	1.05	1.36	1.40	1.44	1.26	1.01	1.11	1.17	1.35	1.37
13	1.06	-	-	-	-	-	-	-	1.15	1.35	1.42	1.08
14	1.29	1.31	1.56	1.30	1.45	1.26	1.18	1.38	1.25	1.12	1.10	1.29
15	0.72	0.78	0.67	0.64	0.81	0.70	0.83	0.71	0.70	0.68	0.58	0.63
16	0.97	1.40	0.86	0.79	0.59	1.07	0.42	0.54	0.52	0.52	0.57	0.66
17	-	-	-	-	-	-	-	-	-	0.60	0.78	1.17
18	1.53	1.36	1.55	1.32	1.25	1.39	1.15	1.21	1.19	1.09	1.18	1.18
19	1.05	1.19	1.28	1.24	1.18	1.07	1.20	1.17	1.23	1.20	0.96	0.95
20	0.14	0.59	0.61	0.90	1.35	1.33	1.45	1.15	1.27	1.33	0.46	1.13
21	-	-	-	-	-	-	-	-	1.20	1.02	0.72	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	0.37	0.37	0.47	0.39	0.44	0.49	0.43	0.43	0.57	0.76	0.84	0.95
24	1.01	1.10	1.12	1.35	1.10	0.79	0.54	0.51	0.69	0.70	0.86	0.90
25	0.66	0.68	0.63	0.57	0.62	0.54	0.51	0.54	0.60	0.55	0.38	0.57
26	0.25	0.31	0.45	0.48	0.45	0.47	0.18	0.52	0.44	0.32	0.37	0.35
27	0.46	0.60	0.77	0.92	1.16	1.03	1.18	1.09	0.82	0.73	0.56	0.59
28	1.10	1.34	1.25	1.63	1.84	1.70	1.53	1.46	1.58	1.46	-	-
29	-	-	-	-	-	-	-	1.01	1.11	1.21	1.10	1.50
30	-	-	-	-	-	-	-	-	0.66	0.90	0.99	0.94
31	0.98	1.46	1.32	1.39	1.24	1.55	1.46	1.31	1.44	1.44	1.37	1.43
Promedio	0.91	1.00	0.99	1.03	1.03	0.99	0.94	0.93	0.96	0.93	0.92	1.02

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	-	-	-	-	-	-	-	-	0.87	0.89	0.96	1.33
2	0.52	0.54	0.76	0.66	-	0.60	0.61	0.60	0.58	0.76	0.99	1.08
3	0.67	0.78	0.67	0.74	0.60	0.58	0.58	0.60	0.41	0.53	0.53	0.66
4	-	-	0.37	0.43	0.47	0.48	0.64	0.59	0.55	0.51	0.46	0.62
5	0.36	0.37	0.42	0.62	0.88	0.63	0.68	0.90	1.23	1.36	1.28	1.38
6	1.77	1.83	1.73	1.07	1.67	1.54	1.56	1.50	1.06	1.02	1.14	1.25
7	1.43	1.40	1.45	1.48	1.38	1.14	1.01	-	-	-	-	-
8	0.94	0.58	0.55	0.51	0.46	0.28	0.44	0.37	0.53	0.62	0.77	0.74
9	-	-	-	-	-	-	-	-	-	-	0.80	0.99
10	-	-	-	-	-	-	-	-	0.97	1.00	1.06	0.89
11	0.46	1.23	1.25	0.80	0.47	0.58	0.52	0.47	0.55	0.60	0.73	0.76
12	0.69	0.86	0.73	1.06	1.05	1.13	0.89	0.79	0.85	0.98	1.01	1.25
13	0.72	-	-	1.26	1.19	-	-	-	0.88	1.19	1.39	0.88
14	0.95	1.21	0.95	0.86	1.05	0.97	0.92	1.01	0.90	0.90	0.93	0.90
15	0.62	0.62	0.47	0.47	0.51	0.47	0.64	0.30	0.32	0.34	0.33	0.58
16	1.47	1.10	0.76	1.23	0.85	0.38	0.50	0.54	0.47	0.37	0.45	0.41
17	-	-	-	-	-	-	-	-	-	0.64	0.62	0.96
18	0.97	1.59	1.36	1.21	0.80	1.14	1.21	1.11	1.01	0.90	0.88	1.00
19	0.74	0.79	0.83	0.96	0.85	0.69	0.96	0.71	0.88	1.02	0.78	0.84
20	0.84	0.65	0.60	1.49	1.06	1.13	1.30	0.69	0.96	0.97	0.96	1.51
21	-	-	-	-	-	-	-	-	0.99	0.73	-	-
22	-	-	-	-	-	-	-	-	-	-	-	0.41
23	0.32	0.32	0.37	0.32	0.32	0.37	0.36	0.34	0.53	0.64	0.80	0.86
24	0.84	0.90	0.86	0.96	0.76	0.60	0.39	0.34	0.49	0.56	0.80	0.87
25	0.40	0.37	0.37	0.39	0.43	0.32	0.37	0.37	0.40	0.40	0.32	0.44
26	0.27	0.29	0.38	0.40	0.31	0.43	0.25	0.47	0.36	0.27	0.25	0.31
27	0.36	0.42	0.56	0.67	0.84	0.81	0.81	0.84	0.60	0.49	0.47	0.53
28	1.02	1.46	1.80	1.61	1.72	1.54	1.41	1.34	1.33	1.13	-	-
29	-	-	-	-	-	-	-	0.85	0.94	0.96	0.93	1.30
30	-	-	-	-	-	-	-	-	0.53	0.63	0.79	0.72
31	1.21	1.40	1.35	1.25	1.53	1.65	1.90	1.73	1.45	1.33	1.30	1.33
Promedio	0.80	0.89	0.84	0.89	0.87	0.79	0.82	0.75	0.76	0.78	0.80	0.89

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.27	1.22	1.30	1.27	1.40	0.99	0.47	0.47	0.57	0.54	0.52	0.73	0.95
1.16	1.20	1.42	1.57	1.28	0.99	1.04	0.85	0.88	0.94	0.96	1.05	1.01
0.66	0.63	0.70	0.60	0.72	0.66	0.44	0.39	-	-	-	-	0.72
0.77	0.87	0.85	0.93	1.08	0.67	0.38	0.40	0.50	0.57	0.50	0.34	0.68
1.51	1.40	1.36	1.38	1.19	0.84	0.69	0.79	1.09	1.69	1.65	1.84	1.15
1.04	1.16	1.22	1.20	1.27	0.66	0.48	0.73	1.07	1.09	1.11	1.26	1.23
-	-	-	-	-	-	-	0.85	0.95	1.10	0.90	1.14	1.23
1.04	1.17	1.20	1.09	1.01	0.93	1.03	-	-	-	-	-	0.82
0.81	0.91	0.99	1.14	0.65	-	-	-	-	-	-	-	0.92
1.06	1.16	1.37	1.30	1.30	0.88	0.94	0.93	0.98	0.91	0.95	-	1.05
0.89	0.97	1.01	0.94	0.75	1.16	0.95	1.12	0.99	1.29	1.62	1.11	1.02
1.37	1.27	1.19	1.26	1.11	1.12	1.06	1.16	1.24	1.30	1.24	1.15	1.20
0.94	1.12	1.05	0.82	0.66	0.46	0.47	0.37	0.48	0.46	0.73	0.99	0.86
1.12	0.41	-	-	-	-	-	1.14	1.29	0.79	0.65	0.61	1.13
0.99	0.86	1.11	0.84	0.65	0.41	0.49	1.05	1.09	0.96	1.03	1.19	0.80
0.66	0.87	0.63	0.84	0.55	-	-	-	-	-	-	-	0.73
1.12	1.16	0.69	0.49	0.41	0.43	0.47	0.71	0.83	1.11	1.59	1.87	0.90
1.29	0.84	1.31	0.98	0.57	0.58	0.69	0.69	1.00	1.25	1.01	0.88	1.10
1.10	1.15	1.20	1.10	0.55	0.48	0.66	0.90	0.77	0.71	0.92	0.46	0.99
1.57	1.20	1.27	1.12	1.44	1.29	1.15	1.37	1.46	1.35	1.70	-	1.16
-	-	-	-	-	-	-	-	-	-	-	-	0.98
0.47	0.41	0.53	0.58	0.50	0.41	0.37	0.37	0.37	0.35	0.34	0.37	0.42
0.90	0.81	0.85	0.79	0.74	0.61	0.45	0.45	0.50	0.80	0.89	1.01	0.64
0.78	0.60	0.71	0.66	0.56	0.40	0.30	0.29	0.40	0.45	0.44	0.72	0.71
0.60	0.68	0.76	0.82	0.66	0.45	0.48	0.25	0.40	0.42	0.48	0.33	0.55
0.39	0.50	0.60	0.64	0.44	0.50	0.48	0.53	0.63	0.72	0.52	0.52	0.46
0.53	0.52	0.59	0.57	0.63	0.94	0.94	1.09	0.87	1.14	1.22	1.17	0.84
-	-	-	-	-	-	-	-	-	-	-	-	1.49
1.58	1.35	0.96	1.05	1.36	1.06	0.64	0.47	0.69	-	-	-	1.08
1.01	1.00	0.66	0.82	0.93	0.84	1.49	1.62	1.55	1.55	1.41	1.09	1.09
1.41	1.46	1.41	1.39	1.37	1.48	1.27	1.51	1.58	1.53	1.62	1.64	1.42
1.00	0.96	1.00	0.97	0.88	0.77	0.71	0.79	0.89	0.96	1.00	0.98	0.94

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.20	1.20	1.22	1.27	1.18	0.40	0.36	0.38	0.44	0.41	0.39	0.52	0.81
1.15	1.11	1.33	1.16	1.04	0.58	0.58	0.66	0.82	0.82	0.85	0.69	0.80
0.64	0.53	0.62	0.58	0.71	0.57	0.36	0.33	-	-	-	-	0.58
0.71	0.76	0.80	0.87	0.89	0.46	0.29	0.32	0.31	0.41	0.44	0.39	0.53
1.40	1.18	1.31	1.39	1.00	0.55	0.62	0.74	1.01	1.67	1.70	1.71	1.02
1.04	1.09	1.06	1.13	0.96	0.47	0.42	0.66	0.85	0.87	1.04	1.25	1.16
-	-	-	-	-	-	-	0.77	0.73	0.89	0.77	0.87	1.11
0.90	1.00	0.98	0.95	0.87	0.70	0.99	-	-	-	-	-	0.69
0.77	0.88	0.88	0.92	0.56	-	-	-	-	-	-	-	0.83
1.01	1.24	1.29	1.31	1.09	0.92	0.77	0.82	0.82	0.95	-	0.83	1.00
0.57	0.73	0.62	0.57	0.44	-	-	-	-	1.12	0.97	0.81	0.71
1.25	1.09	1.04	1.04	1.04	0.92	0.77	0.99	1.14	1.16	1.21	1.01	1.00
0.78	0.86	0.64	0.51	0.40	0.34	0.32	0.32	0.46	0.34	0.49	0.69	0.72
0.76	1.53	-	-	-	-	-	1.34	1.02	0.67	0.55	0.45	0.94
0.83	0.81	0.82	0.69	0.48	0.35	0.55	0.84	0.99	1.11	1.32	1.42	0.66
0.55	0.67	0.58	0.51	0.46	-	-	-	-	-	-	-	0.66
0.80	0.77	0.53	0.37	0.32	0.32	0.42	0.64	0.64	0.84	1.15	1.85	0.72
1.07	1.17	1.11	0.88	0.40	0.42	0.49	0.42	0.58	0.99	0.84	0.67	0.92
0.88	0.86	0.97	0.74	0.42	0.54	0.55	0.69	0.55	0.62	1.09	1.51	0.81
1.56	1.14	1.14	0.95	1.31	0.97	1.18	1.29	1.24	1.22	-	-	1.10
-	-	-	-	-	-	-	-	-	-	-	-	0.86
0.35	0.32	0.50	0.51	0.39	0.29	0.29	0.31	0.29	0.29	0.29	0.31	0.35
0.75	0.77	0.77	0.72	0.64	0.46	0.37	0.37	0.44	0.66	0.75	0.78	0.54
0.62	0.51	0.60	0.53	0.42	0.31	0.25	0.31	0.31	0.35	0.42	0.44	0.56
0.53	0.60	0.66	0.60	0.43	0.37	0.40	0.23	0.39	0.36	0.33	0.40	0.41
0.31	0.50	0.50	0.50	0.39	0.41	0.39	0.44	0.49	0.53	0.40	0.36	0.38
0.42	0.42	0.53	0.48	0.49	0.71	0.69	0.85	0.77	0.92	0.89	1.19	0.66
-	-	-	-	-	-	-	-	-	-	-	-	1.44
1.55	1.63	0.86	0.88	0.82	0.62	0.38	0.32	-	-	-	-	0.93
0.94	0.68	0.53	0.72	0.85	0.77	1.45	1.11	1.56	1.48	1.34	1.26	0.96
1.25	1.40	1.36	1.25	1.28	1.35	1.21	1.43	1.43	1.35	1.40	1.38	1.40
0.88	0.91	0.86	0.82	0.74	0.55	0.59	0.66	0.75	0.83	0.85	0.90	0.80

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	782	1194	868	680	782	521	521	738	1075	1235	1475	1354
2	347	608	608	521	434	521	434	521	521	1231	1355	1354
3	744	868	868	707	608	707	707	707	521	434	651	868
4	347	347	434	434	521	521	521	738	608	521	434	707
5	434	570	434	694	868	707	614	1074	1355	1673	1634	1435
6	1435	1515	1515	1435	1354	1275	1274	1115	1115	1035	1115	995
7	1115	955	1115	1075	1035	951	911	782	608	707	657	608
8	707	477	434	521	521	347	657	608	521	608	707	707
9	608	707	694	614	521	707	608	521	434	434	951	1035
10	1035	1035	1035	955	955	951	955	787	707	707	707	434
11	1101	1355	1234	787	434	347	521	564	608	521	738	868
12	434	707	608	1114	1194	1115	1115	1035	955	955	1115	995
13	434	2171	1355	1195	868	527	477	868	1115	1435	1515	1195
14	1195	1115	1115	1115	1115	951	1115	868	1195	909	782	868
15	347	347	347	347	347	347	347	521	1028	1115	782	1035
16	948	1115	608	950	695	1115	521	434	347	521	521	521
17	434	347	347	434	434	260	260	735	868	1070	1115	1315
18	1275	2062	861	1155	1274	992	992	955	782	787	905	608
19	260	260	260	86	86	174	86	434	521	782	782	608
20	-	-	-	-	868	608	707	1031	868	770	347	1312
21	1515	1595	1595	1515	1354	1435	1435	1355	1435	1673	1595	1475
22	818	521	521	521	478	521	614	782	695	564	521	608
23	347	347	260	260	347	347	347	347	814	1275	1354	1354
24	1035	1355	1115	1115	1195	707	521	570	782	909	1134	1475
25	695	521	434	434	478	434	434	608	570	347	260	521
26	260	260	347	260	347	347	347	390	434	260	303	260
27	347	434	521	658	782	831	868	825	788	478	434	347
28	995	1155	950	1275	1475	1354	1194	1155	1315	1194	1275	1275
29	745	1515	1195	1075	952	955	995	955	868	788	738	1115
30	434	434	347	347	347	260	390	521	608	1075	1275	1435
31	992	1115	1115	1035	1115	1194	901	949	1275	1275	1435	1515
Promedio	739	900	771	777	767	711	690	758	817	880	923	974

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	194	526	301	226	150	150	150	226	639	902	1120	1052
2	226	301	301	226	150	150	188	226	226	676	864	905
3	150	188	226	150	150	226	226	226	188	226	344	526
4	226	226	226	150	226	188	150	231	226	226	150	376
5	150	75	231	193	344	150	312	376	902	1390	1460	1320
6	976	976	905	676	752	676	752	608	676	828	1052	905
7	677	602	676	676	676	602	451	451	376	526	451	451
8	269	226	150	188	150	150	75	226	150	150	188	226
9	150	226	226	226	150	150	226	226	150	231	752	828
10	376	376	488	451	526	526	451	451	451	526	526	376
11	1730	1233	489	226	75	75	150	75	75	75	312	312
12	150	150	75	231	312	376	376	312	376	526	752	905
13	312	-	-	-	-	-	439	301	602	1052	1120	752
14	339	382	414	376	376	269	312	150	301	376	376	376
15	75	75	150	150	150	150	150	231	75	75	150	451
16	878	714	970	2000	489	150	376	226	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	226	226	150	269	312	312	269	231	188	715	752	527
20	-	75	00	226	231	414	414	226	312	682	976	1290
21	1052	976	976	1086	940	1120	867	827	710	976	1120	1014
22	451	150	75	75	75	150	150	226	226	269	226	301
23	226	231	150	150	75	150	150	75	489	1194	1275	1188
24	608	948	608	782	526	226	150	150	312	457	1254	1082
25	150	226	226	226	312	150	312	414	150	75	150	226
26	150	150	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	231	188	75	150	150
28	376	601	1250	782	864	676	602	602	526	451	639	676
29	312	1185	602	677	451	526	451	640	526	488	677	676
30	226	150	150	75	150	269	75	150	226	312	526	905
31	998	752	715	676	1182	1115	976	1052	1014	1014	976	976
Promedio	432	460	413	430	377	350	341	334	381	537	679	695

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1475	1755	1515	1194	1475	788	521	521	434	434	347	347	918
1075	868	1114	911	911	707	608	657	782	707	782	871	769
782	868	868	695	951	707	521	390	260	434	347	434	652
707	782	782	868	1035	707	521	434	738	651	434	434	593
1355	1435	1155	1194	1278	868	477	434	988	1354	1475	1354	1036
608	744	868	955	1035	614	434	651	868	782	782	951	1020
657	707	608	608	782	608	707	707	707	782	608	744	781
911	955	955	782	707	1108	608	521	521	347	347	608	633
955	868	868	868	608	434	347	347	347	434	521	521	623
521	608	782	782	955	868	782	707	707	782	1275	2235	886
657	707	707	707	521	521	651	434	477	347	347	608	657
955	868	782	782	868	955	868	868	868	782	521	434	870
955	1035	955	868	657	434	434	347	434	434	707	955	890
782	695	347	347	434	434	434	260	434	260	260	260	720
1150	1035	955	787	521	347	614	951	1035	695	1101	1677	741
608	608	608	608	434	521	521	521	434	434	434	434	602
1194	1194	868	-	434	434	434	434	707	744	1115	1275	715
608	260	260	-	260	347	347	347	347	347	347	260	712
608	521	608	-	-	-	-	-	-	-	-	-	405
1355	1514	1714	1275	1355	1155	1195	1435	1435	1354	1435	1515	1162
1755	1435	1275	1354	1035	868	868	868	955	782	1075	1194	1310
608	347	831	738	608	434	347	347	260	347	260	347	527
1515	1435	1354	1355	1035	565	434	434	614	1035	952	1035	798
1115	1035	955	788	658	347	260	260	434	434	521	868	816
707	788	992	955	614	434	347	260	260	260	347	434	506
260	347	434	347	347	347	434	434	521	614	347	347	358
347	347	347	347	478	707	745	825	608	825	868	912	611
1395	1435	1275	1435	782	1115	1155	912	737	347	390	608	1092
1115	608	788	950	1035	782	521	521	434	434	521	521	839
1435	1515	788	1194	1115	1115	1355	1673	1354	1275	1115	788	925
1355	1475	1595	1475	1275	1354	1115	1275	1275	1315	1354	1354	1256
952	929	902	899	807	688	620	626	666	659	698	811	790

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1082	1285	1048	676	532	188	226	231	226	226	188	226	490
526	376	451	376	226	150	75	188	376	376	376	301	343
376	451	526	451	602	269	226	226	269	269	269	269	293
312	312	344	413	301	312	226	376	312	451	231	75	261
1250	1120	974	905	676	301	269	226	381	752	905	828	645
526	526	526	526	376	269	150	226	376	451	451	602	616
451	376	376	376	376	312	312	344	344	381	269	312	452
381	301	312	226	150	150	150	226	226	226	150	150	200
752	676	526	376	312	226	150	150	150	226	150	226	311
376	451	526	526	526	376	376	376	676	451	2140	1320	568
150	226	150	150	150	226	226	226	150	150	75	150	286
752	602	526	526	602	526	376	451	526	526	451	451	452
451	451	312	226	226	226	150	150	150	150	150	226	392
226	602	678	1865	312	150	75	00	00	75	75	75	341
677	527	526	376	226	226	226	451	564	963	828	1930	392
-	-	-	-	-	-	-	-	-	-	-	-	725
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	150	188	150	188	188	864	526	344	325
451	376	376	226	226	601	226	188	75	150	-	-	321
1148	905	1014	828	905	527	677	976	328	905	602	905	655
1188	1052	828	828	564	451	451	451	707	301	451	527	811
344	312	564	526	301	226	150	150	150	75	150	226	231
1250	1120	1052	905	690	150	150	75	226	614	614	658	536
676	676	676	526	312	150	150	150	75	150	226	226	462
312	451	601	451	231	188	150	150	150	150	75	75	233
-	-	-	-	-	-	-	-	-	-	-	-	150
75	150	150	150	188	312	150	312	226	312	312	611	220
752	752	639	752	376	564	602	226	269	75	75	75	550
754	1048	526	301	301	226	75	75	75	75	150	226	460
828	828	312	752	752	752	976	1190	979	902	752	1001	552
905	1084	1120	940	828	905	828	905	828	828	790	828	926
629	631	580	562	408	327	284	317	339	396	423	476	450

IONES PESADOS POSITIVOS "N^+" por cm^3

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
1	12590	7180	7180	8060	8950	9860	12590	11690	9860	8950	8060	8060
2	20350	14350	17050	16130	15250	16130	17950	22400	16130	14350	10770	9860
3	-	-	-	-	-	-	10770	18870	16130	20350	16130	17950
4	25150	20350	20350	17950	17950	14350	13430	17950	20350	17950	17950	17050
5	21520	18870	17950	13430	8950	8950	13430	10770	9860	12590	9860	6295
6	5380	6295	5380	8950	8060	8950	8060	9860	8060	12590	8060	13430
7	-	6295	8060	11690	6295	7180	8950	10770	8950	7180	6295	7180
8	8950	13430	13430	15250	17050	20700	24200	36790	24200	16130	12590	8950
9	21520	17050	17950	12590	23360	13430	22400	25150	29600	35900	17950	20700
10	8060	12590	13430	8060	7180	7180	8950	10770	10770	7180	5380	6295
11	6295	8950	8950	7180	10770	10770	8950	9860	6295	7180	7180	8060
12	11690	8950	11690	8950	7180	7180	8950	8060	6295	5380	6295	5380
13	5380	5380	8060	7180	10770	7180	14350	8060	6295	6295	6295	8060
14	10770	6295	5380	6295	8060	7180	7180	10770	7180	8060	7180	5380
15	10770	7180	11690	16130	9860	10770	15250	17050	16130	27800	17050	14350
16	4490	6295	8060	8950	10770	6295	13430	13430	14350	15250	10770	9860
17	11690	12590	13430	11690	15250	25150	28730	34080	34080	8950	10770	6295
18	4490	4490	5380	5380	5380	5380	4490	5380	5380	8060	5380	8950
19	4490	3585	4490	3585	3585	3585	7180	8950	5380	4490	6295	7180
20	5380	1795	1795	1795	2690	2690	2690	6295	7180	5380	4490	6295
21	-	6295	3585	5380	7180	5380	5380	6295	10770	15250	9860	11690
22	7180	11690	11690	12590	13430	12590	11690	10770	12590	14350	18870	16130
23	21520	21520	21520	20350	20700	20350	20350	25150	26900	8950	8950	9860
24	8950	7180	8060	8060	8060	10770	14350	20350	12590	9860	7180	7180
25	8950	13430	11690	10770	14350	15250	20350	29600	25150	21520	20350	11690
26	34680	33190	28730	21520	20700	20350	16130	18870	26000	28730	32300	24200
27	8950	7180	4490	4490	3585	3585	4490	4490	6295	7180	7180	8950
28	4490	3585	2690	3585	3585	3585	2690	3585	3585	3585	3585	2690
29	8060	3585	4490	3585	5380	4490	5380	5380	6295	4490	4490	4490
30	14350	17050	25150	22400	18870	15250	15250	18870	16130	8950	10770	8950
31	7180	6295	6295	6295	6295	6295	6295	5380	6295	6295	6295	6295
Promedio	11546	10431	10936	10276	10650	10360	12074	14377	13390	12231	10470	9926

IONES PESADOS NEGATIVOS "N^-" por cm^3

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
1	10770	7180	8950	9860	8950	11690	12590	20700	7180	11690	8950	9860
2	17950	18870	17950	17950	18870	18870	23360	18870	17950	9860	8950	8060
3	-	-	-	-	-	-	10770	10770	17050	18870	16130	24200
4	25150	21520	17050	17950	17050	15250	15250	17950	20700	17050	17050	16130
5	18870	20350	17050	9860	8950	7180	10770	8950	8060	7180	8060	6295
6	5380	5380	8950	7180	6295	11690	8950	8060	9860	7180	8950	7180
7	8060	6295	7180	5380	6295	7180	8950	8950	8060	7180	9860	7180
8	11690	17950	17050	12590	20350	23360	34080	40400	22400	12590	6295	15250
9	14350	15250	16130	20350	15250	16130	29600	28730	35900	34080	16130	17050
10	8060	8060	8060	8950	7180	8950	10770	9860	8060	12590	8060	8060
11	5380	5380	5380	7180	13430	11690	6295	8060	7180	7180	7180	8950
12	14350	8950	9860	7180	6295	5380	5380	9860	7180	7180	7180	7180
13	-	17950	10770	7180	-	20350	17050	23360	13430	14350	9860	-
14	20350	23360	13430	10770	11690	10770	11690	12590	8950	8060	9850	10770
15	17950	15250	13430	14350	10770	20350	18870	25150	20350	16130	11690	13430
16	6295	8060	16130	11690	14350	8950	12590	17050	17050	12590	9860	8950
17	9860	12590	10770	11690	16130	29600	32300	44900	25150	8950	7180	6295
18	5380	5380	5380	6295	6295	5380	5380	5380	7180	4490	3585	-
19	5380	4490	4490	5380	3585	8950	7180	7180	5380	6295	8060	6295
20	7180	4490	4490	5380	3585	4490	5380	17950	7180	5380	7180	7180
21	-	5380	3585	4490	4490	4490	5380	5380	8060	9860	8950	8060
22	10770	12590	11690	9860	9860	9860	8950	10770	9860	17050	15250	16130
23	20700	22400	20700	20350	17950	20400	23360	23360	12590	7180	7180	7180
24	7180	8060	6295	7180	8950	10770	14350	10770	11690	8060	7180	6295
25	7180	11690	14350	13430	15250	14350	20350	30580	25150	25150	17950	11690
26	37680	36790	26000	24200	20700	17950	16130	17950	25150	34080	22400	26000
27	8060	5380	4490	5380	5380	4490	4490	7180	7180	8060	7180	8950
28	2690	5380	3585	3585	3585	4490	3585	6295	5380	5380	5380	2690
29	3585	3585	3585	5380	6295	5380	5380	8950	5380	5380	5380	3585
30	16130	21520	28730	18870	17950	15250	14350	17050	15250	10770	10770	11690
31	7180	7180	6295	6295	6295	6295	8060	4490	6295	4490	5380	4490
Promedio	11913	12224	11394	10540	10759	11998	13277	15726	13104	11753	9747	10175

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
8060	8060	8950	8060	6295	11690	31430	23360	24200	18870	21520	17950	12561
6295	5380	5380	6295	5380	-	-	-	-	-	-	-	12909
20700	20700	17950	18870	20350	20350	22400	25150	27800	34080	29600	28730	21493
11690	13430	13430	15250	14350	18870	24200	25150	34080	30580	26900	24200	19704
6295	6295	8060	5380	9860	13430	26000	20700	11690	8060	8060	7180	11812
6295	6295	8950	7180	7180	14350	20700	18870	7180	10770	9860	7180	9495
7180	13430	7180	9860	9860	11690	9860	8950	8950	8950	8060	13430	8967
9860	8060	12590	11690	11690	8060	15250	28730	25150	22400	22400	18870	16934
20700	20700	17050	16130	21520	25150	24200	28730	23360	23360	20350	24200	21794
8060	9860	6295	6295	6295	10770	11690	9860	10770	8950	10770	4490	8748
10770	8060	8060	7180	16130	16130	27800	27800	26000	26000	24200	9860	12851
5380	4490	6295	6295	3585	14350	9860	6295	8950	8950	7180	4490	7588
16130	7180	6295	-	15250	20350	24200	25150	20700	20700	18870	10770	12126
4490	6295	5380	6295	2690	2690	4490	5380	4490	7180	8060	11690	6619
8950	10770	11690	12590	17050	20350	13430	8060	7180	8950	11690	10770	13146
9860	8950	-	9860	9860	11690	12590	11690	13430	15250	14350	12590	10960
7180	6295	12590	-	10770	16130	17950	16130	10770	7180	6295	6295	14360
7180	4490	3585	9860	8950	9860	8060	9860	4490	3585	4490	6295	6202
3585	3585	2690	4490	11690	12590	8950	6295	5380	7180	7180	7180	5983
8950	7180	7180	8060	7180	7180	7180	5380	5380	6295	4490	4490	5309
9860	-	8060	7180	8950	8060	8950	8950	8060	10770	8950	7180	8274
16130	20350	15250	14350	15250	20350	22400	23360	23360	23360	23360	21520	16359
9860	9860	8950	10770	12590	17950	21520	22400	13430	10770	9860	8060	15922
10770	11690	10770	14350	13430	21520	26000	29600	18870	15250	16130	9860	13368
9860	7180	8060	7180	10770	17050	39420	32300	33190	30580	33190	33190	19378
24200	12590	11690	11690	12590	9860	10770	14350	7180	4490	9860	8950	18484
10770	8950	6295	8060	7180	4490	5380	3585	3585	2690	2690	3585	5755
3585	3585	2690	3585	4490	3585	3585	3585	4490	7180	6295	9860	4073
3585	3585	5380	4490	4490	5380	9860	10770	14350	15250	13430	10770	6727
8950	9860	13430	11690	9860	7180	6295	8060	6295	5380	6295	6295	12149
6295	5380	5380	6295	7180	5380	5380	5380	5380	5380	5380	5380	5988
9725	9084	8852	8976	10410	12883	15993	15796	13938	13613	13326	11860	11728

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
8060	7180	8950	6295	8060	20350	32300	26000	23360	18870	26900	21520	14009
6295	5380	5380	5380	7180	-	-	-	-	-	-	-	13360
20700	20700	17050	23360	17950	23360	26900	30580	30580	32300	30580	29600	22303
13430	13430	16130	15250	18870	27800	26000	26900	35000	29600	26000	25150	20486
7180	7180	8060	8060	9860	13430	29600	20350	8950	6295	5380	7180	10962
7180	6295	6295	7180	7180	17950	23360	10770	9860	8060	7180	8060	8934
7180	9860	8060	9860	9860	12590	10770	8950	8950	8950	13430	10770	8742
9860	4490	-	17050	9860	13430	20700	28730	26900	24200	24200	16130	18676
1795	15250	17050	15250	22400	22400	32300	27800	25150	26000	17950	14350	20277
5380	7180	5380	7180	8950	12590	11690	10770	9860	8950	7180	6295	9086
11630	8950	8950	8950	9860	16130	28730	24200	27800	26900	12590	8950	11955
5380	3585	6295	6295	6295	14350	11690	9860	14350	-	8950	12590	8505
9860	11690	-	-	21520	-	22400	32300	26900	27800	20350	14350	17859
8950	9860	8950	5380	5380	8060	8950	8950	9860	11690	14350	14350	11088
14350	11690	11690	16130	17950	20350	12590	8060	7180	8950	10770	8950	14432
8950	8950	10770	-	9860	12590	12590	11690	16130	12590	10770	12590	11785
8060	7180	13430	-	20700	17950	17950	15250	8950	7180	4490	4490	14828
-	8950	9860	7180	11690	11690	8060	11690	4490	4490	7180	5380	6854
5380	7180	4490	5380	17950	9860	9860	8950	11690	7180	5380	8060	7251
3585	7180	8060	9860	7180	8950	5380	7180	7180	4490	5380	3585	6578
-	13430	8060	8950	7180	8950	8950	8950	7180	10770	7180	7180	7496
16130	17950	10770	16130	17950	17050	22400	21520	21520	23360	22400	23360	15549
8950	8950	8060	9860	12590	17950	21520	17950	13430	7180	8060	8950	14450
8950	12590	11690	13430	14350	26000	28730	29600	17050	17950	13430	9860	12934
7180	7180	7180	8950	10770	28730	29600	36790	35000	32300	35900	35000	20071
24200	14350	12590	12590	10770	12590	12590	14350	8060	7180	8060	10770	18880
8060	8060	9860	8060	7180	4490	5380	3585	2690	3585	1795	5380	6014
3585	2690	3585	3585	2690	3585	3585	3585	5380	8950	7180	8060	4520
3585	4490	8060	9860	3585	8060	8950	11690	14350	17050	13430	14350	7472
8060	11690	15250	9860	7180	6295	3585	6295	5380	4490	6295	7180	12079
4490	4490	5380	6295	6295	5380	3585	5380	4490	3585	4490	5380	5499
8841	9291	9494	10058	11261	14583	16690	16289	14922	14169	12908	12265	12224

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	18.1	16.6	18.1	22.7	12.1	21.2	7.6	4.5	7.6	10.5	9.1	9.1	12.1
2	7.6	24.2	18.1	25.7	18.1	16.6	6.0	7.6	3.0	-	-	6.0	10.6
3	22.7	16.6	13.6	16.6	15.1	7.6	9.1	10.6	6.0	9.1	12.1	6.0	10.6
4	25.7	21.2	16.6	21.2	18.5	12.1	12.1	10.6	7.6	9.1	15.1	13.6	15.1
5	18.1	21.2	21.2	22.7	16.6	15.1	15.1	9.1	3.0	9.1	7.6	16.6	13.6
6	24.2	22.7	19.7	28.7	22.7	13.6	12.1	7.6	6.0	9.1	7.6	16.6	18.1
7	15.1	13.6	21.2	24.2	21.2	21.2	16.6	9.1	-	4.5	6.0	7.6	15.1
8	27.2	22.7	25.7	30.2	19.7	13.6	16.6	15.1	18.1	13.6	9.1	19.7	9.1
9	13.6	15.1	16.6	22.7	21.2	15.1	13.6	10.6	9.1	9.1	12.1	19.7	15.1
10	10.6	16.6	18.1	19.7	16.6	16.6	15.1	12.1	13.6	10.6	18.1	19.7	15.1
11	28.7	28.7	28.7	31.8	31.8	22.7	25.7	24.2	18.1	21.2	15.1	22.7	21.2
12	15.1	-	-	-	-	-	-	-	12.1	13.6	10.6	13.6	16.6
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	18.1	16.6	18.1	19.7	21.2	13.6	15.1	16.6	21.2	15.1	12.1	13.6	15.1
15	-	-	-	-	-	-	-	12.1	16.6	21.2	10.6	19.7	13.6
16	- 3.2	- 4.7	- 3.2	6.0	6.0	- 4.7	- 6.4	- 8.0	- 6.4	- 1.6	- 8.0	1.5	1.5
17	- 3.2	- 3.2	- 3.2	- 1.6	- 1.6	- 4.7	- 6.4	- 9.5	-14.3	-11.1	- 9.5	- 7.6	- 6.4
18	1.5	- 6.4	- 4.7	- 8.0	3.0	- 4.7	-17.5	-11.1	-17.5	-12.7	-11.1	-11.1	-22.3
19	-	-	-	-	-	-	-	-	-15.9	-13.6	-16.6	-10.6	-10.6
20	- 9.5	-19.1	-15.9	-11.1	- 9.5	-20.7	-20.7	-20.7	-23.8	-20.7	-20.7	-17.5	-15.9
21	-14.3	-12.7	- 9.5	- 8.0	-12.7	-14.3	-11.1	-11.1	-14.3	-19.1	-12.7	-11.1	-12.7
22	-	-	-	-	-	-	-	-	-23.8	-19.1	-14.3	-11.1	-11.1
23	- 8.0	- 3.2	- 3.2	1.5	1.5	- 8.0	1.5	- 4.7	- 8.0	-11.1	- 9.5	- 9.5	- 6.4
24	- 6.4	- 3.2	1.5	- 1.6	1.5	- 6.4	- 3.2	- 3.2	- 8.0	- 8.0	- 4.7	1.5	- 6.4
25	3.0	6.0	3.0	1.5	3.0	- 1.6	- 1.6	1.5	- 4.7	- 8.0	- 4.7	- 3.2	- 6.4
26	- 6.4	4.5	3.0	6.0	7.6	10.6	1.5	6.0	9.1	6.0	4.5	3.0	- 6.4
27	3.0	12.1	9.1	12.1	13.6	4.5	7.6	1.5	1.5	3.0	- 4.7	- 3.0	1.5
28	4.5	6.0	15.1	13.6	13.6	12.1	9.1	10.6	10.6	13.6	7.6	4.5	6.0
29	6.0	3.0	9.1	9.1	12.1	4.5	4.5	3.0	3.0	4.5	4.5	3.0	3.0
30	4.5	13.6	9.1	13.6	15.1	13.6	15.1	12.1	6.0	9.1	3.0	3.0	3.0
31	22.7	18.1	7.6	18.1	21.4	13.6	16.6	16.6	13.6	13.6	13.6	12.1	12.1
Prom	8.8	9.5	9.8	13.0	11.9	7.0	5.9	4.9	1.7	2.8	2.1	4.9	4.1
Var.	3.3	4.0	4.3	7.5	6.4	1.5	0.4	- 0.6	- 3.8	- 2.7	- 3.4	- 0.6	- 1.4

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	28.5	34.2	34.2	32.8	24.2	24.2	24.2	27.1	25.6	25.6	21.4	18.5	22.8
2	22.8	31.4	29.9	27.1	21.4	20.0	12.8	21.4	20.0	-	-	15.7	17.1
3	25.6	32.8	28.5	28.5	18.5	18.5	18.5	28.5	15.7	17.1	17.1	20.8	22.8
4	21.4	32.8	27.1	28.5	27.1	21.4	25.6	25.6	20.0	22.8	14.2	22.8	24.2
5	17.1	31.4	27.1	27.1	17.1	15.7	21.4	25.6	20.0	22.8	22.8	25.6	27.1
6	25.6	31.4	28.5	28.5	22.8	11.4	25.6	24.2	24.2	24.2	20.0	25.6	20.0
7	28.5	32.8	31.4	29.9	20.0	17.1	17.1	27.1	-	25.6	29.9	22.8	22.8
8	29.9	34.2	29.9	29.9	24.2	17.1	20.0	24.2	20.0	21.4	21.4	22.8	27.1
9	27.1	31.4	28.5	28.5	17.1	14.2	20.0	24.2	25.6	20.0	14.2	25.6	22.8
10	24.2	28.5	28.5	27.1	20.0	17.1	20.0	27.1	22.8	21.4	22.8	24.2	21.4
11	29.9	27.1	28.5	31.4	25.6	21.4	22.8	24.2	15.7	20.0	14.2	10.0	12.8
12	14.2	-	-	-	-	-	-	-	14.2	15.7	14.2	14.2	2.8
13	-	-	-	-	-	-	-	-	-	-	-	11.4	8.6
14	24.2	25.6	24.2	20.0	12.8	5.7	11.4	11.4	11.4	5.7	5.7	10.0	12.1
15	-	-	-	-	-	-	-	8.6	5.7	8.6	10.0	10.0	12.8
16	11.4	17.1	14.2	17.1	11.4	12.8	12.8	11.4	4.3	12.8	10.0	10.0	11.4
17	18.5	24.2	20.0	18.5	12.8	12.8	7.1	15.7	7.1	10.0	12.8	10.0	8.6
18	18.5	17.1	24.2	17.1	21.4	18.5	15.7	8.6	8.6	11.4	8.6	11.4	11.4
19	-	-	-	-	-	-	-	-	11.4	15.7	17.1	18.5	15.7
20	18.5	24.1	22.8	17.1	12.8	8.6	11.4	20.0	24.2	21.4	20.0	24.2	21.4
21	28.5	32.8	35.6	31.4	12.8	12.8	20.0	20.0	17.1	18.5	21.4	25.6	22.8
22	-	-	-	-	-	-	-	-	10.0	17.1	17.1	18.5	20.0
23	25.6	20.0	29.9	27.1	18.5	14.2	21.4	24.2	20.0	14.2	20.0	21.4	20.0
24	31.4	34.2	31.4	32.8	24.2	20.0	22.8	31.4	17.1	21.4	22.8	27.1	18.5
25	24.2	20.0	27.1	34.2	25.6	24.2	27.1	25.6	20.0	17.1	15.7	18.5	20.0
26	22.8	31.4	34.2	31.4	21.4	17.1	27.1	27.1	27.1	27.1	27.1	27.1	22.8
27	41.3	35.6	35.6	28.5	24.2	25.6	28.5	31.4	31.4	31.4	27.1	27.1	27.1
28	27.1	31.4	31.4	34.2	27.1	20.0	21.4	32.8	27.1	31.4	27.1	28.5	31.4
29	27.1	27.1	31.4	27.1	20.0	17.1	21.4	25.6	27.1	29.9	31.4	27.1	27.1
30	20.0	20.0	37.0	38.5	28.5	25.6	22.8	37.0	28.5	31.4	24.2	25.6	24.2
31	35.6	35.6	39.9	38.5	31.4	28.5	37.0	35.6	37.0	35.6	34.2	31.4	27.1
Prom	24.8	28.6	29.3	28.2	20.9	17.8	20.6	23.9	19.3	20.6	19.5	20.5	19.6
Var.	2.9	6.7	7.4	6.3	- 1.0	- 4.1	- 1.3	2.0	- 2.6	- 1.3	- 2.4	- 1.4	- 2.3

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
9.1	6.0	1.5	7.6	10.6	10.6	15.1	13.6	9.1	15.1	18.1	11.9	2
18.1	6.0	9.1	9.1	6.0	13.6	9.1	19.7	15.1	19.7	15.1	12.9	2
1.5	1.5	1.5	- 6.4	4.5	- 6.4	4.5	27.2	22.7	31.8	21.2	10.8	2
15.1	3.0	4.5	1.5	3.0	1.5	12.1	7.6	24.2	15.1	15.1	12.5	2
15.1	9.1	13.6	7.6	6.0	1.5	12.1	12.1	13.6	22.7	16.6	13.3	1
18.1	16.6	13.6	13.6	10.6	10.6	10.6	12.1	16.6	22.7	18.1	15.5	1
9.1	-	-	-	-	-	-	-	15.1	19.7	24.2	15.2	2
9.1	7.6	9.1	12.1	18.1	13.6	13.6	13.6	18.1	16.6	13.6	16.1	1
9.1	12.1	12.1	10.6	10.6	10.6	12.1	12.1	21.2	18.1	16.6	14.1	0
12.1	9.1	9.1	12.1	12.1	10.6	13.6	13.6	15.1	18.1	24.2	14.7	0
10.6	10.6	9.1	10.6	13.6	13.6	12.1	13.6	12.1	16.6	18.1	19.2	1
15.1	10.6	15.1	12.1	15.1	16.6	16.6	16.6	16.6	15.1	15.1	15.4	1
-	15.1	15.1	9.1	10.6	13.6	13.6	12.1	12.1	15.1	15.1	13.2	1
15.1	15.1	15.1	13.6	15.1	15.1	18.1	19.7	21.2	19.7	19.7	16.8	1
12.1	7.6	10.6	7.6	7.6	9.1	10.6	9.1	10.6	15.1	10.6	12.0	1
- 1.6	- 4.7	- 4.7	- 4.7	- 6.4	- 3.2	- 6.4	- 6.4	- 1.6	- 3.2	- 3.2	- 3.2	1
- 6.4	- 9.5	-	-11.1	-14.3	- 9.5	-14.3	-14.3	-20.7	-14.3	- 1.6	- 8.6	1
-15.9	-19.1	-11.1	-12.7	-11.1	-	-	-	-	-	-	-10.7	2
-15.1	- 9.1	-12.1	-10.6	-13.6	-10.6	-13.6	-13.6	- 9.1	- 4.5	- 6.4	-11.6	1
-14.3	-19.1	-17.5	-17.5	-19.1	-14.3	-19.1	-17.5	-11.1	- 6.4	-11.1	-16.4	1
- 9.5	-15.9	-15.9	-15.9	-12.7	-11.1	-14.3	- 8.0	- 8.0	- 6.4	- 4.7	-11.9	1
- 9.5	-14.3	-12.7	-12.7	-11.1	-11.1	-12.7	- 9.5	- 8.0	- 6.4	- 8.0	-12.2	1
- 6.4	-12.7	-11.1	- 9.5	- 6.4	- 6.4	- 6.4	- 3.2	- 4.7	- 1.6	- 1.6	- 5.7	0
- 8.0	- 9.5	- 9.5	-12.7	-12.7	-14.3	- 9.5	-15.9	-12.7	4.5	- 3.2	- 6.2	2
- 8.0	- 8.0	- 9.5	- 8.0	- 3.2	- 4.7	- 3.2	1.5	3.0	4.5	1.5	- 1.9	1
1.5	- 3.2	1.5	-12.7	-30.2	-19.1	-14.3	-15.9	3.0	- 9.5	22.3	- 1.2	2
4.5	- 4.7	- 3.2	-19.1	7.6	4.5	1.5	6.0	7.6	12.1	3.0	3.4	1
7.6	3.0	1.5	3.0	3.0	1.5	9.1	- 4.7	9.1	13.6	15.1	7.9	1
6.0	4.5	1.5	1.5	3.0	6.0	9.1	9.1	15.1	6.0	13.6	6.0	2
7.6	6.0	3.0	6.0	9.1	6.0	12.1	3.0	6.0	18.1	12.1	12.5	2
13.6	13.6	9.1	1.5	4.5	9.1	15.1	13.6	16.6	16.6	21.2	13.9	0
3.8	0.9	1.7	- 0.5	1.0	2.0	3.7	4.4	7.6	10.1	10.4	5.5	
- 1.7	- 4.6	- 3.8	- 6.0	- 4.5	- 3.5	- 1.8	- 1.1	2.1	4.6	4.9		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
25.6	27.1	31.4	25.6	15.7	25.6	21.4	25.6	29.9	29.9	20.0	25.8	2
20.0	14.2	12.1	22.8	25.6	18.5	21.4	22.8	25.6	25.6	24.2	21.5	2
21.4	20.0	21.4	20.0	15.7	17.1	20.0	18.5	21.4	27.1	24.2	21.6	1
22.8	22.8	21.4	15.7	21.4	14.2	17.1	18.5	15.7	27.1	17.1	22.0	0
27.1	21.4	24.2	18.5	24.2	21.4	22.8	22.8	21.4	24.2	22.8	23.0	0
25.6	21.4	18.5	20.0	21.4	25.6	20.0	25.6	18.5	27.1	21.4	23.2	2
21.4	-	-	-	-	-	-	-	22.8	28.5	28.5	25.4	1
22.8	34.2	21.4	25.6	25.6	25.6	24.2	25.6	28.5	28.5	22.8	25.3	2
21.4	25.6	20.0	21.4	25.6	25.6	21.4	24.2	22.8	27.1	18.5	23.0	1
28.5	31.4	24.2	21.4	24.2	18.5	21.4	25.6	25.6	31.4	27.1	24.4	1
11.4	22.8	18.5	12.8	12.8	11.4	17.1	20.0	17.1	22.8	20.0	19.6	2
15.7	11.4	15.7	14.2	12.8	18.5	20.0	18.5	18.5	25.6	20.0	15.7	2
4.3	2.8	5.7	5.7	12.1	14.2	12.8	15.7	15.7	20.0	18.5	11.3	2
12.1	10.0	11.4	12.8	14.2	12.8	11.4	10.0	14.2	14.2	14.2	13.2	1
7.1	10.0	11.4	10.0	10.0	15.7	5.7	11.4	8.6	4.3	7.1	9.2	2
11.4	8.6	8.6	12.8	7.1	15.7	7.1	14.2	15.7	14.2	14.2	11.9	1
12.8	14.2	-	17.1	12.8	14.2	11.4	15.7	15.7	14.2	15.7	14.0	1
11.4	12.8	12.8	11.4	11.4	-	-	-	-	-	-	14.0	2
12.8	15.7	5.7	14.2	15.7	15.7	11.4	14.2	21.4	21.4	15.7	5.1	2
21.4	15.7	14.2	14.2	18.5	18.5	12.8	17.1	22.8	27.1	22.8	18.8	2
25.6	15.7	11.4	11.4	22.8	22.8	14.2	27.1	27.1	31.4	18.5	22.0	2
17.1	17.1	15.7	14.2	18.5	21.4	17.1	21.4	27.1	27.1	21.4	12.5	2
25.6	20.0	18.5	28.5	24.2	25.6	22.8	27.1	38.5	32.8	31.4	23.8	2
27.1	21.4	22.8	22.8	11.4	20.0	20.0	27.1	25.6	29.9	24.2	24.5	2
21.4	24.2	21.4	15.7	22.8	21.4	20.0	27.1	25.6	31.4	27.1	23.2	1
21.4	17.1	18.5	21.4	28.5	20.0	15.7	17.1	20.0	15.7	12.8	23.0	2
25.6	31.4	25.6	34.2	20.0	20.0	21.4	21.4	32.8	29.9	21.4	28.3	2
27.1	22.8	22.8	20.0	20.0	20.0	21.4	27.1	28.5	35.6	24.2	26.7	2
25.6	20.0	21.4	25.6	22.8	29.9	25.6	34.2	35.6	39.9	31.4	27.1	1
45.6	29.9	34.2	28.5	28.5	27.1	27.1	34.2	34.2	35.6	35.6	26.0	2
32.8	31.4	32.8	35.6	35.6	32.8	35.6	41.3	39.9	45.6	38.5	35.4	1
21.0	19.8	18.8	19.2	19.4	20.3	18.7	22.4	23.9	26.5	22.0	21.9	
- 0.9	- 2.1	- 3.1	- 2.7	- 2.5	- 1.6	- 3.2	0.5	2.0	4.6	0.1		

PRESIÓN ATMOSFÉRICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.6	63.6	63.6	63.4	63.4	63.7	63.9	63.8	63.6	63.3	62.9	62.2	61.7	61.0	60.9
2	63.5	63.4	63.2	63.1	63.3	63.6	64.3	64.5	64.8	64.9	64.9	64.6	64.6	64.5	64.6
3	67.6	67.6	67.7	67.7	68.1	68.3	69.0	70.5	70.8	70.7	70.7	70.5	69.9	69.7	69.6
4	71.0	70.9	70.6	70.4	70.5	70.6	70.7	70.8	70.7	70.7	70.9	70.8	70.5	69.7	69.4
5	68.8	68.7	68.1	67.8	67.8	68.1	68.5	68.1	68.0	68.0	67.8	67.1	66.5	66.0	65.8
6	65.2	65.1	64.9	64.7	64.8	64.7	65.1	64.7	64.3	63.7	63.3	62.2	61.2	60.6	60.4
7	61.5	61.2	61.1	60.9	60.9	61.1	61.1	61.4	61.6	61.4	61.3	60.7	60.4	59.8	59.3
8	60.3	60.4	59.9	59.9	59.9	60.2	60.6	60.6	60.9	60.8	60.8	60.8	60.4	60.2	60.1
9	62.0	62.0	61.9	62.0	62.4	63.0	63.2	63.5	63.7	63.3	63.1	62.5	61.7	60.9	60.6
10	59.1	59.0	59.0	58.5	58.2	58.1	58.3	58.2	58.1	58.1	57.8	57.0	56.3	55.6	55.5
11	58.2	57.2	57.4	57.5	57.6	58.3	58.7	59.6	59.8	60.2	60.1	59.4	59.1	58.9	58.7
12	58.7	58.2	57.6	57.4	57.2	57.1	53.9	56.5	56.1	55.3	54.1	52.8	51.3	50.2	49.5
13	49.2	49.0	48.0	49.0	49.4	46.9	48.5	49.3	49.7	50.4	50.7	51.1	51.3	51.5	51.4
14	53.6	53.4	53.4	53.1	52.6	52.3	52.5	52.6	52.8	52.5	52.3	52.1	51.9	52.1	53.1
15	57.8	57.5	57.8	57.8	57.9	58.1	58.6	58.8	58.8	59.2	59.2	59.0	58.6	57.8	57.4
16	55.7	54.7	55.0	54.5	54.0	55.7	55.7	57.7	58.2	58.0	57.4	57.8	58.5	58.6	58.8
17	63.4	63.8	63.6	63.3	63.4	63.6	63.6	63.6	63.7	63.9	63.5	62.9	62.4	61.7	61.6
18	60.2	59.5	59.3	59.3	59.4	59.4	59.5	59.4	59.3	59.3	58.8	58.2	57.5	57.4	56.6
19	55.7	55.3	54.9	54.5	54.3	54.4	54.5	54.6	54.6	54.8	54.4	54.1	53.4	53.3	52.9
20	56.4	56.5	56.6	56.8	57.4	58.0	58.6	59.6	59.8	60.7	62.0	62.2	61.3	60.9	61.4
21	66.0	66.4	66.8	66.5	66.9	66.9	67.3	67.7	67.9	68.2	68.6	68.2	67.5	67.2	67.4
22	69.7	69.7	69.4	69.5	69.4	69.6	70.0	70.1	70.7	70.6	70.1	69.8	69.5	69.3	69.4
23	71.1	70.9	70.9	70.9	70.7	70.8	71.3	71.2	71.3	71.4	71.3	70.7	69.9	69.5	69.4
24	69.5	69.1	68.8	68.4	68.2	68.2	68.4	68.2	68.4	68.5	68.3	67.6	67.2	67.1	66.6
25	67.1	66.5	66.4	66.4	66.1	66.3	66.4	66.4	66.3	66.4	66.2	65.4	64.8	64.5	64.7
26	64.7	64.5	64.2	63.8	63.6	63.5	63.7	64.0	64.1	64.2	64.3	63.7	63.3	63.0	62.8
27	63.8	63.6	63.3	62.9	62.4	62.3	62.6	62.5	63.1	62.9	62.3	61.4	60.9	60.0	59.6
28	56.7	56.4	55.6	55.1	54.4	54.3	54.2	54.2	54.2	54.2	54.1	53.8	53.3	52.8	52.7
29	54.7	54.8	54.5	53.9	54.0	54.2	54.5	54.1	53.9	54.7	54.8	54.8	54.3	54.6	54.5
30	57.6	57.8	57.5	57.5	57.7	58.2	57.7	58.7	58.7	58.9	58.8	58.4	58.3	58.6	57.9
31	61.0	61.7	61.8	61.4	62.3	62.5	63.8	64.4	64.9	65.2	65.2	65.0	65.0	65.0	65.3
Prom	61.7	61.6	61.4	61.2	61.2	61.4	61.6	61.9	62.0	62.1	61.9	61.5	61.0	60.7	60.6

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	11.0	10.6	9.6	9.0	8.9	8.9	8.8	12.2	15.8	18.2	20.0	20.3	20.7	21.0	20.9
2	7.5	6.9	6.2	6.2	7.9	7.1	6.7	11.2	15.5	19.0	20.7	21.8	22.1	22.2	22.5
3	10.1	9.2	8.7	7.1	6.1	5.7	5.1	8.4	12.1	14.1	15.9	17.5	18.0	18.2	18.7
4	5.9	5.3	4.9	4.5	4.5	3.1	2.2	6.4	10.7	14.3	16.5	17.4	17.6	17.8	17.7
5	6.9	6.1	8.1	8.4	8.1	7.6	6.9	10.4	13.1	15.8	17.6	18.4	18.6	19.0	18.9
6	12.0	11.4	10.9	10.8	10.8	10.7	9.9	11.4	12.8	15.0	16.6	19.0	19.8	20.8	21.1
7	13.8	13.6	13.5	13.5	13.3	12.9	12.7	14.0	15.6	17.1	19.2	19.3	20.1	20.4	20.4
8	13.2	12.5	11.9	11.1	10.0	9.6	7.6	10.4	14.1	18.3	19.7	21.4	22.2	23.2	23.2
9	8.9	8.4	7.7	8.0	8.5	8.4	8.9	11.2	14.3	17.6	18.7	19.7	19.8	20.2	20.3
10	14.0	14.1	13.5	13.5	13.6	13.3	13.3	16.8	18.2	21.4	23.5	24.8	25.7	26.0	25.8
11	15.8	15.6	15.0	14.4	13.4	13.0	12.9	13.4	13.7	13.7	14.2	15.4	17.4	18.6	20.2
12	13.7	13.5	12.8	12.9	12.8	12.8	12.8	15.4	17.2	19.1	21.2	22.2	22.8	23.4	23.8
13	15.8	14.7	14.3	15.1	15.2	15.4	16.2	14.4	16.7	18.1	19.4	19.9	20.1	20.2	20.3
14	15.8	15.8	15.6	15.4	14.8	14.7	14.7	16.0	17.4	18.7	19.6	20.5	20.1	18.4	18.4
15	11.7	11.5	11.6	11.6	11.6	11.6	11.4	12.4	15.6	19.7	20.9	21.6	21.1	22.2	21.9
16	12.8	12.6	12.9	13.7	13.9	13.9	13.9	14.0	14.3	15.0	17.2	17.5	18.3	18.6	18.6
17	12.0	11.3	11.1	10.8	10.8	10.2	10.3	13.0	16.2	17.2	18.6	19.0	18.9	19.6	18.3
18	14.8	14.8	16.0	16.0	16.0	16.3	16.6	17.2	17.4	19.2	21.2	21.6	20.1	20.0	20.7
19	18.8	18.7	18.8	19.6	18.5	17.8	17.7	19.0	20.6	21.5	22.8	24.3	24.1	25.0	24.8
20	16.0	15.7	15.8	15.8	15.0	15.0	14.2	14.2	14.4	13.5	12.8	12.2	12.4	13.6	13.1
21	8.8	8.6	8.6	8.1	7.9	7.7	7.4	7.0	7.8	8.7	10.0	9.8	9.5	9.4	8.7
22	7.0	7.0	7.1	7.1	7.1	6.2	6.2	6.8	7.9	9.7	11.2	11.5	12.2	12.4	12.7
23	6.0	4.8	4.0	3.0	2.5	2.5	2.3	5.2	12.1	13.0	13.4	13.8	13.8	13.8	13.8
24	9.2	8.7	8.9	8.6	8.7	7.5	7.9	10.6	12.1	14.1	15.5	16.6	17.1	17.2	17.0
25	10.0	8.2	7.6	7.5	9.3	8.6	7.2	8.0	11.7	15.3	17.3	17.5	17.3	17.8	17.5
26	9.7	9.7	9.8	9.0	9.1	9.9	10.1	11.0	12.1	13.3	15.0	17.1	18.3	18.4	18.3
27	14.0	13.7	13.6	13.1	12.8	12.6	12.5	12.4	12.5	12.9	13.6	14.4	15.5	16.0	15.9
28	14.0	13.8	13.4	13.1	12.8	12.3	12.0	11.8	12.1	12.3	13.1	13.3	13.9	14.8	14.8
29	12.8	12.8	12.7	12.7	12.7	12.6	12.6	13.6	15.3	15.9	14.9	15.3	15.7	15.6	15.7
30	8.4	8.7	7.7	7.9	7.9	7.1	8.1	8.4	9.3	13.2	14.9	14.8	14.5	14.4	14.4
31	9.0	9.1	8.7	7.9	7.9	7.9	7.9	8.4	8.4	8.3	8.6	9.6	9.7	9.8	10.4
Prom	11.6	11.2	11.0	10.8	10.7	10.4	10.2	11.8	13.8	15.6	16.9	17.7	18.0	18.3	18.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
60.9	61.2	61.7	62.3	62.7	62.8	63.0	63.0	63.3	63.9	7	60.9	15,16	3.0	762.7 mm.	1016.9 mb.
64.7	64.9	64.4	65.9	66.9	67.0	67.7	67.8	67.7	67.8	23	63.1	4	4.7	65.0	1020.0
69.7	69.8	70.0	70.3	70.7	70.9	71.0	71.1	71.2	71.2	24	67.6	1,2	3.6	69.7	1026.2
68.8	68.7	69.0	69.2	69.5	69.6	69.5	69.4	69.2	71.2	0	68.7	17	2.5	70.0	1026.6
65.3	65.4	65.6	65.5	65.4	65.4	65.5	65.4	65.4	69.2	0	65.4	varios	3.8	66.8	1022.4
60.4	60.4	60.6	60.8	60.9	60.9	61.0	60.9	61.2	65.4	0	60.4	15,16,17	5.0	62.6	1016.8
59.2	59.4	59.5	59.6	59.9	60.2	60.2	60.3	60.6	61.6	9	59.2	16	2.4	60.5	1014.0
60.1	60.1	60.6	60.6	60.9	61.3	61.6	61.66	61.7	61.7	24	59.9	3,4,5	1.8	60.6	1014.1
59.9	59.7	59.8	59.7	59.7	59.5	59.5	59.2	59.1	63.7	9	59.1	24	4.6	61.3	1015.0
55.3	55.3	55.2	55.3	55.9	55.8	57.3	58.3	59.3	59.3	24	55.2	18	4.1	57.3	1009.7
58.4	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.8	60.2	10	58.4	16	1.8	58.7	1011.6
49.2	49.0	48.7	48.6	48.6	48.2	46.7	46.7	46.7	58.8	0	46.1	22-23	12.7	52.4	1003.2
51.7	51.8	51.9	52.7	53.4	54.2	54.2	54.2	53.7	54.3	21-22	45.9	6-7	8.4	51.0	1001.3
52.8	53.3	54.4	55.2	56.0	56.3	56.9	57.2	57.8	57.8	24	51.9	13	5.9	53.8	1005.0
57.0	56.6	55.6	55.0	54.9	55.1	54.7	57.4	56.4	59.3	11-12	53.6	22-23	5.7	57.4	1009.8
59.3	59.9	61.0	61.7	62.2	62.5	62.9	63.3	63.5	63.5	24	53.8	4-5	9.7	58.6	1011.4
61.4	61.4	61.5	61.4	61.2	61.0	60.7	60.5	60.4	63.9	10	60.4	24	3.5	62.4	1016.5
56.6	56.5	56.1	56.4	56.7	56.6	56.5	56.4	56.1	60.7	0-1	56.1	18,24	4.6	58.0	1010.6
53.2	53.5	54.0	54.3	54.5	54.9	55.6	55.7	56.4	56.4	24	52.9	15	3.5	54.5	1006.9
62.1	63.4	63.5	64.4	64.8	65.0	65.3	65.7	65.9	65.9	24	56.4	0,1	9.5	61.2	1014.9
67.7	68.1	68.5	69.3	69.7	69.6	69.6	69.7	69.6	69.7	20,23	65.9	0	3.8	68.0	1024.0
69.6	70.0	70.3	71.0	71.1	71.2	71.2	71.4	71.4	71.4	23,24	69.3	14	2.1	70.2	1026.9
69.0	69.2	69.2	69.4	69.5	69.6	69.6	69.5	69.6	71.4	0,10	69.0	16	2.4	70.2	1026.9
66.5	66.5	66.5	66.6	66.6	67.1	67.2	67.3	67.3	69.6	0	66.5	16,17,18	3.1	67.7	1023.6
64.8	64.7	64.9	65.2	65.5	65.3	65.0	64.7	64.7	67.3	0	64.5	14	2.8	65.6	1020.8
62.8	63.0	63.0	63.3	63.6	63.6	63.7	63.7	63.7	64.7	0,1	62.8	15,16	1.9	63.7	1018.2
59.5	59.4	59.3	59.0	59.0	58.8	58.3	57.7	57.3	63.8	1	57.3	24	6.5	60.9	1014.5
52.7	53.0	53.4	53.6	53.6	53.8	54.2	54.6	54.8	57.3	0	52.7	15,16	4.6	54.2	1005.6
54.7	55.6	56.2	56.5	56.8	57.3	57.4	57.4	57.5	57.5	24	53.7	8-9	3.8	55.2	1006.9
58.0	58.6	59.0	59.4	59.4	59.5	60.2	60.6	61.4	61.4	24	57.4	3-4	4.0	58.7	1011.6
65.7	66.1	66.5	67.0	67.2	67.3	67.5	67.6	67.7	67.7	24	61.0	1	6.7	64.9	1019.8
60.5	60.7	60.9	61.2	61.5	61.6	61.7	61.8	61.9	63.8		59.2		4.6	61.4	1015.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
20.3	19.0	15.2	12.3	11.0	10.1	9.0	8.4	7.6	21.0	14	7.6	24	13.4	13.7
22.4	19.6	17.4	15.6	16.8	16.0	15.1	13.4	11.7	22.8	14-15	6.2	3,4	16.6	14.6
17.8	15.9	12.7	9.9	8.4	7.8	6.3	5.2	4.9	18.7	15	4.9	24	13.8	11.0
16.8	14.9	11.9	9.7	7.8	6.0	6.2	7.8	6.8	17.8	14	2.2	7	15.6	9.9
18.5	17.1	14.2	13.1	13.2	14.2	14.1	13.3	12.8	19.0	14	6.8	0	12.2	13.1
20.5	18.2	16.1	14.7	15.6	15.2	14.8	14.7	13.9	21.1	15	9.9	7	11.2	14.9
20.3	19.3	18.9	17.9	18.0	17.2	16.6	15.6	15.1	20.4	15	12.7	7	7.7	16.6
23.3	19.4	16.3	13.9	13.0	12.5	11.6	10.4	10.1	23.3	16	7.6	7	15.7	15.0
19.7	18.0	16.3	15.5	15.0	14.8	14.7	14.1	13.8	20.3	15	7.7	3	12.6	14.3
24.8	21.5	20.3	19.6	19.4	19.4	17.3	16.6	16.4	26.0	14	13.2	6-7	12.8	18.9
19.6	17.3	14.5	13.3	13.6	13.7	13.5	14.7	14.4	20.2	15	12.7	19-20	7.5	15.0
23.8	22.8	22.0	21.9	22.2	22.5	22.7	23.4	23.5	23.8	15,16	12.8	varios	11.0	19.2
20.5	19.2	16.5	16.3	15.6	14.7	15.0	15.4	15.4	23.5	0	14.3	3	9.2	16.8
18.3	18.1	17.9	17.1	16.0	15.7	14.0	13.2	12.0	20.5	12	12.0	24	8.5	16.6
20.6	19.4	18.6	18.1	18.8	18.7	17.4	14.6	12.9	22.2	14	11.4	7	10.8	16.5
18.4	16.4	15.3	14.9	14.2	13.2	12.4	12.0	12.2	18.6	14,15	12.0	23	6.6	14.8
17.5	16.7	16.7	16.6	16.4	15.7	15.4	15.4	15.4	19.8	13-14	10.2	6	9.6	15.1
20.8	20.5	19.9	19.5	20.0	20.1	19.9	19.4	19.5	21.6	12	14.8	1,2	6.8	18.6
24.2	23.0	21.0	20.2	20.0	19.9	19.1	17.5	16.7	25.0	14	16.7	24	8.3	20.6
13.1	12.2	11.1	11.1	10.0	10.2	10.2	9.7	9.4	16.7	0	9.4	24	7.3	12.9
8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.7	7.2	10.0	11	7.0	8	3.0	8.4
12.2	11.0	8.9	7.9	7.2	6.9	6.9	6.7	6.4	12.7	15	6.2	6,7	6.5	8.6
13.3	11.1	9.7	9.2	9.2	9.3	9.4	9.4	9.3	13.8	varios	2.3	5	11.5	8.9
16.2	14.9	13.4	12.2	11.6	11.7	10.9	11.7	11.3	17.2	14	7.5	6	9.7	12.2
17.3	15.7	13.1	11.5	10.4	10.5	10.7	10.6	9.6	17.8	14	7.2	7	10.6	12.1
16.8	14.9	14.9	15.0	15.0	15.0	14.7	14.5	14.2	18.4	14	9.0	4	9.4	13.6
15.9	15.9	15.7	15.6	15.0	14.7	14.5	14.2	14.1	16.0	14	12.4	8	3.6	14.2
14.7	14.0	13.7	13.6	13.2	12.7	12.4	12.4	12.5	14.8	14,15	11.8	8	3.0	13.2
15.7	15.5	13.9	13.1	12.0	8.9	9.0	9.3	8.3	15.9	10	8.3	24	7.6	13.2
13.7	13.6	11.7	10.9	9.6	10.0	10.0	10.2	9.8	15.1	11-12	7.1	6	8.0	10.8
10.3	9.8	9.5	9.5	9.6	9.6	9.5	9.5	9.5	10.4	15	7.9	5,6,7	2.5	9.1
17.9	16.6	15.0	14.1	13.7	13.4	12.9	12.6	12.2	18.8		9.4		9.4	14.0

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	90	88	92	94	96	96	96	96	77	63	51	50	47	49	49
2	94	94	94	94	95	96	96	97	81	65	58	57	56	56	56
3	78	84	86	88	95	96	96	86	79	72	55	41	36	33	30
4	93	93	93	94	94	94	95	94	79	68	63	58	58	55	51
5	94	95	96	96	96	97	97	90	79	67	58	51	50	47	47
6	84	85	87	88	89	89	90	87	83	73	66	59	57	56	56
7	76	78	82	82	82	84	86	82	77	71	64	62	62	62	65
8	91	94	94	93	92	93	93	93	92	76	65	61	61	58	51
9	90	91	93	94	90	87	89	87	77	64	62	60	58	57	56
10	88	86	88	89	89	88	88	81	77	68	59	53	49	49	50
11	91	91	91	90	90	91	91	91	90	91	91	85	77	73	68
12	94	93	94	94	92	92	92	87	84	79	70	64	63	64	63
13	98	98	98	98	98	98	92	95	84	81	78	76	79	78	75
14	93	94	94	95	96	96	96	93	89	86	83	81	84	96	95
15	94	94	94	94	94	95	96	98	79	61	48	44	47	49	51
16	88	86	89	93	91	92	93	96	96	92	83	82	77	75	74
17	94	94	93	92	92	93	93	93	79	70	65	61	64	64	70
18	88	86	82	82	85	88	90	90	90	85	80	78	84	87	88
19	90	89	86	88	89	89	88	87	80	76	71	68	69	68	69
20	98	98	95	94	92	94	82	86	85	90	93	77	75	61	62
21	74	73	73	74	75	75	74	74	70	66	60	55	57	56	63
22	73	77	81	84	84	87	86	82	77	71	67	69	67	63	57
23	93	99	100	100	100	100	100	94	71	62	57	56	55	48	49
24	83	89	91	90	92	96	96	84	77	69	64	63	65	68	69
25	91	94	94	93	92	91	90	89	88	78	70	70	71	66	69
26	91	90	89	92	93	96	96	97	98	98	94	84	79	77	78
27	88	89	90	94	96	98	97	98	96	97	97	96	92	91	91
28	91	90	89	90	89	88	88	90	91	92	94	96	94	93	90
29	93	86	86	89	91	92	92	93	93	90	94	92	89	90	87
30	93	93	93	94	95	95	96	94	88	70	61	53	56	57	57
31	91	83	82	84	89	86	88	89	90	93	94	86	93	89	79
Prom.	89	89	90	91	91	92	92	90	84	77	71	67	67	66	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	8.5	8.0	8.0	7.8	8.0	8.0	8.0	10.1	10.0	9.5	9.0	8.0	8.5	9.0	8.5
2	7.4	6.8	6.4	6.2	7.2	7.2	7.0	9.7	10.5	10.0	10.5	11.0	11.0	11.2	11.5
3	7.0	7.2	7.2	6.6	6.4	6.6	6.4	7.1	8.0	8.5	7.0	6.8	5.8	5.2	4.4
4	6.4	6.0	6.0	5.8	5.8	5.2	4.8	6.8	7.4	8.0	8.5	8.5	8.5	8.2	7.8
5	6.8	6.4	7.8	7.8	7.8	7.4	7.2	9.4	8.5	9.0	8.5	8.0	7.6	7.9	7.6
6	8.5	8.0	8.5	8.0	8.0	8.0	7.8	8.8	9.0	9.0	9.5	9.5	9.5	10.3	10.5
7	9.0	9.0	9.5	9.5	9.0	9.0	9.5	9.8	10.0	10.5	10.0	10.5	11.0	11.2	11.0
8	10.5	10.0	9.5	9.0	8.5	8.0	7.2	9.3	11.0	12.0	10.5	11.5	12.5	12.2	11.0
9	7.4	7.6	7.2	7.4	7.2	7.2	7.4	8.7	9.0	9.0	10.0	9.5	9.5	10.1	10.0
10	10.0	10.5	10.0	10.0	10.0	10.0	10.0	11.6	12.0	12.5	12.0	12.0	11.5	12.4	11.5
11	12.0	12.0	12.0	10.5	10.0	10.0	10.0	11.1	10.0	10.5	11.0	10.5	11.5	11.6	11.5
12	10.5	10.5	10.0	10.0	10.0	10.0	10.0	11.3	12.0	12.5	12.5	12.5	12.5	13.6	13.0
13	13.0	12.0	11.5	12.0	12.5	12.5	12.5	11.7	11.5	12.5	13.0	13.0	13.5	13.4	12.5
14	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.6	12.5	14.0	14.0	14.5	14.5	15.1	14.5
15	9.5	9.0	9.0	9.0	9.0	9.0	9.0	10.5	10.0	10.5	8.5	9.0	8.5	9.8	10.0
16	9.5	9.5	9.5	10.5	10.5	10.5	10.5	11.3	11.5	11.5	12.0	12.0	12.0	12.0	11.5
17	9.5	9.0	9.0	9.0	9.0	8.5	8.5	10.4	10.5	9.5	9.5	10.0	10.0	10.7	10.5
18	11.0	11.0	11.0	11.0	11.0	12.0	12.0	12.6	13.0	13.5	14.5	14.5	14.5	15.1	15.5
19	14.0	14.0	14.0	14.5	13.5	13.0	13.0	14.1	14.0	14.5	15.0	15.0	15.0	16.0	15.5
20	13.0	13.0	13.0	12.5	11.5	11.5	10.0	10.4	10.0	10.0	10.0	8.0	7.8	7.0	7.0
21	6.0	6.0	6.0	5.8	5.6	5.6	5.4	5.5	5.2	5.4	5.6	4.6	5.0	5.0	5.2
22	5.4	5.8	6.2	6.2	6.2	6.2	6.2	6.0	6.0	6.4	6.6	6.8	7.0	6.8	6.2
23	6.4	6.2	5.8	5.4	5.2	5.2	5.2	6.2	7.6	7.0	6.4	6.6	6.2	5.7	5.6
24	7.0	7.2	7.8	7.2	7.6	7.4	7.6	8.1	8.0	8.0	8.0	8.5	9.0	10.0	9.5
25	8.5	7.4	7.2	7.0	8.0	7.6	6.6	7.1	8.5	10.0	10.0	10.0	10.5	10.1	10.0
26	8.0	7.8	7.8	7.8	7.8	8.5	9.0	9.5	10.0	11.0	11.5	12.0	12.0	12.1	12.0
27	10.0	10.0	10.0	10.0	10.5	10.5	10.5	10.3	10.5	10.5	11.0	11.5	12.0	12.4	12.0
28	11.0	10.0	10.0	9.5	9.5	9.0	9.0	9.3	9.5	9.5	10.0	11.0	10.5	11.7	11.0
29	10.0	9.5	9.5	9.5	10.0	10.0	10.0	10.8	12.0	11.5	11.5	12.0	11.5	11.8	11.5
30	7.6	7.8	7.2	7.2	7.2	7.0	7.8	7.8	8.0	7.6	7.8	6.6	7.0	7.0	7.0
31	7.8	7.0	6.8	6.6	6.8	6.8	6.8	7.9	7.2	7.4	7.6	7.8	8.0	8.1	7.2
Prom.	9.1	8.9	8.9	8.8	8.8	8.7	8.6	9.5	9.8	10.0	10.0	10.0	10.1	10.4	10.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
53	62	78	84	87	90	91	92	94	96	varios	46	13-14	50	78
60	73	85	91	75	63	65	68	71	97	8	56	13,14,15	41	77
48	51	68	79	85	86	88	89	91	96	6,7	30	15	66	72
50	56	74	80	86	89	93	93	94	95	7	50	16	45	79
50	60	71	77	77	72	74	77	81	97	6,7	47	14,15	50	75
56	61	73	75	73	73	73	73	73	90	7	56	14,15,16	34	74
68	73	77	81	80	81	83	86	87	87	24	62	12,13,14	25	76
47	57	71	78	81	84	86	88	89	94	2,3	47	16	47	79
61	70	77	84	89	91	91	91	91	94	4	56	15	38	79
52	69	75	79	79	77	92	93	92	93	23	49	13,14	44	75
69	81	84	87	89	91	92	92	93	93	24	66	15-16	27	87
65	71	75	78	77	77	77	71	71	94	1,3,4	62	13-14	32	79
74	85	92	91	93	93	94	93	93	98	varios	74	16	24	89
94	94	92	91	91	92	92	92	94	96	5,6,7	81	12	15	92
56	66	68	69	64	64	85	98	98	98	8,23,24	43	11-12	55	75
74	82	87	87	89	90	92	93	94	98	0	74	15,16	24	87
78	85	86	86	85	87	88	88	88	94	0,1,2	61	12	33	83
91	88	87	88	88	89	88	89	88	95	15-16	77	11-12	18	87
82	84	89	90	91	97	97	97	98	98	24	68	14	30	85
55	59	67	68	70	71	70	71	70	98	0,1,2	55	16	43	78
64	67	69	69	70	72	72	72	73	75	5,6	55	12	20	69
60	70	78	82	85	86	87	88	90	90	24	57	15	33	77
53	60	65	70	73	73	75	77	80	100	varios	48	14	52	77
70	78	82	85	88	91	93	89	90	98	6-7	63	12	35	82
72	79	85	92	95	94	93	93	92	94	2,3	66	14	28	85
91	96	93	91	89	85	84	85	87	96	17	77	14	19	90
91	90	90	89	89	94	93	91	91	98	6,8	87	0	11	93
86	88	88	87	86	92	92	94	94	96	12	86	16	10	90
86	85	87	89	88	88	90	92	92	94	0,11	85	17	9	90
58	57	72	65	81	67	68	73	82	96	7,8	53	12	43	76
79	81	83	81	79	78	77	76	77	91	1	76	23	15	84
68	73	80	82	83	83	85	86	87	94		62		32	81

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	10.0	9.5	8.5	8.6	8.0	7.8	7.6	7.4	10.1	8	7.4	24	2.7	8.6
11.5	12.0	12.0	12.0	10.8	8.5	7.8	7.8	7.4	12.0	17,18,19	6.2	4	5.8	9.3
7.2	7.0	7.4	7.0	6.6	6.8	6.2	5.8	6.0	8.5	10	4.4	15	4.1	6.7
6.8	7.2	7.4	6.8	6.8	6.0	6.4	7.2	6.8	8.5	11,12,13	4.8	7	3.7	6.9
7.6	8.0	8.5	8.5	8.7	8.5	8.5	8.5	9.0	9.4	8	6.4	2	3.0	8.1
10.0	9.5	9.5	9.0	9.6	9.0	9.0	9.0	8.5	10.5	15	7.8	7	2.7	9.0
12.0	12.0	12.5	12.5	12.3	12.0	11.5	11.5	11.0	12.5	18,19	9.0	varios	3.5	10.7
10.0	9.5	10.5	9.0	9.1	8.5	8.5	8.0	8.0	12.5	13	7.2	7	5.3	9.7
10.5	10.0	10.5	10.5	11.3	11.5	11.5	11.0	10.5	11.5	21,22	7.2	3,5,6	4.3	9.4
12.0	12.5	12.5	13.0	13.3	13.0	13.5	13.0	12.5	13.5	22	10.0	varios	3.5	11.7
11.5	12.0	10.0	10.0	10.3	10.5	10.5	11.5	11.0	12.0	1,2,3	10.0	varios	2.0	11.9
13.5	14.5	14.0	15.0	15.4	15.5	15.5	15.5	15.5	15.5	varios	10.0	varios	5.5	12.7
13.0	13.5	12.5	12.5	12.3	11.5	11.5	12.0	12.0	13.5	13,17	11.5	varios	2.0	12.4
14.5	14.0	14.0	13.5	12.4	12.0	11.0	10.5	9.5	15.1	14	9.5	24	5.6	12.8
10.0	11.0	10.5	10.5	10.4	10.0	12.0	12.0	10.5	12.0	22,23	8.5	11,13	3.5	9.9
11.5	11.5	11.0	11.0	10.6	9.5	9.5	9.5	9.5	12.0	varios	9.5	varios	2.5	10.7
11.5	11.5	12.0	12.0	11.8	11.5	11.0	11.0	11.0	12.0	18,19	8.5	6,7	3.5	10.3
16.5	15.5	15.0	14.5	15.1	15.0	15.0	14.5	14.5	16.5	16	11.0	varios	5.5	13.7
18.5	17.0	16.0	15.0	15.7	16.5	16.0	14.5	14.5	18.5	16	13.0	6,7	5.5	15.0
5.8	6.0	6.6	6.6	6.4	6.6	6.2	6.4	5.8	13.0	1,2,3	5.8	16,24	7.2	8.8
5.0	5.6	5.4	5.4	5.7	5.8	5.8	5.6	5.4	6.0	1,2,3	4.6	12	1.4	5.5
6.0	6.6	6.4	6.4	6.5	6.4	6.4	6.4	6.2	7.0	13	5.4	1	1.6	6.3
6.0	5.6	5.6	5.8	6.4	6.2	6.4	6.8	6.8	7.6	9	5.2	5,6,7	2.4	6.1
9.0	9.5	9.0	8.5	8.9	9.0	3.5	8.5	8.5	10.0	14	7.0	1	3.0	8.3
10.5	10.0	9.0	9.0	8.9	8.5	8.5	8.5	8.0	10.5	13,16	6.6	7	3.9	8.7
13.0	12.0	11.5	11.5	11.3	10.5	10.0	10.0	10.5	13.0	16	7.8	varios	5.2	10.3
12.0	11.5	11.5	11.5	11.3	11.5	11.0	11.0	11.0	12.4	14	10.0	varios	2.4	11.0
10.5	10.0	10.0	10.0	9.7	10.0	9.5	9.5	10.0	11.7	14	9.0	6,7	2.7	10.0
11.5	10.5	10.0	9.5	9.2	7.4	7.4	8.0	7.6	12.0	9,12	7.4	21,22	4.6	10.1
6.6	6.6	7.4	6.0	7.3	6.2	6.2	6.6	7.4	8.0	9	6.0	19	2.0	7.1
7.2	7.4	7.2	7.2	7.0	6.8	6.8	6.8	6.8	8.1	14	6.6	4	1.5	7.2
10.3	10.3	10.2	9.9	10.0	9.6	9.5	9.5	9.3	11.5		7.9		3.6	9.6

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	N	-	N	-	N	-	N	-	N	-	N	-	N	-	N	-	N	-	N	-	N	-	N	-	NW	-	NW	-	NW	-
2	C	-	C	-	C	-	NE	-	NE	-	NE	-	NW	-	C	-	NW	-	NW	-	W	-	W	-	SW	-	SW	-	SW	-
3	E	-	E	-	E	-	E	-	SE	-	SE	-	C	-	S	-	SE	-	SE	-	SE	-	SE	-	SE	-	SE	-	SE	-
4	C	-	S	-	SE	-	SE	-	E	-	C	-	C	-	SE	-	SE	-	SE	-	E	-	E	-	E	-	E	-	E	-
5	NE	-	C	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	N	-	N	-	NW	-	NW	-	NW	-	NW	-	NW	-
6	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	N	-	N	-	N	-	N	-	NW	-	N	-
7	N	-	N	-	N	-	N	-	N	-	N	-	NE	-	NE	-	N	-	NW	-	NW	-	NW	-	NW	-	NW	18	NW	14
8	W	5	NW	5	NW	3	W	3	NW	2	W	4	W	2	C	0	C	1	C	1	SW	4	SW	5	SW	6	SW	3	SW	2
9	C	1	S	2	S	2	S	2	S	4	SE	5	SE	4	SE	5	E	7	E	10	E	17	E	14	E	14	E	13	E	10
10	NE	10	NE	10	NE	8	NE	9	NE	14	NE	13	NE	13	NE	12	NW	20	NW	21	NW	21	NW	22	NW	20	NW	20	NW	20
11	SW	3	NE	9	NE	7	NW	4	W	4	SW	5	SW	4	W	4	SW	3	SW	2	SE	2	C	1	NE	4	W	3	C	1
12	E	7	E	7	NE	6	NE	11	NE	13	NE	11	NE	15	NE	15	NE	21	NE	22	NE	22	NE	28	NE	27	NE	26	NE	21
13	SW	36	SW	18	SW	10	SW	10	W	6	E	9	NE	16	W	3	W	7	W	13	W	12	W	8	SW	6	SW	3	S	2
14	NE	12	NE	12	NE	9	NE	8	NE	9	NE	8	NE	10	NE	9	NE	14	N	15	N	11	W	3	SW	6	SW	8	SW	4
15	W	3	W	2	NW	4	NW	3	NW	3	C	1	C	1	C	1	E	3	E	4	E	8	E	11	E	11	E	11	E	10
16	SE	18	SE	16	E	9	E	15	E	15	E	10	E	7	S	2	W	5	SW	5	W	4	SW	4	SW	5	SW	7	SW	5
17	C	0	C	1	C	1	SE	3	E	4	E	2	SE	5	E	7	NE	9	NE	19	NE	17	NE	13	NE	9	NE	9	E	9
18	N	17	NE	9	NE	11	NE	13	NE	10	N	12	NW	11	NW	10	NW	13	NW	18	NW	14	NW	17	NW	12	NE	5	NE	6
19	NE	6	N	7	N	11	N	8	N	7	N	9	NW	11	NW	11	NW	16	NW	14	NW	15	NW	15	NW	19	NW	11	W	7
20	S	8	S	7	S	7	S	9	S	9	S	8	S	9	S	6	S	9	S	10	S	5	S	7	S	7	S	7	S	8
21	SE	9	SE	7	SE	7	S	7	S	7	S	8	S	6	S	7	S	9	SE	9	SE	11	SE	11	SE	10	SE	10	S	7
22	SE	6	SE	2	SE	2	SE	2	SE	3	SE	2	SE	4	SE	3	SE	7	SE	5	SE	8	SE	7	SE	7	SE	10	SE	14
23	SE	5	SE	2	C	1	SE	4	SE	3	SE	4	SE	3	SE	3	E	11	E	18	E	11	E	21	E	19	E	16	E	16
24	E	9	E	7	E	4	E	7	E	6	E	4	E	5	E	7	NE	6	NE	9	NE	16	NE	12	NE	7	E	10	E	10
25	E	3	E	4	E	3	E	4	E	7	E	5	E	3	E	4	E	4	E	4	E	5	E	9	E	8	E	11	E	11
26	S	2	S	4	S	2	S	3	S	3	S	4	S	3	S	2	SE	3	SE	2	S	2	SE	4	E	4	E	8	SE	3
27	SE	2	SE	5	SE	2	SE	4	SE	5	SE	6	SE	6	SE	5	SE	8	SE	5	SE	6	SE	7	SE	7	SE	8	SE	6
28	S	7	SW	7	SW	9	SW	11	SW	12	SW	11	SW	10	SW	9	SW	10	SW	9	W	11	W	13	W	12	W	9	W	11
29	NW	11	NW	14	NW	11	NW	7	N	7	N	9	NE	6	NE	6	NW	14	NW	17	W	9	W	7	SW	3	E	2	C	1
30	E	3	E	2	C	1	S	3	S	3	S	2	SE	4	SE	4	SE	5	SE	7	SE	7	SE	10	SE	9	SE	8	SE	10
31	S	18	S	18	S	17	S	19	S	18	S	20	S	18	S	18	S	21	S	19	S	17	S	23	S	22	S	15	S	18
DIR. PREV.	E-NE-SE		E-NE-SE-S		NE		NE		NE		NE		NE		NE		SE		SE		SE		SE		SW-NW-E		E		E	
Nº de HORAS	5		5		7		7		7		6		8		7		6		7		6		6		6		8		8	
PROM. HOR. DE LA VELOC.		8		7		6		7		7		7		7		6		9		11		11		11		11		10		9

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
NW	-	NW	-	C	-	NE	-	C	-	C	-	C	-	C	-	C	-	N	12	-	25	NW	13.52
SW	-	SW	-	C	-	C	-	SE	-	SE	-	E	-	E	-	E	-	C	6	-	19	E	21.28
SE	-	NE	-	E	-	C	-	C	-	C	-	C	-	C	-	C	-	SE	10	-	19	SE	13.17
E	-	E	-	E	-	E	-	C	-	E	-	E	-	E	-	E	-	E	14	-	18	NE	11.14
NW	-	N	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	14	-	38	N	11.30
NE		NE	-	E	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	17	-	35	N	9.56
N	10	N	8	N	9	N	11	N	10	NW	7	NW	8	NW	9	NW	8	N	12	10	34	NW	11.36
C	1	C	0	SW	3	C	1	C	0	C	0	S	2	C	0	C	1	C	10	2	15	S	21.06
E	9	E	6	E	7	E	8	E	9	E	9	E	7	E	5	NE	8	E	15	7	23	E	10.38
NW	18	NW	12	N	9	N	10	N	10	N	9	NW	13	SW	10	S	3	NW	10	14	43	SW	21.55
C	1	C	1	C	1	E	2	E	4	E	4	E	6	E	9	E	8	E	6	4	17	E	22.12
NE	22	NE	18	NE	15	NE	14	NE	18	NE	17	NE	23	NE	35	NW	29	NE	21	18	54	N	22.08
NE	2	NE	3	NE	5	NE	5	NE	2	C	1	NE	7	NE	8	NE	7	NE	9	8	120	NW	0.28
SW	4	SW	5	SW	6	SW	3	SW	4	S	4	C	1	W	3	W	3	NE	9	7	26	SW	13.28
E	9	E	12	E	13	E	13	NE	15	E	14	E	11	SE	18	SW	20	E	13	8	54	SW	22.54
SW	4	C	0	S	2	S	3	C	1	C	0	C	1	C	0	C	0	C-SW	6	6	35	SE	0.34
E	8	E	5	E	6	E	8	NE	10	NE	13	NE	13	NE	12	NE	13	NE	11	8	34	NE	9.38
E	3	E	7	NE	8	NE	8	NE	8	NE	12	NE	9	NE	5	NE	8	NE	13	10	26	N	0.16
W	2	NW	2	NW	5	W	3	SW	4	S	4	S	6	S	9	S	8	NW	10	9	27	NW	11.52
S	7	S	7	S	6	S	6	S	7	S	8	S	10	SE	10	SE	10	S	22	8	20	S	22.16
S	6	SE	5	SE	5	SE	5	SE	5	SE	7	SE	5	SE	5	SE	3	SE	16	7	22	SE	11.20
SE	10	SE	5	SE	3	SE	3	SE	3	SE	5	SE	3	SE	5	SE	3	SE	24	5	24	E	14.40
E	15	E	10	E	7	E	6	E	7	E	8	E	8	E	10	E	8	E	16	9	38	E	11.04
E	8	E	6	E	6	E	6	E	6	E	8	E	6	E	6	E	4	E	19	7	25	N	10.44
E	8	E	5	C	1	E	4	E	2	E	2	E	4	E	5	E	2	E	23	5	19	E	14.28
E	4	E	7	E	6	E	7	E	6	E	6	E	7	SE	5	SE	4	E-S	9	4	13	E	13.29
SE	5	SE	5	S	6	S	7	S	6	S	5	S	6	S	6	S	6	SE	17	6	17	S	23.32
W	9	W	9	W	10	W	5	C	1	NW	3	NW	3	NW	2	NW	5	SW-W	9	8	26	SW	11.30
C	1	SW	3	SW	3	S	2	C	1	C	0	C	1	C	1	C	1	C	7	6	28	NW	9.22
SE	12	SE	12	S	12	S	15	S	18	S	19	S	17	S	18	S	16	SE	11	9	38	S	21.07
S	17	S	17	S	16	S	13	S	15	S	15	S	12	S	14	S	11	S	24	17	46	S	11.41
E		E		E		E		C-E		E		E		E		NE-E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		106 Km.		
9		9		9		9		7		8		9		7		6					DIREC.	DIA	HORA
	8		7		7		7		7		7		8		8		8	E	145	8	NW	13	de 0.30 a 0.35

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	12	-	1	-											5	-	6	-
2			3	-	3	-	2	-			5	-	2	-	3	-	6	-
3			1	-	5	-	10	-	1	-							7	-
4					14	-	5	-	1	-							4	-
5	3	-	14	-											6	-	1	-
6	5	-	17	-	1	-									1	-		-
7	12	48	2	-											10	64		112
8									1	2	6	23	4	14	3	10	10	54
9			1	8	15	145	3	14	4	10							1	178
10	4	38	8	89					1	3	1	10			10	187		327
11			3	20	6	33	1	2			5	17	3	11	1	4	5	92
12			21	400	2	14									1	29		443
13			9	55	1	9			1	2	6	83	6	49			1	199
14	2	26	9	91					1	4	8	40	3	9			1	171
15			1	15	13	130	1	18			1	20	2	5	3	10	3	201
16					5	56	2	34	3	7	6	30	2	9			6	138
17			11	137	8	49	2	8									3	196
18	2	29	13	112	2	10									7	95		246
19	5	42	1	6					4	27	1	4	3	12	10	119		210
20							2	20	22	167								187
21							16	114	8	57								171
22							24	122										122
23					16	191	7	24									1	216
24			5	50	19	125												175
25					23	117											1	118
26					9	55	6	21	9	25								101
27							17	92	7	42								134
28									1	7	9	88	9	89	4	13	1	198
29	2	16	2	12	1	2			1	2	3	9	2	16	6	74	7	137
30					2	5	11	88	10	123							1	217
31									24	411								411
SUMAS	47	199	122	995	145	941	109	557	99	889	51	324	36	214	70	605	65	4754
% PREVAL POR VELOCIDAD	4.2		20.9		19.8		11.7		18.7		6.8		4.5		12.7		0.6	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	4		8		6		5		9		6		6		9		0.5	198

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	5	5	5	4	2	2	1	4
1 - 2	3	5	5	5	5	2	1	2	3
2 - 3	3	7	4	4	4	2		3	4
3 - 4	3	7	4	5	6	2	1	3	
4 - 5	4	7	5	4	6	1	2	2	
5 - 6	5	6	5	5	5	2	1		2
6 - 7	1	8	3	6	4	2	1	3	3
7 - 8	1	7	3	6	6	1	2	2	3
8 - 9	3	5	4	6	3	2	2	5	1
9 - 10	4	3	4	7	2	3	1	6	1
10 - 11	3	3	5	6	3	1	5	5	
11 - 12	2	3	5	6	2	2	5	5	1
12 - 13	1	4	6	5	2	6	1	6	
13 - 14		3	8	5	2	5	2	6	
14 - 15	1	2	7	5	4	4	2	4	2
15 - 16	1	3	9	4	3	3	2	3	3
16 - 17	2	4	9	4	2	3	1	3	3
17 - 18	2	4	9	2	5	3	1	1	4
18 - 19	2	6	9	2	6	1	2		3
19 - 20	2	7	6	3	4	2			7
20 - 21	1	5	8	3	6			2	6
21 - 22		6	9	2	6			3	5
22 - 23		6	7	5	4	1	1	2	5
23 - 24		6	6	4	5	1	1	3	5
SUMAS	47	122	145	109	99	51	36	70	65
% de frec. por dirección	6.3	16.4	19.5	14.7	13.3	6.8	4.8	9.4	8.7

NUBES, VISIBILIDAD

DÍAS	N U B E S										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	Claro	0	Claro	0	Ac	2	Claro	0	Claro	0	98	98	98
2	As	7	Ci	3	Ci	2	Sc	5	Cb	2	7	8	8
3	Ci	2	Ci	2	Ci	2	Claro	0	Claro	0	9	7	6
4	Sc	3	Cu	1	Claro	0	Claro	0	Claro	0	6	8	2
5	Claro	0	Cu 1 Ci 1	2	Ci	1	Claro	0	Cs	4	8	8	8
6	As	8	Cs	6	Ci	6	Cs	6	Cs	8	8	7	8
7	As	8	As	8	Ac As	8	Ac As	7	Ac As	8	7	7	8
8	Claro	0	Cs	6	Co	6	Ci	3	Cs	8	2	6	3
9	Claro	0	Ci	2	Ci	3	Cs	8	Cs	8	2	7	6
10	Cs	8	Cs	8	Ci	3	Ac	4	Ac	8	8	8	8
11	Niebla	8	As	8	Cs	8	Sc	1	Niebla	8	1	6	0
12	Ci	1	Ci 5 Cu 1	6	Ci	6	Claro	0	Ci	1	8	8	8
13	As	5	As	8	Cs	7	Ac	2	Cs	4	8	8	6
14	Cu	1	Sc	8	Cb	8	Claro	0	Claro	0	9	4	2
15	Ac	5	Ac	3	Ac 2 Ci 5	7	Cs	4	Cs	3	6	7	8
16	Ac As	7	Ac	6	Cu 2 Cs 6	8	Cs	3	Cs	2	6	7	8
17	Ac	6	Ac	6	Ac	6	Sc	5	Cb	3	6	9	9
18	St	8	Sc	8	Sc	7	Sc	6	Fs	8	8	8	8
19	Ac 2 Cs 6	8	Ac 4 Cs 4	8	Ac	7	Ac	7	Ac	6	8	8	8
20	Ac As	8	St	8	As Ac	7	Sc	7	Sc	6	8	8	8
21	Sc	7	Sc	7	St 5 Ac 2	7	St	7	St	8	8	8	8
22	Sc 3 Ac 3	6	Ac As	8	Sc 3 As 3 Ci 1	7	Claro	0	Cu	2	8	8	9
23	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	4	8	8
24	Ci	6	Cu 1 Ci 5	6	Cu 3 Cs 4	7	Claro	0	Claro	0	8	8	8
25	Ac 4 Ci 2	6	Ci	2	Cu 3 Ci 1	4	Claro	0	Claro	0	4	8	8
26	Niebla	8	Cu	1	Cu	6	St	8	St	8	0	4	8
27	St	8	St	8	St	8	St	8	St	8	5	5	8
28	St	8	St	8	Sc	8	St	8	St	8	5	9	9
29	Fs	8	St	8	Sc	8	Ac	4	Claro	0	8	8	1
30	Sc	6	Cu	8	Sc	8	Sc	7	Sc	8	8	8	8
31	Fs	8	Fs	8	Fs	8	St	8	St	8	8	8	8
Prom.		5		6		6		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	35.0	19.5	1.26	0	5	5	
	10	38.9	22.5	1.33	0	5	5	
	12	41.6	25.1	1.34	0	5	5	
	14	41.2	25.5	1.28	2	5	5	
	15	37.6	24.0	1.10	2	5	5	
2	9	35.1	20.0	1.23	5	5	4	Ne.
	10	29.5	20.6	0.72	4	5	4	B.
	12	41.5	26.1	1.25	3	5	4	B.
	14	41.5	27.0	1.18	2	5	5	
	15	38.0	25.0	1.06	2	5	5	
3	9	33.5	16.5	1.38	3	5	5	
	10	35.5	18.5	1.38	2	5	5	
	12	39.4	22.4	1.38	2	5	4	B.
	14	39.0	22.4	1.36	2	5	4	B.
	15	36.0	21.3	1.20	1	5	5	
4	9	30.5	15.0	1.26	2	5	3	B., Ne.
	10	35.4	18.7	1.36	2	5	3	B.
	12	38.7	21.8	1.37	1	5	5	
	14	37.6	21.6	1.30	0	5	5	
	15	35.5	20.6	1.21	0	5	5	
5	9	32.0	17.0	1.22	0	5	5	
	10	36.2	20.5	1.28	0	5	5	
	12	40.0	23.4	1.35	2	5	5	
	14	38.5	23.2	1.24	1	5	5	
	15	36.0	22.4	1.10	0	5	5	
6	9	19.0	14.0	0.41	8	1	4	B.
	10	31.0	18.6	1.01	6	4	4	B.
	12	39.7	24.0	1.28	6	5	4	B.
	14	41.0	25.2	1.28	6	5	5	
	15	40.0	25.0	1.22	6	5	5	
7	9	21.2	16.8	0.36	8	1	4	B.
	10	30.5	20.2	0.84	8	2	4	B.
	12	30.0	22.0	0.65	8	2	4	B.
	14	28.4	22.0	0.52	8	2	4	B.
	15	24.5	21.0	0.28	8	2	4	B.
8	9	32.4	18.8	1.10	8	5	3	Ne.
	10	38.0	22.5	1.26	8	5	3	Ne.
	12	43.3	26.6	1.41	6	5	4	B.
	14	40.5	26.6	1.13	6	5	4	B.
	15	39.0	26.0	1.06	2	5	4	B.
9	9	28.2	17.2	0.88	0	5	3	Ne.
	10	36.2	21.6	1.19	0	5	4	Ne.
	12	39.6	23.8	1.28	2	5	5	
	14	38.6	23.8	1.20	3	5	5	
	15	32.0	22.0	0.81	6	5	5	
10	9	28.5	20.0	0.69	8	4	5	
	10	39.1	24.7	1.17	8	5	5	
	12	42.7	28.5	1.15	8	5	5	
	14	42.3	29.3	1.06	3	5	5	
	15	38.0	27.8	0.83	6	5	5	
11	9				8	0	2	N.
	10	18.9	14.7	0.34	8	0	2	N.
	12	26.2	17.8	0.68	8	0	2	Ne.
	14	32.5	21.0	0.93	8	3	3	Ne.
	15	36.6	22.4	1.15	6	5	4	Ne.
12	9	35.0	21.0	1.14	3	5	5	
	10	38.9	23.3	1.27	2	5	5	
	12	42.5	27.0	1.26	6	5	5	
	14	36.5	26.2	0.84	6	5	5	
	15	37.6	26.6	0.88	7	5	5	
13	9	35.2	21.0	1.15	2	5	5	
	10	37.0	22.5	1.18	6	5	5	
	12	32.0	22.0	0.81	8	2	5	
	14	36.0	23.6	1.01	7	5	5	
	15	32.5	22.6	0.80	6	5	5	
14	9	34.0	20.8	1.07	4	5	5	
	10	38.6	23.2	1.25	6	5	5	
	12	28.2	21.8	0.52	8	0	4	
	14				8	0	1	LL.
	15				8	0	1	LL.
15	9	35.0	20.5	1.18	4	5	4	Ne.
	10	36.0	22.8	1.07	5	5	5	
	12	42.0	25.5	1.34	3	5	5	
	14	40.0	25.5	1.18	7	5	5	
	15	35.5	23.6	0.97	6	5	5	
16	9	18.5	15.0	0.28	7	2	3	B.
	10	20.0	16.0	0.32	7	2	4	B.
	12	27.4	19.3	0.66	6	2	5	
	14	34.2	22.0	0.99	8	5	5	
	15	28.0	20.0	0.65	8	5	5	
17	9	30.0	18.5	0.93	6	3	5	
	10	36.7	21.2	1.26	1	5	5	
	12	34.0	22.0	0.98	6	3	5	
	14	35.5	23.0	1.02	6	5	5	
	15	26.7	19.5	0.58	6	3	5	
18	9	21.6	18.9	0.22	8	0	5	
	10	24.0	20.0	0.32	8	0	5	
	12	26.7	22.2	0.36	8	0	5	
	14				7	0	5	Am.
	15				7	0	5	Am.
19	9	34.5	23.0	0.93	8	5	5	
	10	36.2	24.5	0.95	8	5	5	
	12	35.5	26.0	0.77	8	3	5	
	14	37.5	27.2	0.84	7	5	5	
	15	27.0	24.0	0.24	8	1	5	
20	9	18.7	14.8	0.32	8	0	5	
	10				8	0	5	LL.
	12				8	0	5	Am.
	14				7	0	5	Am.
	15	14.2	12.7	0.12	7	0	5	
21	9	15.7	9.5	0.50	7	1	5	
	10	17.8	10.5	0.59	7	1	5	
	12	16.5	11.0	0.45	7	0	5	
	14	13.9	10.4	0.28	7	0	5	
	15	10.6	9.0	0.13	7	0	5	
22	9	15.0	9.5	0.45	7	1	5	
	10	23.0	12.6	0.84	6	3	5	
	12	18.7	13.0	0.46	8	1	5	
	14	18.0	13.5	0.36	7	0	5	
	15	18.0	13.2	0.39	6	4	5	
23	9	29.5	15.0	1.18	0	5	5	
	10	32.0	16.5	1.26	0	5	5	
	12	34.4	18.0	1.33	0	5	5	
	14	33.3	17.8	1.26	0	5	5	
	15	30.5	16.6	1.13	0	5	5	
24	9	30.5	16.4	1.15	6	5	5	
	10	35.5	19.2	1.33	6	5	5	
	12	37.6	21.5	1.31	6	3	5	
	14	35.5	20.6	1.21	7	5	5	
	15	31.0	19.4	0.94	7	5	5	
25	9	22.0	13.5	0.69	5	5	3	Ne.
	10	37.0	19.6	1.41	4	5	2	Ne.
	12	-	-	-	-	-	-	s/R.
	14	34.4	21.0	1.09	4	5	5	
	15	33.8	20.5	1.08	2	5	5	
26	9	19.0	13.6	0.44	8	1	0	N.
	10	25.5	16.2	0.76	8	1	0	N.
	12	32.2	20.9	0.92	1	2	0	N.
	14	23.8	19.0	0.39	6	1	3	Ne.
	15	21.0	18.5	0.20	6	0	3	Ne.
27	9				8	0	3	Z., Ne.
	10				8	0	3	Z., Ne.
	12				8	0	3	Z., Ne.
	14	18.8	16.5	0.19	8	0	3	Ne.
	15	16.9	16.0	0.07	8	0	3	Ne.
28	9				8	0	4	Z., Ne.
	10				8	0	4	Z., Ne.
	12				8	0	5	Am., Ne.
	14	19.0	16.0	0.24	8	0	5	
	15	17.8	15.5	0.19	8	0	5	
29	9	23.4	16.7	0.54	8	1	5	
	10	16.5	15.5	0.08	8	0	5	
	12				8	0	5	Z.
	14				8	0	5	Z.
	15				8	1	5	Z.
30	9	27.0	17.0	0.81	5	0	5	
	10	36.5	19.5	1.38	5	0	5	
	12	22.0	16.3	0.46	8	0	5	
	14	16.2	14.5	0.14	8	0	5	
	15	15.7	14.5	0.10	8	0	5	
31	9				8	0	5	LL.
	10				8	0	5	LL.
	12				8	0	5	LL.
	14				8	0	5	LL.
	15				8	0	5	Am.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.0	10.6	85
2			0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.4	10.6	79
3				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.7	10.5	83
4			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			8.9	10.5	85
5			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			8.9	10.5	85
6					0.1	1.0	1.0	1.0	0.7	0.5	1.0	0.6			5.9	10.4	57
7						0.1									0.1	10.4	01
8				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.0	10.4	77
9				1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2			7.8	10.4	75
10				1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.2	10.3	80
11								0.6	1.0	1.0	0.9	0.1			3.6	10.3	35
12				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.3	10.3	81
13				0.4	1.0	1.0	0.7	0.1	0.2	0.3	0.6	0.3			4.6	10.3	45
14				0.9	1.0	0.7	1.0	0.2							3.8	10.2	37
15				1.0	1.0	0.9	1.0	0.9	1.0	1.0	0.2				7.0	10.2	69
16					0.1	0.5	0.4	0.8	1.0	0.9	0.2				3.9	10.2	38
17				0.5	1.0	1.0	1.0	0.4	0.8	0.5	0.5				5.7	10.2	56
18					0.1	0.1	0.9	0.2							1.3	10.1	13
19			0.2	1.0	1.0	1.0	1.0	0.5	0.5	0.5					5.7	10.1	56
20									0.2						0.2	10.1	02
21						0.4	0.7								1.1	10.1	11
22				0.3	0.2	0.3									0.8	10.0	08
23			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.5	10.0	85
24				0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2			7.7	10.0	77
25				0.5	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.3			7.7	10.0	77
26						0.2	0.5	0.8	0.7						2.2	10.0	22
27															0.0	9.9	00
28															0.0	9.9	00
29					0.1										0.1	9.9	01
30					0.7	0.8	0.5	0.1	0.1	0.2					2.4	9.9	24
31															0.0	9.9	00
Medias			0.0	0.5	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.2			4.8	10.2	47

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	14.0	17.8	16.0	14.6	16.2	16.2	13.8	14.2	14.0	15.0	15.0	15.0	18.4	18.5	18.4
2	13.4	17.8	16.2	14.2	16.3	16.6	13.6	14.0	15.0	15.0	14.8	15.6	18.5	18.4	18.4
3	13.6	17.0	15.0	14.5	15.8	15.6	14.0	14.0	14.0	15.2	15.0	15.0	18.5	18.5	18.2
4	12.5	16.2	14.8	13.4	15.0	15.0	13.0	13.2	13.9	14.6	14.4	14.7	18.3	18.2	18.1
5	13.0	16.2	15.3	13.5	14.9	15.1	13.2	13.0	13.4	14.3	14.0	14.4	18.0	17.8	17.8
6	14.0	16.6	16.1	14.2	15.3	15.6	13.0	13.4	14.0	14.2	14.0	14.6	17.8	17.7	17.7
7	15.0	17.0	17.2	14.9	15.6	16.2	14.4	13.4	14.2	14.2	14.4	16.8	15.8	17.8	17.9
8	15.0	18.2	17.0	15.1	16.5	16.7	14.1	14.2	15.0	15.0	14.6	15.3	18.1	18.0	18.1
9	14.2	17.2	16.6	14.6	15.9	16.2	13.8	14.0	14.6	14.8	14.6	15.2	18.2	18.2	18.2
10	15.8	18.9	18.4	15.5	17.0	17.4	14.4	14.8	15.4	15.2	15.2	15.6	18.3	18.3	18.3
11	16.8	18.2	17.1	16.5	17.0	17.0	15.2	15.2	15.4	15.7	15.6	15.7	18.6	18.6	18.6
12	16.0	18.6	18.8	16.0	17.0	17.7	14.4	14.8	15.7	15.4	15.4	15.8	18.6	18.6	18.6
13	18.0	18.6	18.1	16.7	17.6	17.7	16.0	15.2	16.0	15.8	15.6	16.2	18.7	18.8	18.8
14	17.0	18.4	19.0	16.7	17.6	17.8	15.2	15.4	16.0	15.8	15.6	16.0	18.8	18.8	18.9
15	16.4	18.2	18.2	16.4	17.2	17.4	16.0	15.2	15.2	15.6	15.6	16.1	18.8	18.8	18.9
16	16.0	17.6	17.4	15.8	16.6	16.8	14.4	14.6	15.2	15.6	15.4	15.8	18.6	18.4	18.4
17	15.8	17.6	17.3	13.6	16.6	16.7	14.6	14.8	15.0	15.6	15.6	15.6	18.7	18.6	18.6
18	16.8	18.0	17.8	16.5	17.3	17.9	15.0	14.6	15.8	15.7	15.6	15.8	18.6	18.6	18.6
19	18.2	20.0	20.0	17.6	18.7	19.0	15.8	16.0	16.8	16.0	16.2	16.8	18.6	19.9	19.1
20	18.0	17.6	16.4	17.9	17.4	16.5	16.2	16.0	15.8	16.4	16.6	16.4	19.4	19.4	19.4
21	14.5	14.8	14.4	14.9	14.8	14.8	14.4	14.0	13.8	15.6	15.2	14.9	18.9	18.7	18.4
22	13.0	14.0	13.6	13.4	13.9	13.8	12.8	12.6	13.0	14.0	13.8	14.0	17.9	17.7	17.6
23	11.6	13.2	13.0	12.2	12.9	13.0	12.0	11.6	12.2	13.4	13.0	13.2	17.2	17.0	16.8
24	12.0	14.4	14.0	12.2	13.4	13.6	11.4	11.6	12.0	12.6	12.4	13.0	16.6	18.5	16.4
25	12.4	14.8	14.2	12.8	13.9	14.2	11.8	12.0	12.4	12.8	12.6	12.8	16.4	16.4	16.2
26	13.8	15.4	15.8	13.5	14.5	15.0	12.4	12.4	13.2	13.2	13.0	13.6	18.6	16.6	18.6
27	15.0	15.4	15.0	14.6	14.9	15.3	13.0	13.0	13.6	13.4	13.6	13.8	18.6	16.9	17.0
28	15.0	16.4	15.8	14.9	15.0	15.2	12.2	13.2	13.6	13.8	13.8	14.1	17.0	17.0	17.0
29	15.6	15.4	15.6	14.9	15.2	15.2	13.6	13.2	13.6	14.1	13.8	14.1	16.2	17.1	17.0
30	13.8	14.4	13.6	13.9	14.3	14.2	12.9	12.6	13.0	13.8	13.4	12.8	17.1	16.9	17.0
31	12.7	12.6	12.8	12.7	12.7	12.6	12.0	11.6	11.6	13.2	12.4	12.6	18.7	18.5	18.5
Prom.	14.8	16.7	16.1	14.8	15.7	15.9	13.8	13.8	14.3	14.7	14.5	14.9	18.1	18.1	18.0

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	0.3	1.6	1.2	3.2							11512
2					0	0.4	1.4	0.4	2.5	Q. 20	11.5	12.8	21.4			11515
3					0	0.7	1.0	0.9	2.0							11517
4					0	0.1	1.3	0.4	1.8							11519
5					0	0.1	1.5	1.4	4.1							11520
6					0	1.2	1.4	1.1	2.8							11522
7					0	0.3	2.3	0.3	2.8	Q. 21	8.6	11.5	16.6			11522
8					0	0.2	0.4	0.3	1.2							11522
9					0	0.5	1.4	0.9	2.9							11523
10	13.6	14.0	12.5	13.8	0	0.6	2.2	1.3	4.1							11524
11					2	0.6	0.1	0.3	0.6							11524
12	28.8	29.1	27.1	27.0	1	0.2	1.8	2.6	4.6	Q. 22	18.5	12.2	16.1	23.5	15.1	11524
13					2	0.2	0.5	0.4	1.1							11522
14	20.3	21.0	20.0	18.0	2	0.2	0.4	0.1	0.6							11521
15	39.5	40.5	39.0	37.8	2	0.1	1.4	1.3	3.4							11497
16					2	0.7	0.3	0.3	1.0							11235
17	0.5	1.0	0.6	0.6	2	0.4	0.8	0.5	2.0	Q. 23	21.2	21.2	25.0			11345
18	7.6	9.1	8.4	7.6	2	0.7	0.3	0.3	1.0							11346
19	24.0	25.0	23.8	22.7	2	0.4	1.3	0.5	2.2							11344
20	0.5	2.6	2.3	2.2	2	0.4	0.2	0.7	1.8							11057
21					2	0.9	0.8	0.2	1.3							11213
22					1	0.3	0.5	0.5	1.1	Q. 24	23.5	21.8	25.6			11222
23					1	0.1	1.6	1.0	2.9							11229
24					1	0.3	1.3	0 4	2.0							11229
25					1	0.3	0.7	0.3	1.1							11229
26					0	0.1	0.2	0.4	0.7							11228
27	4.0	4.5	3.7	3.9	1	0.1	0.1	0.2	0.4	Q. 25	22.0	21.6	24.8			11228
28	0.6	1.0	0.7	0.4	2	0.1	0.1	0.1	0.5							11228
29	0.0	0.0	0.0	0.0	2	0.3	0.2	0.2	0.5							11228
30	12.9	13.2	12.7	11.8	2	0.1	0.5	0.8	1.9							11228
31	1.2	1.6	1.3	1.0	2	0.6	0.2	0.5	1.1							11230
Prom.	153.5	162.6	152.1	146.8	-	0.4	0.9	0.6	1.9	-	-	-	-	-	-	11374

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
17.0	17.5	17.4	19.0	19.0	18.9	21.0	20.5	2.4	Ca. m. t. y n.
17.4	17.4	17.4	18.7	18.7	18.7	20.8	20.5	2.0	Ca. t. y n., Cn. m., Ne. m.
17.4	17.5	17.3	18.7	18.7	18.7	20.7	20.5	- 1.1	Ca. m. t. y n., Ne. m. y n., B. t.
17.4	17.3	17.1	18.7	18.7	18.7	20.6	20.5	- 2.4	Ca. m. t. y n., Ne. m., N. n.
17.0	16.8	16.7	18.6	18.7	18.6	20.6	20.5	0.9	Ca. m. y t., Cn. n.
16.6	16.8	16.7	18.5	18.5	18.5	20.6	20.5	5.8	Cn. m. t. y n., B. t., Jl. Dl. n.
16.6	16.7	16.7	18.3	18.3	18.3	20.5	20.4	8.5	Cn. m. t. y n., Ne. m.
16.8	16.8	16.8	18.2	18.3	18.2	20.5	20.4	5.2	Ca. m., Cn. t. y n, N. m. y n, B. t, Ne. n, Dl. n.
16.8	17.0	17.0	18.2	18.2	18.2	20.4	20.5	3.5	Ca. m. y t., Cn. n., N. m., B. t., Ne. n.
17.1	17.2	17.2	18.2	18.2	18.2	20.3	20.4	8.4	Cn. m. y t., Ca. n., Ru. CH. N. n.
17.2	17.3	17.2	18.2	18.2	18.2	20.3	20.4	10.1	Cn. m. t. y n., N. m. y n., Ns. Ne. t.
17.0	17.3	17.2	18.3	18.3	18.2	20.2	20.4	7.9	Ca. m. y n., Cn. t., R. n.
17.4	17.4	17.3	18.2	18.3	18.3	20.2	20.4	13.5	Cn. m. y t, Ca. n, Tv.Ru.LL.CH. m., Ns. t, Ne. n.
17.4	17.4	17.4	18.3	18.3	18.3	20.2	20.3	9.2	Ca. m. y n., Cn. t., LL. G. t., Ne. N. n.
17.4	17.4	17.9	18.2	18.5	18.4	20.0	20.2	9.5	Cn. m. y t, Ca. n, Ne. m, B.CH.R. t, Ru.LL. n.
17.3	17.3	17.2	18.1	18.4	18.2	19.3	19.2	12.5	Cn. m. y t., Ca. n., Ne. m. y t., LL. m, r. n.
17.3	17.3	17.2	18.2	18.2	18.2	19.3	19.2	6.5	Cn. m. y t., Ca. n., Ne. m., r. R. n.
17.3	17.2	17.2	18.2	18.2	18.2	19.3	19.2	12.5	Cn. m. t. y n., LL. m., Ru. LL. t. y n.
17.3	17.4	17.2	18.3	18.3	18.3	19.6	20.0	15.9	Cn. m. t. y n., CH. t., Ru. LL. n.
17.8	17.8	17.8	18.2	18.2	18.2	19.5	19.5	14.0	Cn. m. t. y n., LL. m.
17.5	17.4	17.3	18.2	18.1	18.1	19.5	19.5	6.6	Cn. m. t. y n., Z. n.
16.6	16.4	16.5	18.2	18.2	18.1	19.6	19.8	3.5	Cn. m. t. y n.
16.3	16.0	15.8	18.0	18.0	17.9	19.5	19.8	- 0.6	Ca. m. t. y n., Ne. m.
15.2	15.5	15.2	17.8	17.8	17.7	19.5	20.0	1.2	Cn. m. y t., Ca. n., r. m. y n.
15.5	15.6	15.4	17.7	17.6	17.7	19.5	20.0	2.5	Cn. m., Ca. t. y n., Ne. m. y n.
15.4	15.4	15.4	17.5	17.5	17.5	19.5	19.8	7.0	Cn. m. t. y n., N. m., Ne. t.
15.0	15.0	15.0	17.4	17.3	17.3	19.5	19.7	13.0	Cn. m. t. y n., Z. m. y n., Ne. t.
15.6	15.7	15.6	17.4	17.4	17.3	19.4	19.8	12.5	Cn. m. t. y n., Z. m., Ne. t.
15.8	15.8	15.7	17.3	17.4	17.3	19.4	19.8	12.6	Cn. m. t. y n., LL. m., CH. m., Z. t., N. n.
15.7	15.7	15.7	17.2	17.2	17.2	19.5	19.7	4.0	Cn. m. t. y n., LL. m. t. y n.(intermitente)
15.4	15.4	15.4	17.2	17.2	17.2	19.5	19.7	8.0	Cn. m. t. y n., LL. m. y t., Z. n.
16.7	16.7	16.7	18.1	18.1	18.1	20.0	20.0	6.9	

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	63.6	71.2	3,4	24,0	55.2	10	18	14.2	21.0	7.9	26.0	10	14	2.2	4	7	7.4	10.5	71
2ª	56.8	65.9	20	24	45.9	13	6-7	16.6	21.2	12.6	25.0	19	14	9.4	20	24	4.4	10.2	43
3ª	63.6	71.4	22,23	varios	52.7	28	15,16	11.3	14.7	7.9	18.4	26	14	2.3	23	5	2.8	10.0	28
MES	61.4	71.4	22,23	varios	45.9	13	6-7	14.0	18.8	9.4	26.0	10	14	2.2	4	7	4.8	10.2	47

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	76	97	2,5	30	3	9.0	13.5	4.4	NW	7	48	10	22	10	11-12	43	SW	10	21.55	14.0	14.0	10	4.0	11	0-1
2ª	84	98	varios	43	15	11.8	18.5	5.8	NE	12	106	13	36	13	0-1	120	NW	13	0.28	128.3	40.5	16	28.0	15	23-24
3ª	83	100	23	48	23	8.2	13.0	4.6	S	11	48	23, 31	23	31	11-12	46	S	31	11.41	20.3	13.2	31	3.0	28	2-3
MES	81	100	23	30	3	9.6	18.5	4.4	NE	8	106	13	36	13	0-1	120	NW	13	0.28	162.6	40.5	16	28.0	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	Trombs Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	7	4	3	1	-	-	1	-	-	1	-	-	-	-	1	1
2ª	2	-	4	5	2	-	-	9	-	-	4	-	1	-	3	8	7
3ª	2	-	4	1	-	-	-	3	5	-	1	-	-	-	1	-	-
MES	4	7	12	9	3	-	-	13	5	-	6	-	1	-	4	9	8

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	-	-	-	-	-	-	1	-	1	-	-	4	4	-	1	-
2ª	2	-	-	-	-	-	-	-	-	-	-	-	6	-	1	-
3ª	1	-	-	-	-	-	-	-	-	-	-	1	7	-	-	-
MES	3	-	-	-	-	-	1	-	1	-	-	5	17	-	2	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII JUNIO 1952 Nº 6

RESUMEN MENSUAL

Una intensa depresión bárica gravita sobre la Pcia. de Buenos Aires en los dos primeros días del mes. La presión baja a la mínima mensual con 754.6 mmHg el 2 y la tensión del vapor registra en este mismo día la máxima mensual con 12.0 mmHg. El cielo está completamente cubierto y llueve intensamente (44.0 mm en 24 horas). El cielo se despeja recién el día 3 después del pasaje de un frente frío, y a partir de esta fecha, reina el típico tiempo invernal, bueno y frío, con temperaturas mínimas entre 1 y 5°C, y máximas alrededor de los 15°C. Sólo el día 5 asciende la temperatura hasta 17.5°C, que es el valor más alto del mes. Un nuevo empuje de aire polar se observa el día 8. Aclara rápidamente, siendo el día siguiente el más frío del mes, con un promedio de 4.7°C y una mínima de 0.7°C. También la humedad absoluta y relativa registran en este mismo día los valores mínimos con 3.2 mmHg y 39% respectivamente.

En la segunda década, continúa el tiempo frío con constante aflujo de masas de aire de origen polar; la temperatura se mantiene durante toda la década con 1 hasta 5°C por debajo del valor normal. Hacia mitad de la década una fuerte depresión frente a la costa uruguaya acentúa la llegada de aire polar húmedo. Durante los días 15, 16 y 17 el cielo se encuentra contínuamente cubierto y llueve con variada intensidad. Por la tarde del 18 se restablece el tiempo bueno y frío.

Al comenzar la tercera década persiste aún el tiempo frío. El 24 se registran las últimas lluvias de cierta intensidad, provocadas por el rápido pasaje de un frente caliente; reina así mal tiempo hasta el mediodía del 26. En este día, ante el avance de un frente frío, la temperatura desciende nuevamente. Hasta el fin de la década se mantiene tiempo bueno con temperaturas de unos 5°C bajo la normal; la presión a su vez en continuo ascenso alcanza la máxima mensual con 770.9 mmHg en la última hora del mes.

Debido al casi constante aflujo de aeromasas polares, la temperatura media se encuentra 2.0°C y la humedad absoluta 1.0 mmHg por debajo de sus valores normales. De los demás elementos sólo la presión marca una desviación positiva de 1.3 mmHg.

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	76	41	62	55	55	62	55	69	117	159	322	316	291	312	265
2	-	-	-	-	-	-	-	-	76	117	124	55	90	48	41
3	76	69	55	69	69	69	90	97	97	90	97	117	117	110	124
4	265	220	246	186	138	97	76	117	179	145	124	110	110	97	90
5	272	246	345	402	376	278	284	265	226	233	193	172	186	226	193
6	272	233	172	179	193	-	-	-	233	220	179	159	152	152	159
7	117	110	97	69	55	117	76	110	69	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	110	110	152	145	138	124	124
9	138	110	117	104	90	90	104	110	83	97	110	104	97	69	90
10	55	48	48	62	69	69	62	62	62	69	97	83	83	90	90
11	76	83	83	83	83	83	97	104	97	117	124	124	110	110	90
12	76	69	69	83	69	83	117	152	104	131	272	265	179	90	-
13	152	159	159	145	131	179	193	138	272	284	272	220	179	90	193
14	166	166	179	166	138	145	124	117	97	186	172	152	124	110	117
15	110	124	124	104	110	152	166	172	179	207	207	239	220	220	233
16	83	90	- 83	21	28	55	117	159	179	220	145	138	83	48	28
17	- 28	14	14	- 7	- 34	- 14	- 14	-	-	-	-	-	-	-	-
18	55	55	55	55	76	76	83	97	110	110	104	110	110	104	104
19	117	97	131	172	200	200	200	278	284	284	284	200	145	138	138
20	193	186	124	41	48	179	246	259	272	207	207	179	166	220	278
21	117	104	124	138	145	172	152	172	186	207	220	213	186	186	193
22	131	152	186	226	200	145	166	200	172	166	193	220	200	207	220
23	-	-	-	-	-	-	-	-	310	310	239	200	226	179	166
24	207	172	124	138	207	186	186	166	200	193	110	-281	104	48	62
25	69	83	117	145	159	166	186	166	179	213	193	220	207	-	-
26	104	76	90	110	124	131	117	138	138	90	69	76	97	104	90
27	97	97	104	104	104	117	124	152	159	138	259	233	193	159	159
28	110	110	104	104	104	186	62	83	179	272	265	207	172	159	166
29	291	297	220	179	193	179	193	207	226	193	159	166	138	110	124
30	166	152	166	166	166	186	259	159	138	246	380	345	339	291	265
31															
Prom.	144.1	133.8	138.2	134.5	132.6	143.3	145.1	150.3	165.0	175.0	184.5	165.4	150.1	139.6	147.3

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.92	0.82	1.74	1.12	680	418	1098	1.62	0.96	1.37
2	1.04	0.97	2.01	1.07	794	573	1367	1.38	0.92	1.18
3	1.26	0.99	2.25	1.27	1185	786	1971	1.51	0.74	0.88
4	0.94	0.66	1.60	1.42	619	230	849	2.69	1.06	2.01
5	0.76	0.55	1.31	1.38	481	207	688	2.32	1.10	1.86
6	0.98	0.83	1.81	1.18	711	274	985	2.59	0.96	2.12
7	1.31	1.20	2.51	1.09	1008	543	1551	1.84	0.92	1.55
8	1.28	1.08	2.36	1.18	1447	789	2236	1.83	0.62	0.96
9	1.32	1.25	2.57	1.06	1287	1024	2311	1.25	0.50	0.85
10	1.34	1.32	2.66	1.01	1305	1077	2382	1.21	0.72	0.86
11	1.68	1.56	3.24	1.08	1628	1071	2699	1.52	0.72	1.02
12	0.87	0.76	1.63	1.14	713	248	961	2.88	0.85	2.14
13	0.39	0.33	0.72	1.18	305	107	412	2.85	0.90	2.16
14	0.61	0.48	1.09	1.27	550	209	759	2.63	0.78	1.60
15	0.60	0.57	1.17	1.05	435	382	817	1.14	0.96	1.04
16	1.09	1.06	2.15	1.03	738	674	1412	1.09	1.03	1.10
17	1.26	1.56	2.82	0.81	808	1129	2037	0.72	1.09	0.97
18	1.20	1.06	2.26	1.13	1115	650	1765	1.72	0.75	1.14
19	0.93	0.68	1.61	1.36	738	271	1009	2.72	0.88	1.75
20	0.94	0.77	1.71	1.22	762	324	1086	2.35	0.86	1.67
21	0.86	0.74	1.60	1.16	758	418	1176	1.81	0.79	1.23
22	0.86	0.88	1.74	0.97	626	305	931	2.05	0.96	2.03
23	0.62	0.48	1.10	1.29	430	184	614	2.33	1.01	1.82
24	0.50	0.50	1.00	1.00	457	495	952	0.92	0.76	0.71
25	0.84	0.72	1.56	1.17	520	226	746	2.30	1.13	2.23
26	1.17	0.90	2.07	1.30	910	411	1321	2.21	0.90	1.53
27	0.93	0.70	1.63	1.33	834	378	1212	2.21	0.78	1.30
28	1.03	0.71	2.73	1.45	822	300	1122	2.74	0.88	1.65
29	0.83	0.67	1.50	1.24	612	262	874	2.33	0.95	1.78
30	0.46	0.35	0.81	1.31	319	118	437	2.70	1.01	2.08
31										
Prom.	0.96	0.84	1.80	1.14	789	467	1256	1.69	0.85	1.26

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
297	259	97	145	138	∞	∞	-	-		∞	- ∞	-	3*
90	124	207	272	220	272	246	117	83		518	14	504	0*
124	131	159	193	304	391	304	297	200	143.7	426	28	398	0
83	145	110	145	200	145	159	246	- 62	140.5	200	-181	381	1
239	179	213	213	239	131	213	172	233	238.7	420	- 28	448	1
172	213	259	284	226	159	117	131	104		316	90	226	0*
-	-	-	-	-	-	-	-	-		166	- 41	207	2*
124	117	193	297	213	226	213	152	110		339	90	249	0*
83	104	138	124	97	97	97	97	83	101.4	166	34	132	0
104	117	138	131	131	131	83	76	62	84.2	159	34	125	0
97	90	83	83	76	90	90	90	69	93.0	152	48	104	0
-	-	-	-	-	-	207	193	186		278	41	237	0*
159	159	110	186	252	252	220	220	207	184.6	284	28	256	0
138	138	193	246	145	233	193	152	138	155.6	278	00	278	0
193	28	- 55	-281	-322	-159	-213	-166	- 14		297	-748	1045	2
-110	- 83	-110	-246	-231	- 48	-181	- 28	21		291	-397	688	2
-	-	-	-	-	-	-	-	-		62	-174	236	2*
110	124	131	166	152	145	117	124	110	104.5	193	28	165	0
166	172	172	233	226	193	226	246	166	194.5	297	48	249	0
284	284	284	252	207	207	166	138	172	200.0	402	14	388	0
186	179	233	246	213	179	166	131	124	173.8	310	00	310	0
186	252	246	239	131	131	-	-	-		368	14	354	0*
131	179	220	284	213	138	152	265	278		397	28	369	0*
- 48	69	- 14	- 14	48	69	97	97	83		681	-886	1567	2
-	-	-	-	-	-	90	76	97		297	28	269	0*
97	117	104	131	117	124	124	110	97	107.3	207	- 28	235	1
166	233	252	246	233	152	110	104	131	159.4	310	83	227	0
159	138	226	291	297	304	322	310	297	192.8	362	00	362	1
145	297	426	426	380	297	239	186	166	226.5	622	55	567	0
220	220	226	152	166	117	97	193	69	203.5	449	-253	702	1
150.6	166.3	188.1	203.8	202.1	187.5	172.1	170.1	133.1	159.2				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "1" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
8999	7888	16887	1.14	-	14,250
5890	5644	11534	1.04	-	85,000
9847	9370	19217	1.05	10.78	30,250
13435	12467	25902	1.08	7.50	-
18160	17931	36091	1.01	10.45	49,000
11406	10359	21765	1.10	-	17,000
7032	6431	13463	1.10	-	23,750
8969	7477	16446	1.20	-	29,000
9410	8293	17703	1.11	8.70	28,750
9159	8145	17304	1.12	7.48	28,000
7701	6056	13757	1.27	10.05	27,750
6160	5253	11413	1.17	-	61,250
23472	22756	46228	1.03	4.42	47,000
15742	14873	30615	1.06	5.63	20,000
13449	12519	25968	1.07	-	28,150
8179	6614	14793	1.24	-	15,250
5724	4936	10660	1.16	-	21,250
6696	6053	12749	1.10	7.88	6,750
12634	11261	23895	1.12	10.43	32,250
11855	9938	21893	1.20	11.40	35,500
11242	9749	20991	1.16	9.28	52,000
13615	12258	25873	1.11	-	88,250
19387	18427	37814	1.05	-	28,500
21128	22807	43935	0.93	-	44,250
7771	6916	14687	1.12	-	13,750
7558	6660	14218	1.13	7.23	5,750
13644	11821	25465	1.16	8.66	39,500
15296	13455	28751	1.13	17.50	83,000
14569	12818	27387	1.13	11.35	47,000
18056	15809	33865	1.14	5.48	87,500
11848	10810	22658	1.10	9.07	37,574

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.57	1.57	1.48	1.55	1.61	1.61	1.42	1.17	1.04	0.77	0.44	0.31
2	0.91	0.73	0.88	0.44	0.42	0.27	0.36	0.77	1.43	1.48	1.31	1.16
3	1.57	1.74	1.81	1.67	1.72	1.74	1.71	1.46	1.49	1.64	1.52	1.41
4	0.60	0.55	0.50	0.65	0.95	1.12	1.08	0.82	0.87	0.92	1.05	1.07
5	-	-	-	-	-	-	-	-	0.70	0.92	0.81	0.86
6	-	-	-	-	-	-	-	-	0.68	0.82	1.01	1.14
7	-	-	-	-	-	-	-	-	0.76	0.86	0.92	1.04
8	1.66	1.50	0.82	-	-	-	-	-	1.31	1.27	1.21	1.30
9	1.18	1.22	1.05	1.34	1.51	1.51	1.53	1.41	1.48	1.60	1.57	1.41
10	1.23	1.48	1.59	1.57	1.62	1.68	1.62	1.49	1.15	1.34	1.25	1.28
11	1.79	1.90	1.90	2.01	1.95	1.94	1.84	1.84	1.67	1.58	1.46	1.39
12	1.53	2.06	1.74	2.00	2.18	1.47	1.24	0.91	0.85	0.95	0.62	0.50
13	0.33	0.35	0.37	0.37	0.35	0.35	0.33	0.56	0.34	0.37	0.53	0.59
14	0.35	0.43	0.49	0.50	0.52	0.47	0.41	0.37	0.58	0.66	0.63	0.84
15	0.70	0.78	0.92	0.93	0.85	0.65	0.68	0.68	0.57	0.49	0.53	0.33
16	0.99	1.02	1.01	1.23	0.84	0.84	0.78	0.82	0.97	1.14	1.13	1.18
17	1.76	1.48	1.63	1.70	1.57	1.43	1.33	1.28	1.44	1.49	1.44	1.34
18	1.33	1.27	1.20	1.25	1.10	1.29	1.17	1.36	1.32	1.22	1.30	1.41
19	0.84	1.13	1.05	0.92	0.79	0.89	0.83	0.69	0.65	0.54	0.66	1.08
20	0.94	1.39	1.16	1.11	1.21	-	-	-	0.55	0.87	0.79	0.99
21	1.32	1.31	1.22	1.12	0.95	0.88	0.68	0.67	0.69	0.76	0.69	0.68
22	-	-	-	-	-	-	-	-	-	-	0.83	1.04
23	0.70	0.82	0.55	0.62	0.62	0.67	0.66	0.66	0.59	0.71	0.77	0.79
24	0.41	0.34	0.31	0.37	0.44	0.45	0.45	0.39	0.33	0.37	0.30	0.28
25	1.16	1.03	0.61	0.64	0.68	0.74	0.82	0.70	0.65	0.64	0.66	0.73
26	1.07	0.92	1.09	0.89	0.88	0.86	0.95	0.96	0.92	0.92	0.95	1.15
27	1.36	1.41	1.39	1.46	1.34	1.15	0.92	0.82	1.06	1.16	0.68	0.73
28	1.10	1.20	1.34	1.15	1.36	1.06	0.89	0.81	0.81	0.81	0.66	1.02
29	-	-	0.81	0.79	0.87	0.71	0.74	0.71	0.66	0.76	0.94	1.01
30	0.65	0.48	0.44	0.57	0.60	0.73	0.54	0.65	0.53	0.52	0.47	0.41
31												
Promedio	1.08	1.12	1.05	1.07	1.08	1.02	0.96	0.92	0.90	0.95	0.90	0.95

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	1.35	1.63	1.23	1.38	1.43	1.38	1.25	0.97	0.76	0.60	0.35	0.25
2	0.79	0.97	0.77	1.12	0.47	0.42	0.45	0.67	0.93	1.51	0.99	1.28
3	1.36	1.56	1.61	1.56	1.66	1.66	1.40	1.26	1.41	1.51	1.36	1.28
4	0.32	0.36	0.27	0.38	0.81	0.69	0.62	0.55	0.72	0.69	0.78	0.94
5	-	-	-	-	-	-	-	-	0.53	0.56	0.58	0.68
6	-	-	-	-	-	-	-	-	0.49	0.64	0.87	1.01
7	-	-	-	-	-	-	-	-	0.65	0.76	0.82	0.99
8	1.54	1.66	1.24	-	-	-	-	-	1.02	1.09	0.98	1.02
9	1.04	1.16	0.92	1.13	1.46	1.49	1.51	1.41	1.36	1.51	1.54	1.36
10	1.26	1.47	1.56	1.62	1.62	1.68	1.66	1.56	1.49	1.30	1.25	1.21
11	1.78	1.81	1.78	2.06	1.93	1.92	1.65	1.70	1.65	1.51	1.26	1.33
12	1.58	1.71	1.45	1.69	1.81	1.24	1.22	0.60	0.70	0.73	0.40	0.44
13	0.29	0.32	0.36	0.34	0.36	0.32	0.29	0.31	0.29	0.31	0.37	0.48
14	0.29	0.34	0.36	0.37	0.46	0.39	0.28	0.34	0.49	0.51	0.49	0.67
15	0.60	0.53	0.64	0.58	0.51	0.46	0.46	0.51	0.39	0.42	0.42	0.29
16	0.72	0.86	1.34	1.02	0.67	0.67	0.62	0.55	0.62	0.73	0.79	0.84
17	1.83	1.77	1.66	1.71	1.70	1.72	1.50	1.93	1.67	1.75	1.34	1.69
18	1.23	1.28	1.09	1.06	1.06	1.23	1.08	1.25	1.20	1.21	1.25	1.28
19	0.60	0.73	0.57	0.53	0.46	0.49	0.44	0.51	0.44	0.37	0.51	1.23
20	0.65	1.02	1.10	1.00	1.10	-	-	-	0.47	0.80	0.87	0.78
21	1.09	1.09	0.86	0.78	0.85	0.89	0.80	0.37	0.65	0.67	0.60	0.64
22	-	-	-	-	-	-	-	-	-	-	1.50	0.99
23	0.98	0.52	0.36	0.47	0.42	0.46	0.43	0.51	0.41	0.49	0.58	0.53
24	0.35	0.29	0.27	0.35	0.35	0.37	0.35	0.32	0.29	0.32	0.29	0.29
25	1.09	0.76	0.55	0.71	0.62	0.56	0.67	0.66	0.63	0.59	0.60	0.61
26	0.92	0.85	0.83	0.74	0.67	0.74	0.72	0.62	0.81	0.83	0.85	1.19
27	0.79	1.07	1.27	1.25	1.12	0.74	0.78	0.67	0.83	0.83	0.58	0.57
28	0.69	0.84	0.76	0.66	0.59	0.66	0.58	0.51	0.47	0.51	0.63	0.79
29	-	-	0.77	0.73	0.63	0.57	0.49	0.45	0.53	0.79	0.90	0.90
30	0.42	0.37	0.37	0.39	0.41	0.44	0.39	0.44	0.44	0.37	0.35	0.35
31												
Promedio	0.94	1.00	0.92	0.94	0.93	0.88	0.69	0.78	0.77	0.82	0.80	0.86

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.56	0.65	0.63	0.45	0.53	0.46	0.46	0.63	0.65	0.86	0.95	0.71	0.92
1.36	1.53	1.69	1.50	1.37	0.94	0.98	0.87	0.88	0.81	1.22	1.64	1.04
1.30	1.30	1.13	1.21	1.32	1.21	0.90	0.50	0.39	0.45	0.46	0.69	1.26
1.39	1.17	1.24	0.97	1.04	-	-	-	-	-	-	-	0.94
0.86	0.73	0.63	0.61	0.61	0.86	-	-	-	-	-	-	0.76
1.24	1.25	1.14	1.09	0.75	0.55	0.84	0.96	1.34	-	-	-	0.98
1.27	1.37	1.43	1.41	1.29	1.19	1.39	1.33	1.73	1.59	1.76	1.59	1.31
1.36	1.59	1.51	1.41	1.58	1.18	0.78	1.12	1.02	1.07	1.21	1.53	1.28
1.04	1.07	1.16	1.26	1.26	1.16	1.34	1.41	1.30	1.27	1.21	1.30	1.32
1.21	1.16	1.15	1.10	1.15	1.20	1.24	1.28	1.13	1.26	1.34	1.67	1.34
1.29	1.09	1.29	1.37	1.27	1.62	1.79	1.98	1.90	1.70	1.76	1.92	1.68
0.62	0.53	0.35	0.41	0.43	0.36	0.38	0.40	0.35	0.31	0.40	0.35	0.87
0.60	0.33	0.41	0.41	0.40	0.39	0.34	0.32	0.40	0.30	0.41	0.31	0.39
0.99	1.07	1.11	0.93	0.76	0.40	0.42	0.40	0.39	0.53	0.68	0.78	0.61
0.39	0.41	0.37	0.41	0.39	0.54	0.53	0.43	0.69	0.56	0.66	0.91	0.60
1.22	1.46	1.50	1.16	1.02	0.89	0.88	0.91	1.42	0.84	1.34	1.50	1.09
1.06	0.86	0.89	0.72	1.13	1.05	0.89	1.10	1.09	1.29	1.12	1.27	1.26
1.46	1.46	1.32	1.21	1.25	1.07	0.90	0.82	0.93	1.06	1.07	1.07	1.20
1.28	1.24	1.24	1.05	1.11	0.88	0.93	0.79	0.54	0.77	1.16	1.33	0.93
0.85	1.06	0.74	0.73	0.73	0.69	0.79	0.86	0.92	1.06	1.24	1.12	0.94
0.66	0.70	0.72	0.87	1.00	0.82	0.73	0.77	0.76	-	-	-	0.86
0.85	0.84	0.85	0.72	-	-	-	-	-	-	-	-	0.86
0.71	0.66	0.90	1.09	0.82	0.42	0.37	0.36	0.34	0.31	0.37	0.47	0.62
0.35	0.37	0.47	0.48	0.61	0.42	0.51	0.72	0.90	0.85	0.90	1.01	0.50
0.86	0.97	0.84	0.84	0.87	1.07	1.14	1.00	0.73	0.79	0.87	1.10	0.84
1.46	1.67	1.60	1.57	1.46	1.32	1.16	1.37	1.30	1.11	1.13	1.29	1.17
0.91	1.07	0.86	0.57	0.39	0.37	0.56	0.50	0.47	0.85	1.09	1.23	0.93
1.12	1.13	1.10	1.18	1.41	0.78	0.70	1.13	0.91	-	-	-	1.03
1.02	1.25	1.44	1.46	0.89	0.51	0.38	0.57	0.63	0.71	0.79	0.67	0.83
0.47	0.47	0.43	0.41	0.47	0.41	0.31	0.32	0.44	0.32	0.26	0.28	0.46
0.99	1.02	1.00	0.95	0.94	0.81	0.80	0.85	0.87	0.86	0.98	1.07	0.96

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.53	0.60	0.60	0.37	0.53	0.40	0.45	0.54	0.41	0.83	1.11	0.75	0.82
1.16	1.63	1.41	1.31	1.17	0.77	0.83	0.58	0.55	0.77	1.21	1.54	0.97
1.20	1.23	1.05	1.14	0.92	0.51	0.42	0.33	0.29	0.29	0.29	0.44	0.99
0.94	0.89	0.92	0.83	0.51	-	-	-	-	-	-	-	0.66
0.72	0.46	0.51	0.46	0.46	-	-	-	-	-	-	-	0.55
1.01	1.09	1.01	0.88	0.71	0.75	0.54	0.84	0.92	-	-	-	0.83
1.20	1.35	1.23	1.28	1.18	1.25	1.31	1.30	1.49	1.44	1.44	1.55	1.20
1.29	1.36	1.21	1.29	1.29	0.56	0.42	0.67	0.69	0.79	1.04	1.31	1.08
1.03	1.03	1.10	1.19	1.05	1.10	1.28	1.41	1.30	1.15	1.15	1.24	1.25
1.24	1.05	1.11	1.09	1.09	1.05	1.16	1.12	1.00	1.19	1.34	1.70	1.32
1.16	1.11	1.23	1.30	1.11	1.39	1.61	1.82	1.54	1.51	1.50	1.82	1.56
0.51	0.49	0.37	0.40	0.44	0.44	0.29	0.44	0.37	0.37	0.29	0.29	0.76
0.48	0.31	0.33	0.31	0.31	0.35	0.25	0.27	0.34	0.27	0.34	0.30	0.33
0.85	0.95	0.87	0.71	0.53	0.36	0.32	0.32	0.27	0.37	0.44	0.42	0.48
0.37	0.35	0.29	0.35	0.59	0.75	0.75	0.94	0.87	0.82	0.87	0.87	0.57
1.09	1.14	1.23	1.31	0.93	1.16	1.55	1.75	1.44	1.26	1.54	1.51	1.06
1.78	1.70	1.84	1.44	1.51	1.38	1.47	1.31	1.09	1.20	1.07	1.33	1.56
1.35	1.35	1.26	1.04	1.06	0.84	0.64	0.60	0.69	0.87	0.78	0.80	1.06
1.09	1.17	1.10	0.84	0.68	0.48	0.65	0.70	0.57	0.70	0.80	0.65	0.68
0.99	0.69	0.57	0.57	0.49	0.49	0.53	0.64	0.53	0.90	0.97	0.93	0.77
0.58	0.60	0.62	0.72	0.76	0.69	0.68	0.66	0.86	-	-	-	0.74
1.02	0.73	0.74	0.70	0.45	0.95	-	-	-	-	-	-	0.88
0.49	0.46	0.86	0.92	0.53	0.37	0.32	0.29	0.29	0.27	0.31	0.37	0.48
0.51	0.58	0.87	0.44	0.43	0.87	0.53	0.81	0.76	0.80	0.79	0.87	0.50
0.65	0.84	0.72	0.83	1.01	0.91	0.84	0.78	0.55	0.72	0.77	0.73	0.72
1.29	1.14	1.36	1.31	1.03	0.92	0.85	0.96	0.71	0.70	0.65	0.86	0.90
0.92	0.92	0.65	0.40	0.37	0.36	0.32	0.34	0.32	0.43	0.58	0.67	0.70
0.98	0.93	0.97	0.94	0.83	0.34	0.63	0.70	0.83	-	-	-	0.71
0.92	1.12	1.30	1.12	0.47	0.35	0.28	0.42	0.46	0.44	0.57	0.49	0.67
0.46	0.44	0.35	0.35	0.35	0.32	0.29	0.29	0.37	0.29	0.27	0.25	0.35
0.93	0.92	0.92	0.86	0.76	0.72	0.71	0.77	0.72	0.76	0.84	0.90	0.84

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	1194	1274	1030	1115	1194	1194	1035	868	738	434	260	347
2	347	521	434	995	658	390	1231	217	174	707	608	869
3	1155	1235	1275	1194	1235	1355	1275	1115	1519	1832	1990	1752
4	434	347	347	521	782	825	707	521	707	868	868	952
5	347	347	347	347	434	434	434	434	521	608	782	871
6	347	347	347	347	434	434	434	608	608	782	1031	1035
7	563	782	782	782	782	782	657	707	657	521	608	707
8	1555	1435	1435	1435	1435	1354	1595	1515	1435	1755	1915	2135
9	955	955	868	1115	1194	1194	1194	1194	1354	1594	1915	1984
10	868	1075	1115	1115	1115	1194	1275	1194	1634	2060	1990	1832
11	1435	1595	1515	1673	1673	1673	1554	1673	2210	2428	2245	1911
12	1395	1673	1315	1474	1753	1354	1081	868	707	608	434	521
13	260	260	260	260	260	260	260	347	347	260	434	521
14	260	260	347	347	347	347	347	347	434	521	434	738
15	521	608	782	782	788	608	608	608	521	347	260	260
16	707	608	608	707	521	521	434	521	707	955	868	1035
17	1115	1031	1115	1035	955	955	955	608	868	912	955	745
18	868	868	707	782	745	955	868	1075	1194	1275	1315	1515
19	707	868	782	608	521	521	521	434	434	434	521	825
20	564	657	707	707	564	521	434	347	477	744	1035	1194
21	868	955	782	782	707	707	608	434	564	955	1115	911
22	347	434	347	434	-	-	-	-	564	707	1035	1194
23	434	390	260	347	347	434	434	434	347	347	521	608
24	347	260	260	260	347	347	347	347	347	347	347	174
25	707	707	434	390	434	434	434	434	434	347	434	347
26	676	451	788	707	608	707	707	608	608	608	707	782
27	1035	1035	1115	1275	1115	955	868	782	1035	1355	1152	868
28	868	868	955	992	868	868	521	570	614	695	782	1274
29	374	374	434	521	521	521	521	521	434	608	608	782
30	347	260	260	347	347	434	347	434	-	-	347	347
31												
Promedio	720	749	725	780	782	768	748	682	765	883	917	968

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	752	940	602	714	676	676	676	376	263	231	150	150
2	312	754	382	-	-	-	376	-	75	676	526	639
3	932	976	1086	976	976	1014	936	902	1047	1325	1495	1254
4	150	75	75	75	269	226	226	75	188	312	376	419
5	150	226	226	150	150	150	150	150	150	150	312	387
6	75	75	75	75	75	75	150	75	226	312	676	828
7	150	150	112	226	150	150	312	312	112	112	344	413
8	905	976	752	828	828	864	976	828	790	1120	1188	1495
9	451	451	376	376	676	714	828	752	902	1151	1390	1458
10	828	979	1188	1188	1120	1120	1120	976	1325	1730	1595	1560
11	1052	1120	1120	1320	1320	1250	1185	1188	1665	1863	1695	1425
12	526	795	376	676	639	526	301	226	226	150	75	150
13	75	75	75	75	75	75	75	312	382	75	75	150
14	75	75	75	75	150	150	75	75	75	75	75	376
15	150	150	75	75	150	75	150	75	75	75	75	226
16	226	451	1186	751	269	382	150	75	150	231	150	376
17	976	1047	905	976	940	1045	1084	1798	1795	1218	676	1528
18	564	602	451	451	451	526	526	602	828	828	790	976
19	226	312	150	150	75	75	75	150	75	75	75	226
20	112	112	226	150	150	75	75	75	150	312	563	828
21	451	451	413	188	150	269	226	188	269	828	976	676
22	226	150	150	150	-	-	-	-	312	419	676	752
23	150	150	150	150	150	150	150	150	75	150	150	150
24	226	226	75	150	75	150	150	150	226	150	150	419
25	226	150	75	75	75	75	75	75	150	150	150	150
26	451	376	451	312	226	226	312	226	376	364	451	526
27	226	376	782	782	782	376	376	226	382	526	639	526
28	150	150	150	150	75	150	150	150	150	226	426	714
29	75	75	75	150	75	150	226	150	226	376	376	376
30	75	75	75	75	75	75	75	75	-	-	75	75
31												
Promedio	365	417	397	396	386	385	386	372	437	524	546	641

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
260	260	260	347	260	347	347	347	478	1035	1182	521	680
788	1035	1235	1235	1354	868	1031	608	707	782	988	1275	794
1435	1555	1275	1435	1355	1115	868	478	434	521	434	608	1185
955	955	955	868	608	347	434	434	347	390	347	347	619
1031	788	521	521	521	392	260	260	347	260	303	434	481
1035	1275	1194	1194	911	608	608	657	782	521	782	744	711
1035	1234	1194	1275	1275	1194	1234	1515	1354	1435	1515	1595	1008
2060	1832	1673	1673	1595	955	782	1035	955	825	1074	1275	1447
1911	1832	1915	1514	1194	1115	1232	1194	1035	868	782	782	1287
1673	1595	1275	1275	1275	1275	1115	1115	868	912	1115	1354	1305
1554	1554	1275	1275	1275	1515	1595	1595	1595	1435	1435	1595	1628
608	390	347	347	347	347	260	260	260	260	260	260	713
521	260	347	347	260	260	260	260	304	260	260	260	305
1475	1235	1035	1072	788	434	434	260	347	434	434	521	550
347	347	347	260	347	260	174	174	347	260	260	614	435
1194	1115	1194	735	614	521	347	478	909	347	955	1120	738
521	478	521	608	831	707	608	788	658	782	782	868	808
1673	1755	1714	1554	1355	1115	868	868	868	955	909	955	1115
1673	1435	1595	1194	1115	868	521	434	347	347	390	608	738
1234	1155	955	955	782	707	657	707	707	744	868	868	762
955	955	955	913	782	657	434	521	657	657	707	608	758
1154	825	707	744	782	564	434	434	390	434	521	477	626
608	521	738	782	608	347	347	347	260	260	260	347	430
564	614	614	614	782	434	570	608	608	521	608	707	457
434	565	434	521	614	608	707	782	521	521	521	707	520
1035	1315	1275	1515	1435	1194	1115	1115	955	868	1035	1035	910
1035	1035	868	304	174	174	608	347	434	707	868	868	834
1435	1595	1395	1354	1435	491	404	374	260	374	374	374	822
1035	1155	1194	992	782	521	434	521	434	521	521	347	612
260	260	260	347	347	347	260	260	260	260	174	521	319
1050	1024	976	926	860	676	632	626	614	616	689	753	789

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
150	150	150	150	150	150	75	150	150	1120	905	532	418
527	828	976	864	905	527	376	312	376	376	678	976	573
1052	1052	940	867	489	226	226	226	226	226	226	188	786
376	342	376	269	312	312	312	226	150	75	150	150	230
489	376	312	226	226	231	226	150	150	75	75	75	207
828	828	752	526	150	75	150	150	112	112	112	75	274
676	828	714	940	905	940	905	976	905	864	828	1014	543
1425	1188	905	1052	752	112	112	312	212	344	376	602	789
1595	1528	1530	1148	905	-	1530	1662	1255	1013	905	976	1024
1698	1390	1115	976	828	828	752	676	526	676	677	976	1077
1154	976	752	676	676	828	752	905	677	526	676	905	1071
150	226	150	75	150	75	75	75	75	75	75	75	248
226	75	75	75	75	75	75	75	75	75	75	75	107
979	754	526	602	269	75	75	75	00	75	75	150	209
75	75	75	-	768	1250	823	1865	602	401	898	601	382
602	828	905	990	639	976	1595	1695	1052	752	905	828	674
1966	1966	1899	1355	1291	902	1082	765	451	451	451	526	1129
1188	1188	1254	978	790	564	312	312	312	376	344	376	650
1120	1120	976	563	312	150	150	75	75	75	150	75	271
905	752	526	451	269	188	226	269	150	376	451	376	324
676	676	676	602	413	312	112	150	226	376	376	344	418
790	488	376	376	188	188	150	150	226	112	150	75	305
150	150	263	451	312	150	226	226	226	226	150	150	184
1113	1390	1695	1596	678	-	1390	376	312	226	226	226	495
226	376	226	301	451	451	414	376	150	312	376	344	226
602	676	752	905	608	451	376	376	226	226	150	226	411
602	676	526	231	75	75	150	150	150	150	150	150	378
752	979	826	526	376	226	312	188	75	150	75	75	300
677	710	676	451	226	226	231	150	150	150	150	150	262
75	75	75	226	150	226	150	150	188	150	150	226	118
761	756	670	636	478	372	445	441	315	338	366	384	467

IONES PESADOS POSITIVOS "N+" por cm³

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
1	5380	5380	4490	5380	5380	4490	4490	6295	6295	7180	11690	12590
2	9860	5380	4490	-	4490	3585	2690	3585	3585	4490	4490	5380
3	6295	5380	5380	5380	5380	5380	5380	7180	5380	5380	7180	8060
4	13430	14350	17050	12590	9860	8060	8950	10770	11690	8950	8950	8950
5	22400	22400	20350	17950	14350	11690	13430	14350	17050	9860	9860	9860
6	25150	25150	17050	13430	11690	10770	12590	13430	12590	9860	8060	6295
7	10770	8060	7180	8060	6295	7180	7180	7180	7180	7180	6295	7180
8	7180	6295	6295	7180	7180	6295	7180	8950	8060	8060	10770	8950
9	10770	8950	9860	8950	8950	8060	8950	8060	9860	8060	8060	9860
10	8950	6295	7180	7180	7180	7180	7180	8060	8060	8950	9860	10770
11	7180	6295	6295	7180	7180	7180	7180	7180	8060	8950	8060	9860
12	6295	6295	6295	5380	5380	6295	7180	-	-	-	-	-
13	-	-	-	-	-	-	-	31460	35000	20700	16130	12590
14	21520	17950	17950	17050	15250	15250	18870	20700	18870	12590	14350	11690
15	14350	11690	11690	11690	10770	12590	12590	12590	12590	17050	22400	26900
16	8060	7180	7180	8060	9860	8950	8950	9860	8950	8950	7180	9860
17	7180	6295	6295	6295	6295	6295	6295	7180	7180	6295	6269	6295
18	4490	3585	4490	5480	5380	5380	5380	6295	6295	5380	5380	6295
19	9860	8060	9860	9860	9860	8060	8060	-	-	-	-	-
20	14350	12590	10770	10770	10770	10770	12590	15250	16130	9860	11690	11690
21	8950	8950	9860	9860	10770	9860	10770	13430	13430	10770	9860	14350
22	12590	12590	12590	17050	11690	9860	9860	10770	11690	11690	10770	12590
23	16130	11690	14350	14350	14350	14350	16130	16130	18870	17050	17950	14350
24	25150	26900	26900	32300	24200	23360	26000	28730	35000	23360	32300	20700
25	6295	6295	7180	8060	8950	7180	7180	9860	8060	8950	8060	8950
26	7180	6295	7180	8060	8950	7180	8060	-	-	-	-	-
27	-	-	-	-	-	-	-	11690	11690	8950	13430	16130
28	11690	9860	10770	10770	11690	10770	12590	17050	16130	13430	14350	17050
29	17950	18870	16130	14350	13430	13430	13450	15250	14350	12590	12590	11690
30	17050	17050	17950	17950	16130	15250	18870	24200	-	-	-	-
31												
Promedio	12016	10931	10824	11134	10059	9454	10287	12796	12771	10559	11384	11496

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	5380	3585	5380	3585	4490	4490	3585	5380	5380	5380	11690	12590
2	8950	6295	5380	5380	4490	3585	4490	5380	3585	5380	5380	4490
3	5380	5380	4490	4490	5380	4490	5380	5380	5380	6295	6295	8950
4	11690	12590	11690	8950	8950	7180	8950	8950	8060	8060	8950	7180
5	22400	20350	16130	16130	11690	11690	11690	17950	9860	-	7180	8060
6	25150	18870	14350	11690	11690	11690	16130	11690	8950	8060	7180	6295
7	8950	7180	8060	5380	6295	6295	8950	8060	5380	5380	6295	5380
8	5380	5380	4490	4490	6295	6295	6295	5380	8060	7180	8950	7180
9	8060	8060	7180	8950	8060	8060	7180	7180	6295	6295	7180	9860
10	6295	6295	5380	5380	7180	7180	5380	8950	6295	8060	8950	8950
11	5380	6295	4490	4490	6295	5380	7180	7180	5380	6295	8950	8060
12	3585	4490	3585	5380	4490	7180	8060	-	-	-	-	-
13	-	-	-	-	-	-	-	33190	36790	18870	8950	12590
14	20350	17950	13430	15250	15250	15250	17950	20350	13430	-	12590	9860
15	11690	8950	8060	8950	8950	9860	12590	11690	12590	17950	24200	22400
16	6295	7180	5380	5380	8060	8950	8950	10770	7180	5380	5380	8060
17	4490	5380	5380	5380	5380	5380	4490	7180	5380	6295	6295	4490
18	4490	3585	5380	4490	5380	3585	5380	6295	4490	3585	5380	4490
19	8950	7180	8060	8060	8060	7180	8060	-	-	-	-	-
20	9860	9860	8060	9860	9860	9860	8950	14350	15250	8060	10770	8060
21	7180	6295	6295	7180	8950	8950	8950	13430	8950	9860	12590	16130
22	11690	16130	17050	16130	8950	7180	8950	13430	10770	8060	8950	12590
23	9860	9860	12590	11690	14350	14350	14350	16130	13430	17050	16130	9860
24	24200	24200	31460	29600	22400	24200	26000	28750	31460	21520	28730	52950
25	5380	6295	7180	10770	7180	6295	7180	8060	8950	8950	5380	7180
26	5380	5380	5380	8060	7180	7180	8060	-	-	-	-	-
27	-	-	-	-	-	-	-	11690	8060	10770	14350	17950
28	9860	8950	8950	8950	8060	8950	15250	9860	10770	14350	12590	12590
29	16130	15250	12590	11690	11690	12590	12590	12590	11690	10770	9860	8950
30	16130	14350	16130	13430	12590	14350	16130	23360	-	-	-	-
31												
Promedio	10305	9699	9356	9256	8843	8844	9896	12318	10454	9494	10352	11352

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
10770	10770	9860	9860	10770	8950	7180	7180	7180	24200	20350	9860	8999
5380	4490	4490	5380	7180	7180	6295	9860	11690	8950	7180	5380	5890
8950	8060	10770	8950	8060	8950	11690	20350	25150	20350	20700	12590	9847
8060	8060	7180	8060	12590	18870	20700	20350	20700	22400	21520	20350	13435
10770	15250	17950	17950	18870	26900	25150	25150	30580	23360	17950	22400	18160
6295	5380	7180	6295	9860	11690	11690	12590	8950	8950	8950	9860	11406
6295	6295	5380	7180	7180	7180	6295	7180	7180	7180	5380	6295	7032
8950	7180	9860	9860	9860	10770	14350	10770	11690	10770	9860	8950	8969
11690	11690	9860	10770	9860	10770	8950	8950	8950	8060	8950	8950	9410
11690	10770	10770	10770	11690	11690	9860	9860	10770	9860	8060	7180	9159
9860	10770	9860	8060	8060	6295	6295	7180	7180	6295	7180	7180	7701
-	-	-	-	-	-	-	-	-	-	-	-	6160
16130	26900	20350	18870	24200	26000	27800	27800	26000	26000	20700	22400	23472
8950	8060	8950	9860	10770	17050	20700	22400	21520	17950	16130	13430	15742
17050	16130	20350	15250	13430	11690	9860	8950	9860	8060	7180	8060	13449
8950	8060	7180	8060	9860	8060	7180	7180	7180	7180	7180	7180	8179
5380	5380	5380	5380	5380	5380	4490	4490	4490	4490	4490	4490	5724
6295	6295	6295	7180	7180	7180	8060	8950	10770	8950	9860	9860	6696
-	9860	8950	11690	14350	13430	16130	17950	20350	21520	16130	13430	12634
9860	9860	16130	14350	12590	11690	10770	10770	12590	9860	8060	10770	11855
15250	15250	15250	13430	8950	10770	13430	10770	10770	8950	8060	8060	11242
10770	11690	14350	12590	10770	17950	17050	24200	22400	14350	16130	10770	13615
14350	13430	13430	13430	15250	24200	26000	31460	35000	36790	35900	20350	19387
24200	27800	20700	26000	31460	9860	8060	8950	7180	5380	6295	6295	21128
8060	7180	8060	8060	7180	7180	7180	8060	9860	7180	6295	7180	7771
-	-	-	-	-	-	-	-	-	-	-	-	7558
15250	15250	17050	10770	7180	7180	15250	20350	20350	13430	-	14350	13644
12590	11690	11690	13430	11690	14350	16130	27800	28730	24200	20700	17950	15296
10770	10770	10770	10770	12590	20350	24200	17950	17950	13430	11690	14350	14569
-	-	-	-	-	-	-	-	-	-	-	-	18056
10868	11197	11409	11195	11734	12650	13361	14720	15371	14004	12726	11404	11848

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
9860	10770	9860	9860	9860	8060	7180	8060	6295	16130	11690	10770	7888
4490	4490	4490	5380	5380	7180	8060	6295	10770	5380	5380	5380	5644
8950	8060	10770	8060	7180	9860	10770	23360	25150	16130	20350	8950	9370
8060	8950	7180	9860	16130	15250	17950	21520	17950	22400	22400	20350	12467
8950	17950	17950	17050	24200	25150	27800	28730	26900	20700	21520	22400	17931
6295	4490	5380	8060	10770	11690	9860	7180	7180	8950	8950	8060	10359
4490	7180	6295	6295	9860	5380	4490	6295	4490	6295	6295	5380	6431
7180	6295	7180	8060	8950	9860	12590	10770	10770	8950	7180	6295	7477
11690	9860	8950	8950	9860	9860	6295	8060	6295	8950	8950	8950	8293
10770	10770	9860	9860	9860	9860	8060	9860	9860	8060	7180	7180	8145
8950	10770	7180	5380	4490	4490	4490	4490	5380	4490	5380	4490	6056
-	-	-	-	-	-	-	-	-	-	-	-	5253
17050	23360	13430	18870	24200	26000	26000	31460	28730	25150	20700	21520	22756
6295	5380	7180	10770	11690	20700	20700	20700	20350	17950	14350	14350	14873
-	16130	17950	15250	17050	17950	9860	8060	8060	7180	7180	5380	12519
7180	6295	4490	6295	7180	8060	5380	5380	5380	5380	5380	5380	6614
3585	4490	4490	7180	5380	5380	2690	3585	4490	2690	4490	4490	4936
4490	5380	7180	7180	5380	7180	8060	9860	9860	8060	8060	8060	6053
-	8950	8060	13430	11690	11690	17050	13430	18870	21520	11690	10770	11261
8950	11690	13430	9860	11690	10770	8060	8060	10770	8060	7180	7180	9938
15250	13430	15250	8950	7180	8950	13430	8950	7180	6295	8060	6295	9749
11690	11690	13430	8950	10770	15250	15250	18870	13430	13430	9860	11690	12258
10770	13430	9860	13430	21520	24200	27800	34080	38600	40400	27800	20700	18427
43950	36790	27800	35000	9860	11690	7180	7180	4490	5380	6295	6295	22807
8950	5380	7180	6295	5380	6295	6295	7180	7180	6295	5380	5380	6916
-	-	-	-	-	-	-	-	-	-	-	-	6660
14350	14350	12590	6295	6295	5380	17950	16130	17950	8950	8950	8950	11821
10770	10770	11690	9860	9860	14350	20700	26900	24200	21520	17050	16130	13455
9860	8950	8060	8950	12590	20350	25150	14350	12590	14350	11690	14350	12818
-	-	-	-	-	-	-	-	-	-	-	-	15809
10513	10965	10265	10496	10898	12253	12930	13659	13451	12557	11088	10190	10810

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	15.1	21.2	16.6	16.6	19.7	13.6	13.6	16.6	13.6	13.6	9.1	12.1	9.1
2	7.6	12.1	12.1	15.1	6.0	- 3.2	1.5	- 3.2	- 3.2	- 4.7	- 4.7	1.5	3.0
3	1.5	4.5	4.5	7.6	7.6	1.5	3.0	1.5	- 1.6	4.5	3.0	3.0	3.0
4	12.1	13.6	9.1	10.6	7.6	3.0	1.5	- 1.6	-	-	-	-	-
5	6.0	13.6	12.1	13.6	13.6	6.0	12.1	13.6	9.1	9.1	3.0	3.0	3.0
6	9.1	13.6	12.1	13.6	9.1	9.1	2.0	9.1	9.1	6.0	1.5	3.0	1.5
7	9.1	12.1	12.1	12.1	9.1	6.0	7.6	4.5	-	-	-	-	-
8	6.0	12.1	13.6	12.1	7.6	4.5	9.1	12.1	4.5	10.6	4.5	9.1	7.6
9	3.0	18.0	15.1	10.6	13.6	6.0	12.1	15.1	-	-	-	-	6.0
10	4.5	9.1	13.6	12.1	12.1	10.6	7.6	9.1	12.1	7.6	6.0	10.6	9.1
11	9.1	15.1	15.1	13.6	13.6	12.1	12.1	12.1	13.6	10.6	12.1	4.5	12.1
12	9.1	12.1	13.6	16.6	19.7	10.6	10.6	9.1	9.1	12.1	10.6	10.6	13.6
13	10.6	16.6	15.1	18.1	18.1	9.1	10.6	10.6	9.1	13.6	9.1	10.6	9.1
14	15.1	12.1	12.1	15.1	12.1	4.5	10.6	12.1	16.6	6.0	9.1	16.6	16.6
15	13.6	18.1	16.6	15.1	12.1	12.1	13.6	16.6	15.1	6.0	9.1	10.6	9.1
16	16.6	22.7	28.7	24.2	19.7	12.1	19.7	16.6	16.6	16.6	16.6	13.6	18.1
17	19.7	15.1	19.7	21.2	18.1	12.1	12.1	13.6	16.6	18.1	15.1	16.6	13.6
18	3.0	3.0	9.1	12.1	13.6	6.0	12.1	12.1	10.6	13.6	10.6	15.1	7.6
19	16.6	21.2	23.8	23.8	23.8	16.6	18.1	19.7	13.6	21.2	15.1	22.7	19.7
20	15.1	15.1	15.1	18.1	15.1	13.6	13.6	13.6	10.6	10.6	12.1	13.6	13.6
21	13.6	18.1	17.5	19.7	18.1	12.1	12.1	12.1	9.1	9.1	9.1	12.1	12.1
22	13.6	18.1	15.1	18.1	15.1	10.6	13.6	10.6	9.1	7.6	- 1.6	1.5	4.5
23	-	-	-	-	-	-	-	-	13.6	9.1	10.6	12.1	13.6
24	19.7	30.2	27.2	18.1	18.1	12.1	16.6	16.6	12.1	6.0	4.5	7.6	12.1
25	7.6	10.6	9.1	12.1	13.6	10.6	13.6	21.2	15.1	15.1	12.1	15.1	13.6
26	7.6	7.6	11.1	12.1	12.1	6.0	6.0	6.0	13.6	12.1	1.5	4.5	9.1
27	18.1	25.7	21.2	25.7	21.2	19.7	21.2	22.7	24.2	24.2	22.7	25.7	24.2
28	25.7	30.2	30.2	34.8	30.2	22.7	30.2	28.7	28.7	28.7	28.7	33.3	36.3
29	34.8	36.3	33.3	31.8	33.3	24.2	22.7	28.7	22.7	19.7	22.7	25.7	22.7
30	24.2	22.7	21.2	30.2	48.4	34.8	31.8	25.7	31.8	28.7	19.7	27.2	24.2
31													
Prom	12.7	16.6	16.4	17.4	16.6	11.0	12.8	13.3	13.2	12.4	10.1	12.6	12.4
Var.	0.2	4.1	3.9	4.9	4.1	- 1.5	0.3	0.8	0.7	- 0.1	- 2.4	0.1	- 0.1

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	37.0	37.0	39.9	42.8	39.9	32.8	34.2	31.4	34.2	29.9	31.4	35.6	34.2
2	24.2	27.1	31.4	37.0	29.9	29.9	29.9	41.3	34.2	35.6	34.2	28.5	28.5
3	24.2	27.1	27.1	28.5	18.5	17.1	17.1	28.5	22.8	28.5	24.2	18.5	18.5
4	28.5	27.1	28.5	28.5	22.8	24.2	25.6	25.6	-	-	-	-	-
5	14.2	22.8	25.6	29.9	22.8	17.1	20.0	28.5	21.4	24.2	15.7	14.2	15.7
6	10.0	8.6	12.1	14.2	10.0	8.6	11.4	17.1	14.2	14.2	14.2	15.7	12.1
7	15.7	12.1	12.8	14.2	10.0	6.0	6.0	12.1	-	-	-	-	-
8	7.1	7.1	8.6	14.2	12.8	12.8	12.8	7.1	5.7	12.8	7.1	5.7	7.1
9	5.7	- 2.8	7.1	8.6	5.7	2.8	1.4	5.7	-	-	-	-	- 2.8
10	5.7	2.8	- 1.4	5.7	4.3	4.3	2.8	11.4	4.3	7.1	2.8	7.1	7.1
11	5.7	2.8	2.8	7.1	7.1	5.7	5.7	8.6	5.7	7.1	5.7	4.3	2.8
12	2.8	- 1.4	2.8	4.3	1.4	- 2.8	2.8	2.8	- 2.8	1.4	1.4	- 2.8	- 2.8
13	-14.2	- 9.9	- 2.8	- 4.3	- 9.9	-15.6	-15.6	-12.8	-21.3	-12.8	-14.2	-12.8	-15.6
14	-11.4	-14.2	-12.8	- 9.9	-18.5	-18.5	-14.2	- 9.9	-18.5	-17.0	-25.6	-18.5	-19.9
15	-28.4	-27.0	-27.0	-20.0	-22.8	-20.0	-21.3	-29.8	-22.8	-24.1	-19.9	-25.6	-27.0
16	-38.3	-32.7	-29.8	-25.6	-35.5	-39.8	-25.6	-24.1	-31.2	-31.2	-28.4	-32.7	-36.9
17	-28.4	-29.8	-29.8	-29.8	-38.3	-44.0	-36.9	-34.1	-35.5	-31.2	-31.2	-34.1	-35.5
18	-36.9	-34.1	-31.2	-27.0	-35.5	-34.1	-34.1	-22.7	-32.7	-24.1	-29.8	-21.3	-27.0
19	-27.0	-29.8	-21.3	-24.1	-28.4	-32.7	-27.0	-18.5	-32.7	-22.7	-34.1	-22.7	-29.8
20	-28.4	-28.4	-24.2	-24.1	-35.5	-34.1	-28.4	-22.7	-29.8	-32.7	-28.4	-32.7	-32.7
21	-34.1	-29.8	-27.0	-27.0	-31.2	-32.7	-36.9	-29.8	-34.1	-35.5	-38.3	-35.5	-41.2
22	-36.9	-44.9	-39.8	-35.5	-35.5	-36.9	-38.3	-42.6	-45.4	-45.4	-44.0	-49.7	-35.5
23	-	-	-	-	-	-	-	-	-45.4	-34.1	-38.3	-42.6	-42.6
24	-38.3	-39.8	-38.3	-36.9	-45.4	-45.4	-46.9	-45.4	-44.0	-49.7	-49.7	-42.0	-46.9
25	-45.4	-45.4	-41.2	-42.6	-49.7	-44.0	-46.9	-44.0	-45.4	-39.8	-41.2	-45.4	-51.1
26	-55.4	-51.5	-51.5	-45.4	-58.2	-56.8	-52.5	-47.0	-49.7	-46.9	-45.4	-48.3	-51.1
27	-41.2	-41.2	-39.8	-39.8	-45.4	-49.7	-44.0	-49.7	-44.0	-41.2	-44.0	-41.2	-42.6
28	-44.0	-42.6	-42.6	-39.8	-49.7	-49.7	-42.6	-48.3	-54.0	-49.7	-45.4	-46.9	-45.4
29	-56.8	-59.6	-52.5	-46.9	-48.3	-51.1	-59.6	-54.0	-56.8	-59.6	-52.5	-58.2	-61.1
30	-65.3	-58.2	-54.0	-52.5	-62.5	-61.1	-59.6	-46.9	-51.1	-51.1	-59.6	-54.0	-54.0
31													
Prom	-15.5	-15.4	-12.6	-10.2	-16.0	-17.5	15.8	11.4	-20.5	-18.1	-19.8	-19.9	-20.6
Var.	2.1	2.2	5.0	7.4	1.6	0.1	1.8	6.2	- 2.9	- 0.5	- 2.2	- 2.3	- 3.0

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
15.1	15.1	10.6	9.1	9.1	6.0	9.1	12.1	15.1	15.1	10.6	13.2	1
1.5	- 4.7	- 6.4	- 3.2	3.0	3.0	6.0	6.0	3.0	6.0	7.6	2.6	0
6.0	- 1.6	3.0	- 1.6	3.0	1.5	6.0	3.0	9.1	9.1	10.6	3.8	0
1.5	1.5	- 3.2	1.5	3.0	1.5	4.5	7.6	9.1	7.6	6.0	5.1	1
10.6	4.5	3.0	1.5	3.0	4.5	3.0	4.5	7.6	10.6	10.6	7.5	0
9.1	6.0	3.0	6.0	3.0	3.0	4.5	3.0	9.1	9.1	9.1	6.8	0
-	-	-	-	-	-	-	13.6	9.1	6.0	9.1	9.2	1
6.0	4.5	7.6	6.0	1.5	9.1	9.1	13.6	7.6	6.0	9.1	8.1	1
10.6	3.0	1.5	1.5	9.1	13.6	7.6	10.6	9.1	13.6	16.6	9.8	2
10.6	6.0	7.6	7.6	1.5	12.1	12.1	12.1	13.6	12.1	12.1	9.6	1
13.6	9.1	9.1	4.5	6.0	7.6	13.6	12.1	16.6	16.6	13.6	11.6	1
12.1	9.1	9.1	6.0	6.0	7.6	10.0	10.0	13.6	12.1	12.1	11.1	1
9.1	9.1	9.1	9.1	6.0	7.6	9.1	13.6	15.1	15.1	13.6	11.5	2
4.5	- 6.4	10.6	6.0	3.0	- 1.6	-16.6	12.1	16.6	10.6	10.6	8.7	2
10.6	7.6	12.1	9.1	16.6	13.6	16.6	21.2	19.7	19.7	24.2	14.1	1
16.6	10.6	13.6	10.6	12.1	12.1	15.1	15.1	21.2	21.2	19.7	17.1	0
13.6	6.0	3.0	1.5	3.0	4.5	1.5	- 3.2	4.5	4.5	10.6	10.9	1
13.6	15.1	16.6	13.6	12.1	12.1	16.6	21.2	19.7	18.1	21.2	12.8	0
19.7	15.1	13.6	12.1	15.1	15.1	13.6	16.6	21.2	18.1	13.6	17.9	0
12.1	10.6	10.6	9.1	9.1	4.5	9.1	9.1	15.1	15.1	10.6	12.3	0
12.1	6.0	9.1	4.5	7.6	4.5	6.0	9.1	13.6	13.6	13.6	11.4	0
4.5	3.0	3.0	1.5	3.0	9.1	9.1	9.1	-	-	-	8.5	1
18.1	13.6	10.6	4.5	1.5	3.0	10.6	18.1	16.6	7.6	15.1	11.1	1
15.1	13.6	12.1	9.1	9.1	6.0	9.1	7.6	13.6	12.1	13.6	13.4	1
15.1	4.5	3.0	9.1	7.6	6.0	6.0	6.0	7.6	15.1	7.6	10.7	0
12.1	6.0	6.0	6.0	12.1	10.6	15.1	15.1	18.1	18.1	21.2	10.4	1
25.7	18.1	12.1	19.7	25.7	19.7	25.7	25.7	28.7	30.2	34.8	23.4	1
28.7	21.2	22.7	22.7	21.2	21.2	24.2	28.7	36.3	33.3	30.2	28.3	1
24.2	21.2	22.7	12.1	9.1	12.1	18.1	34.8	27.2	33.3	15.1	24.5	2
18.1	19.7	19.7	19.7	24.2	24.2	27.2	21.2	24.2	-	-	25.8	2
12.8	8.5	8.8	7.5	8.5	8.8	10.4	13.0	15.2	14.6	14.4	12.5	
0.3	- 4.0	- 3.7	- 5.0	- 4.0	- 3.7	- 2.1	0.5	2.7	2.1	1.9		

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
28.5	34.2	28.5	31.4	27.1	25.6	28.5	32.8	38.5	31.4	32.8	33.3	1
29.9	27.1	27.1	22.8	24.2	18.5	21.4	25.6	25.6	27.1	21.4	28.4	2
20.0	18.5	18.5	15.7	24.2	20.0	20.0	21.4	22.8	28.5	24.2	22.3	1
22.4	29.9	17.1	24.2	27.1	25.6	20.0	27.1	24.2	29.9	25.6	25.5	1
15.7	15.7	5.7	5.7	8.6	8.6	10.0	7.1	7.1	17.1	7.1	15.8	1
12.8	2.8	5.7	7.1	8.6	5.7	4.3	7.1	7.1	11.4	11.4	10.3	1
-	-	-	-	-	-	-	11.4	11.4	15.7	10.0	11.4	1
8.6	10.0	14.2	14.2	5.7	10.0	11.4	14.2	8.6	10.0	7.1	9.8	1
- 2.8	- 2.8	- 8.5	- 7.1	4.3	4.3	- 1.4	- 1.4	- 2.8	10.0	8.6	1.6	1
4.3	2.8	2.8	2.8	4.3	4.3	2.8	4.3	8.6	10.0	5.7	4.9	1
- 1.4	- 8.5	2.8	- 5.7	2.8	4.3	- 1.4	4.3	2.8	10.0	1.4	3.2	2
- 1.4	- 1.4	- 5.7	- 4.3	- 7.1	- 7.1	- 7.1	- 4.3	1.4	2.8	- 5.7	- 1.4	1
-18.5	-21.3	-18.5	-14.2	-18.5	-18.5	-11.4	-11.4	- 8.5	- 5.7	-12.8	-13.4	2
-27.0	-14.2	-19.9	-27.0	-29.9	-24.1	-28.4	-15.6	-19.9	-14.2	-19.9	-18.7	2
-31.2	-25.6	-32.7	-32.7	-25.6	-35.5	-34.1	-31.2	-31.2	-21.3	-29.8	-26.9	1
-38.3	-38.3	-39.8	-34.1	-32.7	-35.5	-36.9	-28.4	-34.1	-22.7	-28.4	-32.5	1
-35.5	-38.3	-42.6	-39.8	-36.9	-36.9	-42.6	-36.9	-36.9	-31.2	-35.5	-35.5	1
-27.0	-31.2	-36.9	-28.4	-28.4	-21.3	-27.0	-22.7	-21.3	-18.5	-21.3	-28.1	1
-31.2	-32.7	-34.1	-35.5	-36.9	-31.2	-36.9	-29.8	-25.6	-22.7	-31.2	-29.1	1
-29.8	-32.7	-32.7	-35.5	-38.3	-34.1	-34.1	-27.0	-28.4	-19.9	-29.8	-30.2	1
-36.9	-35.5	-32.7	-35.5	-38.3	-36.9	-39.8	-36.9	-35.5	-35.5	-39.8	-34.8	0
-41.2	-44.0	-42.6	-48.3	-42.6	-42.6	-42.6	-41.2	-	-	-	-41.7	1
-42.6	-44.0	-46.9	-48.3	-44.0	-39.8	-44.0	-44.0	-39.8	-35.5	-42.6	-42.2	1
-46.9	-49.7	-54.0	-51.1	-48.3	-45.4	-55.4	-48.3	-44.0	-41.2	-44.0	-45.7	1
-51.1	-48.3	-54.0	-55.4	-48.3	-52.5	-55.4	-58.2	-49.7	-48.3	-55.4	-48.3	2
-51.1	-58.2	-58.2	-56.8	-48.3	-51.1	-49.7	-42.6	-45.4	-39.8	-46.9	-49.0	2
-41.2	-46.9	-51.1	-46.9	-44.0	-48.3	-48.3	-45.6	-44.0	-39.8	-51.5	-44.6	2
-49.7	-55.4	-48.3	-49.6	-59.6	-49.7	-56.8	-51.1	-52.5	-46.9	-55.4	-49.0	1
-62.5	-58.2	-61.1	-62.5	-55.4	-66.7	-68.2	-56.8	-49.7	-59.6	-56.8	-57.3	2
-58.2	-54.0	-62.5	-58.2	-55.4	-52.5	-55.4	-52.5	-52.5	-	-	-56.0	2
-20.1	-20.7	-23.0	-22.5	-20.7	-20.8	-22.7	-17.7	-15.9	-10.7	-16.1	17.6	
- 2.5	- 3.1	- 5.4	- 4.0	- 3.1	- 3.2	- 5.1	- 0.1	1.7	6.9	1.5		

PRESIÓN ATMOSFÉRICA

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	68.2	67.7	67.6	67.1	66.9	66.8	66.9	67.0	66.7	66.2	66.0	65.2	64.4	63.4	62.4
2	58.7	57.5	55.7	55.8	54.7	55.5	55.8	56.3	56.5	56.8	57.3	57.3	57.3	57.3	57.3
3	58.6	58.7	58.6	58.5	58.7	58.9	59.5	59.7	60.4	60.6	60.5	60.0	59.7	59.7	59.9
4	62.5	62.5	62.7	63.0	63.3	63.6	63.8	64.6	64.5	64.5	64.4	64.1	64.0	63.7	63.6
5	64.8	64.8	64.8	64.8	64.9	65.0	65.9	65.8	65.9	65.8	65.5	64.5	64.0	63.8	63.5
6	62.9	62.5	62.3	62.0	62.0	62.1	61.7	61.4	61.4	61.2	60.6	60.0	59.0	58.6	58.1
7	58.1	58.3	58.0	57.5	57.4	57.5	58.1	58.0	58.4	58.4	58.6	58.3	58.0	57.6	57.9
8	60.8	60.6	60.3	60.0	60.0	60.5	60.6	61.0	61.4	61.3	61.1	60.7	60.2	60.1	59.9
9	61.2	61.0	60.7	60.6	60.2	60.5	60.7	60.7	60.8	60.8	60.1	59.5	59.1	58.6	58.5
10	57.5	57.5	57.3	56.9	56.8	57.1	57.2	57.2	57.3	57.8	58.1	57.7	57.6	57.6	57.5
11	60.1	60.1	60.4	60.5	60.7	61.2	61.3	62.1	62.6	62.7	62.6	62.4	62.2	62.1	62.0
12	63.5	63.5	63.7	63.7	63.5	63.4	63.4	63.6	63.9	63.8	63.5	63.1	62.9	62.4	62.4
13	64.8	64.9	65.0	64.7	64.5	64.9	65.2	63.7	63.8	63.9	64.0	63.7	63.1	62.9	62.3
14	62.9	62.8	62.8	62.7	62.8	63.0	63.6	63.7	64.0	64.2	64.2	63.5	63.0	62.7	62.7
15	63.2	63.2	62.9	62.7	62.3	62.5	63.0	63.2	63.4	63.8	63.1	62.0	62.1	62.2	62.3
16	62.3	62.4	62.5	62.3	62.3	62.4	62.7	63.0	63.1	63.3	63.4	63.1	62.9	62.7	62.8
17	63.0	62.8	62.2	62.0	61.2	60.6	60.2	59.3	59.1	58.2	57.6	57.0	56.3	55.8	56.1
18	60.2	61.1	61.4	62.0	62.7	63.5	64.3	65.3	65.8	66.6	66.6	66.4	66.1	66.2	66.2
19	68.5	68.3	67.8	67.8	67.8	68.0	68.8	68.7	68.5	68.9	68.8	68.0	67.7	67.2	66.7
20	66.8	66.2	65.7	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.6	64.6	64.0	63.2	62.9
21	62.1	61.8	61.6	61.5	61.5	61.4	61.7	61.6	61.6	61.6	61.1	59.9	59.4	58.7	58.6
22	58.8	58.6	58.6	58.3	57.8	57.7	57.7	58.2	58.2	58.1	57.7	57.3	56.6	56.2	55.6
23	56.8	56.9	57.3	57.1	57.0	57.2	57.4	58.2	58.5	59.1	59.1	58.5	58.1	58.0	58.0
24	59.9	60.0	59.7	59.3	59.2	59.1	59.1	59.1	59.1	59.3	59.5	58.7	58.6	57.6	57.1
25	57.9	57.8	57.6	57.7	57.8	57.9	58.4	59.2	59.5	59.5	59.3	58.6	58.2	58.0	57.4
26	55.6	55.7	55.6	55.2	54.9	54.9	55.1	55.7	56.8	57.3	57.5	57.6	57.2	57.7	57.4
27	61.7	61.6	61.6	61.5	61.4	61.8	62.5	63.4	64.4	65.0	65.2	65.2	64.6	64.6	64.3
28	66.8	66.8	66.9	66.8	67.3	67.9	68.4	68.8	69.0	69.3	69.3	69.1	68.8	68.6	68.6
29	68.8	68.7	68.6	68.4	68.3	68.6	69.1	69.7	68.9	70.2	70.1	69.5	68.9	68.6	68.5
30	69.8	69.9	70.0	69.8	69.8	70.0	70.1	70.8	71.0	71.1	71.1	70.7	70.1	69.9	69.8
31															
Prom	62.2	62.1	62.0	61.8	61.8	62.0	62.3	62.5	62.7	62.8	62.7	62.2	61.8	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	9.5	9.3	8.6	8.6	8.9	9.0	9.1	10.2	11.3	12.8	14.0	14.3	14.0	14.0	14.1
2	14.3	14.3	14.4	14.4	14.8	13.1	11.8	11.2	10.8	10.5	9.1	8.6	7.8	7.8	8.0
3	6.1	5.2	6.1	6.1	6.1	5.7	4.2	5.4	6.6	8.0	9.3	10.9	11.6	12.6	13.2
4	4.4	4.0	3.2	3.7	4.5	4.3	4.1	6.4	9.6	12.3	13.7	14.4	15.2	15.4	15.5
5	2.7	1.8	1.4	3.0	2.8	1.6	1.2	3.4	7.7	11.2	13.5	15.5	16.0	17.2	17.5
6	5.0	5.2	6.9	7.0	7.1	7.1	6.3	7.2	9.8	11.8	14.1	15.0	15.3	15.0	14.9
7	11.5	11.2	11.4	11.4	11.4	11.5	11.5	11.6	11.5	11.0	11.0	10.9	10.9	10.4	10.1
8	6.4	6.3	6.0	5.9	5.6	5.2	5.1	5.0	5.0	5.2	6.5	8.1	7.5	7.4	8.1
9	1.5	1.1	0.1	- 0.4	- 0.6	- 0.5	- 0.7	0.2	2.3	5.6	8.0	9.4	10.3	10.4	10.4
10	6.2	5.4	4.8	4.8	4.9	4.8	4.4	4.8	6.6	8.6	9.6	10.6	11.6	12.0	12.0
11	4.8	4.2	4.1	3.5	3.2	2.8	2.6	3.2	5.1	6.4	8.0	9.5	9.8	10.6	10.2
12	7.0	7.1	7.3	7.3	7.3	7.3	6.6	6.2	6.3	7.2	10.0	10.8	10.9	9.8	9.9
13	4.3	4.4	4.7	4.5	4.6	5.7	5.7	6.0	8.7	10.6	11.0	11.0	10.9	10.2	10.2
14	5.2	4.5	4.0	3.7	3.5	2.9	1.7	2.0	6.0	7.0	8.7	10.2	11.1	10.8	10.9
15	6.9	7.0	7.0	6.9	6.9	6.8	6.9	7.0	7.4	8.1	9.4	10.7	10.2	9.6	9.2
16	7.3	7.0	6.7	6.8	6.9	6.9	7.0	7.2	7.1	7.6	7.9	8.2	8.6	8.2	7.7
17	5.7	5.5	5.0	5.0	5.0	5.1	5.1	5.6	5.9	6.3	7.2	8.5	9.4	10.0	10.4
18	11.2	11.0	10.8	10.4	10.2	9.6	8.9	8.4	8.7	9.6	10.3	11.1	12.0	12.6	12.3
19	4.5	3.5	2.7	1.5	1.0	0.4	0.2	0.8	2.0	4.4	6.3	10.1	12.6	13.8	13.7
20	2.1	1.9	2.3	3.0	3.0	2.3	1.4	2.2	5.6	6.6	10.1	11.3	12.1	12.2	12.1
21	5.3	4.5	4.3	3.5	3.4	3.5	3.4	4.0	6.7	9.6	11.7	12.7	13.8	14.0	13.9
22	5.6	5.2	4.3	3.0	3.4	3.7	3.8	5.0	7.4	9.7	13.2	14.2	15.3	16.0	15.9
23	6.6	4.9	4.5	3.6	2.8	2.3	2.1	3.6	4.7	6.4	10.7	14.2	15.2	16.3	16.5
24	6.8	6.4	6.5	6.5	6.9	6.9	7.1	7.0	8.3	9.7	9.9	9.8	9.7	9.7	9.6
25	8.6	7.8	6.4	5.6	5.7	5.8	5.8	6.6	6.9	7.1	7.9	8.4	8.7	9.9	10.1
26	10.0	10.0	9.3	9.1	9.0	9.0	8.5	8.5	9.3	9.9	10.0	10.6	13.1	14.5	14.6
27	4.1	4.7	5.4	4.7	3.9	3.3	2.6	3.0	4.9	8.2	9.0	10.0	10.6	10.5	10.4
28	2.0	2.0	1.5	1.0	0.7	- 0.4	- 0.4	0.8	4.4	7.7	10.0	11.9	12.5	13.0	13.1
29	1.5	1.1	1.3	1.4	1.4	1.2	0.9	0.9	9.2	11.3	12.8	12.7	12.2	13.3	13.0
30	3.1	1.4	0.9	1.0	1.0	0.0	0.1	0.4	3.3	6.7	8.8	10.6	11.5	12.1	11.6
31															
Prom	6.0	5.6	5.4	5.2	5.2	4.9	4.6	5.1	7.0	8.6	10.0	11.1	11.7	12.0	12.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
62.4	62.2	62.3	62.3	62.4	61.8	61.6	61.3	59.9	68.2	1	59.9	24	8.3	764.5 mm.	1019.3 mb.
57.5	57.6	58.1	58.4	58.4	58.3	58.1	58.4	58.5	59.9	0	54.6	5-6	5.3	57.2	1009.6
60.1	60.4	61.1	61.3	61.6	62.2	62.4	62.5	62.7	62.7	24	58.5	0,4	4.2	60.1	1013.4
63.6	63.4	63.9	64.0	64.1	64.2	64.6	64.7	64.6	64.7	23	62.5	1,2	2.2	63.8	1018.4
63.5	63.5	63.5	63.6	63.5	63.5	63.1	63.0	63.1	65.9	7,9	63.0	23	2.9	64.3	1019.0
57.9	57.9	57.8	57.9	58.0	58.1	58.0	58.1	57.7	63.1	0	57.7	24	5.4	59.9	1013.2
58.3	58.7	59.6	60.1	60.2	60.2	60.2	60.5	60.5	60.5	23,24	57.3	4-5	3.2	58.7	1011.6
60.1	60.1	60.6	61.0	61.0	61.0	61.2	61.2	61.2	61.7	9-10	60.0	4,5	1.7	60.7	1014.2
58.4	58.5	57.9	58.0	58.2	58.0	57.8	57.8	57.8	61.3	0-1	57.7	23-24	3.6	59.4	1012.5
57.6	57.8	58.0	58.3	58.6	58.8	58.9	59.3	59.7	59.7	24	56.8	5	2.9	57.8	1010.4
62.1	62.1	62.6	63.0	63.0	62.9	63.0	63.2	62.8	63.2	23	59.7	0	3.5	62.0	1016.0
62.6	62.7	63.2	63.3	63.6	64.0	64.2	64.4	64.4	64.4	23-24	62.8	0	1.6	63.4	1017.8
62.0	62.0	62.5	62.9	63.2	63.4	63.5	63.4	63.4	65.2	7	62.0	16-17	3.2	63.6	1018.1
63.0	63.3	63.4	63.5	63.7	63.6	63.6	63.5	63.5	64.3	9-10	62.7	4,14,15	1.6	63.3	1017.7
62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.5	62.2	63.8	10	62.0	12	1.8	62.6	1016.8
63.0	62.9	63.1	63.7	63.7	63.8	63.7	63.4	59.1	63.8	21	59.1	24	4.7	62.8	1017.0
56.3	56.2	56.6	57.2	57.8	58.4	59.1	59.4	59.7	63.0	1	55.8	14	7.2	58.8	1011.7
66.8	67.2	67.7	68.1	68.2	68.3	68.4	68.7	68.5	68.7	23	59.7	0	9.0	65.7	1020.9
66.7	66.7	66.8	66.9	67.0	67.0	67.1	67.0	66.9	68.1	10	66.7	15,16,17	1.4	67.7	1023.6
62.8	62.6	62.5	62.4	62.4	61.9	62.1	62.7	62.3	66.9	0	61.9	21	5.0	64.1	1018.8
58.3	58.2	58.2	57.9	58.2	58.3	58.4	58.6	58.6	62.3	0	57.9	19	4.4	60.0	1013.3
55.6	55.6	55.9	56.3	56.6	56.7	56.7	56.8	56.8	58.8	1	55.6	15,16,17	3.2	57.2	1009.6
58.2	58.3	58.5	59.1	59.2	59.3	59.3	59.4	59.7	59.7	24	56.8	0,1	2.9	58.3	1011.0
57.6	57.8	58.1	58.5	58.2	58.3	58.8	58.2	58.1	60.2	1-2	57.1	15	3.1	58.7	1011.6
57.0	57.1	57.3	56.8	56.2	56.2	55.8	55.8	55.6	59.5	9,10	55.6	24	3.9	57.6	1010.1
57.8	58.4	58.4	59.3	59.6	60.1	60.6	61.5	61.9	61.9	24	54.9	5,6	7.0	57.6	1010.1
64.8	64.9	65.1	65.7	65.6	65.6	65.9	66.6	66.8	66.8	24	61.2	4-5	5.6	64.2	1018.9
68.6	68.5	68.5	68.6	68.6	68.8	69.1	69.3	69.1	69.3	23	66.7	1-2	2.6	68.4	1024.5
68.4	68.5	68.7	68.9	69.1	69.1	69.4	69.6	69.8	70.2	10	68.3	5	1.9	69.1	1024.4
69.9	70.2	70.4	70.5	70.6	70.6	70.4	70.3	70.7	70.9	23-24	69.7	4-5	1.2	70.3	1027.0
61.4	61.5	61.7	62.0	62.1	62.2	62.2	62.4	62.2	64.0		60.2		3.8	62.1	1016.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.1	14.2	14.3	14.4	14.6	14.7	14.6	14.4	14.4	14.7	21	8.6	3,4	6.1	12.4
8.8	8.8	8.9	7.7	7.2	7.5	7.5	7.4	6.7	14.8	5	6.7	24	8.1	10.0
13.1	11.3	8.7	7.0	6.0	5.6	5.3	5.3	4.9	13.2	15	4.9	24	8.3	7.7
14.9	12.0	10.2	9.7	9.0	7.7	5.9	4.4	4.0	15.5	15	3.2	3	12.3	8.7
17.0	13.2	10.8	9.4	8.4	8.4	8.4	8.9	6.3	17.5	15	1.4	3	16.1	8.6
14.3	13.5	13.0	12.9	12.8	12.6	12.0	12.0	11.7	15.3	13	5.0	1	10.3	11.0
9.9	9.6	8.9	8.0	7.6	7.6	7.1	6.9	6.8	11.7	0	6.8	24	4.9	10.0
8.4	6.7	4.1	4.0	3.8	3.2	2.9	2.4	2.1	8.4	16	2.1	24	6.3	5.4
9.7	7.7	5.7	5.3	5.6	5.1	5.5	5.6	5.1	10.4	14,15	- 0.7	7	11.1	4.7
11.2	9.1	7.7	7.4	6.4	6.1	6.1	5.6	5.5	12.0	14,15	4.4	7	7.6	7.3
9.7	9.0	8.8	8.5	8.5	7.4	6.8	6.5	6.8	10.6	14	2.6	7	8.0	6.7
10.0	8.9	7.7	6.4	6.8	5.7	5.2	5.2	4.5	10.9	13	4.5	24	6.4	7.6
10.2	9.2	8.1	7.3	6.1	5.9	6.0	5.9	5.5	11.0	11,12	4.3	1	6.7	7.4
10.8	9.7	7.6	6.1	4.8	5.0	5.1	5.5	6.1	11.2	13-14	1.7	7	9.5	6.4
8.7	8.1	8.0	7.9	7.8	7.7	7.8	7.8	7.7	10.7	12	6.1	0	4.6	8.0
7.2	6.7	6.6	6.5	6.5	6.3	6.0	5.9	5.8	8.6	13	5.8	24	2.8	7.0
10.4	10.4	11.0	10.9	10.8	10.9	11.2	11.2	11.2	10.4	15,16,17	5.0	3,4,5	5.4	8.2
12.0	11.7	10.1	8.6	7.2	6.9	6.5	5.8	5.4	12.6	14	5.4	24	7.2	9.6
13.2	10.1	7.0	5.6	4.0	3.0	2.9	2.8	2.8	13.8	14	0.2	7	13.6	5.4
10.8	8.8	7.9	7.8	7.2	6.4	6.8	6.4	5.8	12.2	14	1.1	7-8	11.1	6.5
13.8	11.6	9.6	8.6	8.1	8.1	8.1	7.4	7.1	14.0	14	3.4	5,7	10.6	8.2
15.6	13.2	10.5	8.3	7.4	7.2	7.3	7.4	7.5	16.0	14	2.9	3-4	13.1	8.8
16.2	12.8	10.7	8.9	8.0	6.7	5.7	7.7	7.8	16.5	15	1.9	7-8	14.6	8.3
9.7	9.8	9.9	10.0	10.0	10.1	10.2	9.7	9.3	10.2	22	6.5	3,4	3.7	8.7
10.0	9.4	9.3	9.4	9.4	9.5	10.0	10.2	10.0	10.2	22	5.6	4	4.6	8.3
14.6	12.0	9.8	8.6	8.0	6.5	5.1	4.1	4.4	14.8	15-16	4.1	23	10.7	9.5
10.4	8.6	7.0	5.0	4.2	2.9	3.0	2.7	2.4	10.6	13	2.4	24	8.2	5.9
12.9	9.7	6.1	4.5	3.4	2.5	2.5	2.4	2.2	13.1	15	- 0.4	6,7	13.5	5.2
10.5	7.9	6.7	5.8	5.7	5.7	5.6	5.5	4.5	13.3	14	0.9	7,8	12.4	6.3
9.8	8.5	6.1	4.2	2.8	3.4	3.7	4.0	3.5	12.1	14	0.0	6	12.1	4.9
11.6	10.1	8.7	7.8	7.3	6.9	6.7	6.6	6.3	12.5		3.5		9.0	7.8

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	6.8	7.2	7.2	7.2	7.4	7.4	7.6	8.3	8.5	9.0	9.5	9.0	10.0	10.8	10.5
2	11.0	11.5	11.5	11.5	12.0	10.5	10.0	9.0	8.0	8.0	7.8	7.2	6.8	6.7	6.2
3	5.0	5.4	5.4	5.4	5.4	5.2	5.4	5.5	5.6	5.8	5.8	6.4	6.4	6.9	6.4
4	5.8	5.6	5.2	5.4	5.8	5.6	5.6	6.6	6.8	7.2	7.2	7.6	8.0	7.9	7.6
5	5.0	4.8	4.6	5.2	5.2	4.6	4.6	5.4	6.8	7.6	7.8	7.6	7.0	8.1	7.0
6	6.0	6.4	7.2	7.2	7.2	7.2	7.0	6.9	7.4	7.8	8.5	9.0	8.5	8.6	8.5
7	8.5	8.5	8.5	9.0	9.0	9.0	8.5	8.9	8.5	8.0	8.0	7.8	7.8	7.7	7.6
8	5.4	5.4	5.6	5.6	5.6	5.4	5.0	4.8	5.0	4.8	4.4	4.6	4.0	4.1	4.2
9	3.6	3.6	3.6	3.4	3.4	3.4	3.2	3.6	3.8	4.2	4.2	3.6	3.4	3.7	4.0
10	4.4	4.4	4.2	4.2	4.4	4.2	4.2	4.4	4.8	5.2	5.0	5.4	5.2	5.4	5.0
11	4.6	4.4	4.4	4.2	4.0	4.2	4.2	4.2	4.6	4.8	5.4	5.8	6.0	6.4	6.6
12	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.2	6.6	7.0	7.6	7.8	7.4	7.2	7.0
13	5.6	5.8	5.8	5.8	5.8	6.2	6.2	6.2	6.4	6.8	6.0	6.0	7.4	7.8	7.6
14	6.4	6.0	5.8	5.8	5.6	5.2	4.8	4.9	6.4	6.8	6.8	7.2	7.0	7.0	7.0
15	5.6	6.2	6.2	6.4	6.4	6.8	6.8	6.8	7.0	7.4	7.6	7.0	7.2	8.2	8.0
16	7.0	6.8	6.8	7.2	7.2	7.2	7.2	7.5	7.2	7.2	7.2	6.6	6.8	7.0	6.8
17	6.2	6.2	6.0	6.0	6.0	6.0	6.0	6.4	6.4	6.4	7.0	8.0	8.0	8.7	8.5
18	8.0	8.0	7.8	7.8	7.6	7.4	7.0	6.9	6.4	6.8	6.6	6.6	6.0	6.4	6.0
19	5.4	5.0	5.0	4.6	4.4	4.2	4.2	4.5	5.0	6.0	6.8	7.6	7.2	6.6	5.4
20	4.8	4.8	5.0	5.2	5.2	5.0	4.6	5.2	5.6	5.6	6.2	6.2	6.6	6.4	6.6
21	6.0	6.0	6.0	5.6	5.6	5.6	5.6	5.5	6.4	6.8	7.4	7.4	7.4	7.6	6.8
22	6.2	6.4	6.0	5.4	5.4	5.4	5.4	6.1	6.6	7.4	8.0	7.6	8.0	8.0	7.6
23	7.0	6.2	6.0	5.6	5.4	5.2	5.2	5.7	6.2	7.0	7.8	10.0	8.5	8.8	8.0
24	6.8	6.6	6.6	6.6	6.8	7.2	7.2	7.3	7.8	8.0	8.0	8.0	8.5	9.0	8.5
25	7.6	7.2	6.6	6.2	6.2	6.4	6.4	6.9	7.2	7.2	7.6	7.8	7.8	8.6	8.5
26	8.0	8.0	8.0	7.8	7.8	7.8	7.6	8.0	8.5	8.5	8.5	8.5	9.0	9.3	9.0
27	5.0	5.2	4.8	4.6	4.6	4.4	4.2	4.7	4.6	5.0	5.2	5.2	5.0	5.5	5.4
28	4.6	4.6	4.4	4.2	4.4	4.0	4.0	4.5	4.8	5.2	4.8	5.4	5.6	6.0	5.8
29	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.3	4.0	7.2	7.4	6.8	6.0	6.1	6.4
30	5.0	4.6	4.4	4.4	4.4	4.2	4.2	4.4	4.6	5.2	5.6	6.4	6.8	7.3	7.2
31															
Prom.	6.1	6.1	6.0	6.0	6.0	5.9	5.8	6.0	6.2	6.7	6.9	7.0	7.0	7.3	7.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
88	88	89	89	89	89	93	94	95	95	24	80	12	15	88
77	80	79	83	85	85	81	73	75	97	varios	73	23	24	88
60	71	77	83	88	87	90	89	88	90	22	60	15,16	30	77
64	83	86	89	89	89	89	91	93	94	varios	60	15	34	82
57	74	81	86	90	92	92	92	93	94	1,2	50	15	44	81
74	78	80	81	81	84	87	87	88	100	7	68	14,15	32	84
79	76	80	83	83	77	75	74	76	91	4,5,6	73	22-23	18	83
51	58	71	74	76	77	77	76	74	78	1,2	51	15,16	27	71
47	56	66	68	63	69	65	67	71	79	4,5	39	14	40	64
53	61	66	68	76	76	76	73	69	76	20,21,22	47	15-16	29	65
73	77	81	84	85	88	91	92	90	92	23	67	13-14	25	76
77	81	85	90	88	92	92	93	93	95	9,10	77	16	18	88
81	88	91	97	98	99	100	99	99	100	22	65	12	35	88
70	75	86	90	93	94	94	90	83	99	0	70	16	29	88
93	93	93	92	91	92	92	93	93	93	varios	70	12-13	23	89
95	96	95	95	94	94	94	94	94	99	6,7	83	13	16	94
93	93	91	91	90	85	83	81	82	96	12	81	23	15	92
65	73	79	83	83	79	79	83	86	86	24	58	14-15	28	77
52	66	80	85	90	93	95	95	93	98	10,11	47	15	51	84
70	77	80	81	85	89	85	86	91	96	8	59	14	37	81
65	76	85	90	91	92	91	93	92	99	5	59	15-16	40	85
61	69	84	92	94	96	99	99	99	99	22,23,24	59	14,15	40	85
66	82	87	91	94	94	94	85	89	100	varios	57	14-15	43	89
97	96	95	93	92	91	91	91	92	100	14	89	0	11	94
92	93	92	90	89	90	90	90	90	100	12	89	20	11	93
67	68	72	71	70	76	81	87	84	97	8	66	16-17	31	84
63	74	82	88	90	91	86	87	88	91	21	54	13	37	75
53	65	84	90	93	96	99	100	100	100	23,24	52	13,15	48	80
59	66	77	82	84	83	83	84	83	100	varios	52	15	48	81
75	82	92	97	97	99	100	99	99	100	22	66	12	34	86
71	78	83	86	87	88	88	88	88	94		64		30	83

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.5	10.5	10.5	10.5	11.0	10.5	11.0	11.0	11.0	11.0	varios	6.8	1	4.2	9.3
6.4	6.4	6.6	6.4	6.5	6.4	6.4	5.6	5.2	12.0	5	5.2	24	6.8	8.1
6.4	7.2	6.4	6.2	6.2	5.8	5.8	5.8	5.6	7.2	17	5.0	1	2.2	5.9
7.8	8.5	8.0	7.8	7.7	6.8	6.0	5.8	5.6	8.5	17	5.2	3	3.3	6.7
8.0	8.0	7.8	7.6	7.3	7.6	7.6	7.8	6.6	8.1	14	4.6	3,6,7	3.5	6.3
8.5	8.5	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	varios	6.0	1	3.0	8.0
7.0	6.8	6.6	6.6	6.5	6.0	5.4	5.4	5.6	9.0	4,5,6	5.4	22,23	3.6	7.5
4.2	4.2	4.4	4.4	4.6	4.4	4.2	4.2	3.8	5.6	3,4,5	3.8	24	1.8	4.7
4.2	4.4	4.6	4.4	4.3	4.4	4.2	4.6	4.6	4.6	18,23,24	3.2	7	1.4	3.9
5.2	5.4	5.2	5.2	5.5	5.4	5.4	4.8	4.4	5.5	20	4.2	varios	1.3	4.9
6.4	6.6	6.8	6.8	7.0	6.6	6.8	6.6	6.4	7.0	20	4.0	5	3.0	5.6
7.0	7.0	6.4	6.2	6.5	6.2	6.0	6.0	5.8	7.8	12	5.8	24	2.0	6.7
7.6	7.6	7.4	7.4	6.9	6.8	6.8	6.8	6.6	7.8	14	5.6	1	2.2	6.6
6.4	6.4	6.8	6.0	6.0	6.0	6.0	5.8	5.8	7.2	12	4.8	7	2.4	6.2
7.8	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.2	8.2	14	5.6	1	2.6	7.1
7.0	7.0	6.6	6.6	6.8	6.6	6.4	6.4	6.2	7.5	8	6.2	24	1.3	6.9
8.5	8.5	9.0	9.0	8.7	7.8	8.0	8.0	8.0	9.0	18,19	6.0	varios	3.0	7.4
6.4	7.4	7.0	6.8	6.3	5.6	5.6	5.6	5.8	8.0	1,2	5.6	21,22,23	2.4	6.7
5.8	6.2	5.8	5.6	5.5	5.2	5.2	5.0	5.0	7.6	12	4.2	6,7	3.4	5.5
6.4	6.4	6.0	6.4	6.5	6.2	6.0	6.2	6.4	6.6	13,15	4.6	7	2.0	5.8
7.2	7.4	7.4	7.2	7.4	7.4	7.4	7.0	7.0	7.6	14	5.5	8	2.1	6.7
8.0	7.6	7.8	7.4	7.2	7.2	7.4	7.4	7.4	8.0	varios	5.4	varios	2.6	7.0
9.0	9.0	8.0	7.8	7.6	6.6	6.2	6.4	6.8	10.0	12	5.2	6,7	4.8	7.1
8.5	8.5	8.0	8.5	8.6	8.5	8.5	8.0	8.0	9.0	14	6.6	2,3,4	2.4	7.8
8.5	8.0	8.0	7.6	7.8	7.6	7.0	8.0	7.0	8.6	14	6.2	4,5	2.4	7.4
8.0	7.0	6.4	6.0	5.5	5.4	5.4	5.2	5.0	9.3	14	5.0	24	4.3	7.4
5.8	6.0	6.0	5.6	5.6	5.2	4.8	4.8	4.6	6.0	17,18	4.2	7	1.8	5.1
5.8	5.6	5.8	5.8	5.4	5.2	5.2	5.2	5.2	6.0	14	4.0	6,7	2.0	5.1
5.8	5.6	5.6	5.2	5.8	5.6	5.6	5.4	5.2	7.4	11	4.0	9	3.4	5.5
6.4	6.8	6.4	6.0	5.4	5.6	5.8	5.8	5.6	7.3	14	4.2	6,7	3.1	5.5
7.0	7.1	6.9	6.8	6.7	6.5	6.4	6.4	6.2	7.9		5.1		2.8	6.5

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	S	9	S	12	S	12	S	12	S	12	S	12	S	10	S	10	SE	11	SE	16	E	18	E	20	E	19	E	17	E	22
2	E	23	E	24	E	24	E	23	E	20	NW	25	NW	29	NW	28	NW	30	NW	26	NW	24	NW	29	NW	30	NW	26	NW	22
3	NW	20	NW	22	NW	22	NW	22	NW	22	NW	18	NW	16	NW	16	W	23	W	21	W	24	W	26	W	25	W	23	W	14
4	W	5	W	3	W	4	W	7	W	9	W	7	W	5	W	4	SW	5	SW	5	SW	5	SW	2	SW	2	SW	2	SW	3
5	C	1	C	0	C	0	SW	5	SW	2	SW	2	SW	4	SW	2	SW	4	SW	5	S	2	SE	4	E	3	SE	2	C	1
6	E	2	E	4	E	4	NE	7	E	6	E	5	E	5	NE	7	NE	10	N	11	NW	16	NW	16	NW	16	NW	16	NW	11
7	NW	6	NW	4	W	4	W	2	SW	3	SW	6	SW	7	SE	6	SE	10	SE	12	SE	11	SE	12	SE	11	SE	10	SE	10
8	S	6	SW	5	SW	7	SW	11	SW	11	SW	10	SW	11	SW	9	SW	9	SW	10	SW	14	SW	12	SW	15	SW	13	SW	12
9	W	7	W	7	W	6	W	7	W	11	W	12	W	16	W	11	W	14	W	16	W	20	W	24	W	24	W	18	W	23
10	W	28	W	27	W	24	W	26	W	26	W	26	W	23	W	24	W	27	W	24	W	26	W	27	W	25	W	22	W	22
11	W	14	W	12	W	14	W	11	W	13	W	14	W	12	W	12	W	15	SW	14	SW	15	SW	17	SW	16	SW	17	SW	14
12	SW	6	SW	7	SW	4	SW	5	W	2	SW	3	S	4	C	1	S	3	SE	2	E	4	NE	4	C	1	E	4	E	4
13	C	1	C	1	SE	2	SE	2	E	3	SE	3	SE	3	C	1	E	3	E	6	E	4	E	4	E	4	E	4	E	4
14	C	1	SW	2	SW	4	S	2	C	1	S	2	SW	2	C	1	S	4	S	3	S	4	SW	6	SW	6	SW	7	S	5
15	S	4	S	3	C	1	S	2	S	2	S	2	S	2	SE	3	SE	2	SE	3	E	7	E	15	E	14	E	9	E	8
16	SE	6	SE	6	SE	5	SE	5	SE	5	SE	6	SE	9	SE	6	SE	9	SE	8	SE	8	SE	8	SE	8	SE	6	SW	6
17	SW	17	SW	16	SW	17	SW	18	SW	20	SW	22	SW	22	SW	24	SW	23	SW	25	SW	21	SW	21	SW	19	SW	20	S	18
18	S	19	S	18	S	20	S	18	S	17	S	19	S	16	S	15	S	15	S	18	S	19	S	17	S	15	S	12	S	13
19	S	4	SW	7	SW	5	SW	5	SW	4	C	1	W	6	W	3	W	3	W	3	W	4	W	5	W	9	W	8	W	8
20	W	8	W	8	NW	10	NW	10	NW	13	NW	7	NW	4	NW	3	NW	7	NW	9	NW	13	NW	18	NW	19	NW	21	NW	14
21	N	15	N	11	N	10	N	9	N	10	N	13	N	12	N	11	NW	20	NW	23	NW	24	NW	27	NW	22	NW	20	NW	19
22	N	9	N	7	N	3	N	4	N	10	N	8	N	7	N	9	NW	12	NW	12	NW	14	NW	13	NW	12	NW	11	NW	10
23	NW	5	W	5	SW	5	C	0	SW	3	SW	4	C	0	C	1	SE	3	SE	5	E	2	E	3	S	2	SE	3	SE	3
24	E	3	SE	5	SE	7	SE	6	SE	6	SE	7	SE	6	SE	5	SE	10	SE	10	SE	8	SE	6	SE	4	SE	5	SE	5
25	SW	7	SW	5	SW	2	SW	7	SW	8	SW	5	W	4	W	6	W	6	W	9	NW	10	NW	12	NW	13	NW	17	NW	17
26	N	17	N	20	N	14	NE	11	NE	12	NE	15	NE	15	NE	12	NW	15	NW	14	NW	15	W	11	W	7	SW	7	SW	7
27	SW	4	SW	8	SW	11	SW	9	SW	6	SW	4	SW	4	SW	4	SW	6	SW	3	N	4	NW	8	W	7	W	11	W	11
28	SW	4	SW	6	SW	4	SW	4	SW	2	W	3	SW	4	SW	3	SW	3	SW	5	SW	5	SW	5	SW	6	SW	6	SW	5
29	W	3	W	5	NW	8	NW	7	W	5	NW	7	NW	11	NW	11	W	10	W	13	W	12	W	14	W	13	W	8	W	10
30	W	2	W	2	C	1	C	1	W	3	W	3	W	3	C	1	C	1	SE	3	E	5	SE	3	SE	5	E	3	E	5
31																														
DIR. PREV.	W		W-SW		SW		SW		SW		SW		W-SW		W		W		SE		NW		NW		W		SW		W-SW-NW	
Nº de HORAS	7		8		9		8		9		8		7		7		7		8		7		7		7		7		6	
PROM. HOR. DE LA VELOC.		8		9		8		9		9		9		9		8		10		11		12		13		12		12		11

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
E	24	E	24	E	23	E	24	E	22	E	20	E	24	E	22	E	21	E	14	17	44	E	18.48
NW	20	NW	17	NW	17	NW	14	NW	14	NW	19	NW	19	NW	24	NW	25	NW	19	23	60	NW	7.36
W	11	W	6	W	4	W	2	NW	2	NW	5	NW	4	NW	7	NW	8	NW	13	15	40	NW	4.40
SW	2	C	0	C	0	C	1	C	0	C	0	C	0	C	0	C	1	C-W-NW	8	3	12	W	4.44
C	1	C	1	E	2	NE	2	NE	3	NE	3	NE	4	E	8	E	2	SW	7	3	12	SW	3.18
NW	7	NW	6	NE	5	NE	5	NE	8	NE	6	NE	4	NW	5	NW	3	NW	9	8	28	NW	11.32
SE	10	SE	10	SE	10	SW	11	S	8	SE	9	S	10	SE	10	S	5	SE	13	8	30	SE	22.20
SW	11	SW	7	W	4	W	7	W	7	W	7	W	6	W	7	W	7	SW	16	9	28	SW	11.44
W	26	W	21	W	16	W	13	W	19	W	21	W	25	W	27	W	25	W	24	17	56	W	13.55
W	19	W	16	W	14	W	15	W	10	W	10	W	14	W	13	W	16	W	24	21	50	W	12.30
SW	13	SW	12	SW	7	W	6	W	7	W	6	W	5	W	6	W	6	W	15	12	36	SW	12.45
E	2	E	3	C	1	C	1	E	2	E	2	E	3	E	4	E	3	E	10	3	12	SW	0.32
E	2	C	0	C	0	C	0	C	0	C	1	C	1	C	1	SE	3	C	10	2	9	E	10.14
S	4	S	3	C	1	C	0	C	0	S	2	S	2	C	1	S	2	S	11	3	16	S	12.24
SE	7	SE	8	SE	7	SE	6	SE	7	SE	6	SE	7	SE	7	SE	7	SE	12	6	27	E	11.52
SW	6	SW	9	SW	10	SW	10	SW	10	SW	12	SW	13	SW	12	SW	16	SE	14	9	28	SW	23.29
S	17	S	25	S	22	S	21	S	23	S	22	S	22	S	20	S	21	SW	14	21	56	S	21.44
S	11	SW	10	SW	9	SW	7	SW	7	SW	9	S	6	S	5	S	6	S	19	13	48	S	3.52
W	8	W	4	W	4	W	4	C	1	W	4	W	5	W	8	W	8	W	17	5	16	W	14.40
NW	12	N	11	N	12	N	12	N	10	N	8	N	13	N	15	N	9	NW	13	11	30	NW	13.04
NW	16	N	13	N	10	N	9	N	12	N	11	N	15	N	11	N	9	N	16	15	42	NW	11.08
NW	8	NW	7	NW	4	N	5	N	5	NW	8	NW	7	NW	9	NW	5	NW	14	8	23	NW	10.34
SE	4	E	3	E	5	E	5	E	4	E	4	E	7	E	8	E	7	E	10	4	10	SW	2.44
SW	6	SW	7	SW	6	S	6	S	5	SW	9	SW	6	SW	7	SW	5	SE	14	6	20	SE	10.04
N	17	N	20	N	19	N	12	NE	13	NE	14	NE	20	NE	20	NE	18	SW	6	12	34	NE	21.32
SW	7	SW	7	SW	6	SW	8	SW	7	SW	5	SW	4	SW	5	SW	4	SW	11	10	33	N	1.05
W	9	W	6	W	5	W	4	W	4	SW	2	SW	5	SW	4	W	5	SW	13	6	19	W	13.40
SW	4	W	3	W	2	W	2	W	3	C	1	W	4	W	6	W	3	SW	15	4	13	SW	13.28
W	9	NW	7	NW	7	NW	9	NW	11	NW	11	NW	8	W	8	W	4	W	13	9	22	W	9.52
E	5	E	4	E	2	E	2	E	2	E	3	E	5	E	6	E	3	E	12	3	10	E	10.16
SW		W-SW		W		W		W		W-SW		W		W		W		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		60 Km.		
7		6		7		8		6		5		6		7		8					DIREC.	DIA	HORA
	10		9		8		7		8		8		9		10		8	W	154	10	E NW W	1 3 9	de 18.44 a 18.49 de 11.55 a 12.00 de 13.55 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					14	300	2	27	8	89								416
2					5	114									19	438		552
3													11	179	13	184		363
4											8	26	8	44			8	72
5			4	12	4	15	2	6	1	2	7	24					6	63
6	1	11	8	52	6	26									9	96		185
7							13	131	3	23	4	27	2	6	2	10		197
8									1	6	16	167	7	45				218
9													24	409				409
10													24	504				504
11											9	125	15	153				278
12			1	4	10	31	1	2	2	7	5	25	1	2			4	75
13					9	34	5	13									10	53
14									11	33	6	27					7	65
15					5	53	12	70	6	15							1	139
16							14	95			10	104						199
17									10	211	14	285						496
18									19	279	5	42						321
19									1	4	4	21	17	94			2	121
20	8	90											3	19	13	157		266
21	16	181													8	171		352
22	10	67													14	132		199
23					10	48	5	18	1	2	3	12	1	5	1	5	3	91
24					1	3	14	90	2	11	7	46						150
25	4	68	5	85							6	34	4	25	5	69		281
26	3	51	5	65							11	67	2	18	3	44		245
27	1	4									13	70	9	62	1	8		144
28											15	66	8	26			1	93
29													13	114	11	97		211
30					12	45	3	11					5	13			4	73
31																		
SUMAS	43	472	23	218	76	669	71	463	65	682	143	1168	154	1718	99	1411	46	6831
% PREVAL POR VELOCIDAD	6.9		3.2		9.8		6.8		10.0		17.1		25.2		20.6		0.4	VELOCIDAD MEDIA DIARIA EN EL MES 228
VELOCIDAD MEDIA POR DIRECCIÓN	11		10		9		6		10		8		11		14		0.6	

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3		3	1	5	5	7	3	3
1 - 2	3		2	2	3	8	8	2	2
2 - 3	3		2	3	2	9	5	3	3
3 - 4	2	2	1	3	4	8	5	3	2
4 - 5	2	1	3	2	3	9	7	2	1
5 - 6	2	1	1	3	4	8	6	4	1
6 - 7	2	1	1	3	4	7	7	4	1
7 - 8	2	2		4	2	5	7	3	5
8 - 9		1	1	6	3	6	7	5	1
9 - 10	1		1	8	2	7	6	5	
10 - 11	1		6	3	3	5	5	7	
11 - 12		1	4	5	1	6	6	7	
12 - 13			4	4	2	6	7	6	1
13 - 14			5	5	1	7	6	6	
14 - 15			5	3	3	6	6	6	1
15 - 16	1		4	3	3	7	6	5	1
16 - 17	3		4	2	2	6	6	4	3
17 - 18	3	1	4	2	1	5	7	3	4
18 - 19	4	2	3	1	2	4	8	2	4
19 - 20	3	3	4	1	3	3	6	3	4
20 - 21	2	3	4	2	2	5	5	4	3
21 - 22	2	3	4	1	4	4	6	4	2
22 - 23	2	1	5	2	2	4	7	4	3
23 - 24	2	1	5	2	4	3	8	4	1
SUMAS	43	23	76	71	65	143	154	99	46
% de frec. por dirección	6.0	3.2	10.6	9.9	9.0	19.8	21.4	13.7	6.4

NUBES. VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	5	Z.
	10				8	0	5	Z.
	12				8	0	5	Z.
	14				8	0	5	Z.
	15				8	0	5	Z.
2	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	5	Am.
	14				8	0	5	Am.
	15				8	0	5	Am.
3	9	25.1	10.9	1.15	1	5	5	
	10	27.5	12.7	1.20	2	5	5	
	12	33.4	16.3	1.39	3	5	5	
	14	28.0	15.7	1.00	5	5	5	
	15	30.6	16.5	1.15	3	5	5	
4	9	28.2	13.5	1.20	4	5	5	
	10	32.7	15.4	1.41	6	5	5	
	12	36.2	20.0	1.32	6	5	5	
	14	23.6	16.6	0.57	6	5	5	
	15	29.4	18.0	0.93	7	5	5	
5	9	27.0	13.0	1.14	1	5	5	
	10	32.5	16.3	1.32	1	5	5	
	12	36.7	22.3	1.17	0	5	5	
	14	33.5	20.2	1.08	0	5	5	
	15	32.3	19.1	1.07	0	5	5	
6	9	21.5	12.5	0.73	7	5	5	
	10	30.2	16.0	1.15	5	5	5	
	12	31.3	18.5	1.04	7	3	5	
	14	22.0	16.5	0.45	7	2	5	
	15	18.0	15.5	0.20	8	0	5	
7	9				8	0	5	Z.
	10				8	0	5	Z.
	12				8	0	5	Am.
	14				8	0	5	Am.
	15				8	0	5	Am.
8	9	10.0	6.7	0.27	8	0	5	
	10	12.5	7.0	0.45	7	1	5	
	12	31.6	13.8	1.45	5	5	5	
	14	12.5	8.5	0.32	5	2	5	
	15	19.0	10.7	0.67	6	2	5	
9	9	21.5	10.7	0.88	0	5	5	
	10	26.4	12.8	1.10	0	5	5	
	12	27.0	15.2	0.96	0	5	5	
	14	26.5	14.1	1.01	0	5	5	
	15	27.1	13.4	1.11	0	5	5	
10	9	24.6	10.5	1.15	0	5	5	
	10	28.8	13.0	1.28	0	5	5	
	12	31.5	15.5	1.30	0	5	5	
	14	31.2	15.8	1.25	0	5	5	
	15	28.2	14.7	1.10	0	5	5	
11	9	23.5	9.0	1.18	2	5	5	
	10	27.5	11.5	1.30	2	5	5	
	12	30.2	15.0	1.24	3	5	5	
	14	25.3	14.0	0.92	5	3	5	
	15	15.6	11.5	0.33	7	1	5	
12	9	12.7	8.2	0.36	8	0	3	Ne.
	10	24.3	11.5	1.04	8	1	3	Ne.
	12	18.0	11.8	0.50	7	1	3	Ne.
	14	12.8	10.5	0.19	8	0	2	Ne.
	15	12.6	10.5	0.17	8	0	2	
13	9	16.6	10.5	0.50	5	1	2	Ne.
	10	26.5	14.0	1.02	6	5	4	Ne.
	12	14.5	11.6	0.24	8	0	4	Ne.
	14	10.5	10.0	0.04	8	0	3	Ne.
	15	12.6	10.6	0.16	8	0	3	Ne.
14	9	22.8	9.5	1.08	4	5	3	Ne.
	10	15.0	9.0	0.49	6	1	3	Ne.
	12	34.4	16.5	1.46	7	3	4	Ne.
	14	21.6	13.4	0.67	7	5	5	
	15	29.6	15.2	1.17	5	5	5	
15	9				8	0	4	Z.
	10				8	0	4	Z.
	12				8	0	3	Z.
	14				8	0	2	Z.
	15				8	0	2	LL.
16	9				8	0	2	Am.
	10				8	0	4	Am.
	12				8	0	4	Am.
	14				8	0	5	Z.
	15				8	0	5	Z.
17	9				8	0	3	LL.
	10				8	0	3	LL.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
18	9	17.2	11.0	0.50	6	1	5	
	10	19.5	11.7	0.63	6	1	5	
	12	28.0	14.5	1.10	6	4	5	
	14	32.8	16.8	1.30	5	5	5	
	15	28.5	15.5	1.06	4	5	5	
19	9	10.0	9.0	0.08	0	0	0	N.
	10	16.6	8.0	0.70	0	0	0	N.
	12	32.5	15.0	1.42	1	5	5	
	14	32.8	17.0	1.28	0	5	5	
	15	29.0	15.4	1.10	0	5	5	
20	9	23.9	9.4	1.18	6	5	4	N.
	10	28.3	12.1	1.32	6	5	4	N.
	12	30.5	15.5	1.22	7	3	4	N.
	14	24.3	14.5	0.80	8	1	4	N.
	15	19.5	13.0	0.53	8	1	5	
21	9	23.9	10.0	1.13	0	5	5	
	10	28.8	13.5	1.24	0	5	4	N.
	12	32.5	16.6	1.29	0	5	4	N.
	14	21.8	17.4	1.17	0	5	5	
	15	29.8	16.7	1.06	0	5	5	
22	9	21.0	11.0	0.81	5	4	5	
	10	24.0	12.7	0.92	4	5	5	
	12	34.3	18.4	1.29	1	5	5	
	14	34.0	19.5	1.18	0	5	5	
	15	31.1	18.5	1.02	0	5	5	
23	9	13.5	6.9	0.54	0	2	2	N.
	10	20.5	9.8	0.87	0	4	2	N.
	12	35.6	18.8	1.36	3	5	3	Ne.
	14	35.3	20.0	1.24	2	5	4	B.
	15	31.6	18.6	1.06	2	5	4	B.
24	9	14.6	10.5	0.33	2	0	1	N.
	10	13.4	11.0	0.20	2	0	1	N
	12				8	0	0	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
25	9				8	0	0	N.
	10				8	0	0	N.
	12				8	0	0	N.
	14	19.0	12.3	0.54	7	1	3	Ne.
	15	14.0	11.2	0.23	7	0	2	Ne.
26	9	10.5	9.6	0.07	8	0	2	
	10	13.4	11.2	0.18	8	0	2	
	12				8	0	5	Am.
	14	33.2	18.2	1.22	4	5	5	
	15	30.2	17.0	1.07	4	5	5	
27	9	19.5	8.0	0.93	3	5	5	
	10	28.0	12.0	1.30	2	5	5	
	12	31.8	14.8	1.38	2	5	5	
	14	23.0	13.0	0.81	5	5	5	
	15	24.6	13.4	0.91	4	5	5	
28	9	23.0	8.0	1.22	0	5	5	
	10	28.5	12.5	1.30	0	5	5	
	12	30.0	16.4	1.10	0	5	5	
	14	30.4	16.6	1.12	0	5	5	
	15	29.7	15.7	1.14	0	5	5	
29	9	23.2	8.7	1.18	0	5	5	
	10	28.2	12.4	1.28	0	5	5	
	12	32.4	16.0	1.33	1	5	5	
	14	32.6	15.7	1.37	2	5	5	
	15	30.4	16.3	1.15	4	5	5	
30	9	21.0	8.0	1.06	0	5	3	Ne.
	10	26.8	11.5	1.24	0	5	4	Ne.
	12	30.0	15.0	1.22	0	5	3	Ne.
	14	23.0	13.5	0.77	0	4	3	B.
	15	21.2	12.5	0.71	0	5	3	
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	9.9	00
2															0.0	9.9	00
3			0.2	0.6	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.4			8.1	9.9	82
4			0.2	1.0	1.0	0.8	0.9	0.7	0.3	0.5	0.4				5.8	9.9	59
5			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.2	9.9	83
6					0.9	1.0	1.0	1.0	0.6	0.2					4.7	9.9	48
7															0.0	9.8	00
8							0.9	0.3		0.2	0.9	0.3			2.6	9.8	26
9			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
10			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.6	9.8	88
11			0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2					6.5	9.8	66
12						0.5	0.6								1.1	9.8	11
13				0.1	0.6	0.5									1.2	9.8	12
14				0.7	0.9		0.2	1.0	0.6	0.6	0.5				4.5	9.8	46
15															0.0	9.8	00
16															0.0	9.8	00
17															0.0	9.8	00
18				0.5	0.5	0.2	0.5	1.0	1.0	1.0	1.0				5.7	9.8	58
19							0.8	1.0	1.0	1.0	1.0	0.3			5.1	9.8	52
20				0.9	1.0	1.0	1.0	1.0	0.4						5.3	9.8	54
21			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.5	9.8	87
22				0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			7.7	9.8	79
23					0.1	0.8	1.0	1.0	1.0	1.0	1.0				5.9	9.8	60
24															0.0	9.8	00
25									0.5						0.5	9.8	05
26				0.5			0.1	1.0	1.0	1.0	1.0	0.2			4.8	9.8	49
27			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.5	9.8	87
28				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.3	9.8	85
29			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.9	9.8	91
30			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8				7.9	9.8	81
31																	
Medias			0.1	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.1			4.6	9.8	47

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	12.6	13.3	13.8	12.4	12.8	13.4	11.4	11.6	11.8	12.4	12.3	12.5	16.0	16.0	15.9
2	14.6	13.6	13.6	13.9	13.4	12.9	12.2	11.8	11.6	12.6	12.4	12.6	15.9	15.9	15.9
3	11.4	12.4	12.2	11.6	12.0	12.2	10.4	10.6	11.2	11.8	11.6	11.8	15.6	15.4	15.4
4	10.3	12.7	12.6	10.6	11.7	12.1	10.3	10.4	10.8	11.6	11.3	11.5	15.2	15.1	15.0
5	10.4	12.6	12.3	10.7	11.6	12.0	10.2	10.2	10.8	11.3	11.2	11.5	15.0	14.9	14.8
6	10.6	12.6	13.0	10.9	11.9	12.4	10.0	10.0	10.8	11.0	11.0	11.4	14.7	14.6	14.7
7	13.0	13.0	12.5	12.5	12.5	12.2	11.0	11.1	11.0	11.6	11.6	11.6	14.9	14.9	14.9
8	11.2	11.4	10.8	11.2	11.2	10.8	10.4	10.2	10.1	11.4	11.1	11.0	14.9	14.7	14.6
9	9.0	10.0	9.8	7.3	9.6	9.8	9.1	8.6	9.2	10.4	9.8	9.8	14.3	14.0	14.0
10	8.4	10.0	6.0	8.6	9.5	9.8	8.4	8.4	8.8	9.4	9.4	9.8	11.5	13.4	13.4
11	8.4	9.8	10.2	8.7	9.4	9.9	8.0	8.0	8.7	9.2	9.0	9.5	13.2	11.1	13.1
12	10.0	11.0	10.8	9.5	10.4	10.2	8.8	8.8	9.2	9.6	9.6	9.8	13.2	13.2	13.2
13	9.6	10.4	10.6	9.4	10.2	10.3	8.4	8.4	9.1	9.2	9.4	9.7	13.2	13.1	13.2
14	8.8	10.4	10.0	9.2	9.8	10.0	8.4	8.2	8.4	9.4	9.0	9.0	13.0	13.0	12.8
15	9.8	10.6	10.4	9.6	10.1	10.2	8.4	8.6	8.6	9.2	9.2	9.2	12.9	12.9	12.6
16	10.0	10.2	10.2	9.6	10.0	10.0	8.4	8.4	8.5	9.2	8.2	9.2	12.8	12.6	12.6
17	9.4	9.6	10.1	9.2	9.3	9.8	8.0	8.2	8.4	9.0	9.1	9.0	12.6	12.7	12.5
18	10.4	11.0	10.8	10.1	10.4	10.4	8.8	8.9	9.1	9.2	9.4	9.5	12.6	12.7	12.7
19	8.6	10.2	9.8	8.9	9.5	9.8	8.2	8.0	8.6	9.2	8.6	9.1	12.7	12.7	12.5
20	8.0	10.0	9.8	8.2	9.2	9.4	7.6	7.8	8.0	8.4	8.5	8.4	12.4	12.4	12.2
21	8.4	10.2	10.2	8.4	9.2	9.6	7.6	7.8	8.2	8.6	8.4	8.6	12.2	12.1	12.0
22	8.8	10.9	10.6	8.6	9.6	10.0	7.6	7.9	8.6	8.6	8.6	8.8	12.0	12.1	12.0
23	8.8	10.6	10.7	8.7	9.6	10.2	7.6	7.8	8.6	8.4	8.4	8.8	12.0	12.4	12.0
24	9.7	9.6	10.2	9.4	9.4	9.8	8.3	8.0	8.1	9.0	8.6	8.7	12.3	12.1	12.1
25	9.4	10.0	10.4	9.2	9.5	9.9	7.8	7.8	8.4	8.4	8.4	8.9	12.0	12.0	12.0
26	10.2	11.2	11.1	9.5	11.0	10.5	8.2	8.4	8.8	8.6	8.6	9.3	12.1	12.2	12.1
27	9.0	10.2	9.8	9.0	9.5	9.6	8.2	7.8	8.3	9.0	8.4	8.8	12.3	12.2	12.1
28	7.6	9.6	9.2	8.0	8.5	9.0	7.4	7.5	7.8	8.4	8.3	8.6	12.0	12.0	11.9
29	7.4	9.4	9.2	7.4	8.4	8.8	7.0	7.0	7.4	8.0	8.0	8.0	11.6	11.6	11.5
30	7.5	8.8	8.6	7.6	8.2	8.5	7.0	6.6	7.5	8.0	7.4	7.8	11.5	11.5	11.5
31															
Prom.	9.7	10.8	10.6	9.6	10.2	10.4	8.8	8.8	9.2	9.7	9.5	9.7	13.2	13.2	13.2

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	41.9	44.0	41.2	-	2	0.4	0.3	0.1	0.6	Q. 26	22.7	22.2	23.4	24.3		11230
2	0.0	0.7	0.0	0.0	2	0.2	0.3	0.6	1.6							11473
3					2	0.7	1.0	0.5	1.6							11989
4					2	0.1	0.4	0.3	0.8							11990
5					2	0.1	0.4	0.5	1.1							12048
6					2	0.2	0.6	0.6	1.3	R. 1	22.9	25.1	26.8			12049
7	0.0	0.0	0.0	0.0	2	0.1	0.3	0.4	1.2							12043
8					2	0.5	0.6	0.5	1.5							12043
9					1	0.4	0.5	1.6	3.6							12043
10					1	1.5	1.4	0.8	3.0							12040
11					1	0.8	0.6	0.4	1.3	R. 2	22.3	23.3	25.8			12041
12					0	0.3	0.3	0.2	0.7							12041
13					0	0.2	0.2	0.2	0.5							12043
14					0	0.1	0.4	0.1	0.7							12043
15	16.7	17.4	-	16.8	0	0.2	0.2	0.2	0.6							12043
16	-	10.0	9.5	9.2	2	0.2	0.2	0.1	0.3	R. 3	24.6	21.2	25.3			12043
17	19.1	21.5	18.6	18.0	2	0.0	0.1	0.1	1.7							12043
18					2	1.5	0.9	0.6	1.7							11628
19					2	0.2	0.3	1.3	1.8							11923
20					2	0.2	0.7	0.6	1.6							11928
21					1	0.3	0.9	0.5	1.6	R. 4	23.1	22.3	24.8	22.1	18.9	11928
22					1	0.2	0.6	0.5	1.2							11930
23					1	0.1	0.6	0.5	1.2							11926
24	22.4	24.2	22.8	21.0	1	0.1	0.1	0.1	0.2							11925
25					1	0.0	0.2	0.1	0.4							11737
26	0.0	0.0	0.0	0.0	1	0.1	0.4	0.4	1.4	R. 5	22.1	21.6	25.2			11856
27					2	0.6	0.8	0.3	1.3							11862
28					2	0.2	0.5	0.5	1.1							11864
29					1	0.1	1.0	0.4	2.8							11865
30					1	1.4	0.2	0.1	0.7							11871
31																
Prom.	-	117.9	-	-	-	0.4	0.5	0.4	1.3	-	-	-	-	-	-	11916

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
15.0	14.8	14.0	17.0	17.0	17.0	19.4	19.6	8.5	Cn. m. t. y n., Z. m. t. y n., Ru. n.
14.7	14.5	14.4	16.4	16.3	16.3	18.5	17.8	11.5	Cn. m. y t., Ca. n., Ru.LL. m., Z. m. y t.
14.4	14.4	14.3	16.3	16.6	16.4	18.6	19.0	2.6	Ca. m. y n., Cn. t., r. n.
14.2	14.0	13.8	16.3	16.3	16.3	18.6	19.0	- 1.1	Ca. m., Cn. t. y n., r. m. y n., N. n.
13.7	13.3	13.4	16.2	16.1	16.1	18.7	19.2	- 0.6	Ca. m. y t, Cn. n, N. m. y n, Ne. m, B. t, Dl. n.
13.4	13.4	13.4	15.8	16.1	16.1	18.6	19.3	-	Cn. m. t. y n.
13.6	13.7	13.6	15.9	15.9	15.9	18.6	19.4	10.4	Cn. m. t. y n., Z. m. t. y n.(intermitente)
13.6	13.6	13.4	15.8	15.8	15.7	18.6	19.3	4.0	Cn. m. y t., Ca. n., r. n.
13.3	12.5	12.6	15.6	15.6	15.6	18.5	19.2	- 2.8	Ca. m. t. y n., h. m., r. n.
12.4	12.4	12.3	15.3	15.3	15.3	18.6	19.2	-	Ca. m. t. y n., r. m. y n.
12.0	12.2	12.1	14.9	15.2	15.3	18.5	19.3	- 1.2	Ca. m. y t., Cn. n.
12.2	12.2	12.3	15.0	14.9	14.9	18.4	19.2	2.9	Cn. m. y t, Ca. n, Ne. m. y t, r. m, N. n.
12.0	12.2	12.1	14.8	14.7	14.7	17.4	19.2	0.9	Cn. m. t. y n., N. m. y t., r. n.
12.0	11.9	11.9	14.5	14.7	14.7	18.3	19.2	- 1.5	Cn. m. y t., Ca. n., N. m.
11.8	11.8	11.6	14.7	14.5	14.3	18.2	19.2	- 0.1	Cn. m. t. y n., r. m., Z. m. y t., LL. t. y n.
11.6	11.6	11.6	14.5	14.3	14.3	18.1	19.1	7.0	Cn. m. t. y n., Z. t., LL. n.
11.5	11.7	11.3	14.2	13.7	13.5	18.0	19.0	6.0	Cn. m. t. y n., LL. m. t. y n.
11.4	11.4	11.4	14.0	14.1	14.0	17.7	18.0	-	Cn. m. y t., Ca. n., r. n.
11.4	11.5	11.4	13.9	14.2	13.8	17.6	18.4	-	Ca. m. t. y n., N. m., r. n.
11.4	11.3	11.2	13.7	13.6	13.6	17.5	18.1	- 0.6	Ca. m., Cn. t. y n., h. m., Ne. t.
11.2	11.2	11.0	13.5	13.6	13.5	17.4	18.2	- 1.2	Ca. m. t. y n., r. m. y t.
10.8	11.0	10.9	13.5	13.5	13.5	17.4	18.1	- 0.6	Cn. m., Ca. t. y n., r. m., Ns. n., N. n.
10.8	10.8	10.7	13.5	13.5	13.5	17.4	18.5	- 0.4	Ca. m. t. y n., N. m. y n., B.y N. t.
11.0	10.8	10.8	13.2	13.3	13.3	17.2	18.5	0.1	Cn. m. t. y n., N. m. y t., LL. t. y n.
10.5	10.6	10.5	13.2	13.2	13.2	17.0	18.0	0.2	Cn. m. y t., Ca. n., N. m., Ne. t.
10.5	10.7	10.6	13.2	13.2	13.2	17.0	18.4	5.2	Cn. m. y t., Ca. n., Z. m., r. n.
11.0	10.8	10.7	13.0	13.2	13.2	16.8	18.3	- 1.2	Cn. m. y t., Ca. n., r. n.
10.7	10.8	10.6	13.0	13.0	13.0	16.7	18.2	- 4.8	Ca. m. t. y n., h. m., r. n., N. n.
10.5	10.5	10.4	12.8	12.9	12.8	16.7	18.2	- 4.1	Ca. m. y t., Cn. n., h. m., r. n.
10.3	10.5	10.4	12.7	12.8	12.7	17.2	18.2	- 2.8	Ca. m. t. y n., N. m. y n., Ne. m., B. t.
12.1	12.1	12.0	14.6	14.6	14.5	17.9	18.7	1.4	

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	60.6	68.2	1	1	54.6	2	5-6	8.6	13.4	4.2	17.5	5	15	- 0.7	9	7	4.7	9.9	48
2ª	63.4	68.7	18	23	55.8	17	14	7.3	11.2	3.7	13.8	19	14	0.2	19	7	2.9	9.8	30
3ª	62.1	70.9	30	23-24	54.9	26	5,6	7.4	13.1	2.7	16.5	23	15	- 0.4	28	6,7	6.1	9.8	62
MES	62.1	70.9	30	23-24	54.6	2	5-6	7.8	12.5	3.5	17.5	5	15	- 0.7	9	7	4.6	9.8	47

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	78	100	6	39	9	6.5	12.0	3.2	W	16	60	varios	30	2	8-9 12-13	56	W	9	13.55	44.7	44 0	1	12.5	1	21-22
2ª	86	100	13	47	19	6.4	9.0	4.0	SW	12	48	17	25	17	9-10 16-17	56	S	17	21.44	49.0	21.5	17	3.0	15	17-18
3ª	85	100	varios	52	28,29	6.5	10.0	4.0	NW	12	48	varios	27	21	11-12	42	NW	21	11.08	24.2	24.2	24	5.0	24	17-18
MES	83	100	varios	39	9	6.5	12.0	3.2	W	11	60	varios	30	2	8-9 12-13	56	W S	9 17	13.55 21.44	117.9	44.0	1	12.5	1	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	-	1	2	-	-	-	2	3	-	-	-	-	-	5	2	2
2ª	4	-	2	4	-	-	-	3	1	-	-	-	-	-	2	-	-
3ª	3	2	2	4	1	-	-	1	1	-	-	-	-	-	1	-	-
MES	13	2	5	10	1	-	-	6	5	-	-	-	-	-	8	2	2

DÉCADA	FENOMENOS 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	-	-	-	-	2	4	1	-	-
2ª	4	1	-	-	-	-	-	-	-	-	-	1	5	-	-	-
3ª	5	2	-	-	-	-	-	-	-	-	-	6	2	1	-	-
MES	15	4	-	-	-	-	1	-	-	-	-	9	11	2	-	-

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

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

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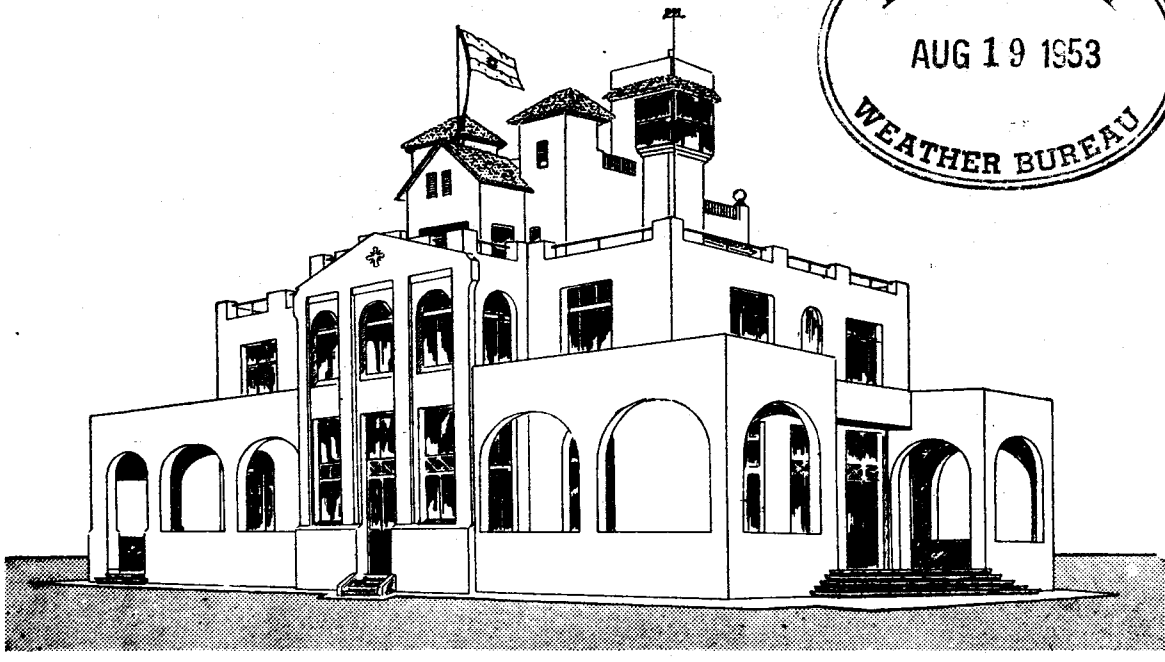


BOLETIN MENSUAL

VOLUMEN VII

AÑO 1952

JULIO · AGOSTO · SETIEMBRE

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII JULIO 1952 Nº 7

RESUMEN MENSUAL

Al comenzar el mes, el centro de un anticiclón se encuentra sobre la zona del Río de la Plata; alcanza entonces la presión su valor máximo con 773.2 mmHg. Se forma sin embargo una espesa zona nubosa que se mantiene durante los primeros 4 días del mes, lloviendo el 2 ininterrumpidamente. Recién por la tarde del 5, se registra el primer brillo solar del mes. Un aflujo de aire tropical hace subir luego la temperatura y humedad en forma excepcional de modo que el día 8, además de anotarse el máximo mensual de la temperatura con 24.3°C, el promedio diario de la misma es en 12.5°C superior al del día primero y en 7.0°C al término medio. En la noche del 10 un empuje de aire relativamente fresco, hace que la temperatura descienda a los valores que corresponden a la época del año.

En los primeros días de la segunda década sigue la influencia de aire frío; la temperatura en continuo ascenso hasta el 14, marca el valor mínimo de superficie -5.1°C. Por cambio del viento al sector N aumenta luego, aunque por poco tiempo, pues por la tarde del 17 el pasaje de un frente frío, restablece nuevamente las condiciones invernales. Al terminar la década, empeora el buen tiempo reinante con cielo cubierto y lluvias, debido a una depresión sobre el litoral, provocada por el giro del viento al E y al simultáneo avance de aire tropical hacia el S.

En la madrugada del 21 llega aire polar al Río de la Plata. El cielo se despeja en forma muy rápida, con brusco descenso de la temperatura. Hasta el 25 reina tiempo bueno y frío; la columna térmica se mantiene unos cinco grados por debajo de la normal. El día 23 la temperatura del aire marca su mínima mensual con -1.0°C y el 25, por la intensa irradiación nocturna, la mínima de la superficie la más baja del mes con -5.6°C. La tensión del vapor registra a su vez el valor mínimo mensual el 23 con 2.8 mmHg. Aire tropical avanza luego hacia el S y desde el 25 al 27, la temperatura y tensión aumentan en 10.0°C y 7.0 mmHg respectivamente. El 27 aumenta la nubosidad en forma pronunciada, llueve el 28 y la presión alcanza su valor mínimo mensual con 749.9 mmHg. Por la tarde de este mismo día llega un nuevo empuje de aire frío. Con el Observatorio entre esta zona frontal fría y otra tropical, termina el mes con cielo cubierto y ligeras lluvias.

En los promedios mensuales cabe consignar con respecto a los términos medios, un exceso de 50% en lluvias y 1.0°C en 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	83	368	159	357	310	226	588	322	259	304	350	-	-	226	272
2	-110	124	∞	193	28	69	145	291	226	226	124	∞	220	117	239
3	41	- 14	41	55	55	117	124	69	83	90	104	97	55	117	14
4	48	62	48	62	76	172	90	76	-	-	-	-	-	-	-
5	117	172	207	252	226	233	246	284	284	166	272	166	166	159	172
6	83	90	97	97	110	104	124	145	138	138	124	117	104	104	97
7	172	152	124	124	131	138	138	172	179	131	117	104	90	83	104
8	110	110	117	124	117	117	124	131	131	166	152	159	145	152	131
9	172	166	172	145	117	97	97	-	-	-	-	-	-	-	-
10	62	69	62	69	83	104	104	124	152	124	124	104	97	55	62
11	69	69	97	97	97	104	124	145	213	252	246	265	239	172	117
12	186	179	213	220	179	220	233	259	272	291	284	252	239	220	207
13	159	152	138	110	152	145	48	90	138	193	233	179	152	145	159
14	220	179	193	152	166	159	138	117	166	152	124	138	117	117	117
15	193	159	138	145	159	145	117	124	124	131	110	117	124	104	110
16	166	124	117	138	159	159	186	179	193	200	193	152	124	131	145
17	55	62	69	62	76	83	97	131	186	193	207	200	172	152	131
18	291	213	233	166	179	179	166	166	226	239	233	207	220	246	233
19	149	111	118	144	159	163	144	163	227	152	152	138	172	166	152
20	41	41	28	48	41	69	62	90	138	83	62	55	55	41	62
21	138	152	172	152	131	138	124	138	186	193	200	186	172	159	159
22	62	69	62	62	69	76	90	97	83	90	104	104	90	97	90
23	110	117	117	124	152	179	207	246	166	152	138	97	104	152	152
24	124	172	207	166	166	172	166	138	117	138	138	145	124	117	124
25	97	97	131	117	145	104	179	166	159	322	233	193	186	233	239
26	55	55	62	83	97	110	179	233	220	186	152	200	172	207	233
27	55	69	76	34	48	48	55	104	152	172	193	186	176	131	110
28	69	69	69	69	69	62	62	62	-	-	-	-	-	-	-
29	14	28	34	69	41	55	34	48	83	104	110	83	69	48	83
30	69	83	69	41	21	62	104	186	259	278	246	284	304	297	± ∞
31	131	138	131	90	131	- 55	76	145	41	152	48	97	69	62	69
Prom.	122.1	118.2	126.5	123.0	129.2	133.4	137.4	154.5	172.5	176.6	174.5	158.7	147.9	143.2	142.1

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.41	0.37	1.18	1.11	409	222	631	1.84	0.70	1.16
2	0.66	0.78	1.44	0.85	566	786	1352	0.72	0.81	0.69
3	1.31	1.29	2.60	1.01	929	502	1431	1.85	0.99	1.80
4	0.88	0.70	1.58	1.26	643	289	932	2.22	0.96	1.69
5	0.80	0.63	1.43	1.27	525	269	794	1.95	1.06	1.69
6	1.07	0.86	1.93	1.25	714	397	1111	1.80	1.05	1.52
7	0.88	0.67	1.55	1.31	589	280	869	2.10	1.04	1.67
8	1.09	0.90	1.99	1.21	621	380	1001	1.63	1.23	1.65
9	1.12	0.94	2.06	1.19	549	359	908	1.53	1.42	1.82
10	1.14	0.93	2.07	1.13	976	573	1549	1.70	0.82	1.13
11	0.82	0.65	1.47	1.26	721	332	1053	2.17	0.79	1.37
12	0.61	0.40	1.01	1.52	541	171	712	3.17	0.79	1.63
13	0.79	0.55	1.34	1.44	700	284	984	2.47	0.79	1.35
14	0.90	0.72	1.62	1.25	902	464	1366	1.94	0.70	1.08
15	1.05	0.91	1.96	1.15	966	590	1556	1.64	1.09	1.07
16	0.98	0.76	1.74	1.29	710	416	1126	1.70	0.97	1.27
17	1.18	0.95	2.13	1.25	1054	592	1646	1.78	0.78	1.12
18	0.73	0.50	1.23	1.45	404	292	696	1.38	1.26	1.20
19	0.98	0.92	1.90	1.07	882	646	1528	1.38	0.78	1.00
20	1.64	1.64	3.28	1.00	1169	846	2015	1.38	0.98	1.35
21	1.43	1.25	2.68	1.14	1456	932	2388	1.56	0.69	0.94
22	1.40	1.37	2.77	1.02	1458	994	2452	1.47	0.67	0.96
23	1.11	0.94	2.05	1.18	838	642	1480	1.30	0.93	1.02
24	0.98	0.75	1.73	1.30	496	353	849	1.40	1.38	1.48
25	0.74	0.56	1.30	1.32	332	247	579	1.34	1.56	1.58
26	0.88	0.67	1.55	1.31	266	546	812	0.41	1.62	0.86
27	1.07	0.91	1.98	1.17	233	438	671	0.53	3.19	1.32
28	1.30	1.23	2.53	1.06	383	749	1132	0.51	2.37	1.15
29	1.55	1.45	3.00	1.07	413	586	999	0.70	2.62	1.73
30	0.85	0.76	1.61	1.11	166	176	342	0.94	3.58	3.02
31	1.24	1.17	2.41	1.06	336	482	818	0.70	2.59	1.70
Prom.	1.02	0.88	1.90	1.16	665	620	1285	1.07	1.07	0.99

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
284	322	284	284	304	246	226	172	104		802	-188	990	2*
48	28	- 48	- 55	- 28	- 14	28	41	- 14		∞	-886	-	3*
83	69	83	83	83	69	41	41	49		431	-533	964	2
138	252	172	145	138	124	97	110	110		357	14	343	0*
152	179	220	200	124	104	83	83	83	181.2	374	- 41	415	1
131	152	179	186	193	186	193	220	213	138.5	265	62	203	0
145	145	179	179	166	145	124	117	110	136.2	272	00	272	0
179	179	193	207	179	179	166	166	166	150.0	233	21	212	0
-	-	-	-	-	-	-	-	90		233	69	164	0*
124	131	138	131	131	124	83	69	69	99.8	246	14	232	0
145	145	124	193	213	207	252	179	193	164.9	345	34	311	0
193	207	233	246	252	239	239	220	159	226.7	345	69	276	0
166	179	220	259	239	220	233	233	233	174.0	310	-124	434	1
117	166	207	186	138	166	179	193	193	158.3	265	69	196	0
117	166	172	172	179	186	179	233	179	149.3	252	83	169	0
159	166	200	246	233	193	200	152	83	166.6	297	62	235	0
117	117	172	226	246	246	272	316	259	160.3	380	48	332	0
272	385	368	172	159	110	173	195	195	217.8	477	76	401	0
131	145	207	172	152	83	69	48	48	140.2	310	21	289	0
- 28	- 41	- 28	117	138	145	166	138	124		483	-486	969	2
172	166	166	166	152	152	145	131	131	157.5	207	110	97	0
90	104	124	124	138	124	104	97	90	93.3	152	41	111	0
179	207	316	347	284	310	239	259	259	192.2	553	83	470	0
124	90	200	246	265	200	152	97	69	152.4	333	00	333	0
272	322	259	259	226	166	138	124	124	187.1	402	69	333	0
207	239	252	246	226	159	117	97	131	163.2	380	34	346	0
131	166	166	138	138	97	83	76	69	111.4	316	-253	569	1
-	-	-	-	-	-110	- 62	- 55	28		∞	- ∞	-	3*
69	104	117	146	284	252	220	166	55	96.5	345	- 21	366	1
± ∞	333	272	193	233	207	110	110	97		∞	- ∞	-	3*
62	97	110	104	97	69	62	41	48		582	-871	1453	2
154.2	175.4	200.5	202.1	196.2	174.9	165.6	157.8	141.4	155.3				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S. por cm²	NÚCLEOS AITKEN por cm³
N^+	N^-	$N^+ + N^-$	N^+ / N^-		
23363	20739	44102	1.13	-	47,000
13451	12334	25785	1.09	-	105,500
6171	4709	10880	1.29	-	3,500
-	-	-	-	-	17,500
9860	9405	19265	1.05	8.65	27,500
6113	6217	12330	0.99	8.90	18,750
6643	8518	15161	0.78	7.04	22,500
4252	7121	11373	0.60	9.97	12,750
3507	4768	8275	0.73	-	89,150
2690	4186	6876	0.55	6.89	-
-	-	-	-	8.08	58,750
-	-	-	-	7.63	81,250
-	-	-	-	7.78	47,250
-	-	-	-	8.55	18,250
-	-	-	-	9.76	6,000
-	-	-	-	9.65	18,250
-	-	-	-	11.40	39,000
18645	18645	37290	1.00	8.92	44,250
4979	5386	10365	0.89	8.88	90,750
-	-	-	-	-	13,000
3639	4139	7778	0.89	14.05	15,500
3509	3410	6919	1.02	8.60	21,000
6746	5136	11882	1.31	13.00	33,500
7476	6431	13907	1.16	8.72	17,000
2591	12075	24666	1.04	8.12	-
1139	9563	20602	1.16	8.43	90,000
7665	6542	14207	1.17	7.35	22,500
7346	6329	13675	1.16	-	27,750
3018	2992	6010	1.00	9.65	15,250
9532	9119	18651	1.04	-	28,250
5106	4282	9388	1.19	-	-
8178	7740	15918	1.06	9.09	39,679

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	0.24	0.26	0.19	0.31	0.31	0.30	0.33	0.33	0.31	0.31	0.36	0.56
2	0.66	1.06	0.52	0.88	0.88	1.23	0.86	0.60	0.44	0.39	0.52	0.52
3	1.39	1.10	1.05	1.20	1.16	1.25	0.97	1.09	1.18	1.18	1.57	1.51
4	1.26	1.24	1.31	1.27	0.67	1.26	-	1.51	0.95	0.77	0.66	0.74
5	0.57	-	-	-	-	-	-	-	0.58	0.57	0.58	0.56
6	1.12	1.25	1.13	0.92	1.11	1.23	1.13	1.04	1.04	1.10	1.04	1.10
7	-	-	-	-	-	-	-	0.50	0.65	0.91	0.97	0.99
8	0.97	1.11	1.15	1.03	1.11	0.98	1.04	0.94	0.90	0.91	1.01	1.14
9	1.12	1.05	1.18	1.22	1.15	1.17	1.13	1.07	0.94	1.02	1.07	1.09
10	1.19	1.27	1.32	1.18	1.16	1.01	1.07	0.82	0.60	0.81	0.94	1.14
11	1.53	1.66	1.33	1.31	1.22	1.33	1.36	1.32	0.69	0.55	0.55	0.55
12	0.47	0.63	0.50	0.55	0.60	0.60	0.60	0.54	0.37	0.44	0.46	0.53
13	0.84	0.90	0.99	0.98	0.93	0.88	0.92	0.87	0.65	0.71	0.77	0.82
14	0.54	0.54	0.53	0.54	0.67	0.66	0.61	0.81	0.91	1.11	1.22	1.08
15	0.66	0.82	1.00	0.97	0.99	1.10	1.23	1.14	1.13	1.27	1.32	1.16
16	0.94	1.05	1.07	1.06	0.84	0.93	0.86	0.86	0.79	0.66	0.91	1.02
17	1.79	1.84	1.82	1.92	1.67	1.57	1.67	1.36	0.92	0.84	0.99	0.84
18	0.33	0.56	0.45	0.53	0.53	0.54	0.68	0.57	0.47	0.47	0.56	0.81
19	1.10	1.38	1.22	1.12	1.16	0.99	0.99	0.92	0.84	0.85	0.75	0.68
20	1.64	1.81	1.97	1.77	1.43	1.81	1.75	1.53	1.10	1.31	1.64	1.70
21	1.62	1.55	1.35	1.52	1.46	1.31	1.81	1.70	1.28	1.36	1.24	1.21
22	1.44	1.55	1.55	1.48	1.37	1.59	1.46	1.36	1.43	1.42	1.43	1.26
23	1.33	1.45	1.53	1.36	1.48	1.24	1.19	1.05	0.79	1.06	1.06	1.26
24	0.99	0.94	0.87	0.94	0.91	0.86	0.79	0.92	0.91	0.93	1.11	1.29
25	1.06	1.11	1.07	0.89	0.76	0.51	0.53	0.47	0.37	0.37	0.69	0.81
26	1.46	1.53	1.36	1.32	1.30	1.21	0.80	0.62	0.56	0.82	0.74	0.73
27	1.37	1.41	1.33	1.51	1.28	1.27	1.18	1.23	0.98	0.84	0.85	0.90
28	1.12	1.21	1.19	1.24	1.25	1.19	1.38	1.19	1.18	1.29	0.66	1.02
29	1.99	2.04	1.92	2.06	1.96	2.06	1.89	1.74	1.55	1.48	1.41	1.35
30	1.32	1.21	1.02	1.03	1.11	1.34	1.30	1.01	0.69	0.96	0.84	0.70
31	0.84	0.92	0.86	1.31	1.08	0.83	0.69	1.27	-	1.04	1.02	0.87
Promedio	1.10	1.19	1.13	1.15	1.09	1.11	1.08	1.01	0.84	0.90	0.93	0.96

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	0.23	0.25	0.40	0.29	0.29	0.29	0.25	0.27	0.31	0.29	0.31	0.46
2	1.02	0.79	0.53	0.72	1.28	1.10	0.83	0.46	0.38	0.36	0.47	0.56
3	1.52	1.15	1.26	1.31	1.41	1.16	0.86	1.14	1.20	1.37	1.57	1.46
4	1.27	1.47	0.98	0.90	0.69	0.78	-	1.06	0.60	0.53	0.44	0.60
5	0.47	-	-	-	-	-	-	-	0.42	0.42	0.44	0.51
6	0.95	0.92	0.79	0.89	0.83	0.92	0.81	0.82	0.85	0.91	0.96	0.96
7	-	-	-	-	-	-	-	0.37	0.51	0.71	0.77	0.82
8	0.73	0.85	0.81	0.94	0.94	0.85	0.80	0.66	0.75	0.75	0.85	0.96
9	1.07	1.02	1.07	1.09	1.17	1.10	1.02	0.85	0.79	0.84	0.90	0.85
10	1.18	0.94	0.98	0.91	0.94	0.91	0.77	0.48	0.46	0.74	0.85	0.99
11	1.33	1.46	1.04	1.17	0.78	1.02	0.89	1.01	0.60	0.44	0.46	0.53
12	0.32	0.40	0.37	0.42	0.42	0.42	0.40	0.39	0.29	0.37	0.37	0.40
13	0.44	0.49	0.65	0.74	0.58	0.63	0.76	0.70	0.49	0.55	0.57	0.71
14	0.34	0.37	0.37	0.37	0.45	0.51	0.42	0.60	0.82	0.91	0.92	1.08
15	0.51	0.71	0.85	0.76	0.82	0.84	1.17	1.07	1.14	1.12	1.32	1.10
16	0.75	0.81	0.84	0.82	0.73	0.80	0.65	0.58	0.47	0.68	0.76	0.85
17	1.44	1.44	1.51	1.49	1.32	1.44	1.36	0.83	0.91	0.69	0.83	0.72
18	0.29	0.40	0.40	0.33	0.36	0.37	0.40	0.40	0.37	0.40	0.57	0.68
19	1.25	1.42	1.19	0.83	0.92	0.83	0.97	0.79	0.62	0.78	0.60	0.62
20	1.76	1.85	1.95	2.19	2.15	2.04	1.51	1.34	1.11	1.43	1.61	1.62
21	1.36	1.36	0.81	1.22	1.12	1.15	1.67	1.46	1.05	1.21	1.07	1.07
22	1.29	1.51	1.59	1.57	1.32	1.64	1.40	1.45	1.51	1.49	1.41	1.31
23	1.22	1.30	1.37	1.34	1.24	1.17	1.04	0.72	0.93	0.89	0.99	1.24
24	0.88	0.74	0.60	0.77	0.74	0.72	0.60	0.92	0.80	0.80	1.03	1.05
25	0.67	0.60	0.49	0.51	0.45	0.32	0.44	0.37	0.34	0.36	0.55	0.76
26	0.91	1.24	1.10	1.03	0.95	0.87	0.56	0.53	0.51	0.62	0.57	0.49
27	1.31	1.21	1.24	1.44	1.03	1.16	1.00	0.99	0.76	0.67	0.62	0.71
28	1.04	1.14	1.11	1.18	1.23	1.18	1.25	1.13	1.09	1.13	0.75	0.61
29	2.41	2.50	2.16	2.16	2.19	2.08	1.85	1.69	1.41	1.18	1.05	1.23
30	1.10	0.98	0.99	0.92	1.28	1.13	1.07	0.83	0.67	0.82	0.67	0.58
31	0.80	0.87	0.95	1.24	0.97	0.77	0.68	1.16	-	0.91	1.00	0.84
Promedio	1.00	1.04	0.98	1.02	0.99	0.97	0.91	0.84	0.74	0.79	0.82	0.85

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.70	0.58	0.47	0.51	0.44	0.37	0.36	0.43	0.52	0.50	0.61	0.61	0.41
0.51	0.44	0.33	0.50	0.50	0.43	0.49	0.71	0.58	0.65	0.51	1.61	0.66
1.48	0.63	1.34	1.49	1.45	1.61	1.56	1.39	1.40	1.58	1.45	1.29	1.31
0.79	0.79	0.90	0.74	0.84	0.84	0.69	0.59	0.63	0.59	0.66	0.53	0.88
0.65	0.81	0.88	0.96	0.84	0.69	0.69	0.77	0.89	1.06	1.21	1.29	0.80
1.17	1.19	1.12	1.01	0.99	0.81	0.91	-	-	-	-	-	1.07
0.84	0.96	1.01	0.96	0.79	0.84	0.84	0.90	0.96	0.96	0.96	0.99	0.88
1.22	1.35	1.38	1.43	1.22	1.16	1.00	1.05	1.07	1.05	0.99	1.06	1.09
1.09	1.11	1.11	1.08	1.18	0.91	0.97	1.08	1.23	1.24	1.28	1.32	1.12
1.20	1.21	1.41	1.15	1.01	1.19	1.09	1.17	1.01	1.28	1.55	1.54	1.14
0.58	0.67	0.51	0.45	0.47	0.60	0.54	0.55	0.44	0.43	0.52	0.58	0.82
0.63	0.60	0.65	0.64	0.71	0.76	0.68	0.58	0.64	0.86	0.79	0.78	0.61
0.93	1.01	0.89	0.89	0.84	0.68	0.68	0.59	0.58	0.52	0.55	0.56	0.79
1.21	1.12	1.36	1.39	1.21	0.96	0.74	1.13	1.02	0.78	0.76	0.70	0.90
1.18	1.11	1.45	1.29	1.15	0.90	1.00	1.03	0.95	0.80	0.74	0.76	1.05
1.15	1.09	1.16	1.20	1.34	1.03	0.83	0.67	0.73	0.60	1.11	1.65	0.98
1.06	0.94	0.92	0.91	0.94	1.04	0.55	0.61	0.61	-	-	-	1.18
0.84	0.81	0.82	0.81	0.74	0.62	0.47	0.84	1.16	1.42	1.33	1.10	0.73
0.77	0.71	0.57	0.58	0.55	0.91	1.14	1.10	1.32	-	1.34	1.63	0.98
2.00	1.97	1.84	1.66	1.24	1.21	1.48	1.74	1.65	1.59	1.75	1.79	1.64
1.37	1.44	1.34	1.46	-	1.49	1.53	1.51	1.39	1.30	1.48	1.26	1.43
1.34	1.44	1.48	1.30	1.45	-	-	1.16	1.26	1.20	1.41	1.37	1.40
1.28	0.96	1.12	-	1.33	0.52	0.92	0.94	0.86	0.92	1.10	0.89	1.11
1.27	1.53	1.08	1.00	1.16	0.83	0.87	0.69	0.82	0.88	0.90	0.92	0.98
0.94	0.81	0.78	0.86	0.75	0.44	0.41	0.51	0.67	0.76	1.02	1.20	0.74
0.65	0.62	0.58	0.71	0.58	0.55	0.49	0.50	0.76	0.87	1.06	1.19	0.88
0.93	1.21	1.31	1.03	0.82	0.76	0.72	0.77	0.94	0.99	1.01	1.06	1.07
0.47	0.76	0.85	0.90	2.16	2.12	1.92	2.27	1.34	1.43	1.26	1.89	1.30
1.47	1.78	1.62	1.50	1.80	1.61	1.15	0.76	0.73	0.79	1.06	1.50	1.55
0.55	0.62	0.62	0.66	0.61	0.65	0.68	0.69	0.69	0.71	0.69	0.71	0.85
1.24	1.15	1.37	1.28	1.48	1.32	1.44	1.35	1.73	1.80	1.83	1.72	1.24
1.02	1.01	1.04	1.01	1.02	0.93	0.89	0.94	0.95	0.98	1.07	1.16	1.02

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.62	0.49	0.37	0.46	0.35	0.32	0.33	0.35	0.35	0.46	0.51	0.64	0.37
0.46	0.38	0.32	0.62	0.73	0.66	1.16	1.01	0.77	1.21	1.15	1.74	0.78
1.22	1.43	1.19	1.23	1.32	1.43	1.20	1.12	1.17	1.50	1.47	1.27	1.29
0.53	0.67	0.81	0.55	0.74	0.64	0.51	0.47	0.49	0.47	0.51	0.42	0.70
0.51	0.62	0.67	0.77	0.64	0.46	0.51	0.71	0.76	0.96	0.91	0.99	0.63
1.06	1.06	0.98	0.65	0.72	0.51	0.75	-	-	-	-	-	0.86
0.76	0.80	0.77	0.72	0.58	0.49	0.55	0.64	0.67	0.67	0.78	0.81	0.67
1.07	1.33	1.27	1.16	0.94	0.80	0.74	0.88	0.81	0.88	0.97	0.92	0.90
0.85	0.98	0.92	0.88	0.89	0.75	0.77	0.76	0.81	1.03	1.00	1.08	0.94
0.94	1.13	1.33	0.92	0.88	0.87	0.85	0.69	0.73	1.20	1.39	1.33	0.93
0.55	0.58	0.42	0.42	0.57	0.37	0.40	0.27	0.27	0.27	0.36	0.36	0.65
0.40	0.42	0.46	0.44	0.37	0.34	0.36	0.36	0.38	0.49	0.43	0.51	0.40
0.69	0.75	0.64	0.53	0.61	0.37	0.37	0.40	0.51	0.40	0.37	0.30	0.55
1.01	1.02	1.29	1.24	0.83	0.67	0.58	0.79	0.77	0.61	0.65	0.60	0.72
1.02	1.24	1.29	1.02	1.02	0.68	0.68	0.79	0.76	0.61	0.60	0.63	0.91
0.96	0.96	0.96	0.97	1.03	0.56	0.58	0.55	0.49	0.49	0.66	1.18	0.76
0.85	0.81	0.80	0.81	0.83	0.71	0.37	0.37	0.37	-	-	-	0.95
0.67	0.62	0.68	0.62	0.60	0.51	0.44	-	-	-	-	0.90	0.50
0.69	0.60	0.49	0.51	0.55	0.86	1.02	1.17	1.41	-	1.33	1.69	0.92
1.97	2.03	1.73	1.87	1.39	1.68	1.49	1.40	1.30	1.20	1.38	1.42	1.64
1.24	1.30	1.21	1.29	1.36	1.43	1.24	1.25	1.10	1.45	1.25	1.29	1.25
1.33	1.41	1.43	1.24	1.41	-	-	1.01	1.03	1.20	1.35	1.27	1.37
1.19	0.82	0.97	-	0.73	0.74	0.72	0.72	0.55	0.68	0.60	0.53	0.94
1.09	1.25	0.95	0.74	0.63	0.51	0.49	0.42	0.54	0.63	0.63	0.55	0.75
0.83	0.70	0.76	0.78	0.53	0.35	0.35	0.44	0.55	0.60	0.78	0.99	0.56
0.49	0.47	0.44	0.58	0.46	0.42	0.40	0.43	0.62	0.67	0.87	0.95	0.67
0.79	1.04	1.04	0.94	0.62	0.62	0.58	0.62	0.77	0.82	0.82	0.92	0.91
0.46	0.75	0.77	0.94	2.05	1.76	1.55	1.43	1.66	1.82	1.47	2.13	1.23
1.41	1.57	1.20	1.36	1.31	1.26	0.74	0.58	0.60	0.62	0.83	1.46	1.45
0.42	0.58	0.60	0.60	0.55	0.53	0.62	0.60	0.60	0.72	0.69	0.69	0.76
1.26	1.21	1.19	1.31	1.36	1.22	1.14	1.44	1.59	1.61	1.71	1.60	1.17
0.88	0.94	0.90	0.87	0.86	0.75	0.72	0.75	0.77	0.86	0.91	1.01	0.88

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	347	521	304	260	260	260	347	260	260	260	260	565
2	565	955	527	825	775	782	782	521	434	347	347	434
3	868	477	782	868	782	782	608	707	868	831	1115	1035
4	782	782	868	782	521	782	868	-	-	-	-	-
5	521	434	434	347	347	347	347	347	347	347	347	347
6	868	955	868	707	782	868	782	707	782	707	707	707
7	347	347	521	434	521	434	434	434	521	608	608	707
8	707	707	752	707	707	707	707	608	608	521	521	521
9	347	434	434	478	521	521	521	434	521	434	434	390
10	782	782	868	782	782	608	608	434	521	707	707	955
11	1514	1515	1194	1275	1194	1275	1115	1115	782	608	608	434
12	434	347	347	434	434	434	521	434	347	347	434	521
13	707	707	782	782	707	707	707	707	521	608	707	1115
14	347	347	434	434	608	521	521	608	782	955	1274	1715
15	434	608	707	707	707	788	955	868	1035	1115	1915	1832
16	608	707	707	521	608	608	608	521	521	521	707	1035
17	-	-	-	-	-	-	-	-	1194	1595	1354	1194
18	-	-	-	-	-	-	-	-	312	150	434	782
19	608	782	1115	782	1194	1035	1035	782	782	868	868	868
20	1435	1320	1595	1354	1354	1115	992	868	782	1149	1115	1515
21	1194	1115	955	1275	1194	1035	1515	1595	1054	2355	2208	2170
22	1275	1354	1354	1275	1235	1435	1435	1435	2501	2501	2428	1953
23	868	955	1035	955	1035	782	782	471	608	1115	1753	1994
24	434	434	434	434	434	434	347	521	347	434	434	521
25	521	521	521	347	260	260	260	260	174	174	347	521
26	478	608	521	521	434	434	260	260	174	260	260	260
27	347	347	260	260	304	260	260	260	174	174	174	174
28	174	174	174	174	174	174	174	174	260	735	434	434
29	608	707	608	608	608	521	521	434	347	347	347	347
30	260	260	174	174	174	260	260	260	174	260	260	174
31	86	86	174	260	174	86	174	434	-	409	260	260
Promedio	637	665	671	647	649	629	636	588	611	715	779	849

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	150	75	150	150	150	226	312	226	150	75	75	338
2	828	494	527	451	1120	1188	639	226	150	150	226	963
3	1047	753	489	451	526	312	231	376	376	451	602	639
4	451	564	339	263	113	226	312	-	-	-	-	-
5	226	150	75	75	150	150	75	75	150	75	150	150
6	526	526	419	376	451	451	376	312	376	526	602	676
7	150	150	150	150	150	150	150	150	150	376	451	451
8	376	451	376	382	451	376	376	376	434	434	521	521
9	260	260	260	347	347	434	434	312	312	312	312	376
10	564	601	564	526	312	312	344	312	312	312	376	602
11	898	905	526	526	451	526	312	344	312	376	376	226
12	150	150	150	150	150	75	150	150	75	75	75	188
13	150	150	312	312	226	150	376	376	226	226	312	676
14	150	75	75	226	150	150	226	226	451	376	676	1186
15	226	312	376	312	312	419	602	676	676	752	1390	1359
16	312	376	376	376	376	376	312	312	-	226	376	676
17	-	-	-	-	-	-	-	-	676	1052	905	828
18	-	-	-	-	-	-	-	-	150	226	312	526
19	526	676	526	828	602	752	526	526	602	752	752	868
20	1188	1052	1052	1250	1113	976	752	602	376	752	905	1047
21	752	639	602	376	489	639	526	1052	976	1052	1595	1530
22	752	752	828	905	864	828	905	905	828	1830	1730	1736
23	564	602	602	602	602	602	312	312	602	1035	1460	1530
24	451	312	312	312	312	312	226	312	312	376	451	451
25	451	312	150	150	226	150	226	312	-	-	-	-
26	-	-	-	-	-	-	-	-	226	376	752	905
27	676	602	526	754	754	676	602	851	312	312	226	312
28	451	451	376	451	451	526	526	451	754	1188	754	376
29	1188	1289	905	864	902	905	905	752	526	451	376	526
30	376	226	150	226	376	226	231	150	150	376	226	75
31	150	226	226	312	231	226	231	910	-	993	376	312
Promedio	663	613	527	546	576	577	516	502	483	628	712	854

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
782	782	608	608	347	260	347	347	434	434	434	521	409
434	434	347	434	434	434	434	434	521	738	695	955	526
607	1269	1035	1035	1194	1194	1194	1035	955	1194	992	868	929
-	-	-	938	434	434	434	477	521	707	434	521	643
521	871	955	782	608	521	521	521	608	608	707	868	525
782	868	782	752	782	782	608	608	521	434	434	347	714
707	752	752	707	608	608	608	608	752	707	707	707	589
658	707	707	608	782	707	521	521	608	521	434	347	621
390	521	608	608	707	707	565	608	652	782	782	782	549
782	950	1990	1515	1515	1115	1194	1035	955	1115	1354	1354	976
347	434	434	347	347	434	347	347	434	434	347	434	721
608	608	707	868	868	608	521	434	608	707	707	707	541
1035	1035	1035	955	868	608	521	521	434	347	347	347	700
1794	1755	1755	1595	1068	955	782	955	782	608	521	521	902
1755	1595	1515	1115	905	782	782	707	707	608	434	508	966
1035	868	955	868	782	608	-	-	-	-	-	-	710
1395	1194	1435	1235	1031	868	608	521	521	608	-	-	1054
955	782	608	608	312	312	226	226	150	226	150	226	404
1035	868	608	521	521	521	521	608	868	1354	1515	1515	882
1435	-	1155	1115	955	955	955	1194	1035	1035	1194	1274	1169
1753	1673	1515	1515	1435	-	1354	1435	1395	1195	1435	1115	1456
1755	1515	1195	1194	1115	-	-	992	1035	1035	1035	1035	1458
1595	1035	955	858	218	-	347	434	347	347	347	434	838
608	868	955	868	521	434	347	347	434	434	434	434	496
521	434	434	347	174	174	174	174	260	260	347	521	332
174	174	174	174	86	86	86	86	174	174	260	260	266
260	260	260	260	174	174	174	174	260	260	174	174	233
347	217	347	434	822	608	782	565	434	434	434	521	383
347	347	434	434	521	434	260	174	86	174	260	434	413
86	86	86	174	86	174	174	86	86	86	86	86	166
374	374	434	434	521	390	374	434	521	521	521	434	336
829	803	826	771	669	567	543	554	570	603	604	633	665

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
526	526	312	312	150	150	150	150	150	226	226	376	222
312	269	231	676	1182	1290	1371	1730	1391	-	1795	864	786
526	996	339	526	376	563	312	451	419	451	376	451	502
-	-	-	451	150	150	150	150	226	451	312	312	289
226	564	676	526	376	226	226	312	312	451	526	526	269
676	676	564	451	376	226	269	226	150	150	75	75	397
451	451	376	312	226	226	226	312	312	376	376	451	280
521	521	608	347	260	303	174	260	260	260	260	260	380
376	312	312	312	376	312	312	312	376	526	526	602	359
376	526	1521	1221	976	451	376	312	376	676	905	905	573
226	150	226	150	75	226	226	150	150	226	226	150	332
226	226	376	376	226	226	150	150	150	150	75	232	171
451	521	451	312	226	226	150	226	226	150	226	150	284
1320	1120	1186	1052	457	226	312	451	376	226	226	226	464
1250	1120	1120	752	451	376	312	376	312	226	226	226	590
676	602	451	451	376	-	-	-	-	-	-	-	416
828	905	905	752	382	226	226	226	150	226	-	-	592
676	602	451	451	226	150	150	75	75	75	150	376	292
868	676	451	376	376	376	376	376	676	-	1120	1250	646
1120	1151	828	676	905	828	602	-	602	526	451	715	846
1460	1220	1188	1120	1052	-	905	752	828	1035	752	905	932
1460	1390	1188	976	976	-	-	526	451	602	676	752	994
1460	1194	905	-	676	226	226	312	269	226	226	226	642
526	639	905	532	226	226	226	226	226	226	226	150	353
-	-	-	-	-	-	-	-	-	-	-	-	247
905	752	602	602	526	451	226	376	451	526	602	451	546
376	451	451	451	312	312	226	226	376	376	376	376	438
312	451	376	1530	1309	1695	789	1120	-	526	1235	1120	749
526	676	526	526	376	489	226	150	150	75	150	602	586
75	150	150	75	150	75	150	75	150	150	150	75	176
602	602	752	602	602	451	376	451	676	602	564	602	482
804	837	806	760	627	540	464	524	508	492	658	651	620

IONES PESADOS POSITIVOS "N+" por cm³

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
1	-	-	-	-	-	-	-	41200	40400	38600	29600	20350
2	11690	9860	11690	12590	9860	9860	11690	14350	20350	36790	17950	12590
3	5380	4490	3585	3585	5380	5380	7180	5380	6295	6295	4490	6295
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	10770	6295	5380	5380	6295	4490	4490	4490
7	10770	8060	-	-	6295	6295	1795	-	-	-	-	-
8	-	-	-	-	3585	2690	3585	4490	3585	1795	4490	1795
9	2690	3585	2690	-	3585	2690	3585	4490	4490	4490	3585	2690
10	2690	1795	2690	2690	2690	3585	2690	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	20700	26000	10770	-
19	6295	4490	3585	4490	2690	4490	3585	6295	7180	4490	7180	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	2690	6295	3585	2690	4490	4490	1795	2690	5380	898	6295	6295
22	898	1795	1795	898	898	1795	898	1795	2690	2690	4490	5380
23	4490	4490	6295	3585	5380	-	7180	-	8060	6295	7180	5380
24	5380	7180	5380	5380	6295	11690	8950	5380	6295	7180	5380	5380
25	7180	6295	7180	5380	9860	13430	17950	17950	26900	24200	8950	9860
26	5380	-	4490	4490	4490	5380	7180	10770	11690	8060	8950	10770
27	6295	3585	4490	6295	3585	16130	4490	6295	7180	8950	11690	8950
28	5380	5380	17050	4490	5380	3585	7180	7180	12590	10770	12590	8060
29	2690	1795	1795	-	1795	2690	1795	3585	1795	2690	1795	1795
30	2690	4490	3585	7180	2690	1795	15250	4490	8950	8060	8060	11690
31	9860	8950	8060	3585	3585	9860	17950	7180	-	8060	2690	898
Promedio	5438	5158	5497	4809	4911	6229	6848	8759	11157	11095	8454	7216

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	-	-	-	-	-	-	-	44900	43950	32300	17950	13430
2	8950	8950	13430	9860	8060	9860	10770	11690	26900	28730	11690	12590
3	2690	4490	3585	3585	3585	4490	4490	3585	5380	3585	3585	3585
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	10770	4490	5380	8060	4490	4490	3585	4490
7	10770	8060	-	-	7180	8060	-	-	-	-	-	-
8	-	-	-	-	-	4490	5380	5380	5380	1795	8060	8060
9	-	-	4490	4490	4490	5380	5380	4490	4490	7180	898	5380
10	-	3585	3585	4490	4490	5380	3585	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	20700	26000	10770	8060
19	6295	4490	3585	4490	2690	4490	3585	6295	7180	6295	8060	7180
20	-	-	-	-	-	-	-	-	-	-	-	-
21	4490	-	1795	1795	2690	5380	3585	898	6295	5380	6295	5380
22	2690	1795	1795	1795	1795	1795	-	2690	3585	4490	4490	4490
23	3585	3585	2690	3585	2690	4490	4490	10770	5380	5380	5380	3585
24	3585	4490	5380	5380	5380	6295	5380	6295	4490	5380	3585	3585
25	5380	5380	4490	7180	8950	15250	17950	26900	30580	13430	10770	7180
26	3585	2690	2690	4490	3585	4490	10770	11690	10770	7180	8950	8950
27	12590	4490	3585	2690	3585	5380	4490	6295	8950	8950	8950	8060
28	2690	1795	4490	2690	898	2690	4490	12590	12590	10770	12590	8060
29	1795	1795	1795	2690	-	-	898	3585	1795	2690	1795	1795
30	2690	4490	3585	7180	2690	1795	15250	4490	8950	8060	8060	14350
31	7180	8060	6295	2690	8060	17050	11690	-	-	2690	2690	2690
Promedio	5264	4543	4204	4318	4799	6181	6915	9478	11150	9725	7271	6889

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
13430	14350	18870	18870	20700	26000	26000	23360	17050	16130	16130	16130	23363
16130	21520	25150	17050	13430	11690	9860	6295	6295	7180	5380	3585	13451
5380	17950	5380	6295	-	-	-	-	-	-	-	-	6171
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	9860	-	-	-	-	-	-	9860
3585	3585	1795	-	-	-	-	4490	7180	10770	5380	13430	6113
-	-	-	-	-	-	-	-	-	-	-	-	6643
3585	4490	4490	3585	4490	5380	6295	4490	6295	5380	-	6295	4252
4490	1795	3585	2690	1795	5380	-	3585	6295	1795	2690	4490	3507
-	-	-	-	-	-	-	-	-	-	-	-	2690
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
8060	11690	13430	13430	17950	20350	22400	20700	24200	25150	26900	17950	18645
-	-	-	-	-	-	-	-	-	-	-	-	4979
-	-	-	-	-	-	-	-	-	-	-	-	-
6295	3585	2690	2690	-	-	-	-	-	2690	1795	1795	3639
4490	4490	4490	4490	3585	-	-	7180	6295	4490	5380	6295	3509
3585	5380	7180	-	7180	8060	9860	8950	8060	7180	8950	8950	6746
4490	4490	4490	5380	8950	12590	9860	15250	9860	8060	8950	7180	7476
8950	9860	8950	10770	15250	24200	21520	10770	9860	8950	-	5380	12591
12590	15250	13430	11690	15250	20700	26000	23360	-	10770	7180	7180	11139
9860	6295	5380	6295	11690	10770	13430	14350	5380	3585	4490	4490	7665
11690	4490	11690	7180	5380	6295	-	-	2690	4490	5380	2690	7346
1795	898	1795	2690	2690	1795	6295	8950	6295	6295	-	2690	3018
13430	10770	16130	8950	12590	11690	10770	14350	11690	15250	14350	9860	9532
3585	2690	2690	2690	2690	2690	2690	2690	2690	3585	5380	2690	5106
7523	7977	8423	7796	9575	11830	13748	11251	8676	8338	8452	7122	8178

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
12590	14350	16130	17050	22400	24200	22400	20700	13430	13430	12590	10770	20739
14350	24200	17950	13430	11690	12590	9860	8060	5380	8060	5380	3585	12334
4490	14350	5380	4490	-	-	-	-	-	-	-	-	4709
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	8950	9860	-	-	-	-	-	-	9405
3585	3585	898	-	-	-	-	9860	10770	9860	8950	-	6217
-	-	-	-	-	-	-	-	-	-	-	-	8518
10770	7180	4490	8060	9860	7180	9860	9860	10770	-	-	4490	7121
898	8060	7180	-	5380	5380	8060	5380	2690	898	-	-	4768
-	-	-	-	-	-	-	-	-	-	-	-	4186
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
11690	-	13430	13430	17950	20350	22400	20700	24200	25150	26900	17950	18645
-	-	-	-	-	-	-	-	-	-	-	-	5386
-	-	-	-	-	-	-	-	-	-	-	-	-
6295	5380	4490	4490	-	-	-	-	-	3585	3585	2690	4139
4490	4490	4490	4490	4490	-	-	-	2690	3585	3585	4490	3410
3585	7180	4490	-	-	8060	8060	5380	5380	5380	4490	5380	5136
2690	3585	6295	7180	8950	12590	12590	10770	8060	7180	7180	8060	6431
8060	8060	8060	10770	21520	25150	17950	10770	10770	7180	5380	2690	12075
11690	11690	11690	11690	15250	20700	26000	15250	-	7180	7180	1795	9563
7180	3585	3585	8060	10770	10770	11690	11690	2690	3585	2690	2690	6542
11690	4490	11690	7180	5380	6295	-	-	2690	4490	6295	2690	6329
1795	898	1795	2690	2690	1795	6295	8950	6295	6295	-	2690	2992
9860	13430	8950	10770	13430	10770	11690	12590	14350	12590	10770	8060	9119
1795	1795	1795	1795	898	1795	2690	2690	2690	2690	2690	1795	4282
7084	8018	7377	8372	10640	11832	13042	10904	7678	7571	7178	5322	7740

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-	-	-	-	-	-	-	19.7	21.2	24.2	27.2	28.7	27.2
2	28.7	31.8	28.7	37.8	40.8	27.2	28.7	36.3	30.2	33.3	28.7	36.6	33.3
3	9.1	12.1	15.1	18.1	21.2	10.6	6.0	7.6	6.0	6.0	4.5	3.0	6.0
4	13.6	10.6	15.1	13.6	12.1	15.1	7.6	9.1	-	-	-	-	-
5	-	-	-	-	-	-	-	-	15.1	15.1	6.0	4.5	6.0
6	21.2	13.6	9.1	24.2	3.0	3.0	7.6	10.6	3.0	4.5	4.5	3.0	1.5
7	3.0	7.6	9.1	9.1	12.1	7.6	6.0	6.0	6.0	3.0	3.0	4.5	4.5
8	7.6	9.1	12.1	9.1	12.1	3.0	4.5	6.0	6.0	6.0	1.5	1.5	1.5
9	3.0	6.0	6.0	6.0	9.1	6.0	7.6	-	-	-	-	-	-
10	1.5	3.0	6.0	6.0	10.6	3.0	3.0	6.0	3.0	3.0	1.5	7.6	- 3.2
11	13.6	15.1	10.6	10.6	12.1	6.0	10.6	12.1	13.6	9.1	3.0	7.6	6.0
12	3.0	10.6	13.6	13.6	15.1	3.0	7.6	9.1	7.6	6.0	3.0	3.0	3.0
13	4.5	12.1	10.6	10.6	7.6	4.5	6.0	9.1	7.6	3.0	3.0	6.0	9.1
14	3.0	10.6	12.1	6.0	4.5	1.5	6.0	9.1	4.5	4.5	4.5	7.6	7.6
15	4.5	4.5	7.6	6.0	9.1	12.1	1.5	1.5	12.1	9.1	3.0	7.6	10.6
16	18.1	10.6	7.6	9.1	7.6	6.0	6.0	9.1	10.6	7.6	6.0	7.6	7.6
17	16.6	15.1	15.1	15.1	18.1	12.1	12.1	15.1	18.1	18.1	13.6	15.1	13.6
18	19.7	22.7	22.7	24.2	21.2	18.1	12.1	21.2	19.7	19.7	21.2	19.7	12.1
19	13.6	18.1	18.1	18.1	19.7	12.1	12.1	15.1	13.6	12.1	10.6	12.1	16.6
20	15.1	18.1	18.1	19.7	18.1	9.1	12.1	18.1	19.7	15.1	13.6	16.6	10.6
21	13.6	16.6	21.2	18.1	7.6	3.0	7.6	3.0	6.0	6.0	4.5	10.6	15.1
22	7.6	12.1	15.1	18.1	22.7	18.1	16.6	13.6	15.1	9.1	13.6	15.1	13.6
23	7.6	13.6	13.6	19.7	18.1	13.6	12.1	12.1	10.6	9.1	6.0	12.1	10.6
24	9.1	12.1	16.6	16.6	15.1	9.1	12.1	12.1	19.7	21.2	12.1	12.1	9.1
25	15.1	16.6	18.1	22.7	18.1	12.1	13.6	15.1	15.1	16.6	15.1	13.6	15.1
26	13.6	19.7	25.7	22.7	15.1	12.1	15.1	16.6	13.6	9.1	9.1	13.6	12.1
27	12.1	15.1	15.1	15.1	13.6	12.1	13.6	12.0	10.6	13.6	12.0	12.0	13.6
28	9.1	13.6	13.6	12.1	9.1	10.6	10.6	4.5	6.0	3.0	9.1	4.5	- 6.2
29	3.0	7.6	9.1	7.6	6.0	4.5	3.0	4.5	1.5	- 4.7	- 6.4	- 7.6	- 7.6
30	- 3.2	- 1.6	- 1.6	1.5	- 1.6	- 3.2	- 3.2	- 1.6	-	-	-	-	- 7.6
31	6.0	4.5	3.0	1.5	1.5	- 1.6	1.5	1.5	1.5	- 1.6	- 1.6	- 1.6	- 3.2
Prom	10.1	12.4	13.3	14.2	13.1	8.6	9.0	10.8	11.3	10.0	8.3	9.9	8.2
Var.	0.9	3.2	4.1	5.0	3.9	- 0.6	- 0.2	1.6	2.1	0.8	- 0.9	0.7	- 1.0

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-	-	-	-	-	-	-	-62.5	-62.5	-56.8	-48.3	-54.0	-54.0
2	-52.5	-59.6	-56.8	-58.2	-59.6	-59.6	-59.6	-58.2	-62.5	-56.8	-63.9	-59.6	-66.7
3	-49.7	-58.2	-49.7	-45.4	-58.2	-62.5	-54.0	-59.6	-58.2	-61.1	-56.8	-66.7	-58.2
4	-68.2	-69.6	-68.2	-73.8	-79.5	-79.5	-71.0	-76.7	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-88.1	-86.6	-82.4	-85.2	-90.9
6	-99.4	-95.2	-90.9	-92.3	-89.5	-99.4	-93.7	-99.4	-93.7	-93.7	-93.7	-99.4	-103.2
7	-103.9	-100.5	-99.6	-90.9	-103.9	-100.5	-96.6	-89.5	-92.3	-89.5	-86.6	-86.6	-88.1
8	-79.5	-83.8	-82.4	-82.4	-98.0	-95.2	-93.7	-81.0	-86.6	-78.1	-79.5	-81.0	-81.0
9	-82.4	-89.5	-82.4	-79.5	-86.6	-86.6	-85.2	-	-	-	-	-	-
10	-89.5	-85.2	-83.8	-86.6	-90.8	-95.2	-90.9	-82.4	-82.4	-82.4	-79.5	-79.5	-79.5
11	-72.4	-71.0	-71.0	-69.6	-76.7	-75.3	-72.4	-73.8	-73.8	-71.0	-69.6	-71.0	-71.0
12	-75.3	-79.5	-75.3	-73.8	-76.7	-79.5	-76.7	-73.8	-75.3	-76.7	-85.2	-88.1	-86.6
13	-69.6	-76.7	-73.8	-61.6	-78.1	-79.5	-76.7	-81.0	-82.4	-85.2	-86.6	89.5	71 0
14	-86.6	-79.5	-79.5	-76.7	-85.2	-88.1	-88.1	-75.3	-76.7	-73.8	-75.3	-83.8	-76.7
15	-78.1	-78.1	-78.1	-75.3	-85.2	-83.8	-110.8	-85.2	-71.0	-81.0	-78.1	-71.0	-78.1
16	-75.3	-78.1	-78.1	-74.2	-81.0	-82.4	-82.4	-73.8	-72.4	-68.2	-71.0	-71.0	-72.4
17	-65.3	-72.4	-66.7	-63.9	-69.6	-73.8	-72.4	-63.9	-62.5	-63.9	-63.9	-66.7	-65.3
18	-75.3	-82.4	-83.8	-75.3	-75.3	-78.1	-78.1	-78.1	-75.3	-76.7	-76.7	-82.4	-76.7
19	-69.6	-76.7	-72.4	-72.4	-72.4	-79.5	-73.8	-71.0	-71.0	-72.4	-78.1	73.8	76.7
20	-65.3	-69.6	-69.6	-69.6	-69.6	-75.3	-75.3	-65.3	-65.3	-65.3	-68.2	-81.0	-72.4
21	-90.9	-79.5	-76.7	-78.1	-81.0	-83.8	-86.6	-76.7	-72.4	-75.3	-78.1	-75.3	-73.8
22	-71.0	-71.0	-72.4	-72.4	-75.3	-79.5	-88.1	-81.0	-78.1	-82.4	-73.8	-73.8	-72.4
23	-68.2	-68.2	-69.6	-68.2	-75.3	-82.4	-81.0	-68.2	-79.5	-68.2	-71.0	-71.0	-72.4
24	-69.6	-71.0	-72.4	-66.7	-71.0	-76.7	-73.8	-68.2	-95.2	-99.4	-83.8	-68.2	-69.6
25	-65.3	-66.7	-65.3	-62.5	-69.6	-76.7	-69.6	-65.3	-65.3	-68.2	-56.8	-69.6	-69.6
26	-69.6	-73.8	-71.0	-62.5	-63.9	-72.4	-63.9	-62.5	-63.9	-58.2	-59.6	-63.9	-62.5
27	-69.6	-71.0	-65.3	-58.2	-62.5	-63.9	-65.3	-68.2	-65.3	-65.3	-66.7	-66.7	-65.3
28	-71.0	-73.8	-68.2	-62.5	-71.0	-71.0	-69.6	-65.3	-65.3	-54.0	-32.7	-25.6	- 9.9
29	-18.5	-22.7	-21.3	-21.3	-22.7	-25.6	-24.1	-22.7	-18.5	-11.4	- 8.5	- 9.9	- 8.5
30	- 8.5	- 9.9	- 8.5	- 9.9	-14.2	-15.6	-12.8	-11.4	-	-	-	-	- 5.7
31	- 9.9	- 9.9	- 9.9	- 8.5	-11.4	-14.2	-14.2	- 9.9	-14.2	- 8.5	- 8.5	- 8.5	- 7.1
Prom	-67.9	-69.8	-67.7	-65.2	-70.8	-73.7	-72.4	-65.0	-70.3	-68.9	-67.2	-68.7	-65.0
Var.	0.1	- 1.8	0.3	2.8	- 2.8	- 5.7	- 4.4	3.0	- 2.3	- 0.9	0.8	- 0.7	3.0

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
27.2	22.7	21.2	24.2	21.2	21.2	24.2	28.7	28.7	30.2	27.2	25.0	1
33.3	22.7	28.7	22.7	21.2	15.1	16.6	15.1	19.7	21.2	21.2	27.5	2
9.1	6.0	3.0	3.0	1.5	3.0	6.0	7.6	12.1	9.1	10.6	8.2	2
-	-	-	-	-	-	-	-	-	-	-	12.1	2
- 3.2	- 6.4	3.0	- 6.4	3.0	4.5	7.6	15.1	16.6	12.1	10.6	6.4	2
4.5	- 1.6	1.5	1.5	4.5	3.0	3.0	12.1	9.1	15.1	7.6	7.0	2
3.0	4.5	1.5	1.5	3.0	3.0	3.0	6.0	6.0	9.1	6.0	5.3	1
4.5	6.0	3.0	- 1.6	1.5	3.0	6.0	3.0	6.0	10.6	4.5	5.3	1
-	- 1.6	- 1.6	- 3.2	- 1.6	1.5	1.5	3.0	6.0	12.1	4.5	3.8	1
1.5	1.5	1.5	3.0	7.6	7.6	6.0	3.0	10.6	12.1	10.6	4.8	2
9.1	6.0	7.6	6.0	6.0	10.6	6.0	7.6	9.1	9.1	12.1	9.1	1
6.0	1.5	- 3.2	- 4.7	- 8.0	- 3.2	3.0	7.6	9.1	6.0	3.0	4.8	1
10.6	3.0	1.5	- 1.6	1.5	3.0	3.0	1.5	1.5	6.0	- 1.6	5.1	1
7.6	10.6	1.5	3.0	4.5	3.0	6.0	7.6	6.0	10.6	12.1	6.4	1
15.1	10.6	6.0	4.5	9.1	4.5	4.5	4.5	12.1	13.6	9.1	7.6	1
12.1	9.1	7.6	1.5	6.0	6.0	7.6	4.5	9.1	9.1	10.6	8.2	1
19.7	15.1	13.6	10.6	9.1	12.1	12.1	7.6	-	-	-	14.2	1
12.1	6.0	1.5	1.5	4.5	9.1	6.0	7.6	18.1	15.1	12.1	14.5	1
12.1	12.1	10.6	7.6	10.6	9.1	10.6	19.7	-	25.7	19.7	14.3	0
12.1	12.1	10.6	10.6	15.1	13.6	10.6	13.6	15.1	13.6	12.1	14.3	0
15.1	3.0	9.1	-	7.6	10.6	6.0	19.7	13.6	15.1	21.2	11.0	2
13.6	7.6	6.0	13.6	-	-	19.7	13.6	15.1	19.7	16.6	14.4	1
10.6	9.1	10.6	-	6.0	13.6	13.6	16.6	9.1	15.1	13.6	12.0	1
9.1	6.0	13.6	7.6	12.1	13.6	19.7	16.6	19.7	18.1	13.6	13.6	1
15.1	9.1	9.1	6.0	18.1	12.1	13.6	16.6	13.6	19.7	12.1	14.7	1
10.6	7.6	7.6	6.0	6.0	9.1	9.1	13.6	15.1	15.1	13.6	13.0	1
9.1	7.6	6.0	1.5	6.0	3.0	9.1	13.6	9.1	12.1	12.1	10.9	1
- 6.2	- 6.2	3.0	3.0	1.5	3.0	1.5	1.5	1.5	4.5	4.5	4.6	2
- 7.6	- 9.1	- 7.6	-10.6	-10.6	- 9.1	- 9.1	- 7.6	- 7.6	- 3.2	- 4.7	- 2.8	1
- 6.4	- 6.4	- 6.4	- 6.4	- 8.0	- 6.4	- 6.4	- 4.7	- 3.2	1.5	1.5	- 3.7	2
- 3.2	- 3.2	- 4.8	- 9.5	- 6.4	- 6.4	- 6.4	- 6.4	- 6.4	- 3.2	- 4.8	- 2.0	2
8.8	5.5	5.5	3.4	5.3	5.8	7.1	9.0	9.8	12.2	10.0	9.2	
- 0.4	- 3.7	- 3.7	- 5.8	- 3.9	- 3.4	- 2.1	- 0.2	0.6	3.0	0.8		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-54.0	-56.8	-61.1	-59.6	-59.6	-58.2	-71.0	-58.2	-62.5	-58.2	-61.1	-58.7	2
-62.5	-73.8	-76.7	-71.0	-61.1	-78.1	-73.8	-65.3	-62.5	-58.2	-55.4	-63.0	2
-65.3	-59.6	-71.0	-73.8	-71.0	-75.3	-69.6	-62.5	-68.2	-63.9	-71.0	-62.1	2
-	-	-	-	-	-	-	-	-	-	-	-73.3	2
-88.1	-79.5	-85.2	-89.5	-89.5	-95.2	-92.3	-90.9	-89.5	-88.1	-96.6	-88.6	2
-100.8	-96.6	-99.4	-99.4	-103.2	-100.8	-106.4	-99.4	-99.4	-95.2	-101.8	-97.7	2
-85.2	-86.6	-99.4	-85.2	-79.5	-82.4	-86.6	-86.6	-88.1	-83.8	-86.6	-90.8	2
-85.2	-81.0	-89.5	-89.5	-78.1	-81.0	-78.1	-85.2	-86.6	-79.5	-82.4	-84.1	2
-	-85.2	-85.2	-89.5	-88.1	-85.2	-85.2	-81.0	-88.1	-82.4	-89.5	-85.4	2
-86.6	-90.9	-89.5	-88.1	-72.4	-73.8	-73.8	-72.4	-72.4	-72.4	-73.8	-82.2	2
-68.2	-65.3	-76.7	-72.4	-71.0	-69.6	-72.4	-71.0	-76.7	-72.4	-78.1	-72.2	2
-82.4	-79.5	-86.6	-81.0	-88.1	-83.8	-75.3	-62.5	-58.2	-61.1	-73.8	-77.3	2
-73.8	-86.6	-86.6	-93.7	-90.9	-79.5	-89.5	-81.0	-88.1	-76.7	-85.2	-81.0	2
-85.2	-83.8	-100.5	-86.6	-82.4	-89.5	-85.2	-83.8	-82.4	-76.7	-81.0	-82.6	2
-78.1	-75.3	-81.0	-83.8	-71.0	-71.0	-79.5	-82.4	-79.5	-76.7	-85.2	-79.9	2
-69.6	-71.0	-73.8	-75.3	-72.4	-71.0	-73.8	-75.3	-72.4	-68.2	-75.3	-74.0	1
-59.6	-68.2	-65.3	-66.7	-73.8	-72.4	-71.0	-72.4	-	-	-	-67.6	2
-83.8	-79.5	-75.3	-86.6	-88.1	-79.5	-73.8	-82.4	-89.5	-85.2	-82.4	-80.0	2
-73.8	-71.0	-76.7	-79.5	-76.7	-76.7	-81.0	-75.3	-	-68.2	-75.3	-74.5	1
-68.2	-69.6	-73.8	-72.4	-68.2	-68.2	-72.4	-71.0	-73.8	-68.2	-73.8	-70.5	1
-73.8	-86.6	-78.1	-	-72.4	-83.8	-79.5	-76.7	-76.7	-71.0	-72.4	-78.2	1
-69.6	-76.7	-82.4	-79.5	-	-	-82.4	-73.8	-75.3	-72.4	-76.7	-76.4	2
-69.6	-75.3	-78.1	-	-72.4	-78.1	-72.4	-76.7	-76.7	-71.0	-73.8	-73.4	1
-69.6	-82.4	-72.4	-72.4	-65.3	-71.0	-71.0	-71.0	-66.7	-69.6	-73.8	-73.8	2
-65.3	-75.3	-72.4	-78.1	-68.2	-72.4	-66.7	-68.2	-65.3	-65.3	-71.0	-68.3	2
-68.2	-66.7	-65.3	-69.6	-68.2	-68.2	-63.9	-63.9	-63.9	-62.5	-62.5	-65.4	2
-68.2	-59.6	-58.2	-71.0	-72.4	-68.2	-73.8	-63.9	-66.7	-62.5	-69.6	-66.1	2
- 8.6	- 5.7	-12.8	-19.9	-19.9	-17.0	-19.9	-14.2	-13.6	-15.6	-17.0	-37.7	2
- 9.9	- 8.5	- 7.1	- 9.9	- 9.9	- 9.9	- 9.9	- 7.1	- 8.5	- 4.3	- 4.3	-13.5	1
- 4.3	- 7.1	- 5.7	- 4.5	- 5.7	- 4.3	- 7.1	- 2.8	- 4.3	- 4.3	- 8.5	- 7.9	2
- 5.7	- 7.1	- 9.9	-11.4	- 7.1	- 7.1	- 7.1	- 7.1	- 8.5	- 5.7	- 7.1	- 9.1	1
-64.9	-67.0	-69.9	-70.0	-67.1	-68.0	-68.0	-66.1	-66.6	-63.4	-67.8	-68.0	
3.1	1.0	- 1.9	- 2.0	0.9	0.0	- 0.8	1.9	1.4	4.6	0.2		

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	70.2	70.5	70.6	70.5	70.1	70.4	70.7	72.8	73.0	73.2	72.8	72.6	72.4	72.2	72.0
2	72.3	72.3	72.3	71.8	71.7	71.8	71.8	70.3	70.0	69.9	69.9	67.7	66.3	65.0	64.4
3	62.0	62.2	62.3	62.2	62.4	62.6	63.1	63.5	63.8	64.4	64.2	63.8	62.8	63.2	63.0
4	64.1	64.3	64.6	64.3	64.3	65.4	65.2	65.8	66.1	66.3	66.2	65.9	65.2	64.2	64.1
5	64.2	64.1	66.9	63.9	63.8	63.7	64.0	64.0	64.0	64.2	64.1	63.6	63.0	62.4	62.0
6	62.5	62.4	62.2	62.0	62.0	62.4	62.3	62.8	63.0	63.5	63.3	63.1	62.4	62.2	62.2
7	63.8	63.8	63.7	63.3	63.3	63.4	64.0	64.2	64.2	64.2	63.9	63.1	62.3	62.1	61.5
8	61.8	61.7	61.7	61.6	61.7	61.8	61.9	62.2	62.1	62.1	61.7	60.8	59.8	59.0	58.9
9	58.3	58.0	57.7	57.5	57.4	57.2	57.1	57.0	56.8	56.6	56.2	55.1	54.1	53.6	52.8
10	53.7	53.6	53.6	53.3	52.9	52.9	53.4	53.9	54.7	54.8	54.9	54.9	54.9	55.2	55.4
11	61.5	61.8	62.0	62.0	62.3	62.3	63.1	63.3	63.5	63.7	63.5	63.0	62.6	62.8	62.4
12	62.9	63.3	62.6	62.2	62.0	61.9	61.9	62.2	62.9	63.6	62.9	62.5	61.8	61.6	61.2
13	62.9	62.9	62.9	62.1	61.9	62.2	62.5	63.0	63.3	63.6	63.4	63.0	62.4	62.2	61.6
14	61.6	61.6	61.1	60.8	60.6	60.9	61.1	61.0	61.3	61.2	61.2	60.4	59.4	59.2	59.2
15	58.1	57.8	57.8	57.3	57.3	57.4	57.5	58.1	58.3	58.6	58.5	58.3	57.6	57.2	56.7
16	55.4	55.3	55.0	54.8	54.5	54.4	55.0	55.4	56.0	56.5	56.5	56.3	55.7	55.8	55.7
17	59.5	59.9	59.9	60.0	60.9	61.8	62.8	63.4	64.2	64.8	65.0	64.9	64.6	64.8	64.5
18	66.3	66.1	64.4	66.0	65.9	66.3	66.5	67.4	67.9	68.3	68.5	68.0	67.9	67.8	67.3
19	66.0	65.9	65.9	66.0	65.8	65.9	66.0	66.0	65.8	65.2	64.7	64.0	63.6	63.0	61.8
20	59.1	58.7	58.7	58.1	57.8	57.7	57.8	57.7	57.9	58.1	58.1	57.4	57.1	56.6	55.1
21	58.6	58.6	58.9	58.8	59.0	59.4	60.0	60.6	61.2	61.4	61.2	60.7	60.2	59.5	59.4
22	61.5	61.4	61.2	61.1	61.1	61.4	61.9	62.6	62.8	62.9	63.0	62.5	62.2	62.0	61.9
23	63.3	63.2	63.1	62.5	62.5	62.4	62.8	63.0	63.1	63.1	63.0	62.1	61.2	60.4	59.9
24	58.5	58.1	57.9	57.9	57.9	58.5	59.1	59.7	60.2	61.0	61.3	61.4	61.4	61.7	61.8
25	66.3	66.6	66.4	66.3	66.2	66.4	66.7	67.2	67.6	67.6	67.6	66.8	66.1	65.8	65.7
26	65.9	65.8	65.3	65.1	64.9	65.1	65.1	65.4	65.2	65.1	64.9	64.2	63.7	63.2	62.8
27	61.9	61.4	61.0	60.5	60.6	60.8	60.8	61.1	61.2	61.0	60.4	59.6	58.6	57.8	57.2
28	55.8	55.1	54.5	54.0	53.7	53.1	53.0	53.7	53.7	53.3	52.3	52.1	51.0	50.3	50.3
29	54.0	53.9	54.4	54.5	54.9	56.1	56.8	58.4	58.7	59.1	59.2	59.0	58.7	58.4	58.4
30	62.7	62.3	61.8	62.7	62.7	62.7	62.7	63.3	63.2	63.2	63.1	62.4	62.0	61.2	61.0
31	59.5	58.9	58.0	57.9	55.6	56.2	57.7	56.8	56.9	56.9	56.7	56.5	56.2	55.9	55.9
Prom	61.7	61.7	61.6	61.3	61.2	61.4	61.8	61.8	62.7	62.5	62.3	61.8	61.2	60.8	60.5

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	1.8	1.0	0.9	1.0	1.3	1.6	0.4	0.1	3.1	5.3	6.7	8.4	8.6	8.5	8.4
2	7.9	7.9	7.9	7.9	7.7	7.6	7.6	7.1	7.3	8.1	8.5	8.8	9.0	9.2	9.5
3	10.4	9.9	9.2	8.3	7.7	7.3	6.5	8.7	8.7	8.8	8.8	8.8	8.8	8.7	8.6
4	8.4	8.4	8.2	8.1	8.3	8.4	8.5	5.8	6.2	6.3	6.5	7.2	7.5	8.4	9.0
5	9.5	9.8	10.2	10.3	10.3	10.4	10.9	11.6	11.3	11.4	12.0	12.9	14.1	16.1	16.3
6	12.8	12.3	12.0	12.1	12.6	12.6	12.5	13.3	15.1	17.2	18.8	20.0	21.1	21.8	21.4
7	14.3	14.3	14.0	13.8	13.4	13.2	12.8	13.4	15.0	16.9	19.8	21.1	21.8	22.1	22.2
8	16.6	15.9	15.5	14.9	14.5	14.6	14.2	14.2	15.9	17.6	19.5	21.3	22.2	22.8	24.3
9	16.2	15.6	15.0	15.0	14.9	15.0	15.6	13.6	16.4	17.8	20.1	20.5	21.5	21.8	21.9
10	14.9	14.8	13.6	13.3	13.5	13.6	13.3	13.0	13.9	14.9	16.2	17.7	17.2	15.7	15.8
11	8.3	7.6	6.8	6.6	6.1	5.4	4.7	4.9	7.1	9.1	9.6	10.5	10.7	10.5	10.2
12	3.5	3.7	4.3	4.9	5.3	5.5	5.5	5.4	5.9	6.9	7.6	8.3	8.9	9.2	9.2
13	6.0	5.8	5.7	5.6	5.7	5.7	5.6	5.0	5.1	6.8	9.2	9.5	10.0	10.2	10.8
14	0.8	0.9	0.6	1.0	0.8	1.1	1.7	2.2	5.1	9.7	12.3	13.7	14.5	15.2	15.4
15	8.4	8.3	8.6	7.8	7.8	7.9	7.8	7.6	9.4	11.1	13.1	13.8	15.7	15.7	15.6
16	10.6	9.8	9.7	9.5	9.4	9.1	8.8	8.0	10.5	11.3	14.6	15.4	16.0	16.5	16.3
17	8.1	7.9	7.9	7.9	7.9	7.0	5.2	6.0	8.2	10.8	12.7	13.7	14.3	14.7	14.7
18	2.5	1.6	1.2	0.5	0.3	0.1	- 0.3	1.0	6.1	11.1	12.3	12.8	12.9	12.9	12.6
19	8.2	7.8	7.5	7.0	6.9	7.0	7.1	7.6	8.7	9.0	10.9	11.7	12.0	11.8	11.8
20	12.1	12.3	12.2	12.3	12.4	12.4	12.6	12.6	12.8	13.4	13.7	13.7	13.8	13.1	12.8
21	5.5	4.6	3.0	2.7	2.2	1.9	1.2	2.3	5.2	7.2	9.0	9.9	10.8	11.5	11.2
22	1.7	1.8	1.5	0.8	1.0	1.1	1.4	1.4	3.9	5.8	7.0	7.9	8.9	9.0	9.0
23	0.0	- 0.7	- 0.6	- 1.0	- 0.9	- 1.0	- 0.8	- 1.0	1.6	6.0	8.6	10.5	12.5	13.3	13.9
24	8.7	8.6	8.4	7.6	6.8	6.4	5.4	5.6	7.4	9.7	11.0	12.0	13.1	13.9	14.0
25	2.4	2.2	1.0	0.9	0.5	0.6	- 0.1	0.6	6.8	10.7	11.7	11.8	12.7	13.3	12.8
26	7.5	8.1	8.3	8.3	8.3	8.2	7.7	8.4	10.4	11.9	13.2	14.0	13.3	14.0	14.4
27	12.3	12.5	13.4	14.4	14.6	14.7	14.8	15.0	15.5	16.9	19.3	20.2	22.9	23.7	23.6
28	20.8	20.4	20.1	19.5	19.0	18.5	18.3	18.3	18.4	17.6	18.1	18.3	19.7	20.0	20.1
29	13.5	12.6	11.6	11.3	11.2	11.1	11.2	10.5	10.4	10.6	10.9	11.3	11.7	12.5	13.0
30	11.3	11.3	11.5	10.9	10.5	10.4	10.2	9.7	10.6	12.2	12.1	10.8	10.5	10.5	10.4
31	9.9	9.9	9.8	9.8	9.7	10.1	10.4	10.0	10.2	10.7	10.9	11.0	12.0	12.3	12.1
Prom	8.9	8.6	8.4	8.2	8.0	8.0	7.8	7.8	9.4	11.1	12.4	13.1	13.8	14.2	14.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
72.0	72.1	72.6	72.4	72.2	72.2	72.2	72.2	72.3	73.2	10	70.1	5	3.1	771.8 mm.	1029.0 mb.
64.6	63.8	63.3	63.3	63.5	63.2	62.8	62.5	62.2	72.3	varios	62.2	24	10.1	67.4	1023.2
63.5	63.4	63.5	63.9	63.8	63.9	64.0	64.0	64.1	64.4	10	62.0	1	2.4	63.3	1017.7
64.0	64.0	64.4	64.7	64.5	64.4	64.4	64.2	64.2	66.3	10	64.0	16,17	2.3	64.8	1019.7
61.9	62.2	62.2	62.3	62.4	62.4	62.3	62.2	62.3	66.9	3	61.9	16	5.0	63.2	1017.7
62.0	62.1	62.2	62.9	63.1	63.4	63.8	63.9	63.8	63.9	23	62.0	4,5	1.9	62.7	1016.9
61.4	61.3	61.3	61.3	61.4	61.2	61.3	61.6	61.7	64.2	8,9,10	61.2	21	3.0	62.6	1016.8
58.8	58.8	59.1	59.0	59.0	59.0	58.8	58.7	58.5	62.2	8	58.5	24	3.7	60.4	1013.8
52.7	52.8	52.9	53.3	53.5	53.6	53.8	53.8	53.8	58.5	0,1	52.7	16	5.8	55.2	1006.9
56.4	57.4	58.1	59.4	59.8	60.4	61.2	61.2	61.3	61.3	24	52.9	5,6	8.4	56.1	1008.1
62.3	62.4	62.4	62.5	62.4	63.0	63.0	63.1	63.1	63.7	10	61.3	0	2.4	62.7	1016.9
61.8	62.1	62.5	62.8	62.8	62.9	62.9	62.9	62.7	63.6	10	61.2	15	2.4	62.4	1016.5
61.4	61.2	61.6	61.6	61.6	61.6	61.6	61.8	61.6	63.9	10-11	61.2	17	2.7	62.2	1016.2
59.2	59.0	59.0	58.8	58.7	58.0	58.2	58.7	58.2	61.6	0,1,2	58.0	21	3.6	59.9	1013.2
56.6	56.5	56.4	56.3	56.2	56.1	56.0	55.9	55.8	58.2	0	55.8	24	2.4	57.2	1009.6
55.7	56.2	56.5	56.9	57.4	57.8	58.3	59.0	59.3	59.3	24	54.4	6	4.9	56.2	1008.2
64.7	64.7	65.0	65.3	65.2	65.2	65.3	65.7	66.2	66.2	24	59.3	0	6.9	63.7	1018.2
67.6	67.2	66.9	66.8	66.6	66.5	66.4	66.5	66.4	68.5	11	65.9	5	2.6	67.0	1022.6
61.4	61.5	61.1	60.9	60.7	60.5	60.6	60.1	59.5	66.4	0	59.5	24	6.9	63.4	1017.8
56.5	57.4	58.0	58.2	58.4	58.4	58.5	58.7	58.5	59.5	0	55.1	14	4.4	57.8	1010.4
59.7	60.2	60.5	60.9	61.2	61.3	61.4	61.4	61.5	61.5	24	58.5	0	3.0	60.2	1013.6
62.1	62.1	62.9	63.2	63.3	63.3	63.3	63.6	63.6	63.6	23,24	61.1	4,5	2.5	62.4	1016.5
59.4	59.2	59.1	58.9	58.6	58.6	59.1	58.8	59.0	63.6	24	58.4	19-20	5.2	61.1	1014.8
62.2	62.9	63.4	64.4	64.8	65.3	65.5	65.9	66.0	66.0	24	57.8	2-3	8.2	61.5	1015.3
65.7	65.7	65.6	65.8	65.6	65.8	66.0	66.0	66.0	67.6	9,10,11	65.6	18,20	2.0	66.3	1021.7
62.7	62.9	63.1	63.0	62.5	62.5	62.5	62.3	62.2	66.0	0	62.2	24	3.8	64.0	1018.6
56.9	56.5	56.6	56.8	56.8	57.0	56.9	56.7	56.4	62.2	0	56.4	24	5.8	58.9	1011.8
51.7	52.5	52.8	52.6	52.1	52.4	51.9	53.4	54.4	56.4	0	49.9	14-15	6.5	52.9	1003.8
58.6	58.6	59.4	60.3	60.4	60.6	61.5	61.8	61.7	61.9	23-24	53.8	1-2	8.1	58.2	1010.9
60.7	60.8	60.9	61.0	61.2	61.0	60.5	60.1	59.9	63.3	8	59.9	24	3.4	61.8	1015.7
56.5	57.0	57.3	57.7	58.1	58.1	58.4	59.3	58.9	59.9	0	55.9	14,15	4.0	57.4	1009.8
60.7	60.8	61.0	61.2	61.2	61.3	61.4	61.5	61.4	63.7		59.3		4.4	61.4	1015.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.4	8.2	7.8	7.6	7.6	7.6	7.7	7.9	7.9	8.6	13	0.1	8	8.5	5.3
9.6	9.6	10.0	10.9	11.0	10.9	10.8	10.6	10.5	11.0	20	7.1	8	3.9	9.0
8.6	8.5	8.3	8.1	8.0	8.1	8.2	8.1	8.1	10.5	0	6.5	7	4.0	8.5
8.6	8.4	8.5	8.4	8.6	9.2	9.4	9.4	9.3	9.4	23-24	5.8	8	3.6	8.1
16.1	14.7	14.2	13.8	13.6	13.7	13.7	13.6	13.2	16.3	15	9.3	0	7.0	12.5
20.6	18.8	18.2	17.6	17.4	16.0	15.4	14.2	14.5	21.9	13-14	12.0	3	9.9	16.2
21.2	19.9	19.3	18.9	17.8	17.0	17.1	16.9	16.9	22.2	15	12.8	7	9.4	17.2
22.0	19.8	18.2	18.1	16.8	16.8	16.9	17.0	16.7	24.3	15	14.2	7,8	10.1	17.8
20.9	19.0	18.1	16.8	16.6	15.8	15.6	15.3	14.9	21.9	15	13.6	8	8.3	17.2
15.4	13.2	11.9	11.2	10.4	10.3	10.0	9.1	8.7	17.7	12	8.7	24	9.0	13.4
10.1	9.4	8.2	7.2	6.6	5.3	4.6	4.2	3.6	11.0	12-13	3.6	24	7.4	7.4
8.9	8.1	7.1	6.7	6.4	6.4	6.4	6.3	6.1	9.2	14-15	3.5	1	5.7	6.5
10.8	9.2	5.8	3.5	2.3	2.5	1.6	1.4	1.2	11.0	16-17	1.2	24	9.8	6.0
14.5	12.2	11.4	10.6	10.0	10.4	9.9	9.6	8.8	15.6	14-15	0.6	3	15.0	8.0
14.6	13.3	11.9	11.4	11.4	11.0	10.5	10.4	10.3	16.3	14-15	7.6	4-5	8.7	11.0
15.8	13.7	11.2	9.1	7.4	8.1	8.1	8.2	8.3	16.5	14	7.4	20	9.1	11.0
13.9	12.0	9.3	7.5	6.8	5.8	4.8	3.8	3.1	14.9	14-15	3.1	24	11.8	8.9
12.0	9.6	7.3	6.4	6.0	5.6	5.6	5.4	7.5	12.9	13,14	- 0.3	7	13.2	6.4
11.7	11.5	11.5	11.4	11.4	11.4	11.5	11.5	11.7	12.0	13	6.9	5	5.1	10.0
11.9	11.7	11.1	10.8	9.9	9.0	8.0	7.5	6.7	13.8	13	6.7	24	7.1	11.6
10.5	8.7	7.6	6.9	6.2	5.7	4.7	3.7	2.4	11.6	13-14	1.2	7	10.4	6.0
7.8	6.8	4.9	3.7	2.8	1.5	0.5	0.2	0.0	9.3	14-15	0.0	24	9.3	3.8
13.3	12.1	10.5	9.9	9.6	9.6	9.4	8.9	8.7	14.0	15-16	- 1.0	4,6,8	15.0	6.4
13.1	11.2	8.8	7.4	6.4	6.4	5.3	3.7	2.7	14.7	14-15	2.7	24	12.0	8.5
12.7	10.9	9.3	8.8	8.7	8.5	8.3	7.7	7.4	13.4	14-15	- 0.2	7-8	13.6	7.1
13.8	12.8	11.9	11.7	12.1	12.2	12.2	12.2	11.9	14.5	15-16	7.5	7-8	7.0	11.1
20.7	19.5	18.4	18.3	19.0	20.3	20.3	20.4	20.7	23.9	14-15	11.9	24	12.0	18.0
16.2	15.1	14.5	14.4	13.8	13.3	13.5	13.7	13.5	20.8	1	13.3	21	7.5	17.3
13.3	13.2	13.1	12.9	12.8	12.6	12.4	11.8	11.4	13.3	16	10.4	9	2.9	12.0
10.4	10.2	10.0	9.9	9.9	9.8	9.8	9.9	9.9	12.2	10	9.7	8	2.5	10.5
11.9	11.6	11.4	11.3	11.0	11.0	11.1	11.1	11.2	12.3	14	9.7	5	2.6	10.8
13.5	12.4	11.3	10.7	10.3	10.0	9.8	9.5	9.3	14.7		6.3		8.4	10.4

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	5.0	4.8	4.6	4.8	4.8	5.0	4.6	4.4	5.4	6.4	6.6	6.2	6.4	6.4	6.2
2	6.8	7.2	7.2	7.6	7.6	7.4	7.4	7.2	7.4	7.8	8.0	8.0	8.0	8.0	8.0
3	9.0	8.5	8.0	7.8	7.6	7.4	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.6
4	7.6	7.8	7.8	7.8	7.8	7.4	8.0	6.6	6.8	7.0	7.0	7.0	7.2	7.2	7.4
5	8.5	8.5	9.0	9.0	9.0	9.0	9.5	9.5	9.5	9.5	10.0	10.5	11.0	11.0	11.0
6	10.0	10.0	10.0	9.5	10.0	10.0	10.0	10.0	9.5	11.0	11.5	11.5	12.5	13.0	13.5
7	11.0	11.0	11.0	10.5	10.5	10.5	10.0	10.5	11.5	12.5	14.0	14.5	15.0	14.0	14.0
8	12.0	11.5	11.5	11.0	10.5	10.5	10.5	10.5	11.0	11.5	12.0	12.5	12.5	12.5	14.0
9	11.0	10.5	11.0	11.0	11.0	11.0	11.5	9.5	9.0	10.0	10.5	10.0	11.0	11.0	11.0
10	9.5	9.5	9.5	9.0	9.5	10.0	10.0	9.5	10.0	10.0	10.5	10.5	11.0	8.5	7.6
11	6.6	6.8	6.4	6.6	6.4	6.2	5.8	5.6	5.4	6.2	6.0	6.4	6.4	6.8	7.2
12	5.6	6.0	6.0	6.0	6.0	6.2	6.2	5.8	6.0	6.0	6.0	6.2	6.4	6.2	6.2
13	5.6	6.0	6.0	5.8	6.0	6.0	5.8	5.6	5.6	5.6	5.4	5.4	5.6	5.8	6.0
14	4.6	4.6	4.6	4.2	4.4	4.8	5.0	5.2	5.0	5.6	6.0	6.6	7.0	7.4	7.4
15	7.6	7.0	6.8	6.0	6.0	5.6	5.6	5.6	5.8	6.0	6.4	6.6	7.6	7.6	8.0
16	7.8	7.4	7.4	6.8	6.4	6.2	6.4	6.2	6.4	6.6	7.0	7.4	7.8	8.5	8.5
17	6.2	5.6	5.6	5.6	5.0	4.6	4.4	4.6	5.4	5.4	6.2	6.0	5.8	5.2	5.2
18	5.2	5.0	4.8	4.2	4.2	4.4	4.2	4.8	6.4	7.6	6.6	6.2	6.4	6.4	6.2
19	7.0	6.8	6.4	5.8	5.4	5.8	5.8	6.0	6.4	6.4	6.4	6.8	7.0	7.0	7.4
20	9.0	9.5	9.5	10.0	10.0	10.0	10.5	10.5	10.5	11.0	11.0	11.0	10.5	9.5	9.5
21	5.4	5.4	4.6	4.6	4.4	4.2	4.0	4.4	4.8	5.0	5.8	6.0	6.0	6.2	5.6
22	4.2	4.2	4.2	4.2	4.2	4.2	4.4	3.8	4.0	4.2	4.6	4.8	5.2	5.2	5.0
23	3.6	3.6	3.6	3.4	3.2	3.2	3.2	3.2	2.8	3.6	3.8	4.0	4.6	4.8	5.6
24	6.0	6.0	5.8	5.6	5.6	5.4	5.4	5.6	5.4	6.0	6.0	6.4	6.4	6.8	6.8
25	5.0	4.8	4.8	4.6	4.6	4.6	4.2	4.6	6.0	6.4	6.4	5.8	5.6	6.0	5.8
26	6.0	6.2	6.2	6.6	6.6	7.0	6.8	7.2	6.8	7.4	8.0	8.0	7.6	8.0	8.0
27	9.0	10.0	10.5	11.0	11.0	10.5	11.5	11.0	11.5	11.5	12.5	13.5	13.5	13.5	15.5
28	13.0	13.0	12.5	12.0	11.5	11.5	11.0	12.0	13.0	13.5	14.0	14.5	14.0	15.0	15.0
29	10.5	10.0	9.5	9.0	9.5	9.5	9.5	8.5	8.5	8.0	7.8	8.0	8.0	8.5	9.0
30	9.0	9.0	9.0	8.5	9.0	9.0	9.0	8.0	7.8	8.0	8.0	7.8	7.8	8.0	8.0
31	8.0	8.0	8.5	8.5	8.5	9.0	9.0	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Prom.	7.6	7.6	7.5	7.3	7.3	7.3	7.3	7.2	7.4	7.8	8.1	8.2	8.4	8.4	8.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
77	77	76	78	77	80	81	83	86	100	varios	76	13,18	24	88
97	98	99	99	100	100	100	100	100	100	varios	86	0	14	98
92	91	90	89	89	91	90	92	93	100	varios	89	19,20	11	96
91	93	94	95	94	94	94	97	97	100	varios	86	14	14	96
86	91	94	97	100	99	98	97	97	100	7,8	83	14	17	96
74	80	82	84	88	91	92	93	93	97	0	67	13,14	30	84
77	79	82	83	86	86	86	85	85	95	8	74	14,15	21	86
70	77	80	83	83	83	85	85	84	89	varios	62	13,14	27	80
63	70	77	78	79	81	81	81	80	87	4,5	58	13	29	75
59	69	72	81	86	85	85	84	84	88	7,8	56	15	32	79
76	86	90	94	94	98	99	99	100	100	24	67	12	33	86
76	79	83	85	85	85	83	83	84	100	0,1	75	14,15	25	86
61	77	88	93	96	98	99	99	99	99	22,23,24	61	16	38	84
64	78	85	84	84	84	85	86	90	100	3,7	56	13,14	44	81
75	79	85	85	83	82	82	84	84	91	1	56	14	35	75
72	84	94	98	100	99	98	88	79	100	20	59	12,13	41	78
45	56	72	78	79	83	87	95	98	98	24	42	15	56	67
57	59	73	83	88	94	95	95	90	100	6,7	57	13,14,16	43	82
74	92	96	96	95	92	94	93	91	96	18,19	69	12,13	27	82
87	87	88	88	89	91	91	85	83	100	8,9	83	24	17	92
60	65	66	67	70	70	73	71	78	86	2	57	16-17	29	73
60	65	68	68	72	75	77	79	80	87	6	60	15,16	27	73
50	53	62	64	69	69	70	71	72	82	3	45	12,13,14	37	65
71	80	87	87	82	74	82	89	93	89	23	59	13	30	75
58	73	76	78	84	86	83	80	80	89	7,8	53	13,14	36	80
71	73	79	81	86	86	85	87	89	89	24	68	15	21	79
79	81	84	83	83	80	77	77	75	91	varios	65	14	26	82
89	89	90	89	89	90	91	91	95	95	24	72	3	23	84
80	80	80	80	81	81	84	89	93	97	5	80	varios	17	88
85	85	87	87	89	91	92	94	94	97	7	77	11	20	89
87	86	87	87	87	85	84	84	83	100	8	83	24	17	91
73	78	83	84	86	86	87	88	88	95		67		28	83

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
6.2	5.8	6.0	6.0	6.0	6.0	6.4	6.4	6.8	6.8	24	4.4	8	2.4	5.7
8.5	8.5	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0	varios	6.8	0,1	2.2	8.0
7.6	7.6	7.0	7.0	7.0	7.4	7.0	7.4	7.4	9.0	0,1	7.0	varios	2.0	7.7
7.6	7.6	7.6	7.6	7.6	8.0	8.0	8.5	8.5	8.5	23,24	6.6	8	2.9	7.6
11.5	11.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.5	16,17	8.5	0,1,2	7.0	10.2
13.0	12.5	12.5	12.0	12.5	12.5	12.0	11.0	11.0	13.5	15	9.5	4,9	4.0	11.3
14.5	13.0	13.5	13.0	13.0	12.5	12.5	11.5	11.5	15.0	13	10.0	7	5.0	12.3
13.0	12.5	12.0	12.5	11.5	11.5	11.5	11.5	11.5	14.0	15	10.0	varios	3.5	11.7
11.0	11.0	12.0	11.0	10.5	11.0	10.5	10.5	9.5	12.0	18	9.0	9	3.0	10.7
7.4	7.6	7.4	8.0	8.0	7.6	7.4	7.0	6.8	11.0	13	6.8	24	4.2	8.8
7.2	7,6	7.0	7.0	6.6	6.4	6.2	6.0	5.6	7.6	17	5.4	9	2.2	6.4
6.4	6.2	6.2	6.0	5.8	5.8	5.8	5.8	5.8	6.4	13,16	5.6	0,1	0.8	6.0
6.0	6.6	6.0	5.4	5.2	5.2	5.0	4.8	4.8	6.6	17	4.8	23,24	1.8	5.6
7.6	8.0	8.0	7.8	7.4	7.6	7.4	7.8	7.4	8.0	17,18	4.2	4	3.8	6.3
9.0	8.5	8.5	8.0	8.0	8.0	7.8	7.8	7.6	9.0	16	5.6	6,7,8	3.4	7.1
9.5	9.5	9.0	8.0	7.4	7.8	7.8	7.0	6.2	9.5	16,17	6.2	6,8,24	3.3	7.4
5.0	6.0	6.2	6.0	5.6	5.6	5.4	5.4	5.4	6.2	varios	4.4	7	1.8	5.5
6.0	5.0	5.4	5.8	6.0	6.2	6.2	6.2	6.6	7.6	10	4.2	4,5,6	3.4	5.7
7.4	9.0	9.5	9.5	9.0	9.0	9.0	9.0	9.0	9.5	18,19	5.4	5	4.1	7.4
9.0	9.0	8.5	8.0	7.8	7.8	7.4	6.4	6.0	11.0	10,11,12	6.0	24	5.0	9.2
5.4	5.2	5.2	5.0	4.8	4.6	4.6	4.2	4.2	6.2	14	4.0	7	2.2	5.0
4.4	4.6	4.2	4.0	4.0	3.6	3.6	3.6	3.6	5.2	13,14	3.6	varios	1.6	4.2
5.4	5.4	5.8	5.6	6.0	6.0	5.8	6.0	6.0	6.0	varios	2.8	9	3.2	4.5
8.0	7.6	7.4	6.6	5.8	5.2	5.4	5.2	5.0	8.0	16	5.0	24	3.0	6.0
6.2	7.0	6.6	6.4	6.8	7.2	6.6	6.0	5.8	7.2	21	4.2	7	3.0	5.7
9.0	7.8	7.8	8.0	9.0	9.0	8.5	9.0	9.0	9.0	varios	6.0	1	3.0	7.6
14.0	13.5	13.0	12.5	13.5	13.5	13.5	13.5	13.0	15.5	15	9.0	0,1	6.5	12.3
12.0	11.0	10.5	10.5	10.0	10.0	10.5	10.5	10.5	15.0	14,15	10.0	20,21	5.0	12.1
8.5	8.5	8.5	8.5	9.0	8.5	8.5	9.0	9.0	10.5	0,1	7.8	11	2.7	8.8
7.8	7.6	7.8	7.8	7.8	8.0	8.0	8.0	8.0	9.0	varios	7.6	17	1.4	8.2
9.0	8.5	8.5	8.5	8.5	8.0	8.0	8.0	8.0	9.0	varios	8.0	varios	1.0	8.6
8.5	8.4	8.3	8.1	8.1	8.0	7.9	7.8	7.7	9.4		6.4		3.0	7.9

VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0-1		1-2		2-3		3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15	
DÍAS	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	E	3	C	1	C	1	SE	4	SE	5	NW	4	W	2	C	1	C	1	E	2	E	3	E	10	E	12	E	12	E	9
2	E	5	E	4	E	3	E	4	NE	7	NE	6	E	2	E	5	E	5	E	8	E	8	E	10	E	11	E	7	E	10
3	N	19	NW	18	W	15	W	14	W	8	W	10	W	6	W	6	W	8	W	9	W	8	W	8	W	8	SW	5	W	7
4	W	8	W	7	W	3	SW	3	W	2	W	6	W	4	NE	4	N	3	NE	3	NE	3	NE	4	NE	7	NE	8	NE	8
5	NE	12	NE	10	NE	10	NE	8	NE	12	NE	11	NE	14	NE	16	NE	16	NE	15	NE	13	NE	12	NE	12	NE	11	NE	12
6	NE	9	NE	7	NE	7	NE	12	NE	15	NE	14	NE	13	NE	17	N	20	N	20	N	26	N	24	N	20	N	17	N	10
7	NE	3	NE	5	NE	3	NE	6	NE	4	NE	5	NE	6	NE	6	NE	14	NE	14	NE	16	NE	18	NE	17	NE	13	NE	12
8	N	16	N	18	N	19	N	14	N	17	N	19	N	17	N	16	N	22	N	24	N	25	N	21	N	18	N	19	N	18
9	N	24	N	23	N	23	N	21	N	19	N	25	N	26	N	25	NW	25	NW	27	NW	29	NW	30	NW	27	NW	29	NW	24
10	N	19	N	17	N	12	N	13	N	15	N	17	N	20	N	6	N	9	NW	9	NW	9	NW	10	W	11	SW	15	S	15
11	S	8	S	5	S	6	S	3	S	7	S	4	SE	4	SE	5	SE	6	SE	8	SE	9	E	10	SE	6	E	3	E	3
12	S	2	SE	2	SE	2	SE	2	SE	2	SE	2	SE	3	SE	4	S	2	S	3	S	5	S	5	S	4	S	3	S	6
13	C	0	SW	3	SW	4	SW	3	S	2	S	3	S	2	S	3	S	5	S	4	S	6	S	9	S	5	S	4	S	4
14	W	3	NW	4	NW	5	NW	4	W	5	W	7	W	8	W	7	W	7	W	6	W	10	W	10	W	16	W	18	W	15
15	W	17	W	17	W	16	W	14	W	16	W	16	W	18	W	15	W	20	W	19	W	19	W	23	W	20	W	21	W	22
16	NW	17	NW	16	NW	19	NW	18	NW	22	NW	23	NW	17	NW	12	NW	13	NW	15	NW	17	NW	18	NW	16	NW	17	NW	11
17	SW	6	SW	6	SW	6	SW	6	SW	10	SW	7	SW	7	SW	5	SW	4	S	7	S	8	S	7	S	6	S	6	S	5
18	C	1	SE	2	C	1	C	0	SE	2	C	1	SE	3	SE	2	SE	2	E	2	E	9	E	10	E	10	E	11	E	11
19	E	11	E	11	E	9	E	9	E	11	E	12	E	13	E	16	E	19	E	23	E	23	E	26	E	16	E	18	E	18
20	E	13	NE	12	NE	11	NE	10	NE	12	NE	13	NE	13	NE	13	NE	14	N	14	NW	10	W	14	W	12	W	12	W	12
21	SW	8	W	7	W	6	W	6	W	7	W	9	W	9	W	8	W	10	W	12	W	11	W	13	W	14	W	18	W	17
22	W	6	W	8	W	10	W	12	W	8	W	8	W	7	W	9	W	11	W	16	W	16	W	18	W	16	W	16	W	20
23	W	14	W	10	W	13	W	12	W	10	W	12	W	12	W	11	NW	12	NW	15	NW	18	NW	25	NW	25	NW	26	NW	29
24	NW	22	NW	25	NW	25	NW	24	NW	22	NW	18	NW	14	NW	12	NW	19	W	17	W	14	SW	8	SW	5	SW	4	SW	3
25	C	1	C	0	SE	2	SE	2	SE	3	SE	4	SE	4	SE	2	E	4	E	8	E	12	E	11	E	13	E	13	E	10
26	E	6	E	8	E	9	E	7	E	5	E	7	E	7	E	6	E	10	E	10	E	9	E	9	E	7	E	4	E	9
27	NE	8	NE	6	NE	6	NE	10	NE	13	NE	5	E	7	E	7	E	7	E	7	E	6	E	9	E	7	NE	12	NE	10
28	N	22	N	21	N	27	N	21	N	25	N	21	N	22	N	14	SW	2	C	0	C	0	C	0	C	0	N	4	NW	6
29	SW	18	SW	10	SW	12	SW	9	SW	5	SW	9	SW	12	SW	10	SW	13	SW	10	SW	11	SW	10	SW	6	SW	4	S	3
30	E	7	E	2	C	1	C	1	SE	3	SE	3	E	8	E	6	E	7	E	11	E	12	E	13	E	11	E	11	E	8
31	E	3	E	5	SE	4	SE	2	E	3	E	4	C	1	SE	3	S	4	S	6	S	8	S	6	S	6	SW	8	SW	10
DIR. PREV.	E		E-NE-W		W		NE-W		W		W		W		W		E		E		E		E		E		E		E	
Nº de HORAS	7		5		6		5		7		7		8		6		6		8		8		9		8		8		8	
PROM. HOR. DE LA VELOC.		10		9		9		9		10		10		10		9		10		11		12		13		12		12		12

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
E	10	E	7	E	6	E	8	E	6	E	6	E	7	E	6	E	3	E	16	5	19	E	11.54
E	9	E	13	E	15	E	12	NE	10	NE	11	NE	9	NE	14	N	16	E	17	8	24	E NE	17.00 23.04
W	5	W	3	W	5	W	4	W	3	W	5	W	6	W	5	W	5	W	21	8	27	NW	1.38
NE	7	NE	8	NE	4	NE	6	NE	8	NE	8	NE	10	NE	13	NE	13	NE	16	6	25	NE	23.13
NE	14	NE	10	NE	11	NE	15	NE	14	NE	17	NE	21	NE	18	NE	11	NE	24	13	34	NE	19.44
NE	8	NE	8	NE	8	NE	8	NE	10	NE	4	NE	4	NE	4	NE	5	NE	17	12	32	N	10.23
NE	9	NE	9	NE	13	NE	14	NE	15	NE	12	NE	14	N	15	N	19	NE	22	11	27	NE	11.08
NE	15	NE	12	NE	14	NE	12	NE	16	NE	17	N	22	N	24	N	26	N	18	18	35	N	23.12
NW	22	NW	13	N	14	N	15	N	15	N	13	N	16	N	16	N	14	N	15	22	45	NW	12.36 12.45
S	11	S	7	S	6	S	6	S	5	S	6	S	10	S	11	S	8	S	10	11	30	SE	14.11
E	4	C	1	C	0	C	0	S	3	C	0	C	1	S	2	C	0	S	8	4	19	SE	12.10
S	3	S	2	S	2	C	1	C	1	SE	3	SE	3	SE	2	SE	3	S SE	11	3	11	S	11.22
S	2	SW	2	C	1	SW	2	W	3	NW	2	W	3	W	2	W	4	S	12	3	22	SW	10.54
W	11	W	9	W	10	W	12	W	11	W	15	W	15	W	12	W	16	W	21	10	26	W	13.56
W	17	W	13	W	12	NW	13	NW	15	NW	16	NW	16	NW	17	NW	17	W	18	17	34	W	10.26
W	9	W	7	W	2	C	1	W	4	W	4	SW	5	SW	5	SW	6	NW	15	12	29	NW	4.20
S	5	S	2	C	0	C	0	C	0	SE	2	E	3	E	2	C	1	SW	9	5	15	S	10.14
E	11	E	6	E	3	E	4	E	5	E	4	E	5	E	6	E	7	E	15	5	19	E	12.52
E	17	E	18	E	16	E	14	E	17	E	17	E	15	E	11	E	14	E	24	16	42	E	12.10
SW	12	SW	8	SW	9	SW	9	SW	10	SW	8	SW	9	SW	8	SW	9	SW	9	11	25	W	12.55
W	18	W	15	W	13	W	13	W	10	W	11	W	11	W	8	W	7	W	23	11	38	W	13.58
W	19	W	15	W	11	W	8	W	7	W	6	W	10	W	14	W	13	W	24	12	36	W	13.01 13.08
NW	23	NW	20	NW	20	NW	20	NW	22	NW	24	NW	24	NW	21	NW	22	NW	16	18	41	NW	14.16
SW	2	C	0	C	0	C	1	S	2	S	4	C	1	C	1	C	0	NW	9	10	36	NW	1.08
E	9	E	9	E	9	E	9	E	12	E	11	E	9	E	9	E	7	E	16	7	20	E	varios
E	7	E	6	E	6	E	6	E	9	E	8	E	9	E	9	E	7	E	24	8	17	E	10.00
NE	7	E	3	E	3	NE	5	NE	8	N	12	N	16	N	18	N	20	NE	11	9	36	N	23.55
NW	2	SW	7	SW	18*	SW	20	S	11	SE	6	E	13	NE	7	NE	24	N	9	12	50	SW	23.00
S	2	SE	3	E	6	E	6	E	5	E	7	E	7	E	6	E	4	SW	14	8	31	SW	0.26
E	11	E	11	E	8	SE	3	SE	2	SE	4	SE	5	E	3	E	7	E	16	6	18	SE	14.08
SE	11	SE	11	SE	5	SE	6	SE	5	SE	5	SE	5	C	1	S	3	SW	9	5	27	SW	16.26
E		E		E		E		NE		E-NE		E		E		E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MAXIMA DEL MES		
																		DIR.	HORAS		72 Km.		
8		8		9		7		7		6		8		8		7		E	156	10	DIREC.	DIA	HORA
	10		8		8		8		8		9		10		9		10				E NW	19 23	de 11.10 a 11.15 de 13.55 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					16	110	2	9					1	2	1	4	4	129
2	1	16	6	57	17	131												204
3	1	19									1	5	21	148	1	18		190
4	1	3	16	114							1	3	6	30				150
5			24	315														315
6	7	137	17	153														290
7	2	34	22	228														262
8	18	355	6	86														441
9	15	289													9	226		515
10	9	128							10	85	1	15	1	11	3	28		267
11					4	20	6	38	8	38							6	98
12							11	28	11	37							2	67
13									12	49	5	14	4	12	1	2	2	78
14													21	222	3	14		236
15													18	315	6	94		409
16											3	16	5	26	15	251	1	294
17					2	5	1	2	8	46	9	57					4	111
18					15	104	5	11									4	118
19					24	374												374
20	1	14	8	98	1	13					9	82	4	50	1	10		267
21											1	8	23	253				261
22													24	284				284
23													8	94	16	346		440
24									2	6	5	22	2	31	9	181	6	243
25					16	155	6	17									2	173
26					24	180												180
27	4	66	11	90	9	56												212
28	9	177	2	31	1	13	1	6	1	11	4	47			2	8	4	293
29					7	41	1	3	2	5	14	139						188
30					16	136	6	20									2	158
31					4	15	3	9	6	33	9	66					2	125
SUMAS	68	1238	112	1172	156	1353	42	143	60	310	62	474	138	1478	67	1182	39	7372
% PREVAL POR VELOCIDAD	16.8		15.9		18.4		1.9		4.2		6.4		20.0		16.0		0.3	VELOCIDAD MEDIA DIARIA EN EL MES 238
VELOCIDAD MEDIA POR DIRECCIÓN	18		10		9		3		5		8		11		18		1	

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	4	7		2	3	5	2	3
1 - 2	4	5	5	2	1	3	5	4	2
2 - 3	4	5	3	3	1	3	6	3	3
3 - 4	4	5	3	4	1	4	5	3	2
4 - 5	4	6	3	5	2	2	7	2	
5 - 6	4	6	3	3	2	2	7	3	1
6 - 7	4	4	5	4	1	2	8	2	1
7 - 8	4	5	5	5	1	2	6	2	1
8 - 9	4	3	6	2	3	3	5	4	1
9 - 10	3	3	8	1	4	1	6	4	1
10 - 11	2	3	8	1	4	1	6	5	1
11 - 12	2	3	9		4	2	6	4	1
12 - 13	2	3	8	1	4	2	7	3	1
13 - 14	3	4	8		3	5	5	3	
14 - 15	2	4	8		5	2	6	4	
15 - 16		6	8		5	3	6	3	
16 - 17		5	8	1	3	4	6	2	2
17 - 18	1	5	9		2	3	6	1	4
18 - 19	1	6	7	1	1	4	4	2	5
19 - 20	1	7	6	1	4	2	6	2	2
20 - 21	2	6	6	4	2	2	5	3	1
21 - 22	3	5	8	2	1	3	5	2	2
22 - 23	4	5	8	1	2	2	5	2	2
23 - 24	5	4	7	1	2	2	5	2	3
SUMAS	68	112	156	42	60	62	138	67	39
% de frec. por dirección	9.1	15.0	21.1	5.6	8.0	8.3	18.6	9.0	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	Niebla	8	Ac As	8	Ac As	8	Ac	6	Ac	8	91	98	98
2	Niebla	8	St	8	St	8	Ns	8	Ns	8	6	6	7
3	St	8	St	8	St	8	St	8	St	8	8	8	8
4	St	8	St	8	St	8	St	8	St	8	3	6	7
5	Niebla	8	St	8	Cu 2 Ci 2	4	St	8	St	8	1	7	6
6	Claro	0	Ci	3	Ac 4 Ci 2	6	Cs	5	Ci	7	9	9	8
7	Ac 6 Ci 2	8	Cs	8	Cs	7	Cs	8	Ci	3	7	8	8
8	Ci	2	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
9	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
10	Ac	6	Cu 1 Ac 1	2	Cu 1 Ci 2	3	Ci	3	Ci	2	8	8	8
11	Ac	3	Ac	3	Sc 3 Ac 3	6	Sc	3	Ac	3	9	7	8
12	Sc 2 As 6	8	Sc 4 As 4	8	Sc 2 As 6	8	Sc 4 As 4	8	Sc 4 As 4	8	7	8	8
13	Sc	8	Sc 4 Ac 2	6	Ac 5 Ci 1	6	Claro	0	Claro	0	8	8	8
14	Claro	0	Claro	0	Ci	3	Cs	8	Cs	6	8	9	9
15	Cs	7	Cs	8	Ci	7	Cs	8	Cs	8	8	9	9
16	Ci	7	Ci	6	Ci	7	Ci	2	Claro	0	8	8	1
17	Ci	3	Ci	4	Ci	3	Ci	2	Claro	0	8	8	8
18	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	2	7	6
19	Cs	8	Cs	8	Sc	8	St	8	St	8	8	8	7
20	St	8	St	8	Sc	8	Cu	3	Sc	2	2	8	9
21	Claro	0	Cu	1	Cu	5	Sc	5	Sc	5	9	8	8
22	Sc	4	Claro	0	Cu	4	Claro	0	Claro	0	9	8	9
23	Ci	3	Ci	2	Ci	5	Cs	8	Cs	8	8	8	8
24	Ac	8	Ac 2 Cs 4	6	Ac 2 Ci 4	6	Ci	2	Claro	0	5	8	8
25	Cs	8	Cs	8	Cs	7	Claro	0	Claro	0	3	8	8
26	Ac 3 Cc 5	8	Ac 3 Cs 5	8	Ac 3 Cs 5	8	Ac	4	Claro	0	8	6	6
27	Sc	8	St 6 Ac 2	8	Cs	8	Ac	4	Ac	4	8	7	8
28	St 6 As 2	8	Sc 7 Ac 1	8	St 3 As 5	8	Fs	8	Fs	8	8	8	7
29	St	8	St	8	Sc	8	St	8	St	8	8	9	6
30	St	7	St	8	St	8	St	8	St	8	5	5	7
31	St	8	St	8	St	8	Sc	7	Sc	7	7	3	8
Prom.		6		6		6		5		4			

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	9.2	4.5	0.38	5	2	2	N.
	10	11.0	6.5	0.36	6	2	2	N.
	12	15.5	9.8	0.46	8	2	5	
	14	13.6	9.5	0.33	8	2	5	
	15	10.6	8.6	0.16	8	0	5	
2	9				8	0	2	LL., N.
	10				8	0	2	Z., Ne.
	12				8	0	2	Z., Ne.
	14				8	0	2	Z., Ne.
	15				8	0	2	Z., Ne.
3	9	9.6	9.2	0.03	8	0	4	
	10	11.6	9.6	0.16	8	0	4	
	12	11.2	9.4	0.15	8	0	5	
	14	11.0	9.5	0.12	8	0	5	
	15	11.0	9.2	0.15	8	0	5	
4	9				8	0	3	Z., Ne.
	10				8	0	3	Z., Ne.
	12				8	0	3	Z., Ne.
	14				8	0	3	Ne., Am.
	15				8	0	4	Ne., Am.
5	9				8	0	2	N., Am.
	10				8	0	2	N., Am.
	12				8	0	3	Ne., Am.
	14	35.6	20.3	1.24	4	5	4	Ne.
	15	32.4	19.4	1.06	3	5	4	Ne.
6	9	29.3	18.6	0.87	0	5	5	
	10	34.2	20.6	1.10	0	5	5	
	12	39.4	26.3	1.06	3	5	5	
	14	38.3	25.0	1.08	6	5	5	
	15	25.9	21.8	0.33	5	3	5	
7	9	24.6	17.0	0.62	8	3	5	
	10	33.5	20.4	1.06	7	5	5	
	12	36.6	24.5	0.98	8	5	5	
	14	35.8	24.8	0.88	7	4	5	
	15	39.0	23.0	1.30	7	4	5	
8	9	33.4	19.5	1.13	2	5	5	
	10	36.2	21.5	1.20	1	5	5	
	12	40.8	25.3	1.26	0	5	5	
	14	40.8	26.1	1.20	0	5	5	
	15	38.3	25.3	1.06	0	5	5	
9	9	32.5	19.6	1.05	0	5	5	
	10	36.4	21.7	1.20	0	5	5	
	12	39.5	24.6	1.21	0	5	5	
	14	39.0	25.4	1.10	0	5	5	
	15	35.0	24.5	0.85	0	5	5	
10	9	30.1	14.6	1.26	8	1	5	
	10	30.0	17.8	0.99	7	1	5	
	12	35.6	21.4	1.15	2	5	5	
	14	33.3	19.6	1.11	3	5	5	
	15	30.6	18.8	0.96	2	5	5	
11	9	24.5	10.8	1.11	1	5	5	
	10	29.0	13.5	1.26	2	5	5	
	12	28.0	14.4	1.10	3	5	4	B.
	14	13.5	11.0	0.20	6	1	4	B.
	15	11.6	10.4	0.10	5	1	4	B.
12	9	8.6	6.5	0.17	8	0	3	Ne.
	10	11.4	8.0	0.28	8	0	3	Ne.
	12	13.2	10.2	0.24	8	0	5	
	14	10.3	5.5	0.39	8	1	5	
	15	12.1	9.6	0.20	8	0	5	
13	9	9.0	6.4	0.21	8	0	5	
	10	14.0	8.5	0.45	8	1	5	
	12	27.0	13.7	1.08	6	3	5	
	14	22.9	12.9	0.81	6	5	5	
	15	29.1	14.1	1.22	4	5	5	
14	9	25.6	10.0	1.27	0	5	5	
	10	30.4	14.0	1.33	0	5	5	
	12	35.2	18.4	1.36	0	5	5	
	14	35.4	19.5	1.29	3	5	5	
	15	31.0	18.2	1.04	4	5	5	
15	9	17.5	11.2	0.51	7	2	5	
	10	25.5	14.3	0.91	6	4	5	
	12	28.0	17.0	0.88	8	4	5	
	14	33.5	19.5	1.14	7	5	5	
	15	24.5	17.0	0.61	7	5	5	
16	9	25.0	13.6	0.93	7	5	5	
	10	23.6	14.2	0.76	6	3	5	
	12	36.0	20.2	1.28	6	5	5	
	14	33.0	20.0	1.06	7	5	5	
	15	29.2	18.8	0.84	6	5	5	
17	9	26.5	11.8	1.20	1	5	5	
	10	31.1	15.0	1.31	1	5	5	
	12	35.1	18.3	1.36	4	5	5	
	14	34.6	18.8	1.28	3	5	5	
	15	31.2	17.5	1.11	2	5	5	
18	9	22.5	10.2	1.00	0	5	2	N.
	10	27.4	14.3	1.06	0	5	2	N.
	12	34.0	17.4	1.35	0	5	5	
	14	31.5	16.5	1.22	0	5	5	
	15	28.4	15.5	1.05	1	5	5	
19	9	21.4	11.5	0.80	8	3	5	
	10	26.6	13.5	1.06	7	3	5	
	12	26.0	15.0	0.88	8	3	5	
	14	15.8	12.8	0.24	8	0	5	
	15				8	0	4	Z.
20	9				8	0	1	Z.
	10				8	0	0	LL.
	12				8	0	5	Am.
	14				8	0	5	Am.
	15				8	0	5	Am.
21	9	24.6	9.5	1.23	0	5	5	
	10	28.2	12.0	1.32	0	5	5	
	12	32.4	15.0	1.41	1	5	5	
	14	34.5	17.0	1.42	5	5	5	
	15	29.4	14.6	1.20	2	5	5	
22	9	22.6	8.4	1.15	5	5	5	
	10	27.0	10.5	1.34	1	5	5	
	12	30.5	13.5	1.38	0	5	5	
	14	31.0	14.0	1.38	4	5	5	
	15	28.6	13.5	1.23	4	5	5	
23	9	23.1	7.7	1.25	1	5	5	
	10	28.0	12.0	1.30	1	5	5	
	12	32.7	16.0	1.36	2	5	5	
	14	30.6	17.0	1.10	5	5	5	
	15	32.0	17.6	1.17	5	5	5	
24	9	14.2	9.0	0.42	8	3	5	
	10	26.5	13.6	1.05	6	5	5	
	12	26.0	15.0	0.88	6	3	5	
	14	31.5	17.0	1.18	6	5	5	
	15	21.4	14.0	0.60	5	5	5	
25	9	24.8	10.6	1.15	3	5	2	Ne.
	10	28.3	14.2	1.15	3	5	3	B.
	12	21.5	13.3	0.67	8	4	5	
	14	33.6	17.4	1.32	7	5	5	
	15	25.0	14.0	0.88	7	5	5	
26	9	26.7	13.2	1.10	7	5	5	
	10	30.2	15.6	1.19	8	5	5	
	12	22.7	18.2	0.36	8	5	5	
	14	29.9	17.0	1.05	8	5	4	Ne.
	15	31.5	17.2	1.16	8	5	4	Ne.
27	9	20.0	16.5	0.28	7	1	4	Ne.
	10	26.3	18.8	0.61	7	3	4	Ne.
	12	30.8	22.0	0.72	8	3	5	
	14	35.6	26.0	0.78	8	3	5	
	15	32.0	24.2	0.63	8	3	5	
28	9				8	0	4	LL., Ne.
	10				8	0	4	LL., Ne.
	12				8	0	5	Am.
	14				8	0	5	Am.
	15				8	0	5	Z.
29	9				8	0	4	Ne., Am.
	10				8	0	4	Ne., Am.
	12				8	0	5	Am.
	14				8	0	5	Am.
	15				8	0	5	Am.
30	9	24.0	13.5	0.85	5	4	5	
	10	24.0	15.0	0.73	7	3	5	
	12	15.4	12.1	0.27	8	0	3	Ne.
	14	13.5	11.4	0.17	8	0	3	Ne.
	15	14.0	11.6	0.20	8	0	3	Ne.
31	9				8	0	5	Am.
	10				8	0	5	Z.
	12				8	0	3	Z., Ne.
	14				8	0	2	Z., Ne.
	15				8	0	3	Z.

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	9.8	00
2															0.0	9.8	00
3															0.0	9.8	00
4															0.0	9.8	00
5									1.0	1.0	0.8				2.8	9.8	29
6			0.2	1.0	1.0	1.0	1.0	1.0	0.9						6.1	9.8	62
7				0.2	0.9	1.0	1.0	0.5	0.3						3.9	9.9	39
8			0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	9.9	85
9			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
10				0.3		0.4	1.0	1.0	0.6	1.0	0.8				5.1	9.9	52
11				0.8	1.0	1.0	1.0	0.6							4.4	9.9	44
12															0.0	9.9	00
13						0.3	0.3	0.7	0.7	1.0	1.0	0.3			4.3	9.9	43
14			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				7.5	9.9	76
15					0.1	0.8	0.2	0.9	1.0	0.5					3.5	9.9	35
16				0.8	0.5	1.0	1.0	1.0	0.9	0.7	0.5				6.4	9.9	65
17				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.0	10.0	80
18				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0				7.8	10.0	78
19				0.2	0.5	0.7	1.0	0.7							3.1	10.0	31
20															0.0	10.0	00
21			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.9	10.0	89
22			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.6	10.1	85
23			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				7.6	10.1	75
24					0.1	0.6		0.7	1.0	0.5	0.2				3.1	10.1	31
25				0.7	1.0	1.0	0.7	1.0	1.0	1.0	0.8				7.2	10.1	71
26				0.7	1.0	1.0	1.0	0.9	1.0	1.0	0.1				6.7	10.2	66
27						0.6	0.8	0.6							2.0	10.2	20
28															0.0	10.2	00
29															0.0	10.2	00
30				0.5	1.0	0.5									2.0	10.3	19
31					0.1										0.1	10.3	01
Medias			0.0	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.1			4.1	10.0	41

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	7.2	8.0	8.4	7.4	7.7	8.1	6.6	6.4	6.8	7.5	7.2	7.5	11.3	11.2	11.1
2	8.2	9.0	9.3	8.1	8.5	8.4	7.0	7.0	7.0	7.6	7.6	7.6	11.1	11.1	11.1
3	9.6	10.2	10.4	9.4	9.6	9.7	8.6	7.6	8.2	8.0	8.0	8.4	11.1	11.2	11.2
4	10.0	10.0	9.9	9.3	9.4	9.4	8.0	8.0	8.0	8.6	8.4	8.4	11.5	11.6	11.6
5	10.0	11.4	11.8	9.6	10.3	11.0	8.0	8.4	9.0	8.4	8.7	9.0	11.6	11.8	11.8
6	11.8	13.8	14.0	11.0	12.2	12.9	9.2	9.8	10.4	9.4	9.4	10.1	12.2	12.4	12.6
7	13.0	14.4	15.5	12.4	13.2	12.8	10.6	10.6	10.5	10.4	10.4	10.4	13.0	13.1	13.0
8	14.0	15.4	15.4	13.4	14.2	14.4	11.4	11.4	12.0	11.2	11.2	11.8	13.7	13.8	13.8
9	14.0	15.4	15.4	13.4	14.1	14.2	11.8	11.8	12.2	11.8	11.8	11.8	14.3	14.4	14.4
10	13.6	14.6	14.0	13.3	13.8	13.6	11.4	11.4	11.8	11.6	11.6	11.8	14.4	14.5	14.4
11	11.6	12.4	12.3	12.0	12.2	12.0	10.6	10.4	10.8	11.4	11.0	11.2	14.4	14.2	14.0
12	10.8	11.1	11.2	10.8	10.9	10.8	9.8	9.7	9.6	10.8	10.4	10.2	14.0	13.9	13.8
13	10.4	11.3	10.6	10.2	10.6	10.6	9.2	9.3	9.4	10.0	9.9	9.9	13.4	13.4	13.2
14	8.2	10.6	10.8	8.8	9.8	10.4	8.2	8.2	9.0	9.2	9.0	9.4	13.0	12.8	12.9
15	10.2	11.2	11.6	9.8	10.4	10.9	8.8	8.6	9.3	9.4	9.2	9.6	12.8	12.6	12.8
16	10.4	12.0	11.6	10.2	11.0	11.2	9.0	8.8	9.6	8.6	9.2	9.8	12.9	12.6	12.8
17	10.0	11.0	11.0	10.0	10.5	10.7	9.0	8.8	9.3	9.8	9.4	9.7	12.9	12.6	12.9
18	8.4	10.4	10.0	8.9	9.7	9.9	8.2	8.2	8.6	9.2	9.0	9.2	11.6	11.4	11.4
19	9.4	10.6	10.6	9.2	9.8	10.2	8.4	8.1	8.6	9.0	9.0	8.8	11.4	11.6	11.2
20	11.0	12.0	12.0	10.8	11.2	11.3	9.0	9.4	9.4	9.4	9.6	9.8	11.4	11.6	11.6
21	9.2	10.6	10.6	9.4	10.1	10.2	8.6	8.4	8.8	9.2	9.0	9.4	11.4	11.5	11.5
22	8.4	9.4	9.2	8.7	9.0	9.1	8.1	7.4	7.8	9.1	8.4	8.8	11.5	11.2	11.2
23	7.4	8.8	9.3	7.5	8.2	8.8	7.2	6.8	7.6	8.3	7.6	8.0	11.0	10.4	10.6
24	8.9	10.0	9.8	8.6	9.2	9.5	7.6	7.4	8.0	8.1	8.0	8.4	10.6	10.5	10.6
25	7.4	9.2	9.6	7.9	8.6	9.0	7.2	7.0	7.8	8.2	7.6	8.2	10.7	10.6	10.6
26	9.2	10.8	11.0	8.9	9.9	10.2	7.6	8.0	8.6	8.3	8.3	8.6	10.6	10.9	10.9
27	11.3	13.6	14.0	10.7	11.8	12.7	9.0	9.4	10.3	9.1	9.4	9.6	11.3	11.4	11.6
28	14.2	15.2	15.0	13.4	14.0	14.2	10.6	11.6	12.0	10.4	11.1	11.4	12.0	12.6	11.9
29	13.8	12.6	13.6	13.2	12.9	12.9	11.4	11.2	11.2	11.6	11.4	11.2	13.2	13.2	13.2
30	13.0	12.8	12.8	12.5	12.4	12.4	10.9	10.6	10.8	11.2	10.8	11.2	13.7	13.4	13.6
31	12.8	12.6	12.8	12.1	12.2	12.4	10.6	10.2	10.4	11.0	10.6	11.0	12.6	13.5	13.6
Prom.	10.6	11.6	11.7	10.4	10.9	11.1	9.1	9.0	9.4	9.5	9.4	9.7	12.3	12.3	12.3

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	7.3	7.8	6.8	6.2	1	0.4	0.1	0.4	0.7	R. 6	21.0	25.3	25.4			11873
2	28.1	29.6	28.1	25.4	2	0.2	0.1	0.1	0.3							11871
3	0.0	0.1	0.0	0.0	2	0.1	0.1	0.2	0.4							11874
4	0.0	0.0	0.0	0.0	2	0.1	0.1	0.3	0.4							11818
5					2	0.0	0.1	0.1	0.5							11819
6					2	0.3	1.1	0.7	2.0	R. 7	21.8	22.0	25.5			11900
7					2	0.2	0.8	0.3	2.1							11799
8					1	1.0	1.3	1.1	3.5							11795
9					1	1.1	2.1	1.3	4.7							11780
10					1	1.3	1.3	0.8	2.5							11777
11					1	0.4	0.4	0.3	0.8	R. 8	22.5	20.0	24.6	25.3		11779
12					1	0.1	0.3	0.0	1.1							11778
13					0	0.8	0.4	0.3	1.1							11776
14					0	0.4	0.6	1.1	2.4							11774
15					0	0.7	1.3	0.9	3.2							11772
16					0	1.0	1.1	0.6	2.3	R. 9	19.4	19.8	24.5			11769
17					0	0.6	1.0	0.8	1.9							11770
18					0	0.1	1.1	0.9	2.3							11776
19	2.4	2.0	1.3	1.6	0	0.3	0.8	0.6	1.4							11769
20	2.0	2.3	2.0	1.6	2	0.0	0.1	0.1	0.5							11762
21					1	0.3	0.7	0.6	2.5	R. 10	23.5	20.9	22.1			11763
22					1	1.2	0.4	0.6	1.6							11763
23					0	0.6	0.4	2.8	4.8							11762
24					0	1.6	0.6	0.4	1.3							11758
25					0	0.3	0.7	1.1	1.9							11761
26					0	0.1	0.7	0.3	2.0	R. 11	21.2	20.4	25.9			11759
27					1	1.0	0.2	0.8	3.0							11758
28	25.7	26.6	25.5	24.8	0	2.0	0.4	0.3	0.9							11752
29					2	0.2	0.3	0.3	0.9							11751
30	5.8	7.0	5.6	5.9	2	0.3	0.4	0.2	0.7							11749
31	0.0	0.3	0.0	0.0	2	0.1	0.1	0.5	0.8							11735
Prom.	71.3	75.7	69.3	65.5	-	0.5	0.6	0.6	1.7	-	-	-	-	-	-	11785

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
10.1	10.0	10.0	12.5	12.5	12.5	16.5	18.2	- 2.6	Cn. m. t. y n., N. m., LL. n.
9.8	9.8	9.8	12.7	12.3	12.3	16.5	18.2	3.6	Cn. m. t. y n., LL. m. t. y n., Z. t, Ne. t.
9.8	9.8	9.8	12.3	12.3	12.3	16.2	17.4	8.7	Cn. m. t. y n., Z. t. y n.
10.0	10.1	10.1	12.3	12.3	12.3	16.0	17.5	5.4	Cn. m. t. y n., Z. m., Ne. t. y n.
10.3	10.3	10.4	12.2	12.2	12.3	16.0	17.6	7.6	Cn. m. t. y n., N. m., Ne. t. y n., Jl. n.
10.4	10.6	11.0	12.4	12.4	12.4	15.9	17.7	8.7	Ca. m. y t., Cn. n., r. m. y n., Jl.Dl. n.
11.4	11.4	11.4	12.6	12.7	12.7	15.9	17.8	7.3	Cn. m. y t., Ca. n., Ne. m.
12.0	12.0	12.0	12.7	12.7	12.7	15.8	17.7	10.8	Ca. m. t. y n.
12.5	12.6	12.5	12.9	12.9	12.9	15.8	17.7	9.8	Ca. m. t. y n., r.Dl. n.
12.5	12.5	12.5	13.2	13.2	13.2	15.7	17.7	9.2	Ca. t. y n., Cn. m., r. m. y n.
12.6	12.6	12.6	13.2	13.3	13.3	15.8	17.6	10.7	Ca. m. y n., Cn. t., r. m. y n., Ne. t.
12.5	12.5	12.5	13.2	13.2	13.2	15.7	17.5	- 1.0	Cn. m. t. y n., r. m. y n.
12.1	12.1	11.9	13.4	13.3	13.2	15.7	17.5	2.4	Cn. m. y t., Ca. n., r. m. y n.
11.7	12.6	12.6	13.1	13.3	13.3	15.7	18.5	- 5.1	Ca. m. y t., Cn. n., h. m.
11.6	11.5	11.6	13.1	13.2	13.1	15.7	17.5	4.0	Cn. m. t. y n., r. m.
11.6	11.6	11.6	13.1	13.2	13.2	15.6	17.4	-	Cn. m. y t., Ca. n., r. m. y n., N. n.
11.7	11.7	11.6	13.0	13.2	13.2	15.7	17.4	-	Cn. m., Ca. t. y n., r. m. t. y n.
11.5	11.5	11.4	13.1	13.1	13.1	15.6	17.2	-	Ca. m. t. y n., N. m., B. t., r. n.
11.2	11.4	11.4	13.0	13.0	13.0	15.6	17.3	-	Cn. m. t. y n., r. m., Z. t. y n.
11.2	11.3	11.4	13.0	12.9	12.9	15.5	17.3	-	Cn. m. y t., Ca. n., Z. m. y t.
11.5	11.5	11.4	12.7	13.0	12.8	15.6	17.2	-	Ca. m., Cn. t. y n., h. m.
11.3	11.1	11.0	12.7	12.8	12.8	15.5	17.1	- 3.5	Cn. m. y t., Ca. n., r. n.
10.8	10.6	10.6	12.6	13.1	13.0	15.5	17.1	- 5.0	Ca. m., Cn. t. y n., h. m.
10.6	10.5	10.6	12.6	12.7	12.6	15.5	17.0	2.6	Cn. m. y t., Ca. n., N. m., r. n.
10.5	10.5	10.5	12.4	12.7	12.7	15.5	17.0	- 5.6	Cn. m. y t., Ca. n., h.Ne. m., r. n.
10.5	10.5	10.5	12.5	12.5	12.5	15.5	17.0	2.9	Cn. m. y t., Ca. n., r. m., Ne. t. y n.
10.8	10.8	11.0	12.4	12.4	12.5	15.5	17.0	7.1	Cn. m. t. y n., r. m.
11.5	11.8	11.9	12.5	12.5	12.5	15.4	17.0	15.0	Cn. m. t. y n., Ru.LL.CH. m. y t., Ru.LL. n.
12.2	12.2	12.3	12.5	12.6	12.7	15.3	16.5	10.0	Cn. m. t. y n., Ne. n.
12.5	12.5	12.5	12.8	12.8	12.7	15.1	16.7	9.1	Cn. m. t. y n., Ne. m. y t., Z. n.
12.5	12.5	12.7	12.9	13.0	13.0	15.2	16.8	9.8	Cn. m. t. y n., Ru. m., CH. m., Z. m. y t.
11.3	11.4	11.4	12.8	12.8	12.8	15.7	17.4	4.9	

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	62.8	73.2	1	10	52.7	9	16	12.5	16.4	9.0	24.3	8	15	0.1	1	8	3.5	9.8	35
2ª	61.2	68.5	18	11	54.4	16	6	8.7	13.3	4.0	16.5	16	14	- 0.3	18	7	4.5	9.9	45
3ª	60.4	67.6	25	9,10,11	49.9	28	14-15	10.1	14.5	5.9	23.9	27	14-15	- 1.0	23	4,6,8	4.2	10.2	42
MES	61.4	73.2	1	10	49.9	28	14-15	10.4	14.7	6.3	24.3	8	15	- 1.0	23	4,6,8	4.1	10.0	41

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	88	100	varios	56	10	9.4	15.0	4.4	NE	18	60	8,9, 10	30	9	11-12	45	NW	9	12.36 12.45	37.5	29.6	2	5.5	2	21-22
2ª	81	100	varios	42	17	6.7	11.0	4.2	W	12	72	19	26	19	11-12	42	E	19	12.10	4.3	2.3	20	1.4	20	10-11
3ª	80	100	31	45	23	7.5	15.5	2.8	E	8	72	23	29	23	14-15	50	SW	28	23.00	33.9	26.6	28	8.5	28	9-10
MES	83	100	varios	42	17	7.9	15.5	2.8	E	9	72	19, 23	30	9	11-12	50	SW	28	23.00	75.7	29.6	2	8.5	28	9-10

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

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	3	-	-	-	-	-	2	2	-	-	-	1	6	-	-	-
2ª	8	1	-	-	-	-	-	-	-	-	-	2	4	1	-	-
3ª	5	3	-	-	-	-	-	-	-	-	-	-	5	2	-	-
MES	16	4	-	-	-	-	2	2	-	-	-	3	15	3	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII AGOSTO 1952 Nº 8

RESUMEN MENSUAL

Al iniciarse el mes predominan vientos del S. El cielo se despeja rápidamente y mientras la presión aumenta, la temperatura y humedad absoluta acusan franco descenso. El 3 en el centro de un anticiclón regístrase la temperatura más baja de todo el invierno con -4.7°C. El mismo día también la tensión del vapor alcanza su nivel mínimo mensual con 3.0 mmHg. Al desplazarse el anticiclón hacia el E se establece una corriente del N, por lo que temperatura y humedad aumentan hasta alcanzar valores normales. El día 6, un débil frente frío atraviesa el Observatorio sin alterar el buen tiempo reinante. Hacia el fin de la década las condiciones meteorológicas son inestables; una corriente del sector N aumenta la nubosidad y se producen ligeras lluvias. Por la mañana del 10 un nuevo empuje de aire frío restablece de nuevo el buen tiempo.

Desde el principio de la segunda década presiéntese un fuerte avance de aire de origen tropical. La temperatura y humedad acusan un continuo ascenso y la presión atmosférica baja en forma pronunciada hasta alcanzar el mínimo mensual de 749.6 mmHg el día 16 en una zona frontal que se forma entre este aire caluroso y húmedo, y una aeromasa polar. El intenso arribo de las masas polares hace subir la presión casi 24.0 mmHg en dos días registrándose el 18 el valor máximo mensual con 773.4 mmHg. En los dos últimos días de la década una nueva corriente del sector N ejerce su influencia característica sobre el estado del tiempo.

En los tres primeros días de la última década continúa la corriente del N; predomina aire caliente y húmedo. Hay elevada nubosidad y temperaturas de hasta 9.0°C sobre el término medio. La temperatura máxima mensual se registra en la media noche del 22 al 23, fecha en que la humedad absoluta marca el valor más alto del mes. Aire fresco del SW llega por la tarde del 23 con lluvias intensas. La afluencia de estas aeromasas continúa durante los tres días subsiguientes, manteniéndose sin embargo el alto grado de nubosidad. El 27 la temperatura y humedad retoman valores que corresponden al fin del invierno. El viento gira al NE y llega aire marítimo de origen tropical. El tiempo se inestabiliza vislumbrándose ya la tormenta llamada de Santa Rosa, la que descarga el mismo 30 intensas lluvias. El último día del mes una masa de aire fresco marítimo desplaza el aire tropical ambiente.

Los distintos elementos meteorológicos varían este mes en forma normal; obsérvase sólo, con respecto al término medio, una desviación térmica positiva de casi un grado, y un 25% más en la precipitación pluviométrica.

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	62	69	55	69	- 83	62	97	76	145	138	110	104	124	69	97
2	76	76	69	76	97	117	179	259	246	159	159	138	110	110	117
3	152	166	159	166	220	233	233	259	259	220	104	159	193	166	159
4	193	186	124	131	166	152	179	207	239	172	117	104	124	124	166
5	145	138	110	124	138	172	207	259	226	207	172	138	131	159	207
6	124	104	104	152	207	233	226	220	284	252	193	172	152	124	117
7	179	166	131	138	239	278	265	259	252	310	278	239	193	207	166
8	110	104	97	104	117	104	104	166	159	138	138	110	152	159	193
9	55	62	69	62	- 28	69	110	152	172	104	97	69	76	41	69
10	166	179	220	220	117	104	138	117	159	110	104	152	117	117	110
11	193	200	186	179	152	152	179	-	-	-	-	-	-	-	-
12	200	179	252	117	138	131	145	159	179	310	160	124	124	124	152
13	-	-	-	-	-	-	-	110	152	124	110	104	90	90	97
14	110	90	69	69	83	104	104	166	193	110	83	76	69	97	83
15	310	431	385	368	304	291	284	233	284	233	233	152	138	145	104
16	233	297	159	200	159	110	- 48	- 34	69	166	97	104	83	90	97
17	97	83	110	83	69	104	131	159	117	131	152	131	117	117	104
18	90	90	76	76	97	97	145	179	284	272	259	220	166	138	159
19	83	83	69	48	55	55	104	152	152	124	104	104	152	152	166
20	90	90	97	124	117	145	159	186	172	179	186	138	179	172	179
21	76	62	62	69	55	48	69	83	90	90	83	83	97	124	117
22	83	69	69	83	76	62	48	90	104	104	172	-220	186	-312	391
23	83	83	76	104	90	97	110	97	- 76	34	-374	-124	-231	-110	-267
24	-	-	272	110	104	- 48	69	55	62	- 34	-174	- 34	97	- 21	-124
25	62	76	76	76	69	62	62	76	76	76	69	69	76	76	76
26	62	83	83	110	104	131	166	233	179	104	104	104	97	104	104
27	172	138	138	193	138	97	172	213	193	138	131	124	110	97	97
28	159	179	152	138	179	124	200	207	246	350	265	200	124	110	117
29	97	90	90	55	83	76	97	104	166	173	104	124	104	179	138
30	97	138	97	172	152	138	193	259	291	278	297	297	186	272	246
31	-	-	-	-	138	-167	34	124	124	138	28	41	90	97	90
Prom.	116.4	113.3	109.6	109.1	108.0	122.6	149.6	176.9	190.4	175.8	144.4	131.0	126.7	125.7	131.5

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	1.40	1.21	2.61	1.16	433	533	966	0.81	2.26	1.59
2	0.96	0.68	1.64	1.41	373	499	872	0.75	1.79	0.95
3	0.67	0.43	1.10	1.56	167	245	412	0.68	2.80	1.23
4	0.80	0.63	1.43	1.27	235	480	715	0.49	2.38	0.92
5	0.86	0.65	1.51	1.32	239	414	653	0.58	2.53	1.09
6	1.08	0.82	1.90	1.32	221	272	493	0.81	3.42	2.52
7	0.76	0.46	1.22	1.65	199	293	492	0.68	2.69	1.10
8	-	-	-	-	281	525	806	0.53	-	-
9	1.00	0.90	1.90	1.11	217	356	573	0.61	3.22	1.77
10	0.76	0.59	1.35	1.29	232	281	513	0.82	2.29	1.47
11	0.63	0.45	1.08	1.40	199	252	451	0.79	2.21	1.25
12	0.53	0.46	0.99	1.15	188	339	527	0.55	1.97	0.95
13	0.71	0.57	1.28	1.25	210	370	580	0.57	2.36	1.08
14	0.75	0.58	1.33	1.29	195	217	412	0.90	2.69	1.87
15	0.43	0.40	0.83	1.07	149	262	411	0.57	2.01	1.07
16	1.38	1.30	2.68	1.06	523	700	1223	0.75	1.85	1.30
17	1.33	1.12	2.45	1.18	529	593	1122	0.89	1.76	1.32
18	0.88	0.66	1.54	1.33	450	358	808	1.25	1.37	1.29
19	0.92	0.75	1.67	1.23	620	480	1100	1.29	1.04	1.09
20	1.00	0.76	1.76	1.32	699	441	1140	1.58	1.00	1.21
21	0.98	0.73	1.71	1.34	512	936	1448	0.55	1.34	0.54
22	0.94	0.85	1.79	1.11	390	219	609	1.78	1.68	2.71
23	0.90	0.89	1.79	1.01	447	552	999	0.81	1.41	1.13
24	1.62	1.61	3.23	1.01	914	1034	1948	0.88	1.24	1.09
25	1.58	1.48	3.06	1.07	985	927	1912	1.06	1.12	1.12
26	1.03	0.83	1.86	1.24	766	606	1372	1.26	0.94	0.96
27	0.84	0.65	1.49	1.29	458	336	794	1.36	1.28	1.35
28	0.72	0.51	1.23	1.41	409	217	626	1.89	1.23	1.65
29	0.65	0.56	1.21	1.16	278	217	495	1.28	1.63	1.81
30	0.85	0.74	1.59	1.15	403	456	859	0.88	1.48	1.13
31	1.06	0.86	1.92	1.23	702	558	1260	1.26	1.06	1.08
Prom.	0.93	0.77	1.70	1.21	409	442	851	0.93	1.59	1.22

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
131	131	145	159	152	138	131	104	83	98.7	740	-709	1449	1
110	138	226	284	284	278	246	213	179	164.4	350	55	295	0
166	179	207	304	316	297	259	297	297	215.4	437	55	382	0
152	193	246	239	193	207	193	172	138	171.5	316	55	261	0
193	220	259	272	291	259	233	272	220	198.0	345	83	262	0
117	124	124	124	69	69	117	152	152	154.7	333	34	299	0
138	124	200	322	310	310	272	291	252	230.0	391	62	329	0
179	172	179	166	179	272	172	97	76	143.6	328	41	287	0
55	69	62	83	104	166	213	193	97	92.5	272	-414	686	1
104	110	172	226	297	239	239	239	246	166.7	350	28	322	0
-	-	-	-	-	-	328	272	159		385	90	295	0*
166	159	166	213	246	193	152	62	34	162.1	420	00	420	0
124	138	138	131	14	97	145	193	131		374	69	443	1*
110	131	145	131	159	97	145	220	284	122.0	328	- 7	335	1
110	131	-203	-193	-110	- 55	104	138	124		593	-671	1264	2
97	117	117	138	124	90	83	110	97		704	-213	917	2
97	90	117	110	138	117	83	83	69	108.7	213	55	158	0
152	104	159	152	124	124	124	138	97	146.7	304	69	235	0
172	220	186	233	246	159	117	110	110	131.5	310	28	282	0
207	213	207	220	193	152	131	131	90	156.5	246	69	177	0
193	193	252	259	259	193	159	124	138	124.1	310	14	296	0
207	166	172	138	152	117	124	138	124		710	-901	1611	2
-382	-181	397	48	62	104	- 28	397	391		693	-910	1603	2
69	76	97	83	69	55	55	55	55		646	-778	1424	2
83	69	97	138	166	138	69	69	69	82.2	200	14	186	0
104	104	97	138	131	131	131	138	145	120.3	310	- 69	379	1
97	76	138	159	138	90	145	159	145	137.4	368	21	347	0
152	246	272	200	220	124	41	104	97	175.2	477	- 83	560	1
173	159	97	76	104	138	145	131	145	118.7	233	- 14	247	1
-	-	-	-	-	-	-	-	-		∞	- ∞	-	3*
110	138	152	284	350	297	207	172	138		∞	- ∞	-	3*
138.7	146.5	170.6	191.3	196.3	176.9	159.9	159.0	143.8	146.7				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
3813	2766	6579	1.38	8.70	14,500
7143	5906	13049	1.21	9.00	18,500
12895	11184	24079	1.16	7.90	29,250
7880	6506	14386	1.21	8.17	-
8509	6463	14972	1.31	10.25	20,250
7778	7428	15206	1.04	9.80	10,250
13238	12352	25590	1.06	9.35	43,500
10789	8338	19127	1.30	-	28,000
8017	6838	14855	1.17	5.86	26,250
8998	8659	17657	1.04	7.48	25,500
13954	13228	27182	1.05	-	82,700
24446	27136	51682	0.90	5.35	28,500
11529	9673	21202	1.04	-	15,750
11585	10174	21659	1.14	5.41	13,250
20089	18583	38672	1.08	-	78,250
5872	4283	10155	1.36	-	17,000
4976	4583	9559	1.08	8.86	24,000
8823	8001	16824	1.10	7.53	22,250
7708	6880	14588	1.12	7.33	17,000
8113	6580	14693	1.23	9.18	10,500
8649	8233	16882	1.05	7.07	11,250
11760	11109	22869	1.06	-	58,250
9468	9308	18776	1.02	-	18,000
3017	2178	5195	1.38	-	-
3438	2616	6054	1.31	8.38	-
9238	9086	18324	1.02	7.63	21,250
11041	10342	21383	1.09	6.81	7,500
14371	13382	27753	1.08	7.20	24,250
15536	14766	30302	1.05	4.79	23,000
16865	15132	31997	1.12	-	73,500
5308	4858	10166	1.09	-	-
9893	8859	18752	1.12	7.72	28,230

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.50	1.85	2.00	1.64	1.06	1.58	1.43	1.44	1.36	1.46	1.07	1.49
2	1.32	1.44	1.53	1.69	1.46	0.89	0.79	0.66	0.63	1.01	0.98	1.01
3	0.72	0.80	0.69	0.87	0.84	0.73	0.79	0.72	0.69	0.77	1.25	0.64
4	0.62	0.69	0.56	0.62	0.56	0.56	0.49	0.60	0.62	0.81	1.12	1.23
5	0.92	0.93	1.06	0.89	0.78	0.65	0.62	0.45	0.83	0.87	1.30	1.13
6	1.36	1.68	1.53	1.04	0.91	0.84	0.76	0.68	0.90	0.85	1.00	1.19
7	0.65	0.85	1.05	1.10	0.75	0.64	0.66	0.63	0.71	0.63	0.64	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	1.03	1.14
10	0.56	0.49	0.78	0.86	0.96	0.77	0.67	0.60	0.59	0.66	0.61	0.69
11	0.64	0.69	0.79	0.89	0.86	1.00	0.78	0.66	0.71	0.62	0.57	0.48
12	0.32	0.30	0.32	0.42	0.45	0.40	0.48	0.43	0.46	0.34	0.82	0.72
13	0.34	0.34	0.33	0.40	0.41	0.37	0.51	0.58	0.71	0.82	0.96	1.02
14	0.80	0.85	0.88	0.70	0.62	0.70	0.70	0.56	0.65	0.76	1.10	1.12
15	0.42	0.29	0.33	0.29	0.33	0.34	0.31	0.30	0.26	0.30	0.41	0.51
16	0.52	0.75	1.03	1.10	1.14	1.12	1.26	1.64	2.12	1.66	1.54	1.60
17	1.71	1.78	1.35	1.60	1.92	1.58	1.08	0.92	1.37	1.36	1.32	1.02
18	1.21	1.25	1.36	1.45	1.20	1.02	1.07	0.80	0.80	0.79	0.68	0.82
19	0.91	1.01	1.53	0.79	1.04	1.16	0.98	0.80	0.84	0.94	1.00	0.99
20	1.46	1.56	1.46	1.36	1.12	0.90	0.97	0.84	0.90	0.86	0.87	0.90
21	1.30	1.31	1.33	1.18	1.28	1.20	1.24	1.05	1.00	0.91	0.98	0.96
22	1.00	1.15	1.16	1.08	1.20	1.06	1.16	1.19	1.14	1.09	1.14	0.90
23	0.88	0.79	0.91	0.71	0.68	0.61	0.57	0.78	0.97	1.04	0.97	1.32
24	0.86	0.92	1.68	1.86	1.68	1.99	2.04	2.02	1.73	1.44	1.74	1.78
25	1.79	1.61	1.80	1.85	1.74	1.72	1.83	1.52	1.36	1.44	1.54	1.60
26	1.76	1.40	1.46	1.15	1.25	1.03	0.80	0.76	1.06	1.38	1.34	1.28
27	0.61	0.59	0.65	0.79	0.64	0.63	0.63	0.76	1.01	1.08	1.02	1.12
28	0.73	0.75	0.67	0.69	0.95	0.86	0.66	0.75	0.66	0.68	0.72	0.82
29	0.58	0.65	0.63	0.60	0.53	0.58	0.61	0.58	0.58	0.66	0.72	0.72
30	0.74	0.63	0.69	0.82	0.85	0.88	0.73	0.82	0.88	0.88	0.76	0.68
31	1.13	0.89	0.93	0.81	1.10	0.55	1.78	1.06	1.22	1.26	1.10	1.14
Promedio	0.94	0.97	1.05	1.01	0.98	0.91	0.91	0.85	0.92	0.94	1.01	1.04

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	1.53	1.88	2.13	0.98	1.56	1.56	1.36	1.46	1.34	1.34	1.24	1.26
2	1.13	1.01	0.92	0.83	0.81	0.58	0.49	0.42	0.43	0.77	0.80	0.94
3	0.37	0.42	0.32	0.38	0.37	0.37	0.44	0.40	0.40	0.49	0.92	0.65
4	0.42	0.44	0.41	0.47	0.34	0.34	0.37	0.45	0.53	0.76	1.06	1.09
5	0.60	0.65	0.72	0.55	0.67	0.55	0.42	0.37	0.60	0.80	1.07	0.98
6	1.07	1.08	0.93	0.55	0.53	0.62	0.49	0.51	0.74	-	0.84	1.07
7	0.46	0.46	0.51	0.56	0.42	0.39	0.44	0.39	0.49	0.46	0.51	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	1.01	1.06
10	0.51	0.49	0.68	0.52	0.68	0.62	0.51	0.47	0.42	0.51	0.51	0.58
11	0.44	0.36	0.40	0.55	0.46	0.51	0.43	0.42	0.49	0.44	0.55	0.58
12	0.25	0.20	0.27	0.33	0.33	0.38	0.36	0.38	0.37	0.51	0.62	0.60
13	0.29	0.29	0.29	0.32	0.34	0.32	0.42	0.44	0.51	0.67	0.81	0.88
14	0.55	0.54	0.65	0.54	0.49	0.49	0.56	0.43	0.49	0.80	0.84	0.96
15	0.36	0.27	0.29	0.29	0.29	0.29	0.29	0.27	0.23	0.29	0.32	0.46
16	0.47	0.73	0.87	0.99	1.05	1.31	1.44	2.08	2.07	1.41	1.39	1.36
17	1.26	1.62	1.20	1.51	1.84	0.89	0.77	0.94	1.40	1.22	1.12	0.92
18	0.96	1.05	1.05	0.95	0.84	0.65	0.72	0.47	0.51	0.60	0.67	0.74
19	0.58	0.83	0.90	0.74	1.11	0.85	0.58	0.55	0.64	0.81	0.97	1.13
20	1.21	1.26	1.13	0.93	0.72	0.59	0.60	0.56	0.69	0.69	0.70	0.72
21	1.05	1.10	1.03	1.05	1.16	1.14	1.00	0.86	0.77	0.77	0.73	0.71
22	0.73	0.95	1.02	1.05	1.12	1.03	1.07	0.95	0.92	0.87	0.84	1.16
23	0.75	0.67	0.78	0.44	0.60	0.46	0.47	0.77	0.77	0.87	1.02	0.89
24	1.07	1.16	0.92	1.81	1.51	2.02	2.05	1.93	1.83	1.60	1.64	1.55
25	1.80	1.64	1.70	1.96	1.72	1.69	1.80	1.46	1.23	1.34	1.36	1.54
26	1.47	1.05	1.02	1.05	0.95	0.68	0.58	0.59	0.96	1.25	1.08	1.20
27	0.42	0.44	0.51	0.46	0.49	0.46	0.42	0.51	0.77	0.90	0.80	0.97
28	0.52	0.49	0.41	0.47	0.47	0.52	0.45	0.47	0.45	0.44	0.58	0.65
29	0.51	0.51	0.55	0.49	0.47	0.51	0.49	0.51	0.53	0.64	0.69	0.67
30	0.69	0.51	0.58	0.71	0.69	0.68	0.56	0.69	0.83	0.80	0.67	0.39
31	1.02	0.82	0.96	0.57	0.43	1.09	1.63	0.91	0.87	0.96	1.08	1.10
Promedio	0.78	0.79	0.80	0.76	0.77	0.74	0.73	0.71	0.77	0.82	0.88	0.92

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.35	1.66	1.73	1.35	1.17	1.15	1.10	1.57	1.05	1.06	1.23	1.42	1.40
1.17	1.13	0.97	0.95	0.95	0.66	0.84	0.60	0.59	0.57	0.63	0.72	0.96
0.63	0.51	0.63	0.66	0.65	0.81	0.45	0.40	0.39	0.48	0.48	0.46	0.67
1.34	1.18	1.11	1.06	1.07	1.00	0.72	0.77	0.63	0.50	0.68	0.74	0.80
1.18	1.41	0.79	0.93	0.96	0.71	0.77	0.71	0.61	0.78	0.60	0.82	0.86
1.20	1.20	1.20	1.02	1.13	1.04	1.04	1.16	1.03	1.19	0.99	0.92	1.08
-	-	-	-	-	-	-	-	-	-	-	-	0.76
-	-	-	-	-	-	-	-	-	-	-	-	-
1.21	0.99	1.27	1.14	1.20	1.18	1.22	0.96	0.76	0.59	0.65	0.73	1.00
0.88	0.99	0.99	1.19	1.48	0.92	0.69	0.55	0.50	0.64	0.63	0.51	0.76
0.54	0.51	0.58	0.66	0.69	0.76	0.60	0.40	0.35	0.46	0.41	0.39	0.63
0.79	0.79	0.89	0.92	0.80	0.76	0.51	0.42	0.40	0.36	0.37	0.28	0.53
1.17	1.33	1.15	1.11	0.95	0.66	0.66	0.59	0.54	0.66	0.59	0.75	0.71
1.12	0.95	1.12	0.88	0.66	0.54	0.74	0.63	0.59	0.44	0.46	0.43	0.75
0.60	0.61	0.60	0.57	0.55	0.42	0.43	0.37	0.34	0.51	0.61	0.58	0.43
1.67	1.44	1.52	1.25	1.32	1.17	1.32	1.37	1.56	1.69	1.67	1.58	1.38
-	-	-	-	1.02	1.12	1.48	1.00	1.09	1.27	1.25	1.30	1.33
0.76	0.95	0.79	1.12	0.92	0.71	0.45	0.40	0.50	0.60	0.76	0.74	0.88
1.10	0.97	0.86	1.00	1.00	0.82	0.55	0.45	0.82	0.98	0.88	0.66	0.92
0.88	1.01	0.96	0.87	0.84	0.75	1.03	0.86	0.76	0.66	0.92	1.24	1.00
1.00	1.02	0.94	1.00	0.82	0.70	0.66	0.60	0.60	0.74	0.87	0.96	0.98
0.96	0.55	0.76	0.66	0.80	0.80	0.80	0.77	0.88	0.82	0.73	0.72	0.94
0.94	0.79	1.06	0.80	0.90	0.76	0.97	0.81	0.88	1.22	1.24	1.11	0.90
1.44	1.22	1.53	1.80	1.83	1.76	1.64	1.60	1.70	1.60	1.54	1.61	1.62
1.62	1.60	1.37	1.52	1.38	1.10	1.18	1.37	1.39	1.76	1.86	1.97	1.58
1.35	1.17	1.12	1.08	1.10	1.10	0.63	0.56	0.41	0.40	0.51	0.60	1.03
1.02	1.14	1.00	1.07	1.26	0.81	0.69	0.70	0.68	0.71	0.74	0.86	0.84
1.11	1.08	0.91	0.87	0.76	0.59	0.55	0.53	0.49	0.50	0.53	0.53	0.72
0.77	0.76	0.84	0.84	0.72	0.58	0.56	0.60	0.69	0.63	0.56	0.60	0.65
0.70	0.74	0.63	0.96	0.78	1.14	0.98	0.92	0.87	0.97	1.33	0.94	0.85
1.39	1.39	1.37	1.21	1.24	1.17	0.78	0.55	0.69	0.77	0.90	1.00	1.06
1.07	1.04	1.02	1.02	1.00	0.88	0.83	0.77	0.75	0.81	0.85	0.87	0.93

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.11	1.68	1.38	1.02	0.81	0.69	0.57	0.65	0.65	0.78	0.94	1.13	1.21
1.09	0.94	0.89	0.72	0.62	0.55	0.55	0.35	0.33	0.37	0.34	0.37	0.68
0.49	0.43	0.55	0.46	0.51	0.57	0.36	0.29	0.29	0.32	0.34	0.27	0.43
1.10	1.02	0.92	0.87	0.80	0.66	0.49	0.58	0.49	0.42	0.57	0.60	0.63
1.05	1.05	0.74	0.82	0.73	0.44	0.48	0.46	0.42	0.42	0.40	0.62	0.65
1.00	0.95	1.00	0.90	0.85	0.84	0.90	0.89	0.88	0.91	0.67	0.60	0.82
-	-	-	-	-	-	-	-	-	-	-	-	0.46
-	-	-	-	-	-	-	-	-	-	-	-	-
1.21	0.99	1.21	1.07	1.11	1.04	1.17	0.58	0.53	0.46	0.55	0.58	0.90
0.66	0.80	0.94	1.02	1.11	0.56	0.46	0.39	0.42	0.60	0.38	0.32	0.59
0.53	0.46	0.51	0.68	0.67	0.64	0.32	0.29	0.29	0.27	0.26	0.25	0.45
0.70	0.79	0.77	0.78	0.76	0.63	0.44	0.36	0.35	0.32	0.32	0.27	0.46
1.16	1.14	0.99	0.85	0.81	0.48	0.48	0.53	0.42	0.42	0.35	0.49	0.57
0.94	0.74	0.89	0.69	0.49	0.47	0.56	0.40	0.44	0.34	0.34	0.36	0.58
0.55	0.53	0.55	0.49	0.50	0.44	0.44	0.39	0.35	0.48	0.69	0.57	0.40
1.56	1.36	1.41	1.19	1.14	1.12	1.16	1.26	1.51	1.59	1.41	1.34	1.30
-	-	-	-	1.07	0.97	1.10	0.69	0.90	0.98	0.96	1.08	1.12
0.64	0.87	0.53	0.75	0.51	0.62	0.35	0.36	0.44	0.42	0.53	0.53	0.66
0.97	1.03	0.81	0.83	0.86	0.60	0.36	0.33	0.58	0.55	0.66	0.81	0.75
0.65	0.76	0.76	0.64	0.69	0.51	0.78	0.78	0.67	0.53	0.78	1.03	0.76
0.64	0.58	0.71	0.51	0.44	0.44	0.40	0.34	0.36	0.46	0.58	0.67	0.73
0.87	0.84	0.71	0.64	0.69	0.69	0.69	0.67	0.84	0.72	0.64	0.66	0.85
1.19	1.24	1.12	1.42	0.87	0.77	1.36	0.97	0.75	0.93	1.10	1.11	0.89
1.40	1.50	1.65	1.70	1.87	1.75	1.51	1.57	1.61	1.59	1.56	1.72	1.61
1.59	1.59	1.49	1.34	1.34	0.99	1.00	1.07	1.16	1.51	1.59	1.61	1.48
1.15	1.03	0.90	0.98	0.85	0.76	0.37	0.46	0.37	0.36	0.37	0.47	0.83
0.84	0.98	1.02	1.04	0.91	0.52	0.56	0.54	0.55	0.46	0.44	0.52	0.65
0.76	0.82	0.65	0.58	0.57	0.44	0.40	0.42	0.42	0.44	0.44	0.44	0.51
0.64	0.67	0.76	0.67	0.60	0.51	0.49	0.53	0.62	0.53	0.46	0.51	0.56
0.46	0.67	0.41	0.82	0.63	1.10	1.05	0.96	0.90	1.18	0.80	1.10	0.74
1.29	1.14	1.14	1.00	1.01	0.85	0.42	0.36	0.36	0.38	0.51	0.69	0.86
0.94	0.95	0.91	0.87	0.82	0.71	0.66	0.60	0.62	0.65	0.65	0.71	0.77

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	434	608	608	434	217	347	347	347	347	434	347	434
2	434	521	608	521	434	260	260	174	174	521	608	521
3	174	174	86	86	86	174	174	86	174	260	707	347
4	174	174	86	86	174	86	86	174	174	260	434	521
5	260	260	260	260	260	174	174	174	174	260	434	347
6	347	347	347	174	174	174	174	174	174	174	260	347
7	86	174	260	260	174	174	86	86	174	174	174	347
8	260	347	434	347	347	347	434	260	376	608	376	347
9	260	174	260	260	260	174	174	174	174	174	174	260
10	174	86	174	260	174	174	174	174	174	174	174	174
11	174	174	260	260	260	260	260	174	174	260	260	174
12	86	86	86	86	174	174	174	174	174	260	174	260
13	86	86	86	86	86	86	174	174	174	260	260	347
14	174	174	174	174	174	174	174	174	174	174	260	260
15	174	174	174	174	86	86	174	-	-	-	-	-
16	-	-	-	-	-	-	-	-	707	521	434	521
17	608	608	347	521	521	434	347	347	608	707	782	521
18	-	-	-	-	-	-	-	-	-	-	-	-
19	608	782	992	521	608	782	707	608	608	707	868	707
20	1194	868	868	782	707	521	707	608	608	707	782	782
21	782	707	707	608	608	434	434	521	434	434	434	521
22	521	521	521	521	434	434	434	434	347	434	434	434
23	260	260	260	434	434	75	75	75	304	304	174	695
24	868	441	1035	1035	868	1115	1115	1275	955	782	1194	1354
25	868	782	868	955	868	782	955	868	868	1035	1115	1194
26	955	868	707	707	782	521	521	521	868	1595	1515	1435
27	260	260	260	260	260	347	347	347	521	868	868	752
28	347	434	260	260	347	347	347	347	312	434	608	707
29	260	260	260	260	260	260	260	260	260	174	260	260
30	260	260	260	260	347	347	347	521	347	260	174	174
31	608	521	521	521	707	707	1035	608	608	608	608	608
Promedio	403	384	405	383	373	344	368	352	385	468	514	521

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	639	976	905	312	564	602	376	489	301	376	376	521
2	676	564	532	226	226	226	150	150	226	976	1120	1120
3	150	150	75	75	75	150	226	150	226	312	1206	715
4	226	312	226	312	226	226	226	312	226	677	1188	1250
5	226	376	376	312	312	150	150	226	376	640	1250	1188
6	489	526	263	150	75	150	226	312	226	226	419	676
7	75	75	150	226	150	150	150	150	150	226	312	676
8	419	521	676	526	526	602	602	376	974	1460	1120	1052
9	526	376	312	312	707	376	226	150	226	376	376	526
10	150	150	150	226	226	226	150	75	75	150	226	226
11	150	150	150	150	150	226	226	150	150	226	451	312
12	150	150	150	150	150	226	226	312	150	451	376	602
13	150	226	150	226	150	150	226	226	312	521	602	676
14	150	150	150	150	150	150	226	226	150	226	226	312
15	75	75	150	75	75	150	150	226	150	150	150	226
16	150	75	226	150	226	570	602	1320	1120	602	521	676
17	639	828	526	602	752	150	75	226	752	1084	1250	-
18	451	376	526	376	312	226	226	226	376	905	602	602
19	226	451	526	376	602	602	451	376	526	828	1250	976
20	602	752	676	451	376	312	312	312	376	376	451	376
21	1120	752	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	226	312	312	312	226	75	75	75	312	312	312	828
24	676	570	226	905	1270	1188	1188	1250	1052	1460	1250	1422
25	976	828	976	976	864	828	905	905	828	1052	1148	1250
26	676	451	451	451	376	312	226	312	526	1665	1730	1460
27	150	150	150	150	150	150	150	150	451	676	828	828
28	75	75	75	75	75	150	226	226	75	226	451	526
29	226	226	226	226	150	150	226	150	150	150	150	226
30	150	150	150	150	150	75	226	226	75	150	75	75
31	376	526	905	752	526	1031	976	312	376	376	676	676
Promedio	366	377	357	323	338	330	324	331	376	581	693	714

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
434	608	707	521	347	434	347	347	347	347	434	521	433
521	608	608	521	434	174	174	174	174	174	174	174	373
174	86	174	174	174	174	86	86	86	86	86	86	167
608	434	347	347	260	174	174	174	174	174	174	174	235
521	347	174	260	260	174	174	174	86	174	174	174	239
260	260	174	174	260	174	174	174	174	260	174	174	221
347	260	260	260	347	174	174	174	86	174	174	174	199
347	260	86	86	86	174	174	174	86	174	260	347	281
260	174	260	260	260	260	260	260	174	174	174	174	217
174	260	434	608	521	347	260	174	174	174	174	174	232
86	174	174	347	347	260	174	174	86	86	86	86	199
347	434	374	374	374	174	86	86	86	86	86	86	188
434	434	347	347	347	174	174	174	174	174	174	174	210
260	260	260	174	174	174	260	174	174	174	174	174	195
-	-	-	-	-	-	-	-	-	-	-	-	149
707	707	608	608	347	347	260	347	521	521	608	608	523
-	-	-	-	-	-	-	-	-	-	-	-	529
-	-	-	-	738	521	347	347	347	434	434	434	450
608	608	347	434	434	521	347	434	608	608	608	831	620
782	608	521	434	782	521	608	521	608	868	608	782	699
608	707	608	521	347	347	347	347	347	434	521	521	512
260	434	347	260	260	434	347	347	347	434	260	174	390
608	564	434	521	434	521	707	782	434	521	980	868	447
1115	1029	1035	1035	1035	955	782	782	707	782	782	868	914
1275	1194	1035	1194	1035	707	868	955	868	1115	1115	1115	985
1275	1035	868	868	868	738	434	260	260	260	260	260	766
955	782	707	521	608	347	347	260	174	260	260	434	458
782	608	707	707	260	347	347	260	260	260	260	260	409
347	434	434	347	260	260	260	260	347	260	260	174	278
260	260	260	521	521	868	707	521	707	347	707	434	403
955	955	955	868	1035	955	608	347	434	608	608	868	702
511	519	473	475	454	394	345	320	312	350	372	390	409

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
639	1052	905	602	526	376	226	226	226	312	526	639	533
1120	1250	1052	864	527	150	150	150	150	150	75	150	499
312	150	226	312	312	226	226	150	226	75	75	75	245
1320	1052	752	676	376	312	226	226	312	226	312	312	480
1390	1001	231	451	150	150	150	150	150	226	150	150	414
376	451	376	226	226	150	150	150	150	150	150	226	272
676	602	526	526	602	312	150	226	150	312	226	226	293
839	419	226	150	150	226	226	226	150	150	376	602	525
602	376	526	526	526	451	457	150	75	75	75	226	356
312	451	827	976	790	226	226	150	226	150	150	226	281
226	226	312	602	752	376	150	226	150	150	150	226	252
828	976	602	526	676	376	226	150	150	150	150	226	339
905	976	828	602	521	226	150	312	226	150	226	150	370
376	376	376	312	226	226	226	150	226	226	150	75	217
226	376	376	376	226	489	526	526	526	376	376	226	262
1188	1188	1052	976	976	752	676	676	752	976	676	677	700
-	-	-	-	1120	752	602	526	312	312	451	312	593
602	526	451	376	226	312	226	226	150	75	75	150	358
752	752	312	312	312	226	150	226	226	312	376	376	480
226	376	376	226	226	226	312	526	602	752	602	752	441
-	-	-	-	-	-	-	-	-	-	-	-	936
-	-	226	226	226	226	226	226	226	312	150	150	219
895	828	451	1934	752	602	-	-	682	905	828	902	552
1250	1595	1390	1120	1052	1052	976	752	752	752	752	905	1034
1460	1320	1113	1188	1013	676	602	489	451	752	905	752	927
1320	1052	752	752	676	526	226	150	75	75	150	150	606
905	828	526	376	312	226	226	226	150	75	75	150	336
526	376	312	312	226	226	150	150	226	150	150	150	217
226	312	376	312	226	226	226	226	226	150	226	226	217
226	150	150	526	526	1134	1628	1060	1865	676	526	828	456
752	676	752	676	828	676	226	226	75	150	312	526	558
731	704	565	588	509	404	342	305	329	310	347	358	442

IONES PESADOS POSITIVOS "N+" por cm³

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
1	2690	2690	1795	1795	3585	1795	3585	2690	2690	2690	5380	2690
2	3585	3585	3585	3585	4490	4490	7180	10770	8060	5380	7180	6295
3	8060	8950	10770	8950	8950	11690	12590	11690	13430	9860	4490	9860
4	10770	8950	8950	7180	8950	8950	10770	9860	8060	6295	4490	4490
5	7180	4490	5380	5380	5380	-	8060	12590	8060	6295	6295	4490
6	4490	3585	4490	7180	7180	10770	20350	13430	11690	11690	5380	8060
7	17050	7180	7180	7180	7180	9860	14350	14350	9860	10770	17950	7180
8	12590	9860	-	5380	14350	5380	4490	6295	6295	5380	5380	5380
9	5380	8950	7180	-	8950	8060	9860	8950	10770	7180	7180	6295
10	10770	9860	5380	6295	6295	6295	7180	6295	8060	8060	7180	7180
11	10770	-	6295	6295	6295	8060	10770	9860	8060	8950	12590	15250
12	22400	24200	22400	23360	23360	21520	29600	28730	-	-	-	-
13	-	-	-	-	-	-	-	-	8060	-	6295	11690
14	10770	12590	12590	15250	15250	12590	13430	21520	17050	17050	5380	-
15	16130	26000	34080	26900	-	-	21520	28730	31460	17950	12590	10770
16	9860	7180	6295	4490	3585	6295	7180	5380	4490	3585	4490	-
17	3585	2690	5380	3585	4490	4490	6295	6295	4490	5380	8060	-
18	7180	5380	4490	4490	5380	7180	6295	11690	11690	7180	8950	8060
19	7180	6295	7180	7180	5380	5380	8060	8950	7180	5380	5380	2690
20	4490	4490	3585	4490	5380	7180	6295	8060	7180	9860	8060	6295
21	4490	4490	3585	8060	3585	8950	6295	6295	7180	-	7180	6295
22	8060	5380	8950	5380	5380	5380	5380	8950	7180	7180	7180	9860
23	5380	5380	5380	8060	2690	2690	1795	1795	8060	11690	20350	28730
24	-	4490	1795	2690	2690	2690	-	1795	2690	4490	3585	2690
25	2690	2690	2690	2690	2690	2690	3585	3585	4490	3585	4490	2690
26	4490	4490	4490	3585	4490	5380	5380	6295	6295	4490	5380	7180
27	17950	14350	11690	8950	12590	14350	12590	11690	8060	7180	-	7180
28	10770	12590	9860	9860	8950	10770	14350	17050	10770	12590	8060	9860
29	14350	10770	8950	12590	13430	15250	10770	14350	16130	12590	12590	10770
30	22400	18870	17050	14350	12590	13430	17050	22400	17050	16130	16130	17050
31	3585	4490	8950	4490	3585	3585	7180	4490	3580	4490	3585	3585
Promedio	9279	8445	8289	7920	7486	8041	10077	10828	9271	8334	7973	8243

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	2690	1795	898	2690	1795	1795	1795	2690	898	1795	3585	1795
2	1795	2690	2690	2690	3585	5380	7180	8060	6295	4490	4490	5380
3	6295	7180	8060	8060	6295	6295	11690	8060	11690	5380	4490	9860
4	8060	7180	6295	6295	7180	6295	8060	8950	6295	4490	2690	2690
5	5380	4490	4490	5380	3585	8060	8950	8950	4490	3585	2690	3585
6	4490	1795	2690	5380	-	15250	14350	17050	11690	6295	7180	7180
7	11690	5380	4490	9860	7180	9860	8950	13430	7180	10770	-	8950
8	6295	8060	3585	4490	4490	4490	3585	6295	5380	4490	4490	4490
9	5380	8060	5380	5380	8060	8950	8060	8950	6295	6295	7180	5380
10	8060	15250	5380	5380	4490	5380	14350	7180	7180	7180	7180	7180
11	-	6295	7180	6295	5380	7180	7180	7180	5380	8950	14350	15250
12	22400	25150	26000	23360	20600	32300	29600	37680	-	-	-	-
13	-	-	-	-	-	-	-	-	8060	5380	5380	-
14	16130	12590	12590	12590	12590	12590	13430	21520	8950	7180	4490	5380
15	15250	29600	29600	25150	14350	22400	22400	28730	31460	10770	12590	7180
16	6295	5380	4490	3585	4490	7180	5380	4490	-	-	1795	2690
17	1795	1795	3585	1795	1795	3585	4490	6295	5380	5380	7180	-
18	4490	4490	3585	3585	4490	5380	6295	14350	7180	8950	7180	9860
19	5380	5380	4490	7180	5380	5380	6295	7180	7180	5380	4490	4490
20	2690	2690	2690	4490	5380	5380	5380	5380	4490	6295	5380	5380
21	3585	3585	4490	5380	4490	8950	5380	6295	6295	10770	-	8950
22	5380	-	3585	5380	4490	5380	6295	6295	7180	5380	6295	8950
23	4490	4490	15250	14350	2690	1795	898	-	3585	2690	26900	20350
24	898	2690	1795	898	1795	-	-	1795	1795	3585	-	2690
25	1795	2690	1795	1795	1795	1795	1795	5380	2690	2690	1795	2690
26	2690	2690	2690	3585	2690	5380	6295	5380	4490	3585	6295	5380
27	13430	14350	11690	9860	12590	14350	10770	11690	6295	5380	5380	6295
28	7180	8950	13430	8950	8950	10770	14350	16130	10770	9860	7180	9860
29	9860	9860	8060	13430	11690	10770	10770	16130	13430	11690	10770	8950
30	15250	15250	17050	11690	11690	9860	20350	20350	14350	17050	17950	16130
31	5380	8060	11690	7180	2690	2690	5380	3585	2690	2690	2690	2690
Promedio	7052	7857	7656	7538	6437	8444	9300	10878	7553	6497	6859	7131

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
6295	1795	3585	5380	4490	5380	5380	5380	5380	6295	4490	3585	3813
7180	5380	5380	4490	6295	11690	11690	12590	12590	8950	8950	8060	7143
12590	14350	14350	12590	11690	14350	21520	22400	24200	16130	13430	12590	12895
4490	3585	5380	5380	7180	9860	8950	8950	8950	10770	9860	8060	7880
5380	8950	6295	5380	6295	8950	9860	12590	20700	12590	13430	11690	8509
5380	4490	5380	7180	-	7180	7180	6295	7180	5380	-	7180	7778
12590	15250	15250	16130	10770	12590	16130	18870	18870	18870	17950	14350	13238
7180	7180	20350	10770	12590	15250	20700	15250	20350	18870	12590	6295	10789
5380	8950	5380	7180	5380	5380	5380	5380	8060	20350	8950	9860	8017
7180	5380	5380	7180	5380	16130	10770	20350	17050	10770	10770	10770	8998
17950	20350	17050	11690	11690	14350	16130	22400	21520	21520	22400	20700	13954
-	-	-	-	-	-	-	-	-	-	-	-	24446
4490	-	6295	-	10770	9860	10770	17050	18870	17050	15250	13430	11529
3585	7180	3585	5380	9860	12590	8060	11690	11690	-	14350	13430	11585
7180	5380	-	6295	8060	21520	35000	31400	25150	20700	14350	20700	20089
3585	5380	7180	7180	5380	5380	13430	7180	4490	-	3585	3585	5872
-	-	-	-	-	-	-	-	-	-	-	-	4976
10770	8060	8060	8060	7180	10770	20700	13430	11690	8950	8060	8060	8823
6295	8060	8950	8060	8060	8950	12590	20350	-	4490	8060	7180	7708
8060	6295	6295	7180	11690	8060	10770	15250	18870	13430	8060	5380	8113
8950	3585	7180	9860	10770	18870	13430	20700	20350	8950	4490	5380	8649
13430	20350	34080	16130	14350	25150	13430	12590	12590	8950	15250	11690	11760
-	5380	8060	8060	13430	22400	30580	6295	11690	3585	4490	1795	9468
3585	5380	3585	2690	2690	2690	2690	2690	2690	2690	2690	2690	3017
2690	3585	3585	3585	4490	5380	5380	3585	4490	3585	1795	1795	3438
7180	7180	7180	10770	9860	7180	14350	16130	22400	20700	20700	16130	9238
8060	4490	5380	5380	5380	7180	17050	15250	22400	15250	10770	10770	11041
7180	14350	6295	8060	14350	23360	17950	24200	26000	29600	23360	13430	14317
9860	12590	8060	10770	17050	26000	24200	21520	16130	20350	26900	26900	15536
17950	20700	18870	17950	31460	21520	6295	18870	33190	4490	5380	3585	16865
3585	3585	3585	3585	3585	4490	8060	11690	9860	7180	6295	6295	5308
7787	8471	8929	8298	9649	12498	13739	14494	15621	12609	11309	9840	9893

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
3585	1795	1795	3585	4490	5380	4490	3585	4490	4490	2690	1795	2766
5380	5380	5380	6295	5385	12590	8950	8060	7180	8950	7180	6295	5906
11690	13430	12590	9860	10770	20700	18870	22400	17950	11690	13430	11690	11184
3585	4490	6295	4490	6295	9860	8060	6295	9860	10770	6295	5380	6506
3585	4490	4490	3585	5380	8950	8950	8950	11690	10770	14350	6295	6463
5380	3585	4490	6295	-	7180	7180	6295	7180	3585	12590	6295	7428
12590	14350	15250	13430	10770	12590	20350	17950	17950	18870	16130	16130	12352
7180	8060	9860	10770	11690	17050	16130	15250	17050	17050	6295	3585	8338
3585	7180	4490	7180	7180	4490	5380	5380	7180	11690	8950	8060	6838
5380	5380	8060	5380	4490	20350	7180	17950	10770	10770	9860	8060	8659
20700	17050	16130	10770	10770	12590	18770	20700	21520	21520	22400	20700	13228
-	-	-	-	-	-	-	-	-	-	-	-	27136
4490	3585	3585	4490	5380	14350	12590	17050	20350	12590	16130	11690	9673
2690	3585	1795	3585	9860	12590	10770	12590	14350	8950	11690	11690	10174
3585	5380	8950	8950	12590	25150	26000	28730	22400	17050	18870	18870	18583
898	5380	5380	4490	4490	4490	6295	4490	3585	2680	2690	3585	4283
-	-	-	-	5380	6295	5380	7180	6295	4490	4490	4490	4583
9860	8060	8060	7180	7180	12590	12590	12590	10770	7180	8060	8060	8001
6295	5380	7180	5380	8060	8950	14350	12590	12590	4490	8060	3585	6880
6295	5380	5380	6295	11690	8950	9860	14350	14350	9860	6295	3585	6580
3585	1795	4490	8060	14350	17050	18870	20700	14350	9860	3585	4490	8233
-	26900	24200	17950	20350	9860	11690	13430	7180	7180	20350	20700	11109
7180	3585	7180	4490	14350	23360	14350	13430	9860	8060	8060	2690	9308
3585	2690	1795	2690	1795	1795	2690	2690	1795	2690	1795	1795	2178
1795	2690	3585	2690	2690	4490	3585	3585	3585	1795	1795	1795	2616
7180	7180	-	17050	8950	8060	13430	21520	24200	17950	18870	13430	9086
6295	4490	4490	4490	4490	12590	17050	26900	14350	11690	8950	-	10342
6295	5380	6295	11690	15250	18870	13430	26000	25150	29600	18870	17950	13382
8950	8950	6295	11690	24300	26900	25150	15250	16130	21520	25150	28730	14766
20350	20350	14350	17950	28730	10770	3585	26900	17950	5380	3585	6295	15132
2690	1795	2690	2690	3585	4490	8060	10770	8060	5380	5380	3585	4858
6595	7164	7304	7705	9679	12111	11801	14119	12671	10618	10428	9010	8859

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 6.4	- 6.4	- 4.8	- 3.2	- 3.2	- 4.8	- 4.8	- 1.6	- 3.2	- 4.8	- 6.4	- 4.8	- 6.4
2	- 1.6	1.5	1.5	1.5	- 1.6	- 4.8	- 3.2	1.5	- 3.2	- 3.2	- 3.2	- 3.2	- 4.8
3	- 3.2	- 6.4	- 3.2	- 1.6	- 4.7	- 4.7	-	-	- 3.2	- 6.4	- 4.7	- 6.4	- 4.7
4	- 3.0	1.5	1.5	1.5	- 3.2	- 6.4	1.5	6.0	- 1.6	- 3.2	- 1.6	3.0	- 1.6
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	25.7	36.3	30.2	28.7	30.2	30.2	30.2	27.2	25.7	27.2	-	-11.4	- 6.4
7	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-18.1	-19.7	- 8.0	-14.3	- 8.0	- 9.5	- 9.5	-15.9	-25.4	-12.7	-19.1	-17.5	-15.9
18	6.0	1.5	3.0	4.5	3.0	- 1.6	1.5	1.5	- 3.2	- 6.4	- 7.6	3.0	- 3.2
19	7.6	6.0	3.0	4.5	6.0	6.0	1.5	- 1.6	- 8.0	- 6.4	- 4.7	- 3.2	- 6.4
20	1.5	4.5	- 1.6	- 1.6	4.5	- 4.7	- 4.7	- 6.4	- 4.7	- 4.7	- 4.7	1.5	- 1.6
21	4.5	6.0	6.0	3.0	4.5	1.5	4.5	1.5	- 6.4	- 3.2	- 4.7	- 3.2	- 4.7
22	1.5	4.5	4.5	3.0	3.0	3.0	4.5	3.0	- 3.2	3.0	- 1.6	1.5	- 1.6
23	3.0	3.0	6.0	4.5	4.5	3.0	6.0	-	3.0	1.5	6.0	- 3.2	3.0
24	1.5	6.0	4.5	3.0	6.0	3.0	3.0	3.0	- 1.6	- 1.6	- 3.2	- 6.4	-12.7
25	-	-	-	-	-	-	-	-	-	-	-	-	- 3.2
26	1.5	3.0	1.5	3.0	1.5	- 4.7	-	-	- 4.7	- 8.0	- 6.4	- 3.2	- 3.2
27	3.0	4.5	3.0	6.0	3.0	- 1.6	- 3.2	- 3.2	- 4.7	1.5	1.5	3.0	- 4.7
28	4.5	7.6	6.0	7.6	7.6	1.5	4.5	3.0	3.0	3.0	1.5	6.0	4.5
29	6.0	9.1	9.1	9.1	7.6	- 3.2	1.5	1.5	1.5	- 1.6	3.0	1.5	1.5
30	12.1	16.6	18.1	15.1	12.1	9.1	6.0	6.0	3.0	3.0	7.5	3.0	1.5
31	13.6	15.1	16.6	12.1	10.6	9.1	6.0	4.5	3.0	3.0	1.5	9.1	1.5
Prom	3.1	5.0	5.1	4.5	4.4	1.1	2.6	1.9	- 1.8	- 1.0	- 2.6	- 1.6	- 3.5
Var.	3.5	5.4	5.5	4.9	4.8	1.5	3.0	2.3	- 1.4	- 0.6	- 2.2	- 1.2	- 3.1

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	- 7.1	- 5.7	- 5.7	- 5.7	- 8.6	- 9.9	- 8.6	- 7.1	- 7.1	- 5.7	- 5.7	- 5.7	- 7.1
2	- 2.8	- 1.4	- 1.4	- 1.4	- 4.3	- 7.1	- 4.3	- 2.8	- 5.7	- 4.8	- 1.4	- 2.8	- 2.8
3	- 1.4	- 4.3	- 2.8	- 1.4	- 2.8	- 2.8	-	-	- 5.7	- 4.3	- 7.1	- 5.7	- 4.3
4	- 2.8	1.4	- 1.4	- 1.4	- 1.4	- 4.3	- 1.4	1.4	- 1.4	1.4	2.8	2.8	1.4
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-18.5	-25.6	-18.5	-15.6	-25.6	-28.5	-29.8	-17.0	-20.0	-17.0	12.8	14.2	10.0
7	11.4	8.6	8.6	10.0	8.6	2.8	- 2.8	1.4	17.1	28.5	20.0	2.8	1.4
8	5.7	- 5.7	- 2.8	2.8	4.3	- 9.9	- 1.4	1.4	2.8	2.8	2.8	- 2.8	- 2.8
9	- 4.3	- 8.6	- 7.1	- 4.3	- 9.9	- 8.5	- 7.1	- 5.7	- 4.3	- 4.3	-	-	- 2.8
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-
17	5.7	-14.2	- 5.7	2.8	1.4	- 2.8	- 9.9	- 9.9	-14.2	-17.0	-15.7	-12.8	- 8.5
18	2.8	5.7	5.7	7.1	- 2.8	- 2.8	- 1.4	1.4	1.4	2.8	4.3	7.1	- 2.8
19	1.4	1.4	1.4	- 1.4	- 4.3	- 5.7	- 8.5	- 2.8	-17.0	-12.8	- 4.3	- 5.7	- 5.7
20	- 2.8	- 7.1	- 4.3	- 2.8	- 2.8	-14.2	-12.8	- 5.7	- 7.1	- 7.1	- 2.8	- 7.1	- 7.1
21	- 5.7	- 5.7	- 5.7	- 7.1	- 8.6	-14.2	-10.0	- 2.8	- 5.7	- 7.1	- 7.1	- 8.5	- 4.3
22	- 4.3	- 8.5	- 7.1	- 8.5	- 9.9	-11.4	-15.6	- 8.5	- 9.9	- 9.9	- 9.9	- 8.5	- 8.5
23	- 8.5	- 9.9	- 9.9	- 7.1	-14.2	-14.2	-12.8	-	-12.8	- 9.9	-11.4	- 9.9	- 7.1
24	-17.0	-17.0	-14.2	- 9.9	-12.8	-17.0	-18.5	-21.3	-21.4	-15.7	-21.3	-20.0	-18.5
25	-18.5	- 9.9	- 8.5	-14.2	-18.5	-38.3	-19.9	- 8.5	-	- 8.5	-14.2	- 9.9	-14.2
26	- 9.9	-12.7	- 9.9	-12.8	-21.3	-21.3	-	-	-14.2	-14.2	-21.3	-18.5	-19.9
27	- 5.7	- 9.9	- 9.9	-11.4	-15.7	-19.9	-18.5	-14.2	-20.0	-15.7	-14.2	-14.2	-14.2
28	- 9.9	-11.4	- 8.5	- 9.9	-15.6	-24.1	-15.6	- 8.5	- 8.5	- 8.5	- 7.1	- 7.1	-11.4
29	- 8.5	-15.6	-12.8	-11.4	-17.0	-19.9	-18.5	- 9.9	-11.4	-18.5	-19.9	-15.6	-11.4
30	-12.8	-21.3	-15.6	-12.8	-21.3	-22.7	-19.9	-12.8	-17.0	-14.2	-15.6	-17.6	-11.4
31	-14.2	-18.5	-12.8	- 9.9	-14.2	-18.5	-17.0	-17.0	-18.5	-27.0	-19.9	-12.8	-19.9
Prom	- 5.6	- 8.5	- 6.5	- 5.5	- 9.4	-13.7	-12.1	- 7.4	- 9.1	- 8.1	- 7.4	- 7.2	- 7.5
Var.	2.4	- 0.5	1.5	2.5	- 1.4	- 5.7	- 4.1	0.6	- 1.1	- 0.1	0.6	0.8	0.5

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 6.4	- 4.8	- 4.8	- 6.4	- 3.2	- 8.0	- 6.4	- 4.8	- 6.4	1.5	- 1.6	- 4.7	1
- 1.6	- 3.2	- 3.2	- 4.8	- 4.8	- 4.8	- 4.8	- 3.2	- 3.2	1.5	- 3.2	- 2.4	1
- 4.7	- 3.2	- 8.0	- 4.7	- 1.6	- 4.7	- 3.2	- 1.6	- 1.6	1.5	- 1.6	- 3.8	1
- 1.6	- 1.6	- 4.7	- 3.2	- 4.7	- 1.6	1.5	- 1.6	- 1.6	3.0	1.5	- 0.8	1
-	19.7	24.2	25.4	25.4	27.2	24.2	24.2	21.2	25.7	24.2	24.1	0
- 4.8	- 4.8	- 3.2	- 9.5	- 9.5	- 6.4	- 6.4	- 7.6	- 4.5	- 4.5	- 6.4	9.0	0
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-71.7	-66.1	-60.5	-51.4	-37.8	-27.2	-21.2	-21.2	-44.6	2
-14.3	-15.9	-28.6	-19.1	- 8.0	- 9.5	-10.6	- 8.0	- 6.4	- 4.8	- 3.2	-13.4	2
- 9.5	- 3.2	1.5	- 1.6	- 6.4	-14.3	3.0	1.5	10.6	9.1	- 3.2	- 0.4	1
1.5	3.0	3.0	1.5	3.0	4.5	1.5	- 1.6	3.0	6.0	1.5	1.3	1
- 3.2	- 6.4	- 7.6	- 6.4	- 3.2	- 6.4	1.5	- 3.2	- 1.6	1.5	- 1.6	- 2.5	1
- 1.6	- 4.7	- 6.4	- 3.2	3.0	1.5	1.5	- 1.6	9.1	6.0	1.5	0.6	1
1.5	- 1.6	1.5	- 1.6	- 3.2	- 3.2	- 3.2	- 6.4	3.0	6.0	4.5	0.9	1
- 1.6	-12.7	- 6.4	- 9.9	- 6.4	3.0	3.0	1.5	3.0	3.0	1.5	0.8	1
-19.1	-14.3	-11.1	-14.3	- 6.4	- 9.5	- 6.4	- 6.4	-	-	-	- 4.0	1
3.0	- 1.6	- 6.4	- 6.4	- 4.7	- 3.2	- 3.2	- 6.4	- 4.7	3.0	1.5	- 2.7	1
3.0	- 1.2	- 6.4	- 9.5	- 3.2	- 4.7	- 4.7	- 6.4	3.0	1.5	- 3.2	- 2.3	1
3.0	- 1.6	1.5	- 4.7	3.0	1.5	3.0	1.5	3.0	3.0	1.5	1.0	1
6.0	4.5	4.5	3.0	4.5	6.0	7.6	3.0	4.5	7.6	6.0	4.9	1
1.5	3.0	- 1.6	- 6.4	- 4.8	- 1.6	- 3.2	3.0	1.5	1.5	1.5	1.7	1
- 6.4	- 8.6	- 4.8	- 8.0	- 1.6	9.1	9.1	18.1	13.6	15.1	15.1	6.8	2
3.0	1.5	- 3.2	- 1.6	- 9.5	- 4.8	- 4.8	- 3.2	1.5	6.0	- 8.0	3.4	1
- 2.6	- 2.7	- 3.3	- 7.4	- 4.9	- 4.1	- 2.4	- 2.1	0.9	3.4	0.3	0.4	
- 2.2	- 2.3	- 2.9	- 7.0	- 4.5	- 3.7	- 2.0	- 1.7	1.3	3.8	0.7		

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 8.6	- 7.1	- 5.7	- 7.1	- 5.7	- 7.1	- 7.1	- 5.7	- 7.1	- 4.3	- 2.8	- 6.6	1
- 1.4	- 5.7	- 5.7	- 5.7	- 4.3	- 5.7	- 5.7	- 2.8	1.4	- 2.8	- 2.8	- 3.5	0
- 5.7	- 2.8	- 7.1	- 5.7	- 4.3	- 5.7	- 5.7	- 1.4	- 1.4	- 1.4	- 1.4	- 3.9	1
1.4	- 1.6	- 5.7	- 1.4	- 5.7	- 1.4	- 1.4	- 1.4	- 1.4	1.4	- 1.4	- 0.9	1
-	-25.6	-24.1	-19.9	-19.9	-22.7	-24.1	-15.6	-17.0	-18.5	-18.5	-20.6	2
10.0	7.1	2.8	4.3	7.1	5.7	5.7	5.7	5.7	7.1	1.4	- 4.8	2
5.7	4.3	- 4.3	- 2.8	2.8	2.8	- 2.8	2.8	4.3	2.8	- 4.3	5.4	2
1.4	1.4	1.4	- 2.8	- 4.3	5.7	- 5.7	- 2.8	- 5.7	- 2.8	- 9.9	- 1.1	2
- 5.7	- 1.4	- 8.5	- 7.1	- 7.1	- 8.5	-11.4	- 7.1	- 7.1	- 2.8	- 7.1	- 6.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	5.7	- 4.3	- 2.8	- 8.5	- 7.1	- 2.8	7.1	- 4.3	- 2.1	2
- 7.1	18.5	8.6	7.1	5.7	5.7	5.7	8.5	7.1	8.5	5.7	- 1.1	2
2.8	- 1.4	- 4.3	2.8	- 4.3	4.3	- 5.7	- 1.4	4.3	2.8	1.4	1.2	2
- 9.9	- 9.9	-11.4	- 8.5	- 5.7	- 8.5	- 8.5	- 8.5	- 9.9	- 2.8	- 7.1	- 6.4	1
- 8.5	- 4.3	- 9.9	-11.4	- 2.8	- 4.3	- 4.3	- 2.8	- 4.3	2.8	- 2.8	- 5.7	2
- 5.7	- 5.7	- 9.9	- 8.5	- 5.7	-12.8	- 8.5	- 5.7	-12.8	- 2.8	- 5.7	- 7.3	1
- 9.9	- 8.5	-12.8	- 9.9	-11.4	- 7.1	- 9.9	- 8.5	- 9.9	- 5.7	- 9.9	- 9.3	2
- 8.5	-12.8	-12.8	-15.6	- 7.1	- 8.5	-49.7	-48.3	- 8.5	- 7.1	-11.4	-13.8	2
-20.0	-15.6	-12.7	-20.0	-17.0	-21.4	-18.5	-11.4	- 7.1	- 5.7	- 8.5	-15.9	2
-15.6	-15.6	-18.5	-11.4	-15.7	-15.6	-12.8	-18.5	-18.5	-11.4	-18.5	-15.4	2
-14.2	-18.5	-15.6	-17.0	- 9.9	-11.4	-17.0	-17.0	- 9.9	- 9.9	-14.2	-15.0	2
-12.8	-17.0	-14.2	-24.1	-12.8	-14.1	-15.6	- 7.1	-11.4	- 7.1	-14.2	-13.9	1
-14.2	- 5.7	- 8.5	- 9.9	- 7.1	-14.2	- 9.9	-14.2	-14.2	- 8.5	- 8.5	-10.9	2
-18.5	- 9.9	-15.6	-17.0	-12.8	-15.6	-15.6	-15.6	-14.2	- 7.1	- 8.5	-14.2	1
-18.4	-15.6	-18.5	-19.9	-17.0	-17.0	-19.9	-12.8	-12.8	- 8.5	-15.6	-16.3	2
-14.2	- 9.9	-18.5	- 9.9	-18.5	-14.2	- 9.9	-17.0	-19.9	- 7.0	-11.4	-15.4	1
- 7.7	- 6.8	- 9.6	- 8.6	- 7.5	- 7.8	-10.7	- 8.6	- 6.9	- 3.3	- 7.2	- 8.0	
0.3	1.2	- 1.6	- 0.6	0.5	0.2	- 2.7	- 0.6	1.1	4.7	0.8		

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	58.5	57.7	58.8	58.6	57.8	58.7	58.8	59.6	59.7	60.0	60.1	59.9	59.4	59.4	59.4
2	63.8	63.8	64.1	64.3	64.4	64.9	65.1	65.5	66.2	66.5	66.7	66.6	66.1	66.2	65.9
3	67.3	67.3	67.3	67.4	67.5	67.7	67.8	69.1	69.4	69.3	69.1	68.1	67.5	66.8	66.6
4	66.9	66.8	66.1	66.0	65.8	66.0	66.5	66.2	66.5	66.5	66.5	65.8	64.9	64.2	63.7
5	63.4	63.0	63.2	63.3	63.5	63.7	64.5	64.7	64.5	64.5	64.1	63.3	62.2	61.7	61.2
6	61.5	61.4	61.2	61.2	61.4	61.9	62.3	63.0	63.1	63.5	64.0	63.8	63.3	63.4	63.4
7	68.6	68.6	68.5	68.7	69.0	69.2	69.9	70.7	70.7	70.9	70.9	70.5	70.2	69.6	69.5
8	68.8	68.5	68.2	67.6	67.5	67.6	67.4	67.4	67.2	66.6	65.8	64.6	63.8	63.4	63.2
9	62.8	62.6	62.0	62.1	62.1	62.1	62.2	62.4	62.6	62.0	61.9	61.4	60.7	60.0	59.5
10	62.3	62.2	62.2	62.3	62.8	63.2	63.8	64.3	64.7	65.0	65.0	64.4	64.2	64.2	64.3
11	69.4	69.4	69.3	69.3	69.3	69.5	70.3	70.5	70.6	70.9	70.7	70.5	70.3	70.0	69.5
12	69.8	69.3	68.9	69.0	68.7	68.6	69.1	70.0	70.1	70.1	69.7	69.0	67.9	67.5	66.8
13	65.1	64.6	64.1	63.9	63.9	64.0	64.0	63.7	63.4	63.2	62.6	62.0	61.4	61.0	60.9
14	60.4	60.3	60 2	60.0	60.2	60.5	60.6	61.0	61.3	61.2	61.1	60.5	59.6	59.0	59.1
15	59.4	59.3	59.1	57.9	58.5	58.8	58.8	58.9	58.9	58.8	58.3	57.3	55.9	55.4	54.9
16	50.7	50.3	49.7	49.9	50.4	50.7	51.5	52.0	52.6	53.3	53.8	54.2	54.9	55.4	55.7
17	61.5	61.9	61.9	61.9	62.1	62.4	62.3	64.3	64.9	65.1	65.2	65.2	65.1	65.2	65.1
18	70.4	70.6	70.7	70.8	70.9	71.7	72.0	72.1	72.2	72.7	72.6	71.8	71.7	71.5	70.6
19	69.6	69.0	68.0	67.4	67.4	68.1	68.1	67.7	68.0	68.0	66.8	66.3	65.9	65.0	64.1
20	61.7	61.2	60.8	60.6	60.8	60.8	61.2	61.4	61.3	61.2	61.0	60.1	59.7	59.3	58.6
21	58.1	58.0	57.3	57.4	57.4	57.7	58.0	58.2	58.3	58.2	57.8	57.5	56.7	56.4	56.2
22	57.2	56.8	56.8	56.5	56.4	56.7	56.8	57.0	57.1	56.8	56.5	56.1	55.6	55.0	53.9
23	52.3	52.2	52.2	52.1	52.1	52.1	52.0	52.9	53.2	53.1	53.0	53.5	53.5	53.6	53.7
24	56.5	56.7	55.8	55.8	56.9	57.1	57.3	58.0	58.9	58.8	58.8	58.5	58.1	58.1	58.0
25	58.0	58.0	58.1	58.4	58.5	59.3	60.0	60.7	61.1	61.4	61.6	61.4	61.1	61.1	60.9
26	62.3	62.1	62.2	62.2	62.3	62.7	63.3	63.5	63.5	63.3	63.1	62.4	61.7	61.2	60.9
27	60.8	60.5	60.3	60.3	60.1	60.7	61.6	62.4	62.3	62.0	62.2	61.8	61.2	60.8	60.6
28	62.1	61.8	61.9	61.7	62.1	62.1	62.2	63.7	63.1	62.4	62.3	62.2	62.0	61.4	61.0
29	62.4	62.1	61.9	61.8	61.7	61.9	61.9	61.7	61.7	61.5	61.3	60.7	59.3	58.3	57.7
30	57.5	57.4	57.2	57.1	57.3	57.6	58.2	58.2	58.1	57.5	57.3	56.6	55.8	56.5	56.3
31	58.1	58.5	58.3	58.4	58.9	60.1	60.1	61.2	61.2	62.3	62.8	62.9	62.1	63.0	62.9
Prom	62.2	62.0	61.8	61.7	61.8	62.2	62.5	63.0	63.1	63.1	63.0	62.5	62.0	61.7	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	10.6	9.6	9.7	9.7	9.8	9.9	10.0	9.5	9.8	10.0	10.6	11.6	12.4	12.3	12.3
2	4.8	4.0	3.1	2.1	2.0	2.1	1.9	2.7	5.8	5.1	9.5	10.5	11.2	11.4	11.2
3	- 1.7	- 2.3	- 2.8	- 3.3	- 3.8	- 4.0	- 4.7	- 0.1	4.0	7.8	8.7	9.4	10.5	10.8	11.0
4	0.8	1.3	1.4	1.4	1.4	1.8	1.6	3.3	6.5	8.9	10.2	11.3	12.5	12.9	13.0
5	4.6	4.7	4.6	4.2	4.1	3.9	3.8	5.8	8.5	11.6	12.9	14.4	15.6	16.1	16.5
6	10.3	8.6	7.9	7.4	7.1	4.8	4.2	6.7	7.8	12.3	14.9	16.1	17.2	17.7	17.5
7	6.2	5.2	4.2	3.5	3.2	2.7	2.2	3.9	7.9	10.5	12.8	13.3	13.5	13.8	13.4
8	4.7	4.8	6.0	7.0	7.3	6.1	5.3	6.2	8.7	11.1	13.1	14.5	15.5	15.7	16.3
9	12.6	12.6	12.6	12.1	12.2	12.2	12.3	12.7	14.7	16.0	16.7	16.7	16.8	16.6	18.3
10	14.4	13.8	13.8	14.0	13.5	12.4	12.3	10.0	10.4	10.6	10.9	13.8	15.9	16.4	16.2
11	7.0	5.7	4.9	4.6	3.3	2.8	2.9	3.3	5.5	8.9	10.9	12.2	12.9	12.9	12.8
12	3.7	2.6	2.5	2.2	2.2	1.8	2.1	1.7	9.4	12.4	13.3	13.7	14.0	14.3	14.4
13	4.6	4.2	4.2	5.5	6.3	6.8	9.0	10.1	11.7	14.7	16.8	18.1	18.0	18.2	18.1
14	12.5	12.5	12.6	12.5	12.5	12.7	12.8	12.9	14.5	15.4	16.9	17.3	17.6	18.1	18.1
15	10.8	11.4	12.1	12.6	13.1	13.1	13.1	13.1	14.0	14.5	14.4	14.5	14.8	15.8	15.8
16	14.4	14.2	13.9	13.7	13.8	13.9	13.9	13.4	13.1	14.1	14.5	15.2	15.6	16.1	16.0
17	4.9	4.5	4.3	3.5	3.1	2.6	2.7	5.0	8.3	11.3	15.1	15.4	16.7	15.9	15.7
18	3.8	4.3	3.2	2.1	1.2	0.6	- 0.7	3.2	7.4	9.4	10.5	11.7	12.9	12.9	13.4
19	4.4	4.9	5.7	4.9	4.8	4.7	3.7	7.0	9.8	11.8	13.6	13.8	14.6	14.8	14.7
20	9.9	9.0	8.5	8.0	7.0	6.7	7.4	9.9	11.9	14.1	15.7	14.6	16.7	17.7	18.8
21	15.4	15.6	15.6	15.6	15.5	15.4	15.1	15.7	16.9	17.8	18.1	18.2	20.2	20.7	20.6
22	18.9	18.4	17.6	17.7	17.8	17.9	18.2	18.1	19.3	20.4	21.2	20.9	21.3	20.5	21.6
23	21.7	20.9	19.8	18.9	19.1	19.6	19.2	18.6	18.6	20.1	18.8	18.3	16.7	16.6	16.3
24	10.9	10.5	10.0	9.8	9.0	8.8	8.1	7.6	7.2	6.8	7.4	7.8	8.2	8.2	8.1
25	6.8	6.8	6.6	6.4	6.0	6.0	6.0	6.1	6.9	7.7	8.1	9.5	10.1	10.1	10.0
26	2.3	1.5	1.0	- 0.7	- 0.7	- 0.8	- 0.8	2.7	6.8	9.0	11.0	12.6	14.3	14.7	15.3
27	7.7	7.5	7.3	7.1	7.0	6.6	6.7	10.5	13.8	15.9	17.5	19.1	19.8	20.4	20.5
28	10.6	9.9	10.5	10.6	10.0	9.4	8.4	10.9	14.9	17.8	18.6	19.5	19.2	20.1	20.4
29	11.6	11.6	11.4	11.2	10.9	10.9	10.9	10.9	11.2	11.8	13.0	14.9	16.2	15.9	16.1
30	12.0	10.6	9.9	11.0	11.4	11.4	10.5	13.9	16.0	19.3	21.6	21.7	19.2	18.4	18.6
31	11.1	10.8	10.7	10.6	9.8	9.7	9.6	9.0	8.9	8.8	8.6	9.0	9.7	9.8	9.9
Prom	8.8	8.4	8.2	7.9	7.7	7.5	7.3	8.5	10.7	12.5	13.7	14.5	15.1	15.3	15.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.5	60.0	60.4	61.2	61.9	62.9	63.1	63.3	63.8	63.8	24	57.2	1-2	6.6	760.1 mm.	1013.4 mb.
65.9	66.2	66.3	66.5	66.7	66.9	67.0	67.1	67.2	67.2	24	63.8	0,1,2	3.4	65.8	1021.0
66.8	66.7	66.8	67.2	67.5	67.5	67.4	67.3	67.0	69.4	10	66.6	15	2.8	67.6	1028.4
63.6	63.7	63.8	63.8	63.8	64.0	64.1	63.9	63.6	67.0	0	63.6	16,24	3.4	65.1	1020.1
61.1	61.0	61.2	61.6	61.5	61.3	61.2	61.2	61.4	64.7	8	61.0	17	3.7	62.6	1016.8
63.9	64.6	64.9	65.9	66.1	66.7	67.1	67.8	68.2	68.2	24	61.2	3,4	7.0	63.9	1018.5
69.4	69.4	69.5	69.3	69.4	69.5	69.4	69.3	69.3	70.9	10,11	68.2	0	2.7	69.6	1026.1
62.9	62.9	63.4	63.5	63.4	63.1	62.9	62.9	62.8	69.3	0	62.8	24	6.5	65.2	1020.2
59.7	60.0	60.7	61.0	61.4	61.4	61.5	61.9	62.0	62.8	0,1	59.5	15	3.3	65.5	1015.3
64.5	64.9	65.7	65.7	67.2	67.9	68.4	68.7	68.9	68.9	24	62.0	0	6.9	64.9	1019.8
69.4	69.3	69.3	69.4	69.3	69.5	70.1	70.2	70.2	70.9	10	68.9	0	2.0	69.8	1026.4
66.5	66.4	66.3	66.1	65.8	65.7	65.6	65.1	65.2	70.2	0	65.1	23	5.1	67.8	1023.7
60.1	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.3	65.2	0	59.9	16-17	5.3	62.0	1016.0
59.2	59.3	59.2	59.2	59.9	60.6	60.3	59.5	59.4	61.3	9	59.0	14	2.3	60.1	1013.4
54.5	54.0	53.7	53.2	52.9	52.4	52.0	52.2	51.6	59.4	0,1	51.6	24	7.8	56.1	1008.1
56.4	56.9	57.6	58.8	59.7	59.9	60.4	60.6	60.9	60.9	24	49.6	3-4	11.3	54.8	1006.4
65.6	66.0	66.5	67.2	68.0	68.5	68.9	69.4	69.7	69.7	24	60.9	0	8.8	65.2	1020.2
70.5	70.3	70.2	70.1	69.8	69.8	70.1	70.2	70.0	73.4	10-11	69.7	0	3.7	71.0	1028.0
63.7	63.6	63.5	63.3	63.0	62.5	62.5	62.5	62.3	70.0	0	62.3	24	7.7	65.7	1020.9
57.9	57.7	57.8	57.8	57.8	57.8	58.0	58.1	58.0	62.3	0	57.7	18	4.6	59.6	1012.8
56.2	56.2	56.3	56.4	56.4	56.3	56.6	56.8	56.8	58.2	0-1	56.2	15,16,17	2.0	57.1	1010.4
53.7	53.5	53.5	53.5	53.4	53.5	53.3	53.2	52.6	57.2	1	52.6	24	4.6	55.2	1006.9
53.6	53.7	54.7	55.6	55.5	55.3	55.8	57.4	55.7	57.5	22-23	52.0	7	5.5	53.7	1004.9
57.9	57.7	57.9	57.9	57.6	57.8	57.7	57.7	57.7	58.9	9	55.8	3,4	3.1	57.6	1010.1
60.9	61.1	61.6	61.6	61.6	61.8	62.0	61.9	62.0	62.0	22,24	57.7	0	4.3	60.6	1014.1
60.6	60.6	60.7	61.2	61.2	61.2	61.2	61.0	60.8	63.5	8,9	60.6	16,17	2.9	61.9	1015.8
60.4	61.0	61.2	61.2	61.4	61.8	61.9	61.9	61.8	61.9	22,23	60.1	5	1.8	61.2	1014.9
60.8	61.4	61.4	61.7	61.8	61.9	62.4	62.3	62.3	63.7	8	60.8	16	2.9	62.0	1016.0
57.5	57.6	57.5	57.5	57.2	57.4	57.4	57.4	57.4	62.4	1	57.2	20	5.2	59.7	1012.9
55.5	56.2	56.5	55.9	57.0	58.0	57.9	57.8	58.2	58.8	23-24	54.7	15-16	4.1	57.2	1009.6
63.2	63.5	64.0	64.7	65.2	65.6	65.7	66.2	66.5	66.5	24	57.6	3-4	8.9	62.3	1016.4
61.3	61.4	61.7	61.9	62.0	62.2	62.3	62.4	62.4	64.7		59.9		4.8	62.2	1016.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.5	11.3	9.2	8.0	7.5	6.8	6.6	6.1	5.5	12.5	16	5.5	24	7.0	9.6
10.8	9.7	6.6	3.5	3.3	2.3	1.2	- 0.1	- 1.0	11.4	14	- 1.0	24	12.4	5.3
10.3	8.5	6.4	4.5	2.7	2.4	2.0	0.9	0.7	11.0	15	- 4.7	7	15.7	3.2
13.0	10.7	7.8	7.3	7.0	6.3	6.0	5.9	4.8	13.0	15,16	0.7	0	12.3	6.5
16.0	14.3	11.5	9.8	8.0	8.6	8.6	7.8	10.2	16.5	15	3.8	7	12.7	9.4
17.1	15.2	12.6	10.7	9.4	8.7	8.5	8.0	7.2	17.7	14	4.2	7	13.5	10.7
12.2	10.1	8.5	6.5	5.2	3.5	1.8	5.4	3.8	14.0	14-15	1.8	22	12.2	7.2
16.1	14.8	12.9	12.6	11.8	11.6	11.0	12.2	12.6	16.4	15-16	3.8	0	12.6	10.7
17.8	17.1	16.3	15.5	14.2	13.4	13.0	13.6	14.2	16.8	13	12.1	4	4.7	14.6
15.8	14.7	12.3	10.6	10.5	9.5	8.4	6.7	6.6	16.4	14	6.6	24	9.8	12.2
11.7	11.2	8.7	6.1	4.6	4.0	4.8	5.3	4.4	13.1	14-15	2.8	6	10.3	7.1
14.0	12.6	10.1	8.6	8.3	8.2	7.2	6.1	4.9	14.4	15	1.8	6	12.6	7.9
17.6	15.8	14.2	13.3	13.0	13.0	13.0	12.7	12.5	18.8	12-13	3.7	3-4	15.1	12.1
18.6	17.2	16.2	14.1	12.4	13.0	13.3	12.5	10.7	18.9	16-17	10.7	24	8.2	14.6
15.6	15.5	14.9	14.5	14.4	14.5	14.5	14.6	14.7	15.8	14,15	10.7	0	5.1	14.0
14.6	12.4	10.5	9.8	9.6	8.8	8.4	7.5	5.7	16.1	14	5.7	24	10.4	12.6
14.7	13.5	11.8	9.6	8.8	7.7	6.3	5.5	5.0	16.7	13	2.5	6-7	14.2	8.8
13.5	12.2	8.8	7.6	6.4	5.8	5.9	5.6	4.6	13.5	16	- 0.7	7	14.2	6.9
14.6	12.0	10.9	10.0	10.0	10.6	10.0	9.1	10.0	15.4	14-15	3.7	7	11.7	9.6
18.2	16.7	14.9	14.6	14.2	13.9	14.6	14.9	15.5	19.2	14-15	6.7	6	12.5	13.0
20.3	19.3	18.2	17.7	17.8	18.1	18.4	18.3	18.8	20.7	14	15.1	7	5.6	17.6
20.9	18.8	18.3	18.3	19.2	21.1	22.3	22.6	22.6	22.6	23,24	17.6	3	5.0	19.7
15.9	15.6	15.4	14.1	14.4	12.4	11.8	11.5	10.9	22.6	0	10.9	24	11.7	16.9
7.2	6.9	6.7	6.3	6.2	6.4	6.5	6.6	6.7	10.9	0,1	6.2	20	4.7	7.8
9.7	8.8	8.4	7.2	5.8	5.4	4.6	4.3	3.4	10.5	13-14	3.4	24	7.1	7.1
15.4	15.2	12.0	9.5	8.1	7.6	6.8	7.7	7.6	15.4	16	- 0.8	6,7	16.2	7.4
20.6	19.2	16.3	13.4	12.2	11.3	11.3	10.7	10.6	20.9	15-16	6.6	6	14.3	13.0
20.1	17.3	14.8	13.5	12.8	12.0	11.7	11.4	11.5	20.4	15	7.8	6-7	12.6	14.0
16.9	16.1	13.7	12.5	12.0	12.0	11.4	11.5	10.8	16.9	16	10.8	24	6.1	12.7
17.1	16.0	14.7	13.2	13.2	12.6	12.1	11.7	11.3	21.7	12	9.9	3	11.8	14.5
10.4	10.7	9.5	8.4	7.5	6.3	5.4	5.5	4.8	11.3	0	4.8	24	6.5	8.9
15.1	13.8	12.0	10.7	10.0	9.6	9.3	9.1	8.8	16.2		5.6		10.6	10.8

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	7.8	7.4	7.4	7.8	7.8	7.4	7.8	8.0	8.0	8.5	8.0	8.0	8.0	8.0	7.6
2	5.0	5.0	5.0	4.8	4.8	4.8	4.8	5.0	5.6	5.8	5.6	5.0	5.2	4.8	4.6
3	3.8	3.6	3.6	3.4	3.2	3.2	3.0	4.2	4.4	3.6	3.6	3.6	4.0	4.6	4.2
4	4.2	4.6	4.6	4.8	4.8	4.8	4.6	5.2	4.8	4.8	5.2	5.2	5.6	5.8	5.2
5	5.8	5.8	5.8	6.0	5.8	5.8	5.4	6.2	6.8	7.4	7.4	7.6	7.6	7.2	6.6
6	8.0	7.2	7.2	7.0	6.8	5.8	5.6	6.8	7.2	8.5	9.0	9.0	9.0	9.0	10.0
7	6.2	6.0	6.0	5.6	5.6	5.4	5.2	5.6	6.0	5.8	6.2	4.8	4.8	4.4	5.4
8	4.8	5.6	6.0	6.4	6.2	6.0	5.8	5.8	5.2	4.2	5.4	5.8	6.8	7.0	7.2
9	8.5	8.5	8.5	8.5	9.0	9.0	9.0	9.0	9.5	10.5	11.0	11.0	11.0	11.5	13.0
10	11.5	11.0	11.0	11.5	11.0	10.5	10.5	8.5	9.0	9.0	9.0	10.0	9.5	9.0	7.8
11	6.2	6.0	6.2	6.2	5.2	5.4	5.4	5.6	6.2	6.0	6.4	6.6	6.8	6.4	6.2
12	5.4	5.2	5.2	5.2	5.2	5.0	5.2	5.0	6.8	5.6	6.0	6.0	6.8	6.4	7.0
13	6.2	6.0	6.0	6.6	7.0	7.2	8.0	8.5	9.5	10.0	11.0	11.0	10.0	10.5	10.5
14	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.0	12.0	11.5	12.0	12.0	12.0	12.0
15	9.0	9.5	10.0	10.5	11.0	11.0	11.0	11.0	11.5	12.0	11.5	12.0	12.0	12.0	11.5
16	11.0	11.0	10.5	10.5	10.5	11.5	11.5	10.5	9.5	9.5	9.5	8.5	8.0	8.5	7.2
17	5.6	5.4	5.0	5.0	5.0	4.8	4.4	4.6	5.0	5.6	6.0	6.2	6.0	5.6	6.2
18	5.2	5.4	5.2	4.8	4.8	4.4	4.0	5.2	5.2	5.0	4.0	4.8	4.6	4.6	4.8
19	5.4	6.0	6.2	6.0	5.8	5.6	5.2	6.2	7.0	6.8	6.6	6.2	6.4	6.6	6.4
20	7.0	7.0	7.2	7.0	6.8	6.8	7.0	7.8	7.8	9.0	9.5	9.5	10.0	10.0	10.0
21	12.0	12.0	11.5	11.5	11.5	11.0	11.0	11.0	11.5	12.5	12.5	12.5	14.5	14.0	14.0
22	14.0	13.5	13.0	14.0	14.0	13.0	13.5	13.5	13.5	14.5	14.5	15.0	15.5	14.5	14.0
23	12.0	12.5	12.5	12.5	12.5	12.0	12.0	12.0	13.0	14.5	15.0	15.0	13.5	13.0	12.0
24	9.5	9.0	8.5	8.5	7.8	7.8	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.6	6.6
25	5.6	6.0	6.0	5.8	5.6	6.0	5.6	5.8	6.4	6.4	6.2	6.8	7.0	7.0	7.0
26	5.2	5.0	4.8	4.2	4.2	4.2	4.2	5.4	6.0	6.2	6.6	7.4	7.6	7.8	8.0
27	7.6	7.4	7.4	7.2	7.2	7.0	7.0	8.0	8.5	9.0	9.0	9.5	9.5	9.0	8.5
28	7.8	7.4	8.0	8.0	8.5	8.5	7.8	8.5	9.0	9.5	10.0	9.5	9.5	10.0	9.0
29	9.0	9.0	9.0	9.0	9.0	9.5	9.5	9.5	9.5	10.0	10.0	10.5	11.0	11.0	11.0
30	10.0	9.0	8.5	9.5	9.5	9.0	8.5	10.5	11.0	12.0	13.0	11.0	12.0	12.0	11.5
31	9.5	8.5	8.5	8.5	8.0	8.0	8.0	7.4	7.4	7.4	7.2	7.0	7.0	7.0	7.0
Prom.	7.8	7.6	7.6	7.6	7.6	7.4	7.4	7.7	8.0	8.6	8.5	8.5	8.6	8.6	8.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
71	67	73	79	80	85	85	79	76	93	9	67	17	26	82
50	52	64	76	86	86	90	100	100	100	23,24	46	15	54	77
47	55	69	79	89	86	86	89	92	100	varios	42	12	58	76
48	56	69	70	74	79	82	84	91	96	4,5	48	16	48	75
55	61	74	80	89	85	84	91	91	96	4,5,6	50	15	46	80
68	74	87	91	95	97	94	80	82	97	18	65	13,14	32	84
52	60	65	74	81	91	95	76	81	99	4,5	40	14	59	76
55	62	76	78	83	84	90	89	82	90	22	44	10	46	73
88	91	96	99	100	100	100	100	100	100	varios	77	11	23	88
59	63	73	74	82	78	74	82	87	100	varios	59	15,16	41	85
50	58	73	91	90	91	88	85	86	100	varios	59	15,16	41	81
60	61	73	83	83	87	91	94	99	99	2,24	52	11	47	80
70	73	82	86	88	89	90	93	94	100	varios	69	14	31	87
78	85	91	97	100	100	100	100	100	100	varios	78	16	22	93
89	89	92	93	93	93	93	93	94	100	varios	89	16,17	11	96
50	58	65	69	69	71	72	74	79	96	6,7	50	16	46	78
55	64	63	72	76	77	82	84	85	88	2	42	14	46	70
37	51	75	80	79	79	70	74	77	96	5	37	16	59	71
52	58	65	72	74	77	82	86	80	95	4	52	15,16	43	74
68	76	80	85	89	97	96	95	93	97	21	64	15	33	83
75	78	81	82	84	85	87	88	88	93	0,1	75	16	18	84
71	77	80	79	79	75	69	64	62	92	4	62	24	30	81
89	92	96	100	100	98	98	97	96	100	19,20	63	1	37	87
82	82	82	87	88	85	84	83	82	97	12	78	13	19	88
80	82	82	85	88	90	90	91	94	94	24	77	12,13,14	17	84
61	53	81	90	95	99	99	99	99	99	varios	61	16	38	85
48	61	68	84	88	88	81	81	82	100	7	48	15,16	52	78
57	75	76	37	90	95	96	97	97	98	7	53	15	45	80
82	83	94	99	100	100	99	99	99	100	20,21	81	13,14	19	93
83	91	100	100	100	100	100	98	97	100	varios	60	12	40	89
75	73	76	80	83	82	83	78	80	97	0	73	17	24	85
65	70	78	84	87	88	88	88	88	97		60		37	82

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7.8	6.6	6.2	6.2	6.0	6.0	5.8	5.4	5.2	8.5	10	5.2	24	3.3	7.2
4.6	4.6	4.4	4.4	5.0	4.6	4.2	4.2	4.0	5.8	10	4.0	24	1.8	4.8
4.4	4.2	4.8	4.8	4.8	4.6	4.6	4.2	4.4	4.8	18,19,20	3.0	7	1.8	4.0
5.2	5.4	5.2	5.0	5.4	5.4	5.8	5.6	5.8	5.8	14,22,24	4.2	1	1.6	5.1
7.0	7.6	7.2	7.0	7.0	6.8	6.8	7.2	8.5	8.5	24	5.4	7	3.1	6.8
9.5	9.0	9.5	8.5	8.0	8.0	7.6	6.2	6.2	10.0	15	5.6	7	4.4	7.8
5.6	5.2	5.2	5.2	5.4	5.4	4.8	5.2	4.8	6.2	0,1,11	4.4	14	1.8	5.4
7.2	7.8	8.5	8.0	8.5	8.0	8.5	9.0	8.5	9.0	23	4.2	10	4.8	6.8
13.0	13.5	13.5	12.5	11.5	11.0	10.5	11.0	11.5	13.5	17,18	8.5	varios	5.0	10.6
7.6	7.8	7.6	6.8	7.8	6.8	6.0	6.0	6.4	11.5	0,1	6.0	22,23	5.5	8.8
5.2	5.8	6.0	6.4	5.4	5.6	5.6	5.4	5.4	6.8	13	5.2	5	1.6	5.9
6.8	6.8	6.6	6.8	6.6	7.0	7.0	6.4	6.2	7.0	15,21,22	5.0	6,8	2.0	6.1
10.0	9.5	10.0	10.0	9.5	9.5	9.5	10.0	10.0	11.0	11,12	6.0	2,3	5.0	9.0
12.0	12.0	12.5	11.5	10.5	10.5	11.0	10.5	9.0	12.5	18	9.0	24	3.5	11.1
11.5	11.5	11.5	11.0	11.0	11.0	11.0	11.5	11.5	12.0	varios	9.0	0,1	3.0	11.1
5.8	6.0	5.8	6.0	6.0	6.0	5.8	5.6	5.2	11.5	0,6,7	5.2	24	6.3	8.3
6.4	7.2	6.4	6.4	6.4	6.0	5.8	5.8	5.4	7.2	17	4.4	7	2.8	5.7
4.2	5.6	6.0	6.0	5.4	5.2	4.6	4.8	4.8	6.0	18,19	4.0	7,11	2.0	4.9
6.4	6.0	6.0	6.6	6.6	7.2	7.6	7.6	7.0	7.6	22,23	5.2	7	2.4	6.4
10.5	11.0	9.5	10.0	10.5	11.5	12.0	11.5	12.0	12.0	22,24	6.8	5,6	5.2	9.2
12.5	13.0	12.5	12.0	12.5	12.5	13.5	13.5	14.0	14.5	13	11.0	6,7,8	3.5	12.3
13.0	12.5	12.0	12.0	12.5	13.5	13.5	12.5	12.5	15.5	13	12.0	18,19	3.5	13.5
11.5	12.0	12.5	11.5	11.5	10.5	10.0	9.5	9.5	15.0	11,12	9.5	23,24	5.5	12.2
6.2	6.0	6.0	6.2	6.2	5.8	5.8	6.0	6.0	9.5	0,1	5.8	21,22	3.7	6.9
7.0	6.8	6.6	6.2	6.0	5.8	5.4	5.6	5.4	7.0	varios	5.4	22,24	1.6	6.2
8.0	8.0	8.5	7.8	7.4	7.6	7.2	7.6	7.6	8.5	18	4.2	varios	4.3	6.5
8.5	10.0	9.0	9.5	9.0	8.5	8.0	7.8	7.8	10.0	17	7.0	6,7	3.0	8.3
10.0	10.5	9.5	10.0	9.5	9.5	9.5	9.5	9.5	10.5	17	7.4	2	3.1	9.1
11.5	11.0	10.5	10.5	10.0	10.0	9.5	9.5	9.0	11.5	16	9.0	varios	2.5	9.9
12.0	12.5	12.0	11.0	11.0	10.5	10.0	9.5	9.5	13.0	11	8.5	3,7	4.5	10.6
6.8	6.8	6.8	6.4	6.4	5.8	5.4	5.2	5.0	9.5	0,1	5.0	24	4.5	7.1
8.3	8.5	8.3	8.1	8.0	7.9	7.8	7.8	7.7	9.7		6.3		3.4	8.0

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1							11	65	12	65	1	7						137
2							4	9	13	60							7	73
3	1	2															23	5
4	14	165	9	65													1	231
5	17	187	4	15													3	205
6	1	2					2	12	13	55							8	70
7					12	75	6	34	3	7							3	119
8	9	148	6	60	9	47												255
9	4	38	7	43							2	6	9	40	1	11	1	142
10					1	4	12	76	6	29	1	2	3	11			1	119
11					9	49	12	52									3	104
12			2	14	19	102	1	2									2	119
13	2	18	4	25	4	12	2	8							9	76	3	140
14																	24	2
15					13	102											11	104
16											8	117	10	140			6	257
17											1	7	23	187				194
18			6	37	2	4	1	3	1	2	4	19	2	6			8	74
19	9	185	15	136														321
20	8	74	14	122	1	6											1	202
21	4	50	14	82	6	38												170
22	7	102	10	95	7	60												257
23	8	102	1	3	4	50	2	18	1	8	6	58					2	239
24											10	126	14	336				462
25													24	449				449
26													18	141	4	18	2	160
27			3	17	1	2							3	25	9	86	8	133
28					11	64									8	38	5	107
29					24	243												243
30					16	103	7	89	1	13								205
31							24	257										257
SUMAS	84	1073	95	714	139	961	84	625	50	239	33	342	106	1335	31	229	122	5555
% PREVAL POR VELOCIDAD	19.3		12.8		17.3		11.2		4.3		6.2		24.0		4.1		0.7	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		8		7		7		5		10		13		7		0	179

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	3	5	4	4	1	2	5	2	5
1 - 2	4	4	4	5	1	2	4	2	5
2 - 3	5	4	5	3	1	2	4	1	6
3 - 4	3	5	5	2	1	3	3		9
4 - 5	3	5	4	2	4	1	3		9
5 - 6	3	6	3	3	3	1	3		9
6 - 7	2	7	2	2	3	2	4		9
7 - 8	2	8	4	2	3	2	3		7
8 - 9	6	3	4	3	3	3	3	1	5
9 - 10	7	2	5	5	3	2	3	1	3
10 - 11	8	2	4	6	2	1	4	2	2
11 - 12	8	1	4	6	2	1	5	1	3
12 - 13	4	2	6	4	3	2	4	4	2
13 - 14	5	1	7	3	3	1	5	3	3
14 - 15	5	2	6	3	3		6	2	4
15 - 16	6	2	7	2	3		7	2	2
16 - 17	4		11	2	3		7	1	3
17 - 18	1	2	9	2	2	2	5	1	7
18 - 19	1	4	8	4	2	1	5	1	5
19 - 20		4	11	2	2		5	1	6
20 - 21		7	9	4	1		5	2	3
21 - 22		7	8	4	1	2	4	1	4
22 - 23	2	6	5	5		2	4	1	6
23 - 24	2	6	4	6		1	5	2	5
SUMAS	84	95	139	84	50	33	106	31	122
% de frec. por dirección	11.3	12.8	18.7	11.3	6.7	4.4	14.2	4.2	16.4

NUBES, VISIBILIDAD

DÍAS	NUBES										VISIBILIDAD		
	8h		12h		14h		18h		20h		8h	14h	20h
	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	CLASE	0-8	90 - 99		
1	St	8	Sc	8	St Fs	8	Ci	1	Claro	0	96	98	99
2	Ci	2	Claro	0	Cu	2	Claro	0	Claro	0	8	8	8
3	Claro	0	Claro	0	Cu	1	Claro	0	Claro	0	8	7	6
4	Ci	1	Ci	7	Ci	7	Claro	0	Claro	0	8	8	8
5	Ci	1	Ci	2	Ci	3	Ci	2	Ci	1	8	8	3
6	Ci	3	Ci	3	Cu 1 Ci 2	3	Claro	0	Claro	0	6	7	8
7	Claro	0	Claro	0	Ci	1	Claro	0	Claro	0	9	8	9
8	Ac	2	Claro	0	Claro	0	Ac	7	Claro	0	9	7	8
9	Sc	7	As	8	As	8	Sc	7	Sc	3	8	8	8
10	As	8	Sc	7	Cu 1 Ci 4	5	Claro	0	Claro	0	1	8	8
11	Cs	7	Ci	6	Cu 2 Ci 4	6	Claro	0	Claro	0	6	6	8
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	2	9	8
13	Sc 2 Ac 3 Ci 1	6	Sc > Ac 2	5	Cu 6 Co 1	7	Sc	4	Sc	7	8	8	8
14	Sc	7	Sc	7	Sc	7	Claro	0	Claro	0	5	7	1
15	Niebla	8	St	8	St	8	Ns	8	Ns	8	1	6	3
16	St	8	Cu	1	Cu	2	Claro	0	Claro	0	9	9	7
17	Ac	5	Ac	7	Ac	6	Ac	5	Ac	3	6	8	8
18	Ci	2	Ci	3	Ac	6	Claro	0	Claro	0	8	8	8
19	Ci	2	Cs	8	Cs	7	Ci	4	Claro	0	9	8	8
20	Ci	7	Cs	7	Ci	7	Claro	0	Claro	0	8	8	8
21	Sc	8	Sc	8	Sc	8	Sc	4	Claro	0	8	8	8
22	Sc	6	Sc	8	Sc	7	Sc	3	Claro	0	7	4	8
23	Sc	7	As	8	Fs	8	Ns	8	Ns	8	8	8	6
24	Ns	8	Ns	8	Ob	7	Ns	8	Ns	8	8	8	8
25	Sc	8	Sc	8	Sc	8	Claro	0	Claro	0	8	8	8
26	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	1
27	Claro	0	Ci	1	Ci	3	Cs	1	Claro	0	9	9	9
28	Ac	7	Ac > Ci 3	8	As 1 Cs 7	8	Claro	0	Cs	8	5	8	6
29	St	8	Cu 2 Cs 6	8	Ci	2	Cs	8	Ci	3	5	7	3
30	Claro	0	Ci	5	Sc	8	Ns	8	Ns	8	5	6	6
31	St	8	St	8	Sc	7	Claro	0	Claro	0	8	8	9
Prom.		5		5		5		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	14.0	11.0	0.24	8	0	4	
	10	14.6	11.4	0.26	8	0	4	
	12	17.0	13.0	0.32	8	0	5	
	14	19.7	14.0	0.46	8	0	5	
	15	18.5	13.6	0.40	8	0	5	
2	9	19.4	10.0	0.76	2	5	5	
	10	29.5	12.0	1.42	1	5	5	
	12	33.0	15.4	1.43	0	5	5	
	14	32.2	15.1	1.39	2	5	5	
	15	29.5	14.5	1.22	0	5	5	
3	9	25.9	9.5	1.33	0	5	4	Ne.
	10	30.7	13.2	1.42	0	5	5	
	12	31.5	14.8	1.36	0	5	4	Ne.
	14	28.2	14.1	1.15	1	5	4	
	15	28.6	14.0	1.19	2	5	5	
4	9	26.0	11.0	1.22	1	5	5	
	10	28.5	13.4	1.23	5	5	5	
	12	33.7	16.5	1.40	7	5	5	
	14	32.6	17.0	1.27	7	5	5	
	15	27.0	15.5	0.93	7	5	5	
5	9	28.0	13.8	1.15	3	5	5	
	10	33.0	16.5	1.34	3	5	5	
	12	36.4	19.4	1.38	2	5	5	
	14	34.5	20.0	1.18	3	5	5	
	15	35.0	20.0	1.22	2	5	5	
6	9	23.6	13.2	0.84	4	5	3	Ne.
	10	27.8	15.5	1.00	3	5	3	Ne.
	12	38.0	21.3	1.36	3	5	3	Ne.
	14	37.0	21.6	1.25	3	5	3	Ne.
	15	26.0	18.3	0.63	5	5	3	Ne.
7	9	27.4	11.0	1.33	0	5	5	
	10	31.1	14.2	1.37	0	5	5	
	12	34.9	17.5	1.41	0	5	4	B.
	14	34.2	17.5	1.36	1	5	5	
	15	28.5	15.2	1.08	1	5	5	
8	9	27.0	12.5	1.18	0	5	5	
	10	31.1	15.4	1.28	0	5	5	
	12	35.4	18.8	1.35	0	5	5	
	14	34.2	19.6	1.19	0	5	4	B.
	15	32.5	19.4	1.06	0	5	4	B.
9	9	26.0	17.3	0.71	8	2	5	
	10	28.4	18.8	0.78	7	2	5	
	12	22.0	17.9	0.33	8	2	5	
	14	21.0	17.5	0.28	8.	2	5	
	15	21.0	17.5	0.28	8	2	5	
10	9	16.5	12.4	0.33	8	0	3	Ne.
	10	16.0	12.4	0.29	8	0	3	Ne.
	12	30.0	17.1	1.05	7	5	3	Ne.
	14	36.8	20.6	1.32	5	5	5	
	15	31.6	18.6	1.06	7	5	5	
11	9	19.5	9.0	0.85	6	5	3	Ne.
	10	31.3	14.2	1.39	6	5	3	Ne.
	12	35.0	17.2	1.45	6	5	3	Ne.
	14	29.4	16.2	1.07	6	5	3	Ne.
	15	32.2	16.6	1.27	4	5	5	
12	9	29.0	13.1	1.29	0	5	2	N.
	10	31.5	16.0	1.26	0	5	5	
	12	35.7	18.4	1.41	0	5	5	
	14	35.4	18.5	1.37	0	5	5	
	15	33.5	18.0	1.26	0	5	5	
13	9	17.0	12.4	0.37	6	2	5	
	10	36.4	19.4	1.38	3	5	5	
	12	37.6	22.6	1.22	5	2	5	
	14	29.0	20.5	0.69	7	2	5	
	15	28.1	19.8	0.67	6	5	5	
14	9	19.5	16.0	0.28	8	0	3	Ne.
	10	23.0	17.5	0.45	8	0	3	Ne.
	12	24.2	18.8	0.44	7	1	3	Ne.
	14	26.0	19.7	0.51	7	0	3	Ne.
	15	25.2	19.6	0.46	6	1	3	Ne.
15	9				8	0	1	N., Am.
	10				8	0	1	N., Am.
	12				8	0	3	Ne., Am.
	14	18.5	16.3	0.18	8	0	4	Ne.
	15	18.2	16.1	0.17	8	0	4	Ne.
16	9	17.1	14.4	0.22	8	0	5	
	10	26.5	16.9	0.78	8	0	5	
	12	35.2	20.4	1.20	6	3	5	
	14	37.2	20.7	1.34	2	5	5	
	15	35.0	19.6	1.25	0	5	5	
17	9	25.5	13.3	0.99	5	3	3	Ne.
	10	29.4	15.3	1.15	5	4	4	Ne.
	12	29.2	17.4	0.96	7	3	4	Ne.
	14	37.3	20.1	1.40	6	3	5	
	15	21.3	15.5	0.47	8	2	5	
18	9	29.2	12.1	1.39	1	5	5	
	10	31.5	14.2	1.41	2	5	5	
	12	35.5	17.0	1.46	3	5	5	
	14	35.5	17.6	1.46	6	5	5	
	15	31.1	16.4	1.20	3	5	5	
19	9	29.9	14.4	1.26	3	5	5	
	10	32.0	16.2	1.28	4	5	5	
	12	31.5	18.8	1.03	8	4	5	
	14	28.7	17.6	0.90	7	4	5	
	15	24.5	16.2	0.67	6	5	5	
20	9	25.6	14.4	0.91	7	4	5	
	10	31.2	17.5	1.11	7	4	5	
	12	16.7	14.0	0.22	7	4	5	
	14	31.6	20.5	0.90	7	4	5	
	15	31.6	21.0	0.86	6	4	5	
21	9	19.6	17.4	0.18	7	0	5	
	10	19.6	17.6	0.16	8	0	5	
	12	22.0	19.2	0.23	8	0	5	
	14	25.7	21.6	0.33	8	0	5	
	15	24.5	21.3	0.26	8	1	5	
22	9	28.0	21.2	0.55	5	2	3	Ne.
	10	29.0	22.4	0.54	7	1	3	Ne.
	12	27.1	21.1	0.49	8	1	3	Ne.
	14	20.5	19.5	0.08	7	1	2	Ne.
	15	33.5	24.0	0.77	5	5	5	
23	9	26.5	20.3	0.50	7	2	5	
	10	34.6	23.4	0.91	6	2	5	
	12				8	0	5	LL.
	14				8	0	5	Am.
	15				8	0	5	LL.
24	9				8	0	5	LL.
	10				8	0	5	LL.
	12				8	0	5	LL.
	14				7	0	5	Am.
	15				7	0	5	LL.
25	9	14.2	9.2	0.41	8	0	5	
	10	15.2	10.0	0.42	8	0	5	
	12	20.0	12.4	0.62	8	0	5	
	14	15.2	11.4	0.31	8	0	5	
	15	15.0	11.4	0.29	8	0	5	
26	9	27.6	11.6	1.30	0	5	5	
	10	31.5	14.5	1.38	0	5	5	
	12	35.5	18.2	1.41	0	5	5	
	14	35.8	19.5	1.33	0	5	5	
	15	34.5	19.4	1.23	0	5	5	
27	9	33.0	17.6	1.25	0	5	5	
	10	36.5	20.5	1.30	3	5	5	
	12	40.5	24.0	1.34	1	5	5	
	14	40.1	24.6	1.27	3	5	5	
	15	37.5	23.8	1.11	2	5	5	
28	9	34.6	18.7	1.29	2	5	5	
	10	38.0	21.9	1.31	3	5	5	
	12	33.8	22.7	0.90	8	4	5	
	14	33.6	22.7	0.89	8	4	5	
	15	32.4	22.4	0.81	7	4	5	
29	9	16.1	12.6	0.28	8	0	3	Ne.
	10	18.5	13.6	0.40	8	0	3	Ne.
	12	38.0	20.0	1.46	8	4	3	Ne.
	14	37.7	20.5	1.40	2	4	5	
	15	32.0	19.5	1.02	2	4	5	
30	9	34.6	20.4	1.15	0	5	3	Ne.
	10	38.6	23.5	1.23	0	5	3	Ne.
	12	35.3	24.7	0.86	5	4	3	Ne.
	14	22.4	19.1	0.27	8	0	3	Ne.
	15				8	0	3	Ne., Am.
31	9				8	0	5	Am.
	10				8	0	5	Am.
	12				8	0	5	Am.
	14	15.2	11.2	0.32	7	0	5	
	15	15.0	11.4	0.29	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				0.2	0.4	0.5	0.4			1.6	10.3	16
2				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.5	10.3	82
3			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.1	10.4	88
4			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.2	10.4	88
5				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.7	10.4	84
6				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	10.4	81
7				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.6	10.5	82
8				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.6	10.5	82
9				0.1	0.1	0.1									0.3	10.5	03
10							0.5	0.8	1.0	1.0	1.0	0.4			4.7	10.6	44
11				0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.3	10.6	78
12				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			8.8	10.6	83
13				0.2	0.6	0.8	1.0	0.6	0.5	0.8	0.8	0.6			5.9	10.7	55
14						0.4	0.3		0.4		0.3				1.4	10.7	13
15															0.0	10.7	00
16					0.2	0.4	0.4	1.0	1.0	1.0	1.0	0.9			5.9	10.8	55
17				0.7	0.7	1.0	1.0	1.0	1.0	0.1					5.5	10.8	51
18				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			8.9	10.8	82
19			0.2	1.0	1.0	1.0	0.8	0.7	1.0	0.7	0.7	0.4			7.5	10.8	69
20				0.4	0.7	1.0	0.2	0.8	0.7	0.9	0.3	0.5			5.5	10.9	50
21								0.2							0.2	10.9	02
22					0.3	0.2				0.8	0.6	0.1			2.0	10.9	18
23															0.0	11.0	00
24					0.1	0.3		0.3	0.1	0.2					1.0	11.0	09
25							0.1	0.3	0.3	0.2					0.9	11.0	08
26			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.5	11.1	86
27			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.1	11.1	82
28				0.7	1.0	1.0	1.0	0.2	0.9	0.6	0.3				5.7	11.1	51
29							1.0	1.0	1.0	1.0	0.8				4.8	11.2	43
30				0.9	1.0	1.0	1.0	0.2							4.1	11.2	37
31										0.2	0.2	1.0			1.4	11.3	12
Medias			0.0	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.0		5.3	10.8	50

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	12.5	12.4	12.2	12.0	12.0	12.0	10.3	10.3	10.6	10.9	10.6	10.8	13.5	13.4	13.6
2	10.0	11.2	10.6	10.2	10.8	10.7	9.5	9.4	9.4	10.4	10.0	10.0	13.4	13.2	13.2
3	8.0	10.0	9.6	8.6	9.4	8.6	8.4	8.2	8.6	9.6	9.2	9.2	12.9	12.6	12.6
4	8.0	9.4	9.8	8.1	8.9	9.3	7.8	7.4	8.1	7.8	8.2	8.6	12.4	12.0	12.1
5	8.7	10.4	10.8	8.5	9.8	10.1	7.7	7.6	8.4	8.6	8.2	8.1	12.1	11.8	11.9
6	9.2	11.4	11.0	9.3	10.4	11.0	8.0	8.2	9.2	8.6	8.6	9.2	12.0	12.0	12.2
7	9.0	10.8	10.4	9.4	10.2	10.3	8.4	8.4	8.2	9.0	9.0	9.0	12.4	12.4	12.3
8	9.4	10.6	11.2	9.2	9.9	10.5	8.4	8.0	8.8	9.2	8.6	9.2	12.4	12.2	12.3
9	11.1	12.4	12.6	10.7	11.4	11.9	9.1	9.4	9.9	9.4	9.6	9.9	12.5	12.6	12.7
10	12.6	13.1	12.6	11.8	12.1	12.2	10.1	10.2	10.4	10.2	10.4	10.6	13.0	13.1	13.0
11	10.3	11.6	11.1	10.5	11.2	11.1	9.6	9.2	9.8	10.1	9.8	10.1	13.3	11.2	13.1
12	8.4	10.8	10.8	9.1	10.2	10.6	8.4	8.4	9.2	9.4	9.2	9.4	13.0	12.9	12.8
13	9.8	12.2	12.6	9.7	11.0	11.6	8.6	9.1	9.7	9.4	9.5	9.7	12.9	12.9	12.9
14	12.3	13.2	13.6	11.5	12.2	12.7	9.9	9.8	10.8	10.2	10.0	10.8	11.1	13.1	13.3
15	13.1	13.4	13.5	12.4	12.7	12.9	10.8	10.8	10.8	10.8	11.0	11.1	13.6	13.7	13.7
16	13.6	14.3	13.6	13.0	13.4	13.0	11.2	11.4	11.4	11.0	11.4	11.6	13.9	14.0	14.0
17	11.0	12.6	12.4	11.2	11.8	11.9	10.3	10.2	10.4	11.0	10.7	10.8	14.0	13.9	13.7
18	9.8	11.4	11.4	10.2	11.0	11.2	9.6	9.4	10.0	10.6	10.0	10.2	13.7	13.4	13.5
19	9.8	11.4	11.4	9.8	10.7	10.9	9.0	9.3	9.6	9.8	9.7	9.8	13.4	13.3	13.2
20	10.2	11.6	12.6	10.2	11.0	11.6	9.0	9.0	9.8	9.6	9.4	9.8	11.1	13.0	13.1
21	12.6	13.6	14.4	12.2	12.8	13.4	10.0	10.2	11.2	10.2	10.4	11.2	13.3	13.4	13.7
22	14.2	15.2	15.8	13.7	13.6	14.6	11.2	11.8	12.6	11.2	11.4	12.0	13.9	14.1	14.4
23	14.8	15.9	15.8	14.8	15.1	14.9	12.7	12.8	12.8	12.5	12.6	12.8	14.8	15.0	15.0
24	13.8	13.6	13.0	13.6	13.0	12.3	12.1	12.6	11.3	12.5	12.3	11.8	15.1	15.0	14.8
25	11.2	11.4	11.8	11.2	11.3	11.4	10.0	9.8	10.2	11.0	10.6	10.6	14.4	14.2	14.0
26	9.6	13.0	12.8	10.0	11.6	12.2	9.2	11.4	10.4	10.2	10.0	10.6	13.8	13.7	13.7
27	10.6	15.0	14.4	10.6	13.0	13.6	9.4	10.4	11.5	10.2	10.6	11.0	11.7	13.8	13.8
28	12.2	15.8	15.0	12.0	14.0	14.3	10.4	11.0	12.1	11.0	11.0	11.6	14.0	14.2	14.4
29	13.6	15.2	14.8	13.1	13.7	14.2	11.7	11.4	12.2	12.0	11.6	12.3	14.7	14.6	14.7
30	13.5	16.4	15.6	13.0	15.0	14.8	11.7	12.2	12.6	12.1	12.2	12.4	15.0	15.0	14.8
31	13.4	13.2	12.7	13.0	12.8	12.6	11.7	11.5	11.6	12.4	12.1	11.8	15.2	15.1	15.0
Prom.	11.2	12.7	12.6	11.0	11.8	12.0	9.8	10.0	10.4	10.4	10.3	10.5	13.3	13.4	13.5

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					2	0.2	0.3	0.4	0.9	R. 12	22.5	21.4	24.2	24.0	21.1	11731
2					1	0.2	0.7	0.7	2.1							11732
3					1	0.7	0.7	0.7	1.6							11729
4					0	0.2	1.2	1.0	2.5							11723
5					0	0.3	1.0	1.9	3.1	R. 13	23.5	22.4	25.9			11719
6					0	0.2	0.9	0.1	1.2							11715
7					0	0.2	1.1	0.7	2.3							11717
8	0.5	0.7	0.4	0.4	0	0.5	1.7	1.3	3.1							11718
9					1	0.1	0.5	0.2	0.8							11715
10					1	0.1	0.3	0.5	1.1	R. 14	21.6	25.3	27.1			11713
11					0	0.3	0.7	0.6	1.4							11720
12					0	0.1	1.2	0.6	2.0							11722
13					0	0.2	0.6	0.6	1.4							11714
14					0	0.2	0.2	0.4	0.6							11713
15	11.8	12.4	10.8	11.8	1	0.0	0.1	0.1	0.2	R. 15	22.1	20.4	22.8			11712
16					2	0.0	0.8	0.4	1.6							11711
17					1	0.4	1.1	0.9	2.3							11715
18					1	0.3	0.6	0.9	1.9							11724
19					1	0.4	1.5	1.1	3.2							11718
20					0	0.6	0.6	1.2	2.2	R. 16	21.3	20.0	24.4	24.2		11718
21	0.0	0.0	0.0	0.0	0	0.4	1.5	0.4	2.6							11720
22	0.0	0.2	0.0	0.0	0	0.7	0.7	0.7	3.3							11720
23	30.0	30.7	29.5	29.5	2	1.9	0.1	0.1	0.8							11606
24	1.9	2.0	1.7	1.3	2	0.6	0.3	0.3	0.8							11607
25					2	0.2	0.6	0.3	1.0	R. 17	22.4	21.1	22.6			11609
26					1	0.1	0.7	0.5	1.4							11609
27					1	0.2	1.1	1.0	2.3							11685
28					0	0.2	0.8	0.7	1.7							11689
29					0	0.2	0.3	0.3	0.7							11679
30	27.8	30.6	28.0	26.9	0	0.1	0.7	0.4	1.3	R. 18	22.8	20.2	22.7			11675
31					2	0.2	0.2	0.4	1.0							11663
Prom.	72.0	76.6	70.4	69.9	-	0.3	0.7	0.6	1.6	-	-	-	-	-	-	11698

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
12.4	12.4	10.8	13.0	13.2	13.0	15.2	16.8	7.7	Cn. m. y t., Ca. n., Z. m., r. n.
12.1	12.2	12.1	13.0	12.9	12.9	15.2	16.8	- 2.8	Ca. m. t. y n., h. m., r. n.
11.9	11.0	11.8	12.8	12.9	13.0	15.1	16.6	- 6.2	Ca. m. t. y n., h. m., Ne. t. y n.
11.4	11.4	11.4	12.8	13.0	12.9	15.1	16.7	- 5.4	Ca. m. y n., Cn. t., h. m., r. n.
11.6	11.0	11.6	12.8	12.8	12.8	15.1	16.7	- 1.4	Ca. m. t. y n., r. Ns. n.
11.0	11.2	11.1	12.7	12.7	12.7	15.2	16.6	- 0.6	Ca. m. t. y n., Ne. m. y t., r. n.
11.2	11.4	11.3	12.6	12.7	12.7	15.2	16.6	- 0.7	Ca. m. t. y n., h. m., B. t., r. n.
11.4	11.4	11.3	12.5	12.7	12.7	15.1	16.6	- 3.4	Ca. m. y n., Cn. t., B. t.
11.4	11.5	11.5	12.6	12.6	12.6	15.0	16.6	1.4	Cn. m. y t., Ca. n., CH. m.
11.7	11.8	11.8	12.6	12.6	12.6	15.0	16.6	6.3	Cn. m. y t., Ca. n., N. m.
11.9	12.0	11.8	12.5	12.7	12.6	15.0	16.5	- 2.9	Cn. m. y t., Ca. n., Ne. m., B. t.
11.7	11.7	11.7	12.5	12.7	12.5	15.0	16.5	- 6.6	Ca. m. t. y n., N. m.
11.7	11.7	11.8	12.6	12.6	12.6	15.0	16.5	- 1.9	Ca. m. t. y n.
11.8	11.8	11.8	12.6	12.7	12.6	15.0	16.5	7.7	Cn. m. y t., Ca. n., Ne. m., N. n.
12.3	12.3	12.3	12.7	12.7	12.7	14.9	16.5	5.0	Cn. m. t. y n., N. m. y n., Ne. t, LL. t. y n.
12.4	12.4	12.5	12.8	12.8	12.8	14.8	16.5	12.8	Cn. m., Ca. t. y n., Ne. n.
12.5	12.5	12.4	12.7	12.8	12.8	14.9	16.4	- 1.6	Ca. m. y t., Cn. n., Ne. m.
12.4	12.2	12.3	12.8	13.2	13.1	14.9	16.4	- 4.4	Ca. m. y n., Cn. t., r. n.
12.1	12.2	12.0	12.8	12.8	12.8	14.9	16.4	- 2.1	Ca. m. y n., Cn. t., r. m. y n.
12.0	12.0	11.9	12.9	13.1	13.0	14.9	16.4	- 1.4	Cn. m. y t., Ca. n., Ds. m., r. n.
12.0	12.0	12.3	13.0	12.9	13.0	14.8	16.5	6.7	Cn. m. y t., Ca. n.
12.3	12.5	12.8	13.0	13.2	13.2	14.8	16.5	5.1	Cn. m. y t., Ca. n., Ne.Ru.CH. t.
13.2	13.3	13.4	13.1	13.1	13.1	14.9	16.4	14.3	Cn. m. t. y n., Ru.LL. m. t. y n.
13.4	13.5	13.4	13.2	13.2	13.1	14.7	16.5	8.7	Cn. m. t. y n., LL. m. t. y n.
12.7	12.7	12.8	13.3	13.3	13.2	14.8	16.0	5.8	Cn. m. y t., Ca. n., P. t., r. n.
12.5	12.4	12.4	13.2	13.3	13.2	14.8	16.0	- 2.9	Ca. m. t. y n., Ne. n.
12.2	12.5	12.4	13.3	13.3	13.3	14.8	16.0	1.6	Ca. m. t. y n., r. m. y n.
12.4	12.6	12.8	13.3	13.3	13.3	14.8	16.1	3.7	Cn. m. t. y n., Ne. m. y n.
13.1	13.0	12.7	13.4	13.4	13.4	14.5	16.1	6.1	Cn. m. y t., Ca. n., Ne. m., N. t. y n.
13.2	13.6	13.6	13.4	13.4	13.3	14.7	16.1	6.2	Ca. m., Cn. t. y n, N. m, Ne. t, Ru.LL. n.
13.8	13.7	13.6	13.3	13.4	13.6	14.7	16.1	9.5	Cn. m. y t., Ca. n., r. n.
12.2	12.2	12.2	12.9	13.0	12.9	14.9	16.4	2.1	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	64.6	70.9	7	10,11	57.2	1	1-2	8.9	14.6	3.3	17.7	6	14	- 4.7	3	7	6.8	10.4	65
2ª	63.2	73.4	18	10-11	49.6	16	3-4	10.7	16.2	4.8	19.2	20	14-15	- 0.7	18	7	5.8	10.7	54
3ª	59.0	66.5	31	24	52.0	23	7	12.7	17.6	8.4	22.6	22,23	23,24;0	- 0.8	26	6,7	3.5	11.1	32
MES	62.2	73.4	18	10-11	49.6	16	3-4	10.8	16.2	5.6	22.6	22,23	23,24;0	- 4.7	3	7	5.3	10.8	50

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	80	100	varios	40	7	6.7	13.5	3.0	S	5	60	8	26	8	11-12	36	N	8	11.24	0.7	0.7	9	0.7	9	4-5
2ª	81	100	varios	37	18	7.8	12.5	4.0	Calma	-	72	19	29	19	10-11	44	N	19	10.28	12.4	12.4	15	2.5	15	18-19
3ª	85	100	varios	48	27	9.3	15.5	4.2	E	8	60	30	32	24	14-15	49	W	24	15.32	63.5	30.7	23	7.0	30	17-18
MES	82	100	varios	37	18	8.0	15.5	3.0	E	7	72	19	32	24	14-15	49	W	24	15.32	76.6	30.7	23	7.0	30	17-18

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	3	2	3	-	1	-	-	1	1	-	1	-	-	-	-	-	-
2ª	3	-	5	3	-	-	-	1	-	-	-	-	-	-	2	-	-
3ª	3	-	3	3	-	-	-	4	-	-	2	-	-	-	3	4	4
MES	9	2	11	6	1	-	-	6	1	-	3	-	-	-	5	4	4

DÉCADA	FENOMENOS 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	6	3	-	-	-	-	-	-	-	-	-	7	1	2	-	-
2ª	2	-	-	-	-	1	-	-	-	-	-	1	2	1	-	-
3ª	3	-	-	-	-	-	-	-	-	1	-	2	3	1	-	-
MES	11	3	-	-	-	1	-	-	-	1	-	10	6	4	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII SETIEMBRE 1952 Nº 9

RESUMEN MENSUAL

Al comenzar el mes una sudestada configura el estado del tiempo. Regístrase nubosidad elevada, lluvias de variada intensidad, y temperatura algo inferior a la normal. El cielo se despeja el día 5; la temperatura sigue en continuo aumento hasta el 7. Por la tarde de este día llega al Observatorio una intensa masa de aire polar ocasionando descenso brusco de la temperatura (13.7°C hasta media noche) y fuerte ascenso de la presión (9.2 mmHg en el mismo intervalo). El día siguiente la presión alcanza el valor más alto del mes con 772.9 mmHg. Por la fuerte irradiación en esta aeromasa seca y fría, la humedad absoluta y temperatura alcanzan sus mínimas mensuales con 3.6 mmHg y -2.2°C respectivamente. Por última vez en este invierno la temperatura se encuentra por debajo del punto de congelación en el abrigo meteorológico. Hasta el fin de la década predomina tiempo bueno con temperatura y humedad en ascenso.

Al principio de la segunda década un nuevo empuje de aire fresco llega hasta el Río de la Plata. El 12 reina buen tiempo. Con el cambio del viento al sector N el tiempo empeora rápidamente el día 13 y llueve ligeramente el 14 y el 15. La presión en descenso hasta la madrugada del 15 alcanza entonces con 752.5 mmHg su mínimo mensual. Luego del pasaje de un débil frente frío reina tiempo bueno el 16. Debido a una intensa depresión en la desembocadura del Río de la Plata, los cuatro últimos días de la década son lluviosos y frescos con fuertes vientos del sector S.

En la última década continúa la afluencia de aire de origen polar; la temperatura mantiénese hasta el 23, inferior siempre a la media, reinando tiempo bueno. En este día una corriente del N de origen tropical hace que la temperatura y humedad aumenten en forma pronunciada. Este ascenso vese sólo interrumpido el 27 por el pasaje de un frente frío con ligeras lluvias. La temperatura y tensión del vapor siguen luego aumentando hasta el 29, día en que registran sus máximas mensuales con 27.3°C y 18.5 mmHg respectivamente. El pasaje de otro frente frío el último día del mes desencadena las lluvias más copiosas del mismo; los valores de la temperatura y humedad corresponden a los de la altura del año.

Los distintos elementos meteorológicos no varían mayormente con respecto a su media, excepto la precipitación que registra sólo un 60% del valor 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	172	310	284	259	284	368	339	402	535	576	500	391	374	380	374
2	278	284	322	345	291	220	259	239	226	239	220	220	233	246	278
3	-181	-167	138	186	193	239	310	278	272	246	272	- ∞	110	193	220
4	110	97	124	138	124	62	138	207	233	233	233	193	166	138	104
5	207	207	226	226	179	207	297	350	368	414	233	179	152	97	110
6	179	- 21	117	110	76	83	97	152	193	172	172	110	110	97	104
7	83	90	97	90	90	97	124	124	166	207	179	117	117	110	110
8	76	62	62	62	69	76	83	117	138	90	76	104	104	117	131
9	193	284	124	252	193	186	193	226	233	252	259	239	172	131	145
10	69	55	55	62	62	76	97	124	110	124	124	124	152	138	138
11	55	55	55	62	83	97	104	83	76	104	104	83	83	69	83
12	76	76	83	83	83	34	55	90	297	226	239	207	117	124	117
13	97	83	90	110	117	110	124	145	152	138	172	145	172	152	124
14	97	83	76	76	83	83	97	97	97	131	145	110	83	48	14
15	97	69	55	166	110	41	41	69	97	138	213	110	97	97	124
16	178	190	207	168	130	120	147	219	256	212	125	87	107	99	154
17	90	97	124	124	124	124	131	138	166	124	138	138	138	138	159
18	69	207	69	69	138	110	104	104	117	131	131	90	- ∞	± ∞	- 34
19	62	41	48	41	28	62	69	83	83	97	76	41	55	117	76
20	83	76	55	97	117	104	104	110	159	172	186	145	138	152	159
21	159	138	172	152	110	76	220	284	233	220	186	159	124	152	124
22	55	69	48	55	55	83	83	76	76	76	90	83	110	159	34
23	55	48	83	83	124	124	83	97	104	110	138	152	166	124	145
24	55	55	83	90	97	104	124	145	159	193	152	124	104	97	104
25	90	83	90	83	83	90	83	90	90	90	76	104	104	97	69
26	104	97	-	-	-	-	-	117	138	124	97	76	69	69	55
27	62	62	83	83	-	-	-	-	-	-	-	-	-	-	-
28	246	207	233	350	391	265	304	426	582	380	272	193	159	172	145
29	104	110	110	55	69	34	48	90	90	83	69	69	69	83	124
30	± ∞	- 14	- 7	28	34	34	28	34	14	14	83	179	138	152	110
31															
Prom	124.9	121.0	126.8	138.9	135.4	127.4	148.1	178.1	210.9	204.9	183.6	156.6	145.3	140.8	134.2

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.61	0.42	1.03	1.45	336	157	493	2.14	1.27	1.87
2	0.55	0.47	1.02	1.17	395	295	690	1.34	0.97	1.11
3	0.50	0.42	0.92	1.19	282	194	476	1.45	1.24	1.51
4	0.96	0.72	1.68	1.33	700	514	1214	1.36	0.96	0.98
5	0.64	0.51	1.15	1.25	325	198	523	1.64	1.38	1.80
6	1.21	0.99	2.20	1.22	413	255	668	1.62	2.06	2.71
7	1.22	1.11	2.33	1.10	717	612	1329	1.17	1.19	1.27
8	1.17	0.99	2.16	1.18	992	864	1856	1.15	0.82	0.80
9	0.72	0.59	1.31	1.22	564	442	1006	1.27	0.90	0.93
10	1.07	0.92	1.99	1.15	728	643	1371	1.13	1.03	1.00
11	1.13	1.00	2.13	1.13	746	588	1334	1.27	1.05	1.19
12	0.94	0.76	1.70	1.24	743	483	1226	1.54	0.89	1.10
13	0.97	0.81	1.78	1.20	824	677	1501	1.24	0.82	0.84
14	0.89	0.77	1.66	1.16	672	579	1251	1.16	0.93	0.93
15	1.02	0.81	1.83	1.24	582	381	963	1.53	1.23	1.48
16	0.81	0.63	1.44	1.28	475	320	795	1.49	1.19	1.37
17	0.81	0.68	1.49	1.19	632	581	1213	1.07	0.90	0.81
18	1.44	1.46	2.90	0.98	917	980	1897	0.94	1.10	1.04
19	1.42	1.31	2.74	1.08	890	796	1686	1.12	1.11	1.15
20	1.27	1.16	2.43	1.10	828	769	1697	1.07	1.17	1.06
21	1.11	0.92	2.03	1.21	829	709	1538	1.17	0.94	0.91
22	0.75	0.57	1.32	1.32	467	303	770	1.53	1.17	1.32
23	0.75	0.64	1.39	1.17	497	401	898	1.24	1.05	1.12
24	0.96	0.82	1.78	1.17	640	500	1140	1.28	1.05	1.15
25	-	-	-	-	590	482	1072	1.22	-	-
26	0.72	0.63	1.35	1.14	409	278	687	1.47	1.23	1.58
27	0.50	0.42	0.92	1.19	390	253	643	1.54	0.90	1.16
28	0.56	0.45	1.01	1.24	343	180	523	1.90	1.14	1.75
29	0.71	0.59	1.30	1.20	434	285	719	1.52	1.15	1.45
30	1.25	1.01	2.26	1.24	741	541	1282	1.37	1.18	1.30
31										
Prom.	0.91	0.77	1.68	1.18	602	474	1076	1.27	1.06	1.14

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
316	246	408	460	495	437	322	252	233	363.2	652	138	514	0
259	220	193	259	239	246	138	14	593	252.5	739	- 97	836	1
220	179	278	449	495	291	246	391	-326		∞	- ∞	-	3*
110	110	131	193	252	304	252	220	291		447	-167	614	2
117	138	131	159	138	179	220	124	90	197.8	529	00	529	0
104	166	207	166	159	117	110	110	90	124.2	333	- 90	423	1
110	97	83	83	34	28	28	34	55	98.0	272	- 21	293	1
124	110	117	166	207	220	179	213	207	121.2	310	- 83	393	1
152	166	172	166	76	152	124	110	83	178.5	658	-138	796	1
131	124	138	159	152	110	76	76	55	105.4	220	41	179	0
90	90	76	- 41	21	41	62	69	62		138	- 69	207	1
117	110	117	159	233	179	138	117	131	133.7	333	00	333	0
138	138	193	239	172	138	159	110	83	137.5	333	55	278	0
- 55	166	239	159	186	166	145	152	55	105.5	316	-224	540	1
76	70	83	74	120	154	178	178	171		284	- 28	312	2
85	19	- 23	91	87	122	122	83	72		280	- 53	333	1
252	246	145	179	138	76	14	322	55		716	-978	1694	1
-152	-138	69	69	55	28	48	55	41		∞	- ∞	-	3*
90	104	83	69	83	69	55	41	55		193	- 21	214	1
131	159	166	166	193	179	193	186	193	142.6	239	21	218	0
138	110	69	110	110	83	55	41	55	136.7	339	7	332	0
- 48	- 90	117	124	124	104	104	90	55	72.2	564	-350	914	1
138	97	69	48	62	83	62	69	76	97.5	272	14	258	0
104	131	97	104	152	166	124	104	83	114.6	350	14	336	0
97	97	97	97	83	83	83	83	97	89.1	252	14	238	0
97	90	83	± ∞	- ∞	110	48	48	55		∞	- ∞	-	3*
-	-	-	-	- 48	- 41	152	252	193		∞	- ∞	-	3*
220	138	159	166	233	97	124	145	138	239.4	716	00	716	0
117	90	97	76	97	97	90	83	- 55	79.1	166	-296	462	1
110	97	97	124	159	193	179	117	117		∞	- ∞	-	3*
126.8	127.0	151.0	161.4	165.5	150.7	130.2	111.2	121.9	146.8				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
14974	13936	28910	1.05	12.46	76,000
15466	14819	30285	1.04	8.52	72,250
14828	12482	27310	1.18	-	36,500
8750	8004	16754	1.09	2.50	27,500
11464	10570	22034	1.08	7.60	1,012
9280	7924	17204	1.17	9.13	15,500
5148	4406	9554	1.17	7.61	17,500
6321	5907	12228	1.07	8.75	24,000
11363	10691	22054	1.06	7.80	33,000
6951	5831	12782	1.19	7.03	20,500
6916	5909	12825	1.17	-	15,000
7996	7705	15701	1.04	7.56	23,500
8932	7960	16892	1.13	8.15	36,000
9719	9144	18863	1.06	5.86	62,500
6580	5793	12373	1.13	-	18,500
9610	8778	18388	1.09	-	28,500
9956	9047	19003	1.10	-	62,500
3812	3026	6838	1.26	-	18,500
3624	2653	6277	1.37	-	-
3437	2615	6052	1.31	11.55	41,000
5946	5308	11254	1.12	9.25	50,250
11476	10614	22090	1.08	3.17	44,000
11105	10692	21797	1.04	4.52	55,750
9418	8669	18087	1.09	6.81	21,000
8036	7101	15137	1.13	-	26,750
12347	12642	24989	0.97	-	30,750
23337	31031	54368	0.75	-	99,750
19766	23013	42779	0.85	7.96	62,250
9988	9830	19818	1.02	3.43	51,750
5832	5773	11605	1.01	-	13,000
9739	9247	18986	1.05	7.33	37,414

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.19	0.65	0.68	0.89	0.92	0.66	-	-	-	-	1.02	0.26
2	0.44	0.44	0.44	0.47	0.32	0.38	0.33	0.30	0.46	0.57	0.57	0.74
3	0.49	0.46	0.47	0.47	0.58	0.58	0.46	0.54	0.47	0.45	0.47	0.39
4	1.36	1.44	1.51	1.34	1.12	1.24	1.32	1.29	1.25	1.06	1.00	0.88
5	0.45	0.72	0.40	0.38	0.44	0.46	0.42	0.48	0.37	0.46	0.64	0.69
6	-	-	-	-	-	-	-	-	-	1.51	1.08	1.32
7	-	-	-	-	-	-	-	-	-	0.82	0.74	0.97
8	1.76	1.82	1.78	1.67	1.51	1.48	1.46	1.33	1.24	1.24	1.12	1.01
9	0.52	0.47	0.68	0.50	0.56	0.48	0.62	0.48	0.64	0.47	0.88	0.64
10	1.34	1.42	1.36	1.25	1.13	0.99	0.94	0.98	0.90	0.92	0.96	1.21
11	1.39	1.53	1.56	1.21	1.20	0.96	0.78	1.04	0.97	1.05	0.74	1.06
12	1.56	1.23	1.35	0.80	0.76	-	-	-	0.70	1.10	1.08	0.89
13	0.94	1.24	1.17	0.93	1.02	0.74	0.94	0.90	0.76	1.14	0.98	0.86
14	1.34	1.50	1.52	1.37	1.40	1.08	1.24	0.90	0.88	0.93	0.80	0.79
15	0.54	0.55	0.59	0.70	0.82	0.97	1.18	0.95	1.08	0.97	0.98	1.39
16	0.54	0.44	0.50	0.62	0.76	0.78	0.89	0.96	0.87	1.18	1.23	1.28
17	1.16	0.90	0.86	1.04	0.87	0.77	0.94	0.94	0.86	0.77	0.91	0.96
18	1.11	1.76	1.83	1.70	1.60	1.54	1.51	1.60	1.64	1.36	1.20	1.28
19	1.67	1.65	1.74	1.56	1.51	1.68	1.52	1.32	1.35	1.35	1.20	1.36
20	1.30	1.34	1.34	1.38	1.12	1.10	1.10	1.00	1.24	1.28	1.26	1.30
21	1.46	1.50	1.48	1.46	1.34	1.24	1.18	1.24	1.10	1.04	1.00	1.17
22	0.61	0.50	0.61	0.77	0.80	0.94	0.86	0.80	0.69	0.69	0.89	0.96
23	0.59	0.82	0.54	0.66	0.56	0.61	0.70	0.78	0.97	0.92	0.94	0.69
24	0.90	1.02	0.87	1.06	0.66	0.76	0.78	0.70	0.69	0.66	2.04	1.22
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	0.65	0.78	0.62	0.63	0.60	0.58	0.78	0.60	0.46	0.40	0.31	0.50
28	0.54	0.61	0.56	0.63	0.37	0.34	0.78	0.64	0.67	0.69	0.56	0.47
29	0.61	0.61	0.44	0.46	0.57	0.46	0.48	0.69	0.79	0.89	0.90	1.04
30	-	-	-	-	-	-	-	-	-	1.70	1.58	1.68
31												
Promedio	0.98	1.02	1.00	0.96	0.90	0.87	0.92	0.89	0.88	0.95	0.97	0.96

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	0.51	0.29	0.36	0.44	0.35	0.30	-	-	-	-	0.46	0.58
2	0.34	0.37	0.37	0.34	0.25	0.32	0.29	0.29	0.54	0.50	0.50	0.66
3	0.46	0.48	0.37	0.34	0.40	0.44	0.37	0.40	0.34	0.37	0.37	0.37
4	0.79	0.98	1.16	1.06	0.91	1.18	0.90	0.86	0.78	0.83	0.76	0.62
5	0.44	0.42	0.27	0.27	0.29	0.32	0.29	0.29	0.25	0.37	0.42	0.55
6	-	-	-	-	-	-	-	-	-	-	0.92	1.10
7	-	-	-	-	-	-	-	-	-	0.70	0.53	0.98
8	1.70	1.66	1.70	1.48	1.34	1.30	1.30	1.10	1.06	1.08	1.04	0.94
9	0.32	0.30	0.42	0.42	0.38	0.39	0.36	0.32	0.55	0.56	0.76	0.69
10	1.18	1.18	1.16	1.07	0.99	0.72	0.66	0.82	0.84	0.80	0.82	1.15
11	1.26	1.31	1.28	1.08	1.03	0.71	0.58	0.83	0.87	0.82	0.89	0.86
12	1.26	0.86	1.09	1.10	0.57	-	-	-	0.42	0.92	0.78	0.74
13	0.88	0.90	0.94	0.51	0.67	0.62	0.64	0.69	0.81	0.94	0.76	0.74
14	1.16	1.26	1.19	1.44	0.99	1.06	0.90	0.79	0.84	0.80	0.66	0.70
15	0.44	0.48	0.52	0.51	0.74	0.89	1.15	0.76	0.82	0.73	0.80	1.11
16	0.39	0.36	0.39	0.42	0.55	0.48	0.50	0.48	0.62	1.00	1.15	0.91
17	1.04	0.74	0.68	0.82	0.59	0.69	0.72	0.80	0.64	0.66	0.76	0.72
18	1.38	1.68	1.72	1.51	1.18	1.18	1.18	1.38	1.26	1.24	1.11	1.36
19	1.61	1.58	1.70	1.51	1.54	1.60	1.42	1.20	1.20	1.16	1.18	1.30
20	1.30	1.25	1.32	1.26	1.06	0.98	1.08	0.94	1.16	1.06	1.08	1.20
21	1.30	1.32	1.35	1.23	1.08	1.04	1.04	1.01	0.92	0.77	0.82	1.30
22	0.34	0.27	0.36	0.55	0.39	0.42	0.47	0.40	0.51	0.60	0.72	0.83
23	0.62	0.71	0.62	0.48	0.36	0.42	0.50	0.44	0.67	0.84	0.92	0.82
24	0.80	0.80	0.88	0.66	0.80	0.45	0.39	0.59	0.62	0.57	1.22	1.15
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	0.49	0.54	0.54	0.49	0.56	0.54	0.68	0.42	0.48	0.29	0.23	0.42
28	0.29	0.42	0.70	0.51	0.32	0.54	0.62	0.48	0.57	0.50	0.42	0.36
29	0.46	0.44	0.36	0.42	0.42	0.37	-	0.46	0.74	0.76	0.79	0.91
30	-	-	-	-	-	-	-	-	-	-	1.78	1.44
31												
Promedio	0.83	0.82	0.86	0.80	0.71	0.70	0.73	0.68	0.73	0.75	0.81	0.85

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.47	0.46	0.46	0.50	0.50	0.48	0.47	0.53	0.52	0.56	0.52	0.39	0.61
0.72	0.69	0.69	0.66	0.64	0.64	0.60	0.58	0.45	0.50	0.57	0.99	0.55
0.51	0.52	0.45	0.49	0.48	0.46	0.49	0.54	0.52	0.55	0.58	0.59	0.50
0.90	0.82	0.97	1.08	1.12	0.98	0.39	0.35	0.35	0.35	0.40	0.40	0.96
0.78	0.80	1.06	1.19	1.02	0.86	-	-	-	-	-	-	0.64
1.10	1.21	1.17	1.10	-	-	-	-	-	-	-	-	1.21
1.06	0.99	1.19	1.36	1.10	1.20	1.08	1.34	1.50	1.46	1.76	1.72	1.22
1.06	1.04	1.00	0.94	0.87	0.99	0.80	1.03	1.14	0.52	0.70	0.50	1.17
0.88	1.02	1.10	0.95	0.70	0.76	0.67	0.60	0.79	0.66	0.86	1.46	0.72
1.00	0.90	0.88	1.00	0.95	0.82	1.00	0.84	1.04	1.22	1.16	1.37	1.07
0.86	1.00	1.08	1.02	0.82	0.82	1.08	1.34	1.32	1.37	1.44	1.52	1.13
0.92	0.86	0.95	1.02	1.05	1.09	0.93	0.75	0.58	0.52	0.74	0.90	0.94
0.91	0.92	0.78	0.90	0.88	0.76	0.72	1.04	1.04	1.12	1.28	1.40	0.97
0.78	0.90	0.88	0.82	0.63	0.51	0.50	0.45	0.44	0.54	0.66	0.60	0.89
1.40	1.46	1.46	1.42	1.51	1.42	1.52	0.79	0.80	0.74	0.69	0.62	1.02
0.85	0.96	1.02	0.77	0.85	0.54	0.50	0.48	0.58	0.72	0.94	1.13	0.81
0.91	0.84	0.78	0.68	0.53	0.45	0.50	0.72	0.84	0.82	0.82	0.52	0.81
1.32	0.64	0.98	1.09	1.20	1.60	1.50	1.67	1.70	1.65	1.60	1.60	1.44
1.39	1.27	1.38	1.45	1.48	1.32	1.34	1.32	1.32	1.22	1.34	1.25	1.42
1.46	1.32	1.28	1.36	0.91	1.22	1.20	1.28	1.27	1.41	1.49	1.48	1.27
1.24	1.32	1.38	1.41	1.36	0.84	0.98	0.66	0.55	0.58	0.55	0.60	1.11
0.96	0.94	0.94	0.91	0.94	0.52	0.40	0.45	0.56	0.68	0.72	0.92	0.75
0.82	0.78	0.84	0.87	0.97	0.62	0.59	0.62	0.74	0.74	0.82	0.88	0.75
1.30	1.37	1.02	0.78	0.51	0.87	-	-	-	-	-	-	0.96
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	0.92	1.00	0.79	0.75	0.51	0.49	0.78	0.82	0.60	0.54	0.72
0.42	0.57	0.44	0.44	0.44	0.38	0.38	0.36	0.34	0.35	0.33	0.68	0.50
0.45	0.45	0.54	0.70	0.88	0.63	0.55	0.40	0.50	0.44	0.50	0.56	0.56
0.98	0.92	0.79	0.90	0.86	0.78	0.71	0.61	0.61	0.49	-	-	0.71
1.34	1.24	1.16	1.27	1.35	1.25	0.83	0.68	0.66	1.00	1.50	1.54	1.25
0.96	0.94	0.95	0.97	0.91	0.84	0.78	0.77	0.80	0.81	0.90	0.97	0.91

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.44	0.46	0.39	0.46	0.48	0.42	0.42	0.40	0.46	0.50	0.42	0.34	0.42
0.66	0.70	0.60	0.55	0.57	0.60	0.46	0.44	0.37	0.41	0.64	0.49	0.47
0.46	0.46	0.40	0.40	0.42	0.40	0.37	0.36	0.44	0.44	0.42	0.71	0.42
0.72	0.72	0.84	0.88	0.86	0.62	0.29	0.29	0.25	0.29	0.36	0.29	0.72
0.73	0.99	1.06	0.99	0.84	0.43	-	-	-	-	-	-	0.51
1.02	1.02	1.01	0.87	-	-	-	-	-	-	-	-	0.99
0.88	0.87	1.00	1.08	1.00	0.90	0.96	1.26	1.64	1.43	1.78	1.60	1.11
0.96	0.98	0.90	0.86	0.79	0.69	0.56	0.73	0.40	0.36	0.44	0.34	0.99
0.78	0.88	0.96	0.82	0.55	0.64	0.53	0.48	0.60	0.52	0.70	1.18	0.59
1.02	0.84	0.77	0.87	0.86	0.68	0.84	0.62	0.99	0.97	1.02	1.16	0.92
0.76	0.96	0.98	0.93	0.66	0.64	1.04	1.40	1.24	1.25	1.30	1.36	1.00
0.80	0.83	0.82	0.82	0.86	0.92	0.46	0.36	0.46	0.49	0.66	0.74	0.76
0.80	0.87	0.79	0.76	0.82	0.66	0.64	0.88	0.87	0.95	1.06	1.21	0.81
0.73	0.82	0.90	0.66	0.50	0.44	0.39	0.37	0.39	0.48	0.44	0.48	0.77
1.22	1.30	1.35	1.26	1.31	0.92	0.82	0.48	0.44	0.44	0.42	0.46	0.81
0.72	0.90	0.69	0.67	0.74	0.42	0.42	0.42	0.53	0.60	0.80	0.92	0.63
0.76	0.70	0.80	0.55	0.44	0.41	0.42	0.53	0.80	0.92	0.64	0.50	0.68
1.66	1.54	1.51	1.51	1.54	1.64	1.43	1.70	1.61	1.64	1.58	1.54	1.46
1.28	1.01	1.32	1.30	1.27	1.26	1.34	1.01	1.18	1.10	1.16	1.20	1.31
1.20	1.16	1.36	1.27	1.13	1.01	0.89	1.14	1.01	1.22	1.35	1.40	1.16
1.32	1.28	1.20	1.08	1.03	0.72	0.57	0.36	0.34	0.40	0.40	0.34	0.92
0.87	0.78	0.82	0.74	0.82	0.44	0.36	0.40	0.50	0.55	0.64	0.90	0.57
0.69	0.80	0.64	0.69	0.66	0.84	0.48	0.48	0.58	0.58	0.62	0.82	0.64
1.32	1.20	0.87	0.77	0.60	1.15	-	-	-	-	-	-	0.82
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	0.92	0.82	0.64	0.66	0.64	0.68	0.40	0.64	0.50	0.40	0.63
0.44	0.40	0.36	0.33	0.44	0.29	0.34	0.29	0.29	0.32	0.32	0.60	0.42
0.37	0.37	0.48	0.60	0.82	0.40	0.37	0.27	0.30	0.32	0.44	0.37	0.45
0.82	0.78	0.61	0.70	0.72	0.64	0.58	0.51	0.50	0.50	-	-	0.59
1.24	1.04	0.98	0.94	1.09	0.92	0.75	0.49	0.40	0.70	1.10	1.24	1.01
0.88	0.88	0.87	0.83	0.80	0.70	0.63	0.63	0.76	0.69	0.77	0.82	0.77

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	782	260	347	521	434	260	260	260	347	347	260	260
2	260	260	260	260	260	260	260	260	521	608	608	707
3	174	260	260	260	347	434	260	260	260	260	260	174
4	782	782	782	707	608	782	782	868	1035	1275	1194	955
5	260	347	260	260	260	260	260	260	174	260	347	521
6	521	260	260	260	174	174	260	260	347	434	521	782
7	608	707	608	608	707	608	608	707	707	782	707	707
8	1035	1035	955	1035	1035	1035	955	1194	1434	1595	1515	1515
9	347	347	347	260	260	260	260	347	782	752	707	707
10	868	868	831	868	707	570	608	782	1035	868	707	782
11	955	1035	868	868	868	608	521	707	707	868	955	707
12	1035	868	955	707	521	608	347	260	434	955	1115	1115
13	868	868	782	782	868	608	521	868	952	1035	868	868
14	1115	1115	1115	1115	868	708	868	707	782	868	782	782
15	260	260	260	260	347	521	608	434	521	707	1035	868
16	260	260	260	260	347	434	434	434	521	868	868	868
17	782	521	521	608	434	434	608	868	868	868	955	1035
18	707	1035	1194	955	955	782	782	868	1515	1435	1515	955
19	868	868	868	782	868	868	868	782	868	955	1115	955
20	608	707	707	707	608	608	608	608	868	868	782	868
21	707	707	707	707	608	608	608	707	955	1115	1194	1275
22	347	260	434	434	434	521	521	521	868	868	782	608
23	347	434	347	347	174	260	434	608	955	955	782	707
24	434	521	434	434	347	434	608	521	868	782	868	1035
25	707	782	868	782	608	707	608	707	868	782	608	782
26	260	347	347	347	260	347	521	434	434	434	434	434
27	434	434	347	434	347	347	434	521	347	434	347	347
28	347	260	347	347	347	347	260	347	347	347	260	260
29	347	347	260	260	347	260	521	434	434	434	521	521
30	955	1674	707	-	-	-	-	-	-	955	707	608
31												
Promedio	599	614	575	558	515	505	524	570	716	790	777	757

IONES LIVIANOS NEGATIVOS "n−" por cm³

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
1	312	75	75	75	75	150	75	75	75	150	226	150
2	75	75	75	75	226	226	75	150	451	676	752	676
3	312	312	75	75	150	226	75	75	75	75	150	150
4	451	526	451	676	786	602	376	451	676	1120	1120	905
5	75	75	150	226	150	150	150	226	75	150	226	376
6	75	226	150	75	75	150	150	226	75	150	312	526
7	312	451	376	312	376	451	526	602	752	1052	752	602
8	976	976	976	905	752	752	752	1052	1460	1665	1595	1595
9	150	150	226	226	150	226	226	226	639	676	602	602
10	752	828	752	676	602	451	451	782	1320	1188	1052	976
11	752	752	676	676	451	376	312	602	676	976	976	676
12	602	451	376	312	226	312	75	75	75	526	868	976
13	752	676	526	526	752	376	226	752	976	1120	905	976
14	905	828	905	828	608	602	639	676	828	976	828	828
15	75	150	150	226	226	376	526	312	312	312	752	608
16	150	150	150	150	226	226	226	150	150	752	752	526
17	602	376	312	451	376	376	451	752	905	976	1120	1120
18	526	976	905	752	526	602	526	676	1530	1530	1390	976
19	828	828	828	752	868	752	752	608	602	828	1188	828
20	602	602	676	526	526	526	526	526	752	676	752	828
21	676	602	676	602	451	526	526	526	752	1120	1188	1320
22	150	226	150	150	150	226	226	376	602	828	676	376
23	226	226	150	150	150	150	226	526	1120	1120	752	676
24	376	376	376	376	150	312	312	419	828	828	828	1052
25	602	526	526	526	376	526	451	676	976	905	905	828
26	75	150	226	226	226	226	376	226	226	312	376	376
27	150	150	150	226	150	150	226	226	226	376	312	451
28	312	312	226	150	150	150	150	75	150	75	75	150
29	150	150	150	226	150	75	226	75	312	376	451	451
30	1052	1188	-	-	-	-	-	-	-	828	526	226
31												
Promedio	435	446	394	384	348	353	339	418	607	745	747	694

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
347	260	260	347	434	347	347	347	260	260	260	260	336
608	608	521	347	347	434	347	347	260	260	347	521	395
347	347	347	347	260	260	260	347	260	260	260	260	282
782	868	868	868	707	521	260	260	347	260	260	260	700
434	434	521	434	434	434	347	260	260	260	260	260	325
608	608	707	521	434	434	260	260	347	434	521	521	413
608	608	707	707	608	608	608	782	955	955	955	1035	717
1435	1275	1115	1035	868	782	608	521	434	521	434	434	992
782	868	955	955	434	608	608	434	608	521	521	868	564
434	570	707	707	707	608	521	521	782	782	782	868	728
608	608	521	521	521	521	434	868	868	868	868	1035	746
1194	1035	1035	955	782	707	521	521	347	434	521	868	743
955	955	955	955	782	608	434	608	782	782	955	1115	824
707	608	608	434	521	434	347	260	260	347	434	347	672
868	868	868	868	955	868	782	434	434	347	347	260	582
707	707	608	521	347	260	260	260	347	347	608	608	475
1035	868	868	608	434	347	347	434	521	434	434	347	632
521	434	868	868	707	955	955	782	782	868	782	782	917
1194	1035	1194	1035	955	868	868	707	707	707	707	707	890
1194	1275	1035	1035	955	955	782	868	782	782	868	782	828
1435	1435	1435	1275	1115	782	707	434	347	347	347	347	829
521	434	434	521	434	260	260	174	347	347	434	434	467
707	521	608	521	521	347	347	347	347	434	347	521	497
1035	955	868	868	782	608	521	521	434	434	434	608	640
608	608	521	434	521	434	347	434	434	434	347	260	591
521	521	521	521	521	521	434	174	434	347	347	347	409
434	347	434	347	347	347	347	347	434	434	434	347	390
174	260	347	521	521	521	347	347	347	347	347	347	343
608	521	521	521	521	434	434	434	347	521	521	347	434
608	868	782	955	782	782	782	521	434	347	434	434	741
734	710	725	685	609	553	481	452	475	481	504	538	602

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
226	226	226	226	376	226	150	150	150	150	75	75	157
602	602	526	226	226	312	150	150	150	150	312	150	295
226	312	312	226	312	312	150	150	150	150	226	376	194
676	752	752	752	451	226	150	150	75	75	75	75	514
376	312	526	376	226	75	150	150	75	150	150	150	198
451	526	602	312	226	226	150	150	226	312	376	376	255
526	451	602	526	526	312	451	752	976	976	976	1052	612
1460	1320	1052	976	752	451	312	226	150	226	150	226	864
752	976	976	905	312	376	312	376	451	226	312	526	442
489	526	676	526	526	312	226	226	526	526	526	526	643
451	451	312	312	312	226	451	828	752	752	676	676	588
1120	905	828	782	526	376	226	226	226	376	451	676	483
976	905	976	828	676	376	226	312	526	451	676	752	677
676	602	753	602	312	226	226	226	226	226	226	150	579
676	752	752	752	752	312	150	226	226	226	150	150	381
602	526	376	312	226	226	226	150	226	226	451	526	320
1120	976	905	526	312	226	226	226	312	676	312	312	581
1460	1730	1188	1120	1250	905	976	828	752	828	752	828	980
1120	905	1188	955	752	752	752	602	602	526	676	602	796
1120	1250	1250	1460	1188	752	526	676	602	602	752	752	769
1390	1530	1320	1250	976	526	226	226	150	150	150	150	709
376	312	312	226	312	226	150	150	150	226	312	376	303
608	451	451	451	376	226	226	150	150	226	376	451	401
1052	828	752	752	376	376	312	226	226	226	226	419	500
752	602	451	376	376	226	220	150	150	150	150	150	482
312	376	451	376	312	312	312	451	150	226	226	150	278
312	451	226	526	312	226	226	226	226	75	150	312	253
150	150	226	226	312	150	226	226	226	150	150	150	180
376	376	312	376	312	312	312	312	226	226	451	451	285
376	602	828	976	752	376	312	312	150	150	226	312	541
694	690	670	607	488	339	290	307	306	321	357	396	474

IONES PESADOS POSITIVOS "N^+" por cm^3

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
1	4490	8060	8060	5380	4490	7180	8060	9860	16130	14350	21520	17950
2	20350	17050	17950	17050	21520	22400	26900	26900	17050	8060	9860	10770
3	8950	18870	14350	13430	8950	11690	14350	12590	13430	18870	21520	18870
4	3585	3585	3585	2690	3585	3585	3585	4490	4490	6295	6295	7180
5	17050	6295	11690	13430	12590	13430	12590	13430	15250	14350	8950	7180
6	17050	14350	10770	9860	11690	11690	12590	12590	8950	6295	12590	4490
7	5380	4490	5380	5380	4490	5380	5380	7180	-	8060	10770	6295
8	2690	3585	2690	2690	2690	3585	4490	4490	4490	4490	4490	5380
9	13430	13430	12590	14350	14350	15250	17950	17950	8950	13430	14350	12590
10	6295	5380	7180	5380	6295	8950	8950	8950	6295	7180	5380	5380
11	5380	5380	5380	6295	6295	8060	11690	8950	7180	7180	8950	7180
12	3585	4490	4490	-	6295	6295	6295	6295	6295	6295	8060	7180
13	7180	5380	6295	7180	7180	10770	8950	6295	9860	8060	8950	11690
14	6295	5380	5380	4490	5380	5380	6295	7180	6295	7180	9860	8950
15	11690	11690	9860	7180	7180	6295	5380	5380	5380	5380	4490	3585
16	11690	15250	12590	10770	6295	8060	7180	9860	7180	4490	4490	4490
17	5380	6295	9860	7180	9860	8950	7180	6295	7180	9860	7180	7180
18	5380	2690	2690	3585	3585	4490	3585	4490	3585	6295	6295	5380
19	3585	3585	2690	3585	2690	3585	3585	3585	2690	3585	5380	2690
20	2690	3585	2690	2690	3585	3585	3585	3585	3585	3585	3585	3585
21	2690	2690	2690	2690	3585	3585	3585	3585	3585	4490	5380	4490
22	10770	11690	12590	10770	9860	9860	11690	13430	9860	10770	11690	12590
23	11690	7180	9860	11690	14350	12590	10770	8060	7180	6295	8060	16130
24	7180	8060	12590	8950	10770	9860	8060	10770	10770	12590	12590	5380
25	5380	5380	5380	5380	5380	6295	8060	6295	5380	7180	6295	6295
26	12590	16130	18870	18870	18870	20700	21520	25150	11690	8950	8950	6295
27	11690	11690	12590	14350	17050	14350	10770	13430	16130	35000	27800	18870
28	27800	25150	20350	21520	20350	17950	13430	20350	36790	26900	-	-
29	12590	11690	17950	17950	11690	15250	14350	16130	7180	5380	5380	3585
30	3585	4490	5380	3585	5380	5380	17050	7180	1795	2690	5380	7180
31												
Promedio	8936	8766	9147	8909	8876	9481	9928	10158	9125	9451	9665	8235

IONES PESADOS NEGATIVOS "N^-" por cm^3

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
1	3585	7180	5380	3585	5380	7180	6295	11690	11690	16130	16130	17950
2	17050	17050	17050	17950	23360	25150	28730	30580	6295	8950	8060	10770
3	16130	16130	11690	12590	8950	13430	14350	12590	13430	14350	15250	15250
4	2690	2690	2690	2690	2690	2690	2690	2690	5380	4490	5380	7180
5	9860	7180	13430	13430	12590	10770	10770	12590	14350	10770	6295	5380
6	12590	17950	7180	8060	10770	9860	10770	10770	5380	5380	3585	3585
7	3585	2690	3585	4490	3585	3585	5380	7180	-	7180	9860	2690
8	2690	1795	1795	1795	1795	1795	4490	4490	4490	3585	3585	4490
9	12590	11690	12590	14350	15250	22400	17050	15250	8060	14350	13430	10770
10	4490	5380	4490	4490	6295	6295	8060	5380	5380	5380	3585	4490
11	4490	4490	4490	6295	5380	8950	9860	5380	5380	6295	8950	6295
12	3585	5380	3585	5380	4490	4490	5380	6295	8060	5380	8060	7180
13	4490	6295	4490	7180	7180	8060	8950	6295	7180	8060	9860	9860
14	4490	3585	4490	5380	5380	6295	6295	5380	6295	8950	8060	8950
15	11690	11690	8060	7180	5380	5380	3585	5380	4490	3585	2690	3585
16	11690	12590	10770	7180	6295	6295	7180	7180	5380	-	1795	3585
17	4490	7180	5380	5380	7180	6295	7180	5380	8060	7180	7180	5380
18	3585	2690	2690	2690	3585	3585	3585	3585	3585	5380	5380	2690
19	2690	1795	1795	1795	1795	1795	2690	3585	2690	2690	1795	2690
20	1795	2690	1795	2690	3585	2690	2690	2690	2690	1795	2690	1795
21	1795	1795	1795	1795	2690	2690	3585	2690	9860	4490	4490	3585
22	9860	9860	12590	8950	8060	9860	10770	7180	8060	11690	10770	10770
23	10770	11690	8950	8950	11690	8950	10770	8060	5380	5380	10770	12590
24	8060	8060	12590	7180	8950	8950	7180	8950	10770	11690	6295	4490
25	4490	4490	3585	4490	4490	6295	8950	5380	5380	3585	4490	6295
26	12590	17050	20700	20700	21520	23360	20700	17950	9860	8060	7180	8060
27	10770	11690	13430	15250	14350	12590	8950	16130	17050	-	35900	-
28	29600	26000	21520	20350	18870	14350	20350	25150	37680	44990	-	26900
29	12590	11690	17050	16130	11690	16130	15250	11690	7180	-	7180	-
30	3585	2690	2690	1795	5380	3585	6295	17950	1795	5380	15250	5380
31												
Promedio	8079	8438	8078	8006	8287	8792	9293	9516	8320	8709	8412	7332

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
20350	21520	22400	21520	16130	21520	17950	15250	17950	18870	18870	21520	14974
11690	12590	14350	17950	18870	14350	13430	11690	14350	12590	7180	6295	15466
15250	13430	15250	16130	16130	15250	14350	11690	10770	8950	8950	9860	14828
8060	8950	8060	8060	8060	7180	15250	17050	18870	20700	20700	15130	8750
5380	4490	3585	3585	4490	5380	8060	16130	20350	22400	20700	14350	11464
6295	4490	5380	5380	7180	7180	12590	12590	10770	8060	5380	4490	9280
3585	3585	3585	3585	5380	6295	5380	4490	3585	3585	3585	3585	5148
5380	6295	5380	5380	6295	7180	10770	9860	10770	15250	11690	11690	6321
10770	7180	6295	6295	8060	8060	10770	12590	8060	9860	9860	6295	11363
6295	8060	7180	7180	6295	8060	9860	10770	5380	5380	5380	5380	6951
12590	8060	7180	7180	8060	6295	5380	4490	5380	5380	4490	3585	6916
7180	8060	8060	8950	8060	8060	10770	10770	16130	14350	10770	7180	7996
10770	9860	10770	9860	8950	12590	16130	8950	7180	8950	7180	5380	8932
8950	8950	8950	10770	12590	17950	17950	18870	17050	14350	8950	9860	9719
3585	4490	3585	3585	3585	4490	4490	7180	8060	9860	8950	12590	6580
8060	8060	6295	13430	12590	15250	16130	15250	11690	10770	5380	5380	9610
7180	9860	8950	11690	14350	20350	17050	11690	8950	7180	8950	20350	9956
3585	3585	2690	3585	3585	3585	3585	2690	3585	2690	2690	3585	3812
3585	4490	2690	4490	4490	3585	3585	4490	3585	3585	3585	3585	3624
3585	3585	2690	3585	3585	3585	4490	3585	4490	3585	2690	2690	3437
5380	6295	4490	6295	5380	8060	8060	8950	11690	12590	11690	10770	5946
9860	8950	8950	7180	8060	15250	17050	22400	13430	11690	9860	7180	11476
10770	11690	14350	14350	12590	13430	14350	13430	10770	11690	8060	7180	11105
4490	4490	5380	8950	7180	7180	9860	9860	14350	13430	13430	9860	9418
8950	9860	8060	5380	6295	8060	13430	16130	9860	12590	9860	11690	8036
6295	5380	5380	5380	7180	7180	15250	10770	11690	10770	10770	11690	12347
35000	9860	23360	40400	37680	26900	25150	31460	32300	33190	31460	29600	23337
20350	18870	12590	9860	7180	12590	15250	22400	27800	26000	16130	15250	19766
4490	4490	6295	5380	11690	8060	10770	12590	14350	11690	4490	6295	9988
5380	4490	4490	4490	4490	4490	6295	7180	7180	8060	7180	7180	5832
9103	8132	8222	9328	9482	10246	11781	12175	12002	11935	9962	9682	9739

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
20350	22400	20700	18870	14350	17950	16130	17050	17050	17050	18870	21520	13936
11690	11690	13430	18870	15250	12590	12590	11690	12590	11690	6295	6295	14819
11690	13430	12590	13430	15250	14350	12590	10770	8950	8950	5380	8060	12482
8060	8060	7180	5380	5380	6295	15250	16130	18870	20700	20700	16130	8004
4490	3585	1795	3585	4490	5380	12590	17950	22400	20350	17050	12590	10570
4490	3585	4490	5380	8060	9860	16130	10770	7180	5380	4490	4490	7924
8950	3585	5380	3585	4490	4490	4490	3585	2690	2690	1795	1795	4406
5380	5380	4490	5380	8950	7180	8950	9860	10770	14350	11690	12590	5907
7180	6295	5380	5380	7180	7180	10770	8950	7180	9860	8060	5380	10691
9860	5380	5380	6295	6295	8950	8950	8060	4490	4490	3585	4490	5831
12590	6295	5380	6295	5380	6295	4490	3585	3585	4490	3585	3585	5909
7180	8060	7180	7180	6295	11690	11690	11690	18870	11690	8060	8060	7705
8950	7180	12590	7180	8950	11690	13430	8060	8060	8060	4490	4490	7960
8060	7180	9860	8950	12590	16130	20350	18870	15250	9860	8950	9860	9144
2690	3585	3585	3585	2690	2690	4490	8060	6295	8950	10770	8950	5793
8060	7180	6295	13430	12590	15250	16130	16130	9860	8060	4490	4490	8778
8060	8950	8950	11690	12590	18870	13430	9860	7180	7180	17050	17050	9047
2690	2690	2690	2690	2690	2690	2690	2690	1795	1795	2690	1795	3026
2690	3585	2690	3585	3585	3585	3585	1795	2690	2690	2690	2690	2653
2690	2690	1795	3585	3585	2690	2690	2690	2690	3585	2690	1795	2615
3585	3585	3585	4490	7180	5380	6295	9860	12590	8950	10770	9860	5308
8950	9860	7180	6295	8950	15250	20700	21520	9860	8950	9860	8950	10614
12590	12590	13430	13430	12590	15250	12590	13430	9860	10770	8950	7180	10692
3585	4490	8950	7180	7180	8060	8060	12590	14350	13430	13430	3585	8669
8060	8950	4490	4490	6295	10770	16130	8950	11690	8060	9860	10770	7101
10770	8950	6295	8960	5380	9860	14350	8950	10770	9860	10770	10770	12642
53820	56480	56480	-	44600	33190	53820	56480	-	42150	33190	32300	31031
20350	17050	15250	21520	20350	23360	25150	23360	28730	22400	12590	13430	23013
3585	8950	5380	5380	6295	8060	8950	12590	13430	6295	5380	5380	9830
-	5380	3585	4490	2690	3585	6295	7180	7180	7180	8060	5380	5773
9693	9236	8882	7950	9472	10619	12792	12438	10583	10664	9541	8790	9247

COMPONENTE NORTE en MV/Km

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	3.0	16.5	15.1	9.1	3.0	3.0	1.5	- 3.2	6.0	1.5	3.0	6.0	6.0
2	9.0	13.6	13.6	12.1	19.7	3.0	13.6	4.5	4.5	4.5	- 6.4	6.0	3.0
3	4.5	13.6	6.0	13.6	9.1	7.6	7.6	7.6	3.0	13.6	4.5	9.1	3.0
4	18.1	21.2	19.7	19.7	25.7	15.1	13.6	12.1	6.0	7.6	6.0	9.1	13.6
5	9.1	9.1	10.6	10.6	12.1	10.6	12.1	4.5	3.0	4.5	1.5	9.1	3.0
6	7.6	13.6	10.6	9.1	10.6	13.6	10.6	12.1	-	-	-	-	-
7	9.1	3.0	13.6	13.6	13.6	7.6	12.1	7.6	9.1	6.0	9.1	-	-
8	16.6	10.6	10.6	-	-	-	-	-	13.6	13.6	13.6	12.1	9.1
9	9.1	13.6	15.1	15.1	12.1	9.1	12.1	13.6	10.6	12.1	13.6	10.6	4.5
10	9.1	13.6	15.1	12.1	13.6	12.1	7.6	9.1	9.1	7.6	9.1	10.6	9.1
11	7.6	10.6	10.6	12.1	9.1	9.1	-	10.6	12.1	12.1	12.1	12.1	9.1
12	12.1	18.1	15.1	15.1	10.6	7.6	10.6	7.6	13.6	15.1	10.6	7.6	18.1
13	12.1	15.1	15.1	13.6	12.1	7.6	4.5	6.0	4.5	6.0	7.5	12.1	12.1
14	10.6	12.1	10.6	13.6	12.1	7.6	7.6	6.0	3.0	3.0	7.6	4.5	4.5
15	10.6	16.6	12.1	15.1	16.6	13.6	12.1	9.1	9.1	6.0	4.5	4.5	6.0
16	10.6	15.1	12.1	10.6	13.6	9.1	6.0	3.0	3.0	7.6	12.1	13.6	7.6
17	9.1	12.1	10.6	12.1	12.1	7.6	3.0	3.0	7.6	6.0	9.1	13.6	7.6
18	7.6	15.1	21.2	21.2	18.1	13.6	4.5	4.5	6.0	10.6	9.1	9.1	3.0
19	4.5	7.6	7.6	7.6	10.6	3.0	3.0	1.5	3.0	7.6	3.0	6.0	3.0
20	6.0	7.6	7.6	10.6	13.6	6.0	6.0	4.5	4.5	6.0	9.1	9.1	3.0
21	7.6	6.0	6.0	9.1	7.6	4.5	4.5	1.5	1.5	1.5	3.0	3.0	1.5
22	4.5	12.1	6.0	7.6	6.0	1.5	1.5	- 1.6	1.5	6.0	9.1	7.6	4.5
23	4.5	6.0	9.1	9.1	9.1	3.0	1.5	1.5	3.0	3.0	7.6	10.6	9.1
24	6.0	7.6	7.6	9.1	9.1	3.0	3.0	1.5	- 1.6	4.5	7.6	13.6	7.6
25	9.1	9.1	10.6	9.1	10.6	7.6	6.0	6.0	4.5	6.0	7.6	12.1	13.6
26	21.2	12.1	15.1	21.2	10.6	4.5	3.0	3.0	3.0	7.6	7.6	9.1	7.6
27	- 1.6	7.6	7.6	7.6	12.1	7.6	4.5	- 1.6	1.5	3.0	7.6	15.1	12.1
28	6.0	9.2	13.6	15.1	15.1	12.1	13.6	13.6	12.1	15.1	10.6	13.6	18.1
29	7.6	18.1	7.6	6.0	10.6	1.5	3.0	- 1.6	- 1.6	7.6	7.6	9.1	12.1
30	19.7	13.6	15.1	19.7	21.2	19.7	13.6	12.1	13.6	15.1	12.1	9.1	9.1
31													
Prom	9.0	12.0	11.7	12.4	12.4	8.0	7.2	5.4	5.8	7.6	7.6	9.6	7.9
Var.	1.6	4.6	4.3	5.0	5.0	0.6	- 0.2	- 2.0	- 1.6	0.2	0.2	2.2	0.5

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-17.0	-12.8	- 7.1	- 7.1	-11.4	-19.9	-17.0	- 8.5	-14.2	- 9.9	- 2.8	- 5.7	- 8.5
2	- 4.3	-17.0	- 7.1	- 8.5	-14.2	-19.9	-17.0	- 8.5	-17.0	- 9.9	- 9.9	-15.6	-12.8
3	- 8.5	-14.2	-11.4	- 9.9	-15.6	-21.3	-19.9	-12.8	-21.3	-15.6	-15.6	-18.5	-14.2
4	- 5.7	-15.7	- 8.5	- 8.5	- 9.9	-17.1	-14.2	- 8.5	-15.7	-11.4	-17.1	-12.8	-14.2
5	- 9.9	-14.2	-11.4	-11.4	-17.0	-18.5	-	-	-17.0	-15.6	-14.2	-17.0	-12.8
6	-14.2	-11.4	- 9.9	- 8.5	-17.0	-17.0	-34.1	-31.2	-	-	-	-	-
7	-18.5	-18.5	-18.5	-12.8	-14.2	-19.9	-17.0	-24.1	-22.7	-22.7	-18.5	-17.0	-15.6
8	-19.9	-18.5	-19.9	-	-	-	-	-	-17.0	-17.0	-15.6	-12.8	-14.2
9	-17.0	-25.6	-21.3	-18.5	-24.1	-32.7	-21.3	-22.7	-19.9	-22.7	-22.7	-15.6	-19.9
10	-17.0	-24.1	-19.9	-18.5	-25.6	-25.6	-28.4	-27.0	-24.1	-22.7	-22.7	-19.9	-18.5
11	-19.9	-24.1	-19.9	-21.3	-28.4	-28.4	-	-22.7	-19.9	-22.7	-17.0	-15.6	-17.0
12	-21.3	-25.6	-21.3	-19.9	-27.0	-32.7	-29.8	-22.7	-28.4	-22.7	-27.0	-25.6	-22.7
13	-24.1	-38.3	-27.0	-24.1	-29.8	-34.1	-32.7	-27.0	-28.4	-27.0	-24.1	-25.6	-29.8
14	-24.1	-31.2	-24.1	-24.1	-24.1	-28.4	-24.1	-28.4	-34.1	-34.1	-28.4	-28.4	-28.4
15	-28.5	-32.7	-24.1	-21.4	-25.6	-32.7	-29.8	-25.6	-31.2	-29.8	-31.2	-28.4	-29.8
16	-22.7	-31.2	-28.4	-28.4	-35.5	-36.9	-34.1	-28.4	-31.2	-29.8	-29.8	-29.8	-29.8
17	-28.4	-38.3	-29.8	-31.8	-36.9	-41.2	-36.9	-34.1	-42.6	-34.1	-27.0	-29.8	-31.2
18	-25.6	-27.0	-24.1	-24.1	-25.6	-31.2	-38.3	-28.4	-45.4	-29.8	-31.2	-27.0	-31.2
19	-42.6	-49.7	-45.4	-44.0	-48.3	-61.1	-51.1	-48.3	-45.4	-45.4	-41.2	-45.4	-45.4
20	-38.3	-46.9	-38.3	-36.9	-46.9	-48.3	-38.3	-36.9	-35.5	-42.6	-36.9	-39.8	-38.3
21	-42.6	-45.4	-38.2	-35.5	-35.5	-39.8	-34.1	-42.6	-44.0	-42.6	-42.6	-44.0	-41.2
22	-36.9	-36.9	-32.7	-31.2	-42.6	-41.2	-34.1	-28.4	-29.8	-31.2	-28.4	-29.8	-28.4
23	-29.8	-31.2	-28.4	-28.4	-32.7	-35.5	-34.1	-27.0	-27.0	-27.0	-39.8	-28.4	-24.1
24	-22.7	-32.7	-24.1	-25.6	-32.7	-31.2	-32.7	-24.1	-28.4	-22.7	-25.6	-27.0	-29.8
25	-39.8	-39.8	-36.9	-38.3	-44.0	-45.4	-45.4	-39.8	-42.6	-39.8	-36.9	-39.8	-39.8
26	-34.1	-39.8	-36.9	-35.5	-35.5	-48.3	-42.6	-42.6	-49.7	-45.4	-39.8	-38.3	-38.3
27	-35.5	-38.3	-38.3	-35.5	-42.6	-45.4	-39.8	-36.9	-34.1	-36.9	-35.5	-32.7	-34.1
28	-36.9	-44.0	-38.3	-31.2	-34.1	-35.5	-21.3	-29.8	-42.6	-48.3	-45.4	-45.4	-44.0
29	-45.4	-41.2	-35.5	-36.9	-39.8	-41.2	-36.9	-36.9	-39.8	-36.9	-35.5	-38.3	-38.3
30	-38.3	-39.8	-32.7	-34.1	-39.8	-31.2	-39.8	-31.2	-34.1	-34.1	-35.5	-41.2	-42.6
31													
Prom	-32.1	-30.2	-25.3	-24.6	-29.5	-33.2	-31.3	-28.0	-30.4	-28.6	-27.5	-27.4	-27.4
Var.	- 3.4	- 1.5	3.4	4.1	- 0.8	- 4.5	- 2.6	0.7	- 1.7	0.1	1.2	1.3	1.3

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
10.6	7.6	9.1	- 1.6	6.0	4.5	6.0	- 1.6	13.6	12.1	7.6	6.0	2
10.6	3.0	- 3.2	4.5	1.5	3.0	10.6	3.0	6.0	16.6	12.1	7.0	2
4.5	1.6	6.0	- 3.2	6.0	10.6	7.6	15.1	16.6	15.1	16.6	8.3	2
13.6	6.0	6.0	7.6	7.6	7.6	4.5	3.0	10.6	9.1	9.1	11.3	1
3.0	1.5	4.5	9.1	9.1	12.1	9.1	12.1	10.6	10.6	3.0	7.7	2
-	-	6.0	6.0	4.5	4.5	3.0	6.0	13.6	13.6	6.0	8.9	2
-	- 9.5	6.0	4.5	1.5	3.0	-11.1	10.6	10.6	13.6	7.6	6.7	2
12.1	9.1	6.0	6.0	7.6	10.6	9.1	13.6	13.6	13.6	12.1	11.2	2
10.6	7.6	1.5	6.0	10.6	13.6	15.1	4.1	12.1	16.6	12.1	10.9	2
13.6	7.6	1.5	3.0	9.1	7.6	9.1	9.1	7.6	9.1	7.6	9.3	1
10.6	12.1	10.6	6.0	7.6	13.6	13.6	7.6	6.0	13.0	7.6	10.2	1
12.1	12.1	6.0	4.5	6.0	7.6	12.1	6.0	9.1	12.1	10.6	10.8	1
10.6	7.6	3.0	3.0	3.0	4.5	3.0	6.0	9.1	10.6	4.5	8.0	1
10.6	6.0	9.1	4.5	4.5	6.0	9.1	12.1	10.6	13.6	10.6	8.3	1
12.1	9.1	1.5	4.5	9.1	6.0	7.6	6.0	13.6	12.1	9.1	9.4	1
9.1	7.6	6.0	6.0	1.5	7.6	9.1	9.1	6.0	9.1	6.0	8.4	1
9.1	6.0	6.0	6.0	7.6	7.6	6.0	4.5	9.1	12.1	9.1	8.2	1
4.5	4.5	3.0	- 6.4	4.5	4.5	4.5	3.0	10.6	7.6	4.5	7.8	0
6.0	3.0	3.0	1.5	1.5	3.0	3.0	3.0	4.5	6.0	7.6	4.6	0
3.0	- 1.6	4.5	3.0	- 6.4	- 6.4	- 6.4	- 8.0	- 4.8	4.5	10.6	3.6	1
6.0	- 1.6	- 3.2	3.0	4.5	6.0	4.5	9.1	4.5	1.5	3.0	3.9	1
4.5	3.0	1.5	1.5	4.5	4.5	1.5	4.5	6.0	6.0	4.5	4.5	0
12.1	6.0	3.0	1.5	3.0	7.6	4.5	6.0	6.0	4.5	6.0	5.7	1
9.1	3.0	- 1.6	- 1.6	3.0	3.0	3.0	3.0	7.6	9.1	4.5	5.0	1
9.1	3.0	- 1.6	1.5	6.0	3.0	-14.3	-19.1	-11.1	4.5	6.0	4.1	1
7.6	1.5	1.5	- 1.6	3.0	3.0	7.6	6.0	9.1	9.1	1.5	5.8	1
12.1	6.0	3.0	- 3.2	3.0	3.0	3.0	6.0	7.6	9.1	9.1	5.9	1
3.0	-14.3	- 9.5	-14.3	- 3.2	7.6	6.0	7.6	- 4.8	6.0	4.5	6.5	2
6.0	4.5	4.5	-12.7	- 8.0	- 1.6	- 4.8	16.6	- 3.2	10.6	7.6	4.5	2
10.6	3.0	3.0	3.0	6.0	6.0	- 1.6	- 1.6	6.0	6.0	4.5	9.9	1
8.8	4.0	3.2	1.7	4.1	5.8	4.5	5.4	7.2	9.9	7.5	7.4	
1.4	- 3.4	- 4.2	- 5.7	- 3.3	- 1.6	- 2.9	- 2.0	- 0.2	2.5	0.1		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 7.1	- 8.5	- 5.7	-14.2	- 7.1	- 7.1	- 5.7	- 7.1	- 5.7	- 9.9	-14.2	- 9.8	1
- 9.9	-15.6	-15.6	-15.6	-12.8	-17.0	-15.6	-14.2	- 8.5	- 9.9	-12.8	-12.9	1
-21.3	-14.2	-19.9	-19.9	-14.2	-17.0	-18.5	- 8.5	2.8	- 2.8	- 8.5	-14.2	1
-15.6	-15.6	-18.5	-19.9	-17.1	-17.0	-22.7	-25.6	-17.0	-11.4	-12.8	-14.7	2
-14.2	- 9.9	-11.4	-14.2	-14.2	- 9.9	-21.3	-15.6	-11.4	- 9.9	- 8.5	-13.6	1
-	-	-35.5	-36.9	-22.7	-	-	-	-	-17.0	-27.0	-21.7	2
-17.0	-15.6	-15.6	-19.9	-15.6	-14.2	-19.2	-17.0	-19.9	-14.2	-15.6	-17.7	2
-11.4	-12.8	-18.5	-21.3	-22.7	-24.1	-21.3	-18.5	-21.3	-17.0	-19.9	-18.1	1
-18.5	-15.6	-21.3	-15.6	-24.1	-19.9	-21.3	-14.2	-22.7	-21.3	-27.0	-21.1	1
-19.9	-18.5	-27.0	-24.1	-22.7	-18.5	-17.0	-21.3	-21.3	-18.5	-24.1	-22.0	2
-22.7	-17.0	-22.7	-22.7	-17.0	-18.5	-19.9	-15.6	-21.3	-19.9	-27.0	-20.9	2
-25.6	-24.1	-19.9	-21.3	-	-	-	-25.6	-27.0	-22.7	-32.7	-25.0	2
-21.3	-22.7	-25.6	-24.1	-28.4	-24.1	-27.0	-25.6	-27.0	-18.5	-24.1	-26.7	1
-25.6	-29.8	-28.4	-31.2	-31.2	-29.8	-29.8	-25.6	-28.5	-21.3	-28.4	-28.0	1
-29.8	-24.1	-29.8	-28.4	-29.8	-28.4	-32.7	-28.4	-25.6	-21.3	-28.4	-28.2	2
-31.2	-29.8	-34.1	-31.2	-29.8	-27.0	-31.2	-28.4	-31.2	-31.2	-32.7	-30.6	1
-29.8	-32.7	-35.5	-28.4	-29.8	-31.2	-29.8	-31.2	-31.2	-27.0	-31.2	-32.5	2
-31.2	-32.7	-36.9	-51.1	-36.9	-42.6	-44.0	-39.8	-41.2	-41.2	-45.4	-34.7	1
-45.4	-46.9	-42.6	-44.0	-44.0	-41.2	-42.6	-44.0	-42.6	-39.8	-41.2	-45.3	1
-39.8	-35.5	-39.8	-42.6	-39.8	-41.2	-42.6	-41.2	-35.5	-34.1	-39.8	-39.8	1
-32.7	-36.9	-41.2	-39.8	-39.8	-36.9	-41.2	-44.0	-39.8	-39.8	-36.9	-39.9	1
-31.2	-29.8	-32.7	-28.4	-31.2	-31.2	-31.2	-35.5	-34.1	-27.0	-34.1	-32.4	1
-25.6	-24.1	-28.4	-28.4	-22.7	-22.7	-29.8	-28.4	-29.8	-27.0	-27.0	-28.6	1
-39.8	-36.9	-38.3	-36.9	-36.9	-36.9	-41.2	-41.2	-38.2	-38.3	-46.9	-33.0	2
-38.3	-38.3	-38.3	-39.8	-41.2	-34.1	-32.7	-31.2	-31.2	-32.7	-39.8	-38.6	1
-34.1	-39.8	-36.9	-38.3	-35.5	-41.2	-41.2	-36.9	-41.2	-34.1	-42.6	-39.5	1
-35.5	-35.5	-38.3	-34.1	-36.9	-36.9	-38.5	-34.1	-36.9	-31.2	-31.2	-36.4	0
-41.2	-38.3	-42.6	-42.6	-44.0	-44.0	-42.6	-38.3	-42.6	-36.9	-44.0	-39.8	2
-39.8	-39.8	-41.2	-35.5	-35.5	-39.8	-39.8	-41.2	-36.9	-39.8	-44.0	-39.0	1
-44.0	-55.1	-54.0	-49.7	-41.2	-44.0	-46.9	-45.4	-41.2	-39.8	-46.9	-40.8	1
-27.6	-27.3	-29.9	-30.0	-28.4	-28.4	-30.3	-28.4	-27.9	-25.2	-29.8	-28.7	
1.1	1.4	- 1.2	- 1.3	0.3	0.3	- 1.6	0.3	0.8	3.5	- 1.1		

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	67.1	67.2	66.7	67.0	67.4	67.8	68.4	67.6	66.8	67.6	67.6	67.1	66.7	66.3	66.4
2	66.4	66.1	65.6	65.6	65.6	65.4	65.4	65.5	65.2	64.7	64.5	64.2	62.6	62.4	62.2
3	61.0	60.6	60.2	59.9	60.2	59.5	60.1	60.6	60.7	60.5	60.3	59.7	58.8	58.0	57.8
4	59.6	59.6	59.4	59.5	59.7	60.2	60.8	61.3	61.5	62.0	61.8	61.5	61.4	61.3	61.5
5	63.4	63.0	62.5	62.6	63.0	63.1	63.6	64.6	64.3	64.3	64.2	63.5	63.3	62.8	62.2
6	63.0	62.8	62.4	63.3	62.0	63.0	63.7	63.2	63.2	63.3	63.2	62.8	62.2	61.7	61.5
7	60.0	59.5	58.9	58.6	58.6	58.5	58.7	58.2	58.2	58.1	58.3	58.3	57.4	56.5	56.2
8	66.7	66.9	67.0	67.7	68.5	69.1	70.2	71.1	71.3	71.5	72.1	72.0	72.0	72.1	72.1
9	72.6	72.1	71.7	71.7	71.6	71.4	71.3	71.2	71.1	70.7	70.3	69.4	68.0	67.9	67.4
10	64.1	63.8	63.1	62.6	62.3	62.7	63.0	62.9	62.8	62.9	62.4	61.9	61.2	60.4	59.5
11	59.2	59.1	58.7	58.6	58.5	58.9	59.4	59.7	59.9	60.2	60.4	60.6	60.7	60.4	60.2
12	66.5	66.6	66.7	67.1	67.6	67.9	68.4	68.8	68.9	69.3	69.2	68.8	68.4	68.1	67.8
13	68.6	68.5	68.1	67.7	67.7	67.9	67.9	67.4	67.0	66.9	66.6	66.2	65.2	64.4	63.8
14	61.5	60.9	60.3	59.9	60.0	60.0	60.1	59.5	59.5	58.9	58.4	57.5	56.8	57.2	56.5
15	53.6	53.3	52.9	53.0	53.5	54.2	54.6	55.2	55.1	55.1	55.3	55.3	55.0	55.2	55.4
16	58.9	58.8	58.6	59.1	58.7	59.4	59.9	61.2	61.4	61.5	61.2	61.1	60.6	59.6	59.7
17	60.6	60.7	60.2	59.8	59.8	59.8	59.4	59.5	58.9	58.3	58.0	57.4	56.8	56.0	55.2
18	57.2	57.2	56.6	56.7	57.1	57.5	57.7	58.0	57.7	57.6	57.6	57.4	57.3	57.0	56.5
19	55.4	55.3	55.1	55.3	56.1	56.4	57.2	58.2	58.5	59.0	59.1	59.3	59.5	59.9	60.1
20	63.5	63.6	63.6	63.5	64.0	64.3	64.8	65.2	65.6	65.8	65.8	65.8	65.8	65.2	65.0
21	66.8	66.7	66.3	66.2	66.3	66.7	66.7	66.8	66.8	66.9	66.8	66.7	66.2	65.8	65.0
22	65.8	65.6	65.4	65.5	65.8	66.0	66.5	66.7	66.7	66.6	66.5	65.8	65.3	64.6	64.3
23	63.6	63.4	62.8	62.8	63.6	63.6	63.7	64.1	63.8	63.8	63.6	63.2	62.9	62.2	61.9
24	61.9	61.9	61.5	61.5	62.0	62.4	62.6	62.7	62.6	62.8	62.7	62.3	61.6	60.9	60.4
25	60.5	60.3	60.0	59.9	59.8	59.9	60.2	60.4	60.5	60.1	59.6	58.9	58.2	57.7	57.3
26	56.8	56.6	56.4	56.3	56.2	56.6	56.8	57.2	57.2	57.1	56.6	56.3	55.9	55.4	54.8
27	57.5	57.4	57.3	57.6	58.1	59.2	59.3	59.1	59.8	59.4	59.7	57.9	57.8	58.1	58.3
28	60.0	60.0	59.6	59.5	60.4	60.8	61.1	61.8	61.8	61.7	61.4	60.7	60.7	60.6	60.4
29	60.0	59.6	59.6	59.3	59.6	60.0	60.1	60.8	60.8	60.5	60.1	59.5	58.6	58.2	57.9
30	57.6	57.8	57.5	56.6	56.9	57.0	57.6	58.3	57.8	57.0	55.6	57.1	57.4	57.5	57.4
31															
Prom	62.0	61.8	61.5	61.5	61.7	62.0	62.3	62.6	62.5	62.5	62.3	61.9	61.5	61.1	60.8

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	3.7	2.4	2.0	2.0	2.0	2.3	2.7	4.9	8.4	10.1	11.6	12.2	13.1	13.1	12.7
2	4.8	4.7	4.5	4.1	3.4	3.4	3.5	6.1	9.0	9.9	10.9	12.0	12.3	13.1	13.2
3	9.4	9.6	9.7	9.8	9.9	10.4	10.5	10.7	11.6	12.6	12.6	13.3	13.9	14.0	13.8
4	10.8	10.7	10.5	10.5	10.1	10.1	10.0	10.7	12.7	13.7	15.0	16.1	16.3	17.1	17.0
5	8.2	6.9	5.9	5.2	4.7	4.2	3.6	6.9	10.6	12.4	13.6	13.8	14.7	14.5	15.3
6	7.4	7.2	7.2	6.6	6.7	5.7	6.4	9.1	11.8	14.5	16.5	17.9	18.1	18.9	18.2
7	10.8	10.8	10.5	9.7	9.7	9.7	10.6	13.2	16.1	17.8	19.4	20.9	21.6	22.2	22.4
8	7.9	7.8	7.9	7.5	6.9	6.5	5.0	6.9	8.5	10.3	10.9	11.6	11.9	12.7	12.7
9	0.8	0.1	- 0.6	- 1.0	- 1.5	- 2.2	- 0.8	5.4	8.5	10.3	11.5	12.7	13.4	13.9	13.9
10	5.1	4.2	3.5	3.4	3.4	3.5	5.5	8.5	11.2	13.6	14.7	15.8	16.8	17.9	18.2
11	9.0	8.6	8.2	7.9	7.5	7.1	9.9	12.0	14.5	16.5	17.7	18.0	18.0	18.1	18.0
12	8.0	6.5	5.4	4.6	3.8	2.9	2.8	3.9	8.8	11.6	13.7	15.2	15.4	16.1	16.4
13	7.8	7.1	6.4	5.7	5.0	4.6	5.6	8.7	10.5	11.6	13.1	13.6	14.6	14.7	14.8
14	10.5	10.0	9.7	9.6	9.6	9.4	9.4	10.2	12.3	14.6	15.4	14.9	14.2	13.6	12.9
15	12.1	12.0	11.8	11.6	11.3	11.2	10.8	12.0	12.4	13.6	14.6	14.7	15.9	15.0	15.1
16	6.6	6.5	6.3	7.3	7.7	5.8	8.3	11.0	14.3	16.5	17.5	18.6	19.6	19.6	20.6
17	12.1	12.1	11.6	11.2	10.8	10.6	11.2	13.1	14.1	14.3	15.9	15.7	16.6	17.1	17.4
18	11.5	10.7	10.2	9.9	8.9	8.2	8.0	10.8	12.7	14.6	14.2	14.2	12.1	11.5	12.6
19	8.2	8.8	8.7	9.1	9.3	9.6	10.0	10.4	9.9	10.8	11.6	11.4	11.0	10.9	11.0
20	8.9	8.8	8.9	9.0	9.0	9.1	9.1	9.6	10.5	10.9	11.4	12.9	14.5	14.6	13.5
21	9.7	9.3	9.4	9.3	8.7	8.6	8.6	9.0	13.5	14.6	14.7	15.4	15.3	15.2	14.9
22	7.1	6.3	5.9	5.4	5.0	4.6	4.1	9.6	12.7	14.3	15.5	15.3	17.0	16.5	16.6
23	6.6	6.5	6.0	5.6	5.6	5.5	7.2	10.9	13.6	15.3	16.6	17.6	18.3	19.5	19.5
24	8.7	8.6	8.5	8.4	8.3	7.6	9.6	13.3	16.3	18.3	19.9	21.0	21.0	22.3	22.0
25	13.2	11.8	11.6	11.2	10.6	10.4	12.1	15.1	17.5	19.5	21.2	22.2	23.4	23.3	24.2
26	12.7	11.5	9.7	9.3	8.5	8.3	10.7	16.5	19.4	21.8	23.9	25.3	26.0	26.1	26.3
27	17.0	16.4	15.4	16.0	16.2	16.3	16.8	17.0	18.4	18.0	18.1	18.1	17.7	17.2	16.9
28	10.3	9.9	9.9	10.0	10.0	10.1	10.5	12.6	15.7	19.5	22.5	24.6	24.7	24.1	23.8
29	14.2	14.7	14.8	13.8	14.5	14.1	13.5	19.3	19.0	21.4	23.2	26.4	27.3	25.3	24.8
30	17.5	17.2	15.5	15.2	15.2	15.2	15.2	15.1	15.2	16.1	16.3	17.5	18.5	19.9	20.2
31															
Prom	9.4	8.9	8.5	8.3	8.0	7.7	8.3	10.8	13.0	14.6	15.8	16.6	17.1	17.3	17.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
66.3	66.2	66.3	66.1	66.1	66.5	66.8	66.8	66.8	68.6	6-7	66.1	19,20	2.5	766.9 mm.	1022.5 mb.
62.0	61.6	61.9	62.2	61.4	61.9	61.9	63.2	62.1	66.8	0	61.2	17-18	5.6	63.7	1018.2
58.1	58.3	58.5	59.1	59.2	59.4	59.4	60.0	59.7	62.1	0	57.8	15	4.3	59.6	1012.8
61.7	62.3	62.5	62.6	63.2	63.4	63.6	63.8	63.4	63.8	23	59.4	3	4.4	61.6	1015.4
62.7	62.9	63.3	63.2	63.4	63.3	63.2	63.0	64.6	64.6	8	62.2	15	2.4	63.3	1017.7
61.3	60.8	60.8	60.8	60.6	60.6	60.4	60.0	59.9	63.7	7	59.9	24	3.8	61.9	1015.8
56.8	57.5	58.8	60.1	61.5	63.1	64.2	65.2	66.0	66.0	24	56.2	15	9.8	59.5	1012.6
72.2	72.5	72.8	72.7	72.6	72.8	72.7	72.8	72.9	72.9	24	66.0	0	6.9	71.0	1028.0
66.9	66.5	66.3	65.9	65.2	65.5	65.7	65.0	64.6	72.9	0	64.6	24	8.3	68.8	1025.0
59.0	58.7	58.5	58.5	58.2	58.4	58.5	58.4	59.0	64.6	0	58.2	20	6.4	61.0	1014.6
60.2	60.7	62.1	62.4	64.1	65.0	65.2	65.9	66.2	66.2	24	59.0	0	7.2	61.1	1014.8
67.8	68.4	68.3	68.3	68.6	68.6	68.7	68.6	69.0	69.0	24	66.2	0	2.8	68.2	1024.2
63.7	63.3	63.2	63.4	63.6	63.0	62.4	62.4	62.1	69.0	0	62.1	24	6.9	65.4	1020.5
55.6	55.3	55.3	55.0	54.4	54.5	54.5	54.5	54.1	62.1	0	54.1	24	8.0	57.5	1010.0
55.5	56.4	56.8	57.6	58.2	58.8	58.7	58.6	58.6	58.8	21	52.5	3-4	6.3	55.7	1007.6
59.4	59.4	59.6	59.8	60.0	60.4	60.2	60.0	60.6	61.5	10	58.6	0,3	2.9	60.0	1013.3
55.4	55.7	55.9	56.4	57.0	57.5	57.1	55.3	56.6	60.7	2	55.1	15-16	5.6	57.8	1010.4
56.5	56.6	56.4	56.5	56.5	56.4	56.3	56.2	55.7	58.0	8	55.7	24	2.3	56.9	1009.2
60.4	61.3	61.6	62.2	62.4	63.2	63.4	63.7	63.6	63.7	23	55.1	3	8.6	59.4	1012.5
65.1	65.2	65.8	66.1	66.5	66.9	67.0	67.1	67.0	67.1	23	63.5	1,4	3.6	65.3	1020.4
65.0	65.3	65.5	65.6	65.8	65.8	65.8	65.8	65.8	67.0	0	65.0	15,16	2.0	66.1	1022.6
64.0	63.9	64.0	64.0	64.1	64.0	64.0	63.8	63.7	66.7	8,9	63.7	24	3.0	65.1	1020.1
61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.1	62.1	64.1	8	61.5	16,17	2.6	62.7	1016.9
60.1	60.4	60.4	60.6	60.5	60.7	60.7	60.6	60.3	62.8	10	60.1	16	2.7	61.4	1015.2
56.7	56.7	56.7	56.6	56.8	56.9	56.9	57.1	56.9	60.5	9	56.6	19	3.9	58.5	1011.3
54.5	54.4	54.5	54.8	55.6	56.5	56.8	57.2	57.4	57.4	24	54.4	17	3.0	56.2	1008.2
57.1	58.0	58.5	58.8	60.2	60.3	59.9	60.0	60.2	60.3	21	56.5	16-17	3.8	58.7	1011.6
60.4	60.4	60.3	60.5	60.8	61.1	60.9	60.6	60.3	61.8	8,9	59.5	4	2.3	60.6	1014.1
57.2	56.7	56.0	56.0	55.9	56.0	56.4	57.8	58.2	60.8	8,9	55.8	18-19	5.0	58.5	1011.3
57.5	58.2	58.3	58.2	58.2	59.0	59.7	60.2	60.6	60.6	24	55.5	10-11	5.1	57.9	1010.5
60.7	60.8	61.0	61.2	61.4	61.7	61.8	61.9	62.0	64.1		59.4		4.7	61.7	1015.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.8	10.2	9.1	8.9	8.2	7.9	6.9	5.8	5.4	13.1	13,14	2.0	3,4,5	11.1	7.4
13.0	11.5	10.5	9.3	9.7	9.6	9.6	9.6	9.4	13.5	15-16	3.4	5,6	10.1	8.6
13.2	12.2	11.5	11.3	11.1	11.1	11.2	11.2	11.0	14.0	14	9.4	0,1	4.6	11.5
16.6	15.7	14.2	11.5	9.9	7.8	8.2	8.4	8.3	17.4	14-15	7.5	21-22	9.9	12.2
14.4	13.4	12.2	10.2	9.1	8.5	7.3	8.2	7.8	15.3	15	3.5	6-7	11.8	9.6
17.7	16.9	14.7	13.4	11.8	11.6	11.9	11.8	11.4	18.9	14	5.7	6	13.2	12.2
22.3	21.3	19.8	17.5	14.4	12.2	10.8	9.8	8.6	22.4	15	8.6	24	13.8	15.1
12.5	11.5	9.6	7.0	5.0	3.8	2.7	2.3	1.5	12.7	14-15	1.5	24	11.2	7.9
13.3	11.2	8.3	7.3	6.4	6.2	5.5	5.2	6.0	14.0	13-14	- 2.2	6	16.2	6.4
17.5	15.4	12.6	11.7	13.0	12.7	11.4	10.8	9.6	18.3	14-15	3.4	4,5	14.9	10.8
17.6	16.5	15.2	12.5	12.0	11.2	10.6	10.1	9.1	18.1	14	7.1	6	11.0	12.9
16.1	15.4	12.6	9.8	8.2	9.1	9.5	9.4	8.6	16.4	15	2.8	7	13.6	9.7
14.3	12.9	11.5	10.7	11.3	11.2	10.8	10.8	10.7	14.8	15	4.1	6-7	10.7	10.3
12.6	12.7	12.0	12.0	12.2	12.5	12.4	12.3	12.2	15.4	11	9.2	6-7	6.2	12.0
15.1	14.4	13.3	11.8	11.0	10.0	9.0	8.3	7.1	15.1	15,16	7.1	24	8.0	12.2
19.4	16.9	15.4	14.4	13.8	13.7	13.2	12.7	12.5	20.6	15	5.8	6	14.8	13.2
16.3	15.7	14.9	14.3	14.0	13.7	13.0	13.0	13.0	17.9	14-15	10.6	6	7.3	13.8
11.6	11.5	10.4	10.0	9.8	8.9	8.2	8.3	8.2	14.6	10	8.0	7	6.6	10.7
11.1	11.1	11.1	10.3	10.0	10.1	10.0	9.2	9.0	11.6	11	8.2	0,1	3.4	10.1
14.1	13.0	12.7	11.7	10.8	10.6	10.2	9.6	9.7	15.4	13-14	8.8	2	6.6	11.0
14.9	13.5	12.7	11.9	11.0	10.6	9.8	8.2	7.4	15.4	12	7.4	24	8.0	11.5
16.1	15.3	12.5	11.1	10.0	8.7	7.9	7.1	6.9	17.3	12-13	4.1	6	13.2	10.5
19.0	17.5	15.6	13.6	12.5	11.6	10.9	10.3	9.5	19.7	14-15	5.5	6	14.2	12.3
22.0	20.7	17.7	15.9	15.0	14.6	13.5	13.0	13.8	22.6	14-15	7.6	6	15.0	15.0
24.0	22.9	20.5	19.0	18.2	16.9	15.5	14.1	13.8	24.5	15-16	10.4	6	14.1	17.2
26.1	24.4	21.9	20.8	20.6	19.9	18.7	18.3	17.1	26.4	14-15	8.2	5-6	18.2	18.1
16.8	16.7	15.9	14.9	14.1	13.1	11.7	10.3	9.5	17.1	0	9.5	24	7.6	15.8
23.3	23.0	20.9	17.5	15.8	13.5	13.6	14.2	14.4	25.1	12-13	9.5	0	15.6	16.4
24.2	23.3	21.3	20.2	19.3	19.2	19.5	19.4	19.2	27.3	13	13.2	6-7	14.1	19.7
20.6	19.8	18.2	16.7	15.0	14.8	14.8	14.8	14.1	20.8	15-16	14.1	24	6.7	16.6
16.9	15.8	14.3	12.9	12.1	11.5	10.9	10.5	10.2	17.9		6.8		11.1	12.6

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	89	96	100	100	100	100	100	97	82	70	57	56	55	57	57
2	95	95	96	96	100	100	100	100	84	79	70	71	72	70	68
3	100	100	98	98	97	93	93	93	90	83	83	82	81	80	80
4	100	100	100	100	100	100	100	95	85	79	67	63	60	56	56
5	93	91	94	92	91	90	88	83	75	70	70	73	75	78	78
6	100	100	100	100	100	100	100	100	100	88	77	78	64	60	59
7	89	92	96	97	97	95	94	86	80	76	70	65	66	64	64
8	70	74	63	62	64	68	72	63	56	52	49	49	49	50	48
9	97	97	96	95	95	94	94	78	64	52	49	50	47	40	34
10	73	78	81	84	88	88	85	70	64	57	53	52	49	46	47
11	78	79	80	81	82	81	77	65	61	59	59	62	66	59	61
12	78	93	98	98	99	99	100	100	71	54	39	41	42	47	47
13	80	83	79	81	83	88	92	72	55	55	55	52	48	48	46
14	69	73	79	83	85	86	87	80	71	68	68	70	74	82	92
15	98	99	100	100	100	100	100	100	92	75	71	71	69	70	71
16	99	99	99	100	100	100	100	100	87	77	69	65	59	61	59
17	89	96	98	97	98	100	100	88	81	80	75	72	72	70	63
18	93	100	100	100	100	100	100	90	80	74	71	70	89	87	68
19	84	85	88	92	93	91	91	86	82	77	74	77	86	100	94
20	82	92	90	89	90	89	88	87	83	85	85	78	70	78	79
21	89	93	93	91	92	92	92	86	79	71	56	55	52	56	50
22	100	100	100	100	100	100	100	92	75	65	62	58	59	56	56
23	94	96	97	100	100	100	100	84	72	68	60	53	56	49	48
24	98	99	98	99	100	100	100	83	72	62	54	53	48	50	53
25	88	92	93	95	95	96	93	82	72	66	60	57	52	55	55
26	100	100	100	100	100	100	100	85	78	71	56	54	52	55	53
27	94	95	97	99	100	100	100	92	90	90	92	88	87	92	92
28	100	100	100	100	100	100	100	100	100	80	71	67	66	62	59
29	94	93	93	95	96	98	98	92	92	87	79	71	65	74	75
30	91	95	97	100	100	100	99	100	100	100	98	92	88	81	73
31															
Prom.	90	93	93	94	95	95	95	88	79	72	67	64	64	64	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	5.2	5.2	5.0	5.0	5.0	5.2	5.4	6.2	6.8	6.2	5.8	6.0	5.8	6.4	6.2
2	5.8	5.8	6.0	6.0	5.6	5.6	5.6	6.8	7.8	7.0	6.6	7.6	7.6	8.0	7.6
3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9.0	9.5	9.0	9.0
4	9.0	9.0	9.0	9.0	9.0	9.0	8.5	8.5	9.0	9.0	8.5	8.5	7.8	8.0	8.0
5	7.4	6.8	6.4	6.0	5.8	5.4	5.2	6.0	6.8	7.2	7.8	8.5	9.0	9.5	10.0
6	7.4	7.4	7.4	7.0	7.0	6.6	7.0	8.5	10.0	10.5	10.5	11.5	9.5	9.0	9.0
7	8.0	8.5	9.0	8.5	8.5	8.0	8.5	10.0	10.5	11.5	11.0	11.5	13.0	12.5	12.5
8	5.2	5.6	4.8	4.8	4.6	4.6	4.6	4.6	4.8	4.8	4.6	4.8	4.8	5.2	5.2
9	4.6	4.4	4.2	3.8	3.8	3.6	4.0	5.2	5.2	4.8	4.8	5.2	5.2	4.4	3.8
10	4.8	4.8	4.8	4.8	5.0	5.0	5.4	5.6	6.2	6.6	6.4	7.0	6.8	7.2	7.4
11	6.6	6.4	6.2	6.4	6.4	6.2	7.0	6.4	7.6	8.0	8.5	9.5	10.0	8.5	9.5
12	6.2	6.6	6.4	6.2	5.8	5.4	5.4	5.8	6.0	5.2	4.4	5.4	5.6	6.4	6.6
13	6.0	6.2	5.4	5.4	5.4	5.4	6.2	6.0	5.0	5.2	5.8	6.0	5.8	5.8	6.0
14	6.4	6.6	6.8	7.2	7.2	7.6	7.6	7.2	7.6	8.0	8.5	8.5	8.5	9.5	10.0
15	10.0	10.0	10.0	9.5	9.5	9.5	9.0	10.0	9.5	8.0	8.5	9.0	9.5	8.5	9.0
16	7.0	7.0	6.8	7.4	7.6	6.6	7.8	9.5	10.5	10.5	10.0	10.0	9.5	10.5	10.0
17	9.0	10.0	9.5	9.5	9.0	9.0	9.5	9.5	9.5	9.0	9.5	9.5	10.0	9.5	9.0
18	9.0	9.0	9.0	8.5	8.0	7.8	7.8	8.0	8.5	9.0	8.5	8.0	9.0	8.5	7.4
19	6.6	6.8	7.2	7.8	8.0	8.0	8.5	8.0	7.4	7.4	7.4	7.8	8.5	9.0	9.0
20	7.8	7.6	7.4	7.4	7.4	7.6	7.6	7.8	7.8	7.8	8.0	8.5	8.0	9.5	8.5
21	7.8	8.0	8.0	8.0	7.8	7.6	7.6	7.4	8.5	9.0	7.0	6.8	6.8	7.4	6.0
22	7.2	7.0	6.6	6.4	6.2	6.2	6.0	8.0	7.8	7.6	8.0	7.4	8.0	8.0	8.0
23	6.6	7.0	6.8	6.6	6.6	6.6	7.4	7.8	8.0	8.5	8.0	7.8	9.0	8.0	8.0
24	8.0	8.0	8.0	7.8	7.8	7.6	8.5	9.0	10.0	9.5	9.0	9.0	9.0	9.5	10.0
25	9.5	9.5	9.5	9.0	8.5	9.0	9.5	10.5	10.5	11.0	10.5	11.5	11.0	11.0	11.5
26	10.5	9.5	8.5	8.5	8.0	7.8	9.0	11.5	13.0	14.0	12.5	12.5	13.0	13.0	13.0
27	13.0	12.5	12.5	13.0	13.0	13.5	13.5	13.0	13.5	13.5	14.0	13.5	13.0	13.5	13.0
28	9.0	8.5	8.5	8.5	8.5	9.0	9.0	10.5	13.0	13.0	14.5	15.5	15.5	14.0	12.5
29	11.0	11.5	11.5	10.5	12.0	11.5	11.0	15.0	15.0	16.5	16.0	18.5	16.5	17.0	16.5
30	13.5	13.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	13.0	13.0	13.5	13.5	14.0	13.5
31															
Prom.	7.9	7.9	7.6	7.6	7.6	7.5	7.8	8.4	8.9	9.0	8.9	9.3	9.3	9.3	9.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
59	66	70	68	72	77	84	93	95	100	varios	55	13	45	79
72	79	80	83	86	89	93	94	96	100	varios	56	15	44	86
87	97	100	100	100	100	100	100	100	100	varios	80	14,15	20	93
55	64	82	92	100	100	100	99	98	100	varios	55	16	45	86
81	82	92	98	100	100	100	100	100	100	varios	70	10,11	30	87
65	71	85	88	90	92	86	86	88	100	varios	59	15	41	86
65	74	79	69	74	66	61	66	70	97	4,5	61	22	36	77
47	49	57	72	84	94	99	98	98	99	22	47	16	52	66
33	38	47	55	61	62	65	70	72	98	0	33	16	65	66
45	46	61	67	66	63	69	71	73	88	5,6	45	16	43	66
62	69	76	76	69	69	71	72	74	82	5	59	10,11,12	23	70
48	53	66	75	83	81	81	74	74	100	7,8	39	11	61	73
47	52	57	60	61	61	66	69	68	92	7	46	15	46	65
96	94	94	94	95	96	97	97	98	98	24	68	0,10,11	30	84
74	75	79	88	92	94	97	98	98	100	varios	69	13	31	88
58	70	81	84	91	91	89	90	90	100	varios	58	16	42	84
72	76	81	85	89	92	99	99	99	100	6,7	63	15	37	86
66	66	71	67	66	72	84	83	82	100	varios	66	16,17	34	82
84	79	78	90	89	81	81	89	93	100	14	74	11	26	86
78	81	82	81	82	85	85	92	89	93	0	70	13	23	84
57	66	69	79	83	88	83	86	94	94	24	50	15	44	77
56	70	77	83	86	92	95	95	95	100	varios	56	14,15,16	44	82
53	65	75	80	82	80	90	88	95	100	varios	48	15	52	78
55	59	66	70	78	85	88	92	87	100	5,6,7	48	13	52	77
58	67	80	83	84	92	96	100	100	100	23,24	52	13	48	80
57	61	65	70	75	78	84	87	93	100	varios	52	13	48	78
93	92	95	98	100	100	100	100	100	100	5,6,7	87	13	13	95
56	54	69	84	91	95	90	92	94	100	varios	54	17	46	84
73	73	81	88	92	91	88	87	89	98	6,7	65	13	33	86
70	71	77	82	89	91	94	96	97	100	varios	70	16	30	91
64	67	76	80	84	85	87	89	90	98		58		40	81

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
5.8	6.2	5.8	5.6	5.8	6.0	6.0	6.2	6.2	6.8	9	5.0	varios	1.8	5.8
7.6	7.8	7.2	7.2	7.8	7.8	8.0	8.0	8.5	8.5	24	5.6	5,6,7	2.9	7.0
9.5	10.0	9.0	9.5	9.5	9.5	9.5	9.5	9.5	10.0	17	8.5	varios	1.5	9.0
7.4	8.0	10.0	9.0	8.5	7.6	7.8	7.8	7.8	10.0	18	7.4	16	2.6	8.5
10.0	9.5	9.5	9.0	8.0	8.0	7.4	7.8	7.6	10.0	15,16	5.2	7	4.8	7.7
9.0	10.0	10.0	10.0	9.0	9.0	9.0	9.0	8.5	11.5	12	6.6	6	4.9	8.8
12.5	12.5	13.0	10.0	8.5	7.2	6.0	6.0	5.6	13.0	13,18	5.6	24	7.4	9.7
5.0	4.8	5.0	5.4	5.4	5.4	5.4	5.2	5.0	5.6	0	4.6	varios	1.0	5.0
3.6	3.6	3.8	4.0	4.4	4.4	4.2	4.4	5.0	5.2	varios	3.6	6,16,17	1.6	4.4
6.2	6.2	6.8	6.8	7.6	6.8	6.8	7.0	6.4	7.4	15	4.8	varios	2.6	6.2
9.0	9.5	10.0	8.0	7.0	6.6	6.8	6.6	6.2	10.0	13,18	6.2	3,6,24	3.8	7.6
6.4	6.8	7.2	6.4	6.6	7.0	7.2	6.4	6.0	7.2	18,22	4.4	11	2.8	6.1
5.8	5.8	5.8	5.4	6.2	6.6	6.4	6.4	6.4	6.6	21	5.0	9	1.6	5.8
10.5	10.5	10.0	9.5	9.5	10.5	10.5	10.0	10.0	10.5	varios	6.4	0,1	4.1	8.7
9.0	8.5	8.5	9.0	9.0	8.5	8.0	7.8	7.2	10.0	varios	7.2	24	2.8	9.0
9.5	9.5	10.5	10.0	10.5	10.5	9.5	9.5	9.5	10.5	varios	6.6	6	3.9	9.2
10.0	10.0	10.0	10.0	10.0	10.5	10.5	10.5	10.5	10.5	varios	9.0	varios	1.5	9.7
6.8	6.8	6.8	6.2	6.0	6.0	6.6	6.6	6.6	10.5	0	6.0	20,21	4.5	7.7
8.0	7.6	7.6	8.0	8.0	7.6	7.6	7.6	7.8	9.0	14,15	6.6	0,1	2.4	7.8
9.0	9.0	9.0	8.0	7.8	7.8	7.6	8.0	7.8	9.0	16,17,18	7.4	3,4,5	1.6	8.0
7.2	7.8	7.4	7.8	8.0	8.0	7.4	7.0	7.0	9.0	10	6.0	15	3.0	7.6
7.8	8.5	8.0	8.0	7.8	7.8	7.2	7.0	6.8	8.5	17	6.0	7	2.5	7.4
8.5	9.0	9.5	8.5	8.5	7.8	8.5	8.0	8.0	9.5	18	6.6	varios	2.9	7.9
10.0	10.0	10.0	9.0	9.5	10.0	10.0	10.0	10.0	10.0	arios	7.6	6	2.4	9.1
11.0	13.0	13.5	13.5	12.5	13.0	12.5	11.5	11.0	13.5	18,19	8.5	5	5.0	11.0
14.5	14.0	12.0	12.0	13.0	13.0	13.0	13.5	13.5	14.5	16	7.8	6	6.7	11.8
13.0	13.0	12.0	12.0	11.5	11.0	10.0	9.0	8.5	14.0	11	8.5	24	5.5	12.4
12.0	11.0	12.5	12.0	12.0	10.5	10.0	11.0	11.0	15.5	12,13	8.5	varios	7.0	11.3
16.0	15.5	15.5	15.0	15.0	15.0	14.5	14.5	14.5	18.5	12	10.5	4	8.0	14.4
12.0	12.5	11.0	11.5	11.0	11.5	11.5	11.5	11.0	14.0	14	11.0	18,20,24	3.0	12.4
9.1	9.2	9.2	8.9	8.9	8.7	8.5	8.5	8.3	10.3		6.8		3.5	8.6

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	SE	3	C	0	SE	2	SE	3	SE	5	SE	5	SE	3	SE	5	SE	14	SE	11	SE	10	E	12	E	10	E	11	E	10
2	E	3	E	5	E	5	E	6	E	3	E	7	E	6	E	3	E	18	E	21	E	19	E	18	E	19	E	16	E	10
3	SE	9	SE	2	SE	3	SE	3	E	4	SE	12	SE	4	SE	5	E	5	E	10	E	13	SE	8	SE	12	SE	13	SE	13
4	SE	10	SE	12	SE	11	SE	9	SE	12	SE	10	SE	9	SE	9	SE	11	SE	12	SE	14	SE	13	SE	10	SE	9	SE	6
5	E	5	E	3	C	1	C	1	SE	2	S	3	C	1	SE	3	SE	2	NW	6	NW	5	W	5	W	7	W	7	W	10
6	NW	4	NW	6	W	6	NW	7	W	6	W	2	W	3	C	1	W	6	NW	8	NW	9	W	7	W	8	W	10	NW	8
7	N	8	N	12	N	11	N	9	N	10	N	13	N	14	N	17	NW	19	NW	25	NW	29	NW	25	NW	23	NW	26	NW	23
8	S	10	S	9	S	12	S	13	S	9	S	9	S	6	S	8	SE	12	SE	18	SE	17	SE	16	SE	14	SE	13	SE	11
9	C	0	C	0	NW	3	C	0	C	0	C	0	C	1	W	4	NW	7	N	8	N	9	N	13	N	13	N	16	N	15
10	NE	15	N	12	N	10	NE	11	NE	13	NE	12	N	12	N	17	N	21	N	25	N	28	N	23	N	20	N	22	N	18
11	NE	8	NE	9	NE	7	NE	8	NE	7	NE	6	NE	5	NE	8	N	11	NW	9	NW	8	W	8	SW	6	S	5	S	4
12	S	5	S	4	S	6	S	5	S	7	S	4	S	4	S	3	C	0	SW	6	SW	5	SW	10	SW	12	SW	8	SW	9
13	E	7	E	6	E	6	E	5	E	4	NE	6	NE	7	NE	9	N	15	N	16	N	17	N	15	N	13	N	12	E	11
14	NE	9	NE	11	NE	10	NE	9	NE	9	NE	8	NE	5	E	10	E	15	E	13	E	13	E	12	E	9	E	6	E	6
15	C	0	SW	3	SW	2	SW	3	SW	3	SW	6	SW	5	SW	6	SW	8	SW	7	SW	6	SW	5	SW	8	SW	10	SW	11
16	W	4	W	3	W	5	W	5	SW	4	SW	4	W	3	W	3	W	6	W	8	W	8	W	6	NW	4	S	4	SE	5
17	E	6	E	8	E	9	E	11	E	11	E	10	E	8	E	12	NE	13	NE	16	NE	15	NE	16	NE	12	E	11	E	13
18	SW	12	SW	9	SW	8	SW	10	SW	12	SW	11	W	8	W	11	W	13	W	15	SW	17	SW	23	SW	20	SW	17	SW	27
19	SW	31	SW	31	SW	32	SW	30	SW	29	SW	27	SW	25	SW	20	SW	27	S	23	S	21	S	22	S	20	S	18	S	15
20	S	19	S	16	S	13	S	14	S	12	S	14	S	13	S	13	S	14	S	14	SE	13	SE	12	SE	15	SE	12	SE	10
21	SE	10	SE	9	SE	8	SE	9	SE	10	SE	8	SE	9	SE	7	SE	10	SE	8	SE	11	SE	10	SE	10	SE	10	SE	7
22	C	0	C	1	C	0	SE	2	C	1	C	1	C	0	SE	2	C	1	NW	4	NW	7	W	4	W	6	NW	6	W	5
23	NW	8	NW	5	NW	8	NW	7	NW	3	NW	6	N	6	NW	11	NW	16	NW	17	NW	17	NW	13	NW	15	NW	11	NW	12
24	NE	8	NW	6	NW	6	NW	7	NW	5	NW	4	NW	4	NW	9	NW	13	NW	14	NW	14	NW	16	NW	13	NW	12	N	10
25	N	12	NE	8	NE	9	NE	9	NE	9	NE	11	N	11	N	12	NW	19	NW	22	NW	25	NW	24	NW	23	NW	22	NW	19
26	C	1	C	0	C	0	C	1	C	0	C	0	C	1	E	3	NE	5	NW	10	NW	10	NW	9	W	10	NW	12	NW	11
27	C	0	C	0	C	1	S	2	SE	3	C	1	SE	6	SE	6	E	9	N	5	NW	9	N	11	SE	4	SW	4	SW	4
28	NW	2	C	0	SW	4	C	1	C	1	SE	4	SE	4	SE	3	SE	4	E	4	E	16	SE	5	NE	10	NE	7	E	8
29	E	6	E	8	E	3	E	7	E	5	E	2	E	2	NE	6	N	13	NW	13	NW	14	NW	9	N	7	N	7	E	7
30	SW	7	S	6	SW	10	E	2	N	7	N	12	NW	10	NW	6	W	8	W	4	SW	6	SW	6	SW	8	SW	11	S	11
31																														
DIR. PREV.	C-E		C		SW		E-SE		E-SE		NE-SE		SE		SE		SE		NW		NW		SE-NW		SE		NW		E	
Nº de HORAS	5		6		5		5		5		5		6		8		6		10		11		6		6		6		7	
PROM. HOR. DE LA VELOC.		7		7		7		7		7		7		6		8		11		12		13		12		12		12		11

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
E	14	E	12	E	7	E	10	E	9	E	6	E	4	E	4	E	4	E	13	7	26	SE	11.11
SE	7	SE	7	SE	8	SE	8	SE	13	SE	9	SE	9	S	3	SE	6	E	15	10	33	E	9.07
SE	12	E	10	E	10	E	11	E	12	E	11	E	13	E	8	SE	8	SE	13	9	26	SE	14.12
SE	6	SE	4	SE	2	C	0	C	0	C	1	C	1	E	5	E	4	SE	18	8	26	SE	10.28
W	8	W	4	C	1	C	1	C	0	NE	2	C	0	NW	5	C	0	C	8	3	16	W	15.13
NW	7	NW	6	N	7	NE	4	NE	6	N	9	N	14	N	14	N	12	W-NW	8	7	17	N	23.11
W	17	W	12	SW	5	S	12	S	17	S	17	S	18	S	15	S	12	N	8	16	43	NW	10.50
SE	9	SE	8	SE	3	C	0	C	0	C	0	C	1	C	1	C	1	SE	10	8	36	SE	10.06
N	13	N	15	N	11	NE	9	NE	9	NE	9	NE	5	NE	8	NE	12	N	9	8	24	N	13.16
N	19	N	18	NE	10	NE	10	NE	14	NE	16	NE	13	NE	13	NE	8	N	13	16	40	N	10.11
S	3	S	5	S	5	S	13	S	14	S	15	S	12	SE	9	SE	7	S	9	8	30	S	18.49
SW	7	SW	4	S	2	C	0	C	1	E	6	E	10	E	14	E	9	S	9	6	24	SW	12.44
N	11	E	11	NE	5	NE	8	NE	10	NE	12	NE	9	NE	9	NE	9	NE	10	10	29	NE	10.40
E	6	E	6	E	6	E	9	E	10	E	9	E	8	E	3	E	2	E	17	8	22	E	9.42
SW	9	SW	10	SW	5	SW	2	C	1	W	3	W	2	W	3	W	4	SW	18	5	22	SW	14.49
E	6	E	10	NE	5	NE	6	E	7	E	9	E	11	E	8	E	8	W	10	6	18	NW	10.17
E	11	E	4	S	5	S	3	S	5	SE	8	SE	3	E	12	E	6	E	14	9	28	NE	9.13
SW	26	SW	28	SW	25	SW	30	SW	29	SW	35	SW	33	SW	30	SW	32	SW	20	20	68	SW	19.09
S	15	S	15	S	15	S	14	S	14	S	17	S	14	S	14	S	17	S	15	21	54	SW	10.22
SE	10	SE	11	SE	8	SE	10	SE	8	SE	7	SE	7	SE	9	SE	8	SE	14	12	44	S	1.06
SE	7	SE	8	SE	5	C	1	C	1	E	3	E	4	E	4	E	4	SE	18	7	22	SE	4.45
NW	8	NW	7	NE	4	NE	5	NE	3	NE	8	NE	7	N	7	N	9	C	7	4	15	NW	14.54
NW	10	W	8	N	8	N	7	NE	8	NE	5	NE	6	NE	9	NE	11	NW	15	10	26	NW	11.46
NE	9	NE	8	NE	11	NE	8	NE	7	NE	2	E	4	NE	2	NE	12	NW	13	8	26	NW	11.37
NW	19	W	11	W	4	NW	8	W	5	NW	5	W	4	W	2	C	1	NW	10	12	40	NW	13.40
N	8	NE	8	NE	7	NE	11	NE	6	SW	4	SW	6	S	3	C	1	NE-NW	5	5	18	NW	11.01
E	5	SW	6	SE	2	SE	4	NW	8	NW	3	C	1	C	0	C	1	C	7	4	26	NE	11.22
E	6	E	4	C	1	E	4	E	2	E	4	E	3	E	6	E	5	E	11	4	15	NE	12.44
E	11	E	10	E	10	E	7	E	4	NE	7	NE	13	NW	12	SW	9	E	13	8	20	NW	11.00
SE	9	SE	9	SE	4	SE	2	SE	2	SE	2	SE	2	SE	3	S	6	SE	8	6	50	SW	2.20
E-SE		E		SE		NE		NE		NE		E		E		E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																					84 Km.		
7		8		7		8		8		8		8		9		8		DIR.	HORAS		DIREC.	DIA	HORA
																		E	125	9			
	10		9		7		7		7		8		8		8		8				SW	18	de 14.50 a 14.55

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1					13	113	10	61									1	174
2					15	159	8	67	1	3								229
3					11	107	13	104										211
4					2	9	18	169									4	180
5			1	2	2	8	3	7	1	3			6	41	3	16	8	82
6	5	56	2	10									8	48	8	55	1	170
7	8	94							6	91	1	5	2	29	7	170		389
8							10	121	8	76							6	200
9	9	113	6	52									1	4	2	10	6	180
10	13	245	11	135														380
11	1	11	8	58			2	16	9	76	1	6	1	8	2	17		192
12					4	39			9	40	8	61					3	141
13	7	99	10	84	7	50												233
14			7	61	17	143												204
15											18	109	4	12			2	122
16			2	11	7	59	1	5	1	4	2	8	10	51	1	4		142
17			5	72	14	132	2	6	3	13								223
18											20	434	4	47				481
19									15	254	9	252						506
20							14	140	10	142								282
21					4	15	18	156									2	173
22	2	16	5	27			2	4					3	15	5	32	7	98
23	3	21	5	39									1	8	15	159		227
24	1	10	9	67	1	4									13	123		204
25	3	35	5	46									5	26	10	186	1	294
26	1	8	5	37	1	3			1	3	2	10	1	10	5	52	8	127
27	2	16			2	14	6	25	1	2	3	14			3	20	7	95
28			2	17	11	52	5	20			1	4			1	2	4	98
29	3	27	3	26	13	82					1	9			4	48		192
30	2	19			1	2	8	33	3	23	6	48	2	12	2	16		153
31																		
SUMAS	60	770	86	744	125	991	120	934	68	730	72	960	48	311	81	910	60	6382
% PREVAL POR VELOCIDAD	12.1		11.7		15.5		14.6		11.4		15.0		4.9		14.3		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		9		8		8		11		13		6		11		0	213

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	4	5	4	3	3	1	3	5
1 - 2	2	3	5	3	4	3	1	3	6
2 - 3	2	3	4	4	3	5	2	3	4
3 - 4	1	4	5	5	4	3	1	3	4
4 - 5	2	4	5	5	3	4	1	2	4
5 - 6	2	5	3	5	4	4	1	2	4
6 - 7	4	3	3	6	3	2	3	2	4
7 - 8	3	3	4	8	3	2	3	3	1
8 - 9	4	2	4	6	1	2	4	5	2
9 - 10	4	1	4	4	2	2	3	10	
10 - 11	3	1	4	5	1	4	1	11	
11 - 12	4	1	3	6	1	4	5	6	
12 - 13	4	2	3	6	1	5	4	5	
13 - 14	4	1	4	5	3	5	2	6	
14 - 15	3		7	6	3	4	2	5	
15 - 16	4	1	7	7	2	3	2	4	
16 - 17	2	2	8	6	2	4	4	2	
17 - 18	3	6	4	7	4	3	1		2
18 - 19	1	8	5	4	4	2		1	5
19 - 20		8	6	3	4	1	1	1	6
20 - 21	1	8	7	4	3	2	1	2	2
21 - 22	1	6	8	4	3	2	2		4
22 - 23	2	5	9	3	4	1	2	2	2
23 - 24	2	5	8	4	3	2	1		5
SUMAS	60	86	125	120	68	72	48	81	60
% de frec. por dirección	8.3	12.0	17.4	16.7	9.4	10.0	6.7	11.2	8.3

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	2	Ci	8	Ci	2	Ac	4	Ac	6	95	97	95
2	Cu 5 Ci 1	6	Ci	5	Ac 3 Ci 4	7	St	8	St 1 As 7	8	3	8	8
3	Sc	8	Sc	8	Sc	8	St	8	St	8	7	8	7
4	Sc 1 Ac 6	7	Cu 3 Sc 3	6	Sc 6 Ac 1	7	Claro	0	Claro	0	9	9	1
5	Claro	0	Cu	5	Cu	5	Sc	2	Claro	0	5	7	1
6	Claro	0	Cu	5	Cu 2 Ac 3 Ci 3	8	Claro	0	Claro	0	0	8	9
7	Ci	5	Cs	8	Cs	8	Sc	2	Claro	0	9	9	9
8	Ci Cs	5	Cu	2	Cu	2	Claro	0	Claro	0	9	9	9
9	Claro	0	Ci	5	Ci	1	Ci	2	Claro	0	6	8	8
10	Ci	2	Claro	0	Ci	1	Claro	0	Claro	0	9	9	9
11	Cs	8	Cs	8	Ac As	8	Sc	8	Sc	8	8	8	8
12	Sc	3	Claro	0	Ci	1	Cc	2	Claro	0	8	9	8
13	Ci	1	Cs	8	Cs	8	Cs	8	Cs	8	9	8	8
14	Ac	6	Ac	8	St	8	St	8	St	8	8	7	5
15	St	8	Sc	8	Sc	8	Sc 1 Cc 2	3	Claro	0	6	8	9
16	Claro	0	Cu	4	Ci	1	Cs	8	Cs	8	7	8	8
17	Ci	7	Ac	7	Ac 6 Ci 2	8	Sc	7	Sc	8	9	8	8
18	Claro	0	Cu	5	Cb	7	Sc	4	Sc	7	9	8	9
19	St	8	St	8	Cb	8	St	8	St	8	8	4	7
20	St	8	St	8	Cb	7	Sc	6	Claro	0	7	8	9
21	Sc	7	Sc	4	Sc	4	Sc	5	Sc	3	8	9	9
22	Claro	0	Cu	4	Cu	3	Sc	1	Claro	0	8	8	8
23	Ci	2	Ci	5	Ci	6	Ci	4	Ci	3	8	8	7
24	Ci	1	Ci	2	Ci	1	Ci	2	Ci	3	9	8	8
25	Claro	0	Claro	0	Ci	5	Cs	8	Cs	8	9	8	8
26	Ci	2	Cs	8	Cs	8	Cb	8	Ac	7	6	7	8
27	St 4 As 4	8	St	8	St	8	Ci	3	Claro	0	4	3	0
28	Niebla	8	Claro	0	Cs	8	Claro	0	Claro	0	1	5	4
29	Cs	8	Cs	8	Cs	8	As	8	As	8	6	6	5
30	St	8	Sc	8	Cu 4 Ci 3	7	Sc 1 Cs 7	8	Claro	0	7	8	8
31													
Prom.		4		5		6		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	29.0	13.0	1.30	1	5	3	Ne.
	10	30.1	15.0	1.23	0	5	3	Ne.
	12	33.2	17.3	1.29	8	4	3	Ne.
	14	32.9	17.5	1.25	2	5	5	B.
	15	29.8	16.5	1.08	0	5	5	
2	9	27.5	13.5	1.14	5	5	5	
	10	29.1	14.5	1.19	4	5	5	
	12	26.4	17.9	0.69	5	4	5	
	14	34.5	18.0	1.34	7	5	5	
	15	24.8	15.5	0.76	7	5	5	
3	9	18.5	13.5	0.41	8	0	4	B.
	10	14.0	12.6	0.11	8	0	4	B.
	12	20.6	15.0	0.46	8	0	4	Ne
	14	20.5	15.4	0.41	8	0	5	
	15				8	0	5	Z.
4	9	24.4	15.6	0.72	7	1	5	
	10	31.2	18.0	1.07	7	1	5	
	12	35.0	20.6	1.17	6	3	5	
	14	34.5	21.0	1.10	7	4	5	
	15	22.6	17.6	0.41	7	0	5	
5	9	31.0	15.2	1.28	0	5	3	Ne.
	10	34.2	17.5	1.36	6	3	3	Ne.
	12	28.4	17.4	0.88	5	3	3	Ne.
	14	35.5	19.5	1.30	5	5	5	B.
	15	36.5	20.0	1.34	5	5	3	B.
6	9	33.2	17.6	1.27	0	5	4	Ne.
	10	37.0	20.3	1.35	0	5	4	Ne.
	12	28.7	22.9	0.47	5	3	5	
	14	39.8	23.4	1.33	7	2	5	
	15	24.9	19.1	0.47	8	3	5	
7	9	36.0	21.2	1.20	8	5	5	
	10	30.3	20.7	0.78	8	4	5	
	12	42.5	26.0	1.34	8	5	5	
	14	41.5	26.5	1.22	8	5	5	
	15	39.7	26.0	1.11	8	5	5	
8	9	27.5	12.8	1.20	5	5	5	
	10	35.5	16.5	1.54	3	5	5	
	12	36.0	17.5	1.50	2	5	5	
	14	33.5	17.4	1.31	2	5	5	
	15	33.6	17.5	1.31	1	5	5	
9	9	31.0	14.0	1.38	0	5	4	B.
	10	33.5	15.5	1.46	1	5	5	
	12	36.2	18.5	1.44	5	5	5	
	14	36.0	18.5	1.42	1	5	5	
	15	34.0	18.0	1.30	1	5	5	
10	9	32.2	15.6	1.39	1	5	5	
	10	35.4	18.5	1.37	0	5	5	
	12	38.5	21.3	1.40	0	5	5	
	14	39.0	22.5	1.34	1	5	5	
	15	37.8	22.3	1.26	2	5	5	
11	9	36.0	19.6	1.33	8	5	5	
	10	36.6	21.4	1.24	8	5	5	
	12	28.7	20.5	0.67	8	1	5	
	14	27.0	20.0	0.57	8	1	5	
	15	26.7	19.6	0.58	8	1	5	
12	9	32.5	14.5	1.46	0	5	5	
	10	35.5	17.2	1.49	0	5	5	
	12	39.3	20.7	1.51	0	5	5	
	14	39.5	21.2	1.49	1	5	5	
	15	37.0	20.9	1.31	1	5	5	
13	9	31.9	15.0	1.37	1	5	5	
	10	34.6	16.8	1.45	2	5	5	
	12	31.9	17.8	1.15	8	3	5	
	14	33.8	18.9	1.21	8	5	5	
	15	33.5	19.0	1.18	8	3	5	
14	9	23.3	14.6	0.71	5	3	5	
	10	37.5	29.6	0.64	3	5	5	
	12	24.5	17.0	0.61	8	0	5	
	14	14.0	13.0	0.08	8	0	3	
	15				8	0	5	Z.
15	9	23.1	15.5	0.62	7	3	5	
	10	38.0	20.0	1.46	5	5	5	
	12	17.6	15.0	0.21	8	0	5	
	14	21.7	16.5	0.42	8	0	5	
	15	19.5	15.8	0.30	8	0	5	
16	9	36.5	19.5	1.38	0	5	5	
	10	39.0	22.0	1.38	6	3	5	
	12	44.7	24.4	1.65	4	3	5	
	14	40.6	24.0	1.35	1	5	5	
	15	43.0	25.1	1.46	3	5	5	
17	9	29.0	17.7	0.92	7	1	5	
	10	29.6	18.0	0.94	8	1	5	
	12	31.1	19.4	0.95	7	2	5	
	14	33.0	20.6	1.01	8	4	5	
	15	31.0	20.0	0.88	8	2	5	
18	9	34.7	17.5	1.40	0	5	5	
	10	37.7	19.5	1.48	0	5	5	
	12	31.0	18.6	1.01	5	3	5	
	14				7	0	5	CH.
	15	22.0	15.0	0.57	6	2	5	
19	9	17.5	12.6	0.40	8	0	5	
	10	21.0	14.0	0.57	8	0	5	
	12				8	0	5	Z.
	14				8	0	2	Z.
	15				8	0	4	Am.
20	9				8	0	4	Z.
	10				8	0	4	Z.
	12				8	0	4	Z.
	14				7	3	5	CH.
	15				7	3	5	CH.
21	9	28.2	15.3	1.05	7	1	4	B.
	10	35.7	18.3	1.41	5	3	5	
	12	43.8	22.0	1.77	4	5	5	
	14	29.0	17.8	0.91	4	3	5	
	15	39.0	21.2	1.45	3	5	5	
22	9	35.5	17.8	1.44	1	5	5	
	10	37.6	19.0	1.51	4	5	5	
	12	26.4	17.1	0.76	4	3	5	
	14	41.0	22.3	1.52	3	5	5	
	15	39.0	21.5	1.42	3	5	5	
23	9	33.0	18.0	1.22	3	3	5	
	10	38.0	20.5	1.42	6	5	5	
	12	36.6	22.4	1.15	5	3	5	
	14	40.6	24.0	1.35	6	5	5	
	15	29.4	20.6	0.72	4	3	5	
24	9	39.0	21.6	1.41	1	5	5	
	10	41.6	24.6	1.38	1	5	5	
	12	44.1	26.4	1.44	2	5	5	
	14	44.4	27.0	1.41	1	5	5	
	15	37.0	24.6	1.01	2	5	5	
25	9	39.2	22.8	1.33	0	5	5	
	10	41.4	24.6	1.36	0	5	5	
	12	44.0	27.5	1.34	0	5	5	
	14	33.2	25.2	0.65	5	2	5	
	15	39.2	27.5	0.95	7	4	5	
26	9	40.5	24.5	1.30	3	5	4	B.
	10	43.5	27.2	1.33	2	5	4	B.
	12	45.2	30.0	1.24	8	4	4	B.
	14	44.8	30.0	1.20	8	4	4	B.
	15	41.6	29.0	1.02	8	4	5	
27	9				8	0	3	Ne., Am.
	10				8	0	3	Ne., Am.
	12				8	0	3	Ne., Am.
	14				8	0	2	N., Z.
	15				8	0	2	N., LL.
28	9	36.6	20.9	1.28	0	4	2	N.
	10	39.6	24.3	1.24	0	4	3	N.
	12	44.4	28.9	1.26	0	4	3	N.
	14	33.6	22.7	0.89	6	4	4	Ne.
	15	40.7	27.0	1.11	7	5	4	Ne.
29	9	35.7	23.0	1.03	3	4	3	Ne.
	10	42.5	26.5	1.30	3	4	0	Ne.
	12	46.4	29.9	1.34	8	4	4	Ne.
	14	42.1	28.5	1.10	8	4	4	Ne.
	15	42.5	28.2	1.16	8	4	4	Ne.
30	9				8	0	3	LL.
	10	23.5	18.4	0.41	8	1	5	
	12	22.6	18.7	0.32	8	0	5	
	14	34.0	23.0	0.88	7	0	5	
	15	39.2	24.8	1.17	6	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			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.4			8.7	11.3	76
2			0.1	0.7	0.7	1.0	1.0	0.8	1.0	0.8	0.1				6.2	11.3	55
3															0.0	11.4	00
4				0.4	0.1	0.8	1.0	0.7	0.6	0.4		0.1			4.1	11.4	36
5			0.5	1.0	1.0	1.0	0.9	1.0	0.6	1.0	0.8	0.4			8.2	11.4	72
6			0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.5					6.8	11.5	59
7		0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			9.1	11.5	79
8			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.7	11.5	84
9		0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.3	11.6	89
10			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.1	11.6	87
11			0.6	0.8	1.0	0.8	0.3								3.5	11.6	30
12				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		9.3	11.7	80
13		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				8.8	11.7	75
14					0.7	1.0	0.4								2.1	11.7	18
15						0.6		0.2			0.2				1.0	11.8	08
16		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.9	11.8	84
17			0.2	0.9	0.2	0.1	0.3	0.4	0.1	0.9	0.3				3.4	11.9	29
18		0.2	0.1	1.0	1.0	1.0	1.0	0.7		0.8	0.1	0.1	0.1		6.1	11.9	51
19						0.2	0.1								0.3	11.9	02
20								0.5	0.7	0.2	0.3				1.7	12.0	14
21				0.1	0.5	1.0	1.0	1.0	1.0	1.0	0.6	0.8			7.0	12.0	58
22			0.9	1.0	1.0	1.0	0.9	0.7	1.0	0.8	1.0	1.0	0.2		9.5	12.0	79
23			1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0.3			8.6	12.1	71
24		0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.6	12.1	88
25		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7				8.7	12.1	72
26			0.8	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	0.4			8.8	12.2	72
27															0.0	12.2	00
28				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			7.3	12.3	59
29				0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.0	12.3	65
30										0.5	0.7	0.4			1.6	12.3	13
31																	
Medias		0.1	0.4	0.6	0.7	0.8	0.7	0.7	0.6	0.7	0.6	0.4	0.0		6.3	11.8	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	9.6	13.2	12.4	10.3	12.2	12.2	9.8	10.0	10.8	11.0	10.6	11.2	14.4	14.2	14.2
2	10.0	12.8	12.8	10.3	11.9	12.2	9.6	9.8	10.7	10.6	10.4	11.0	14.2	14.0	14.0
3	12.0	13.2	13.2	11.6	12.4	12.5	10.2	10.6	10.8	10.6	11.0	11.0	14.0	14.2	14.1
4	12.2	15.2	14.5	11.9	13.8	14.0	10.2	10.8	11.6	11.0	11.0	11.6	14.0	14.1	14.2
5	10.6	14.8	14.0	11.6	13.4	13.6	11.0	11.0	11.8	11.7	11.2	11.8	14.6	14.4	14.5
6	11.8	16.2	15.2	14.2	14.2	14.5	11.0	11.4	12.3	11.6	11.6	12.0	14.7	14.6	14.6
7	13.0	17.1	16.5	12.8	15.0	15.5	11.6	12.0	12.9	12.2	12.0	12.4	15.0	15.0	15.1
8	12.2	14.2	13.3	12.7	13.9	13.6	11.6	11.6	12.2	12.2	12.0	12.6	15.2	15.2	15.7
9	9.7	14.2	12.4	10.7	12.7	12.5	10.7	10.4	11.3	11.7	11.2	11.6	15.1	14.8	14.7
10	10.0	14.4	13.3	10.0	12.5	12.8	9.8	10.0	11.0	11.0	10.6	11.2	14.4	14.4	14.4
11	11.6	15.0	14.4	11.5	13.4	13.7	10.6	10.8	11.7	11.4	11.0	11.7	14.6	14.4	14.5
12	11.4	15.0	13.8	11.7	13.7	13.7	10.8	11.0	11.8	11.4	11.4	11.8	14.6	14.6	14.5
13	11.5	14.4	13.4	11.6	13.2	13.2	11.2	11.2	11.8	11.9	11.8	11.9	15.0	14.9	14.8
14	12.2	14.6	14.0	12.0	13.4	13.2	11.0	11.3	11.6	11.8	11.6	11.8	15.0	14.8	14.8
15	13.6	15.0	14.2	13.0	14.0	13.8	11.4	11.8	12.0	11.8	12.0	12.1	14.8	15.0	14.8
16	11.4	16.6	15.5	11.7	14.5	14.8	10.8	11.4	12.6	11.4	11.4	12.3	14.9	14.8	15.0
17	13.4	15.8	15.6	13.3	14.4	14.7	11.8	12.0	12.6	12.2	12.0	12.6	15.2	15.2	15.4
18	13.8	16.0	14.0	13.6	15.0	14.1	12.3	12.6	12.7	12.8	12.6	12.8	15.6	15.6	15.6
19	12.6	13.0	13.2	12.5	12.8	12.8	11.6	11.2	11.6	12.4	11.8	12.0	15.5	15.2	15.3
20	12.4	12.6	12.6	12.2	12.2	13.1	11.0	11.8	12.4	12.0	12.2	14.6	15.1	15.0	15.0
21	12.6	12.6	14.6	12.3	14.1	14.1	11.8	11.6	12.2	11.8	11.8	12.2	15.0	15.0	15.0
22	11.2	15.8	14.6	11.7	14.2	14.2	11.0	11.4	12.4	11.8	11.6	12.4	15.1	15.1	15.1
23	12.0	16.4	15.4	12.1	14.5	14.7	11.2	11.4	12.6	12.0	11.8	12.5	15.2	15.2	15.3
24	12.4	17.6	16.4	12.7	17.6	15.6	11.4	12.0	13.2	12.2	12.0	12.8	15.2	15.4	15.4
25	14.0	18.4	17.6	13.9	16.3	16.6	12.2	12.8	14.0	12.8	12.8	13.6	15.8	15.6	16.0
26	14.4	19.8	18.6	14.6	17.4	17.6	13.2	13.6	14.4	13.4	13.4	14.8	16.3	16.4	16.4
27	16.8	16.8	16.6	16.1	16.2	16.0	14.6	14.4	14.2	14.7	14.6	14.4	17.0	17.0	17.0
28	15.2	19.6	18.2	14.8	17.4	17.4	13.6	14.2	15.0	14.0	14.0	14.6	15.9	17.0	17.0
29	16.4	21.0	19.6	15.8	18.4	18.4	14.4	15.0	15.8	14.8	14.8	15.3	17.3	17.4	17.4
30	17.8	18.2	18.4	17.1	17.3	17.6	15.4	15.0	15.6	15.6	15.0	15.6	17.8	17.8	17.8
31															
Prom.	12.6	15.6	14.9	12.7	14.4	14.4	11.6	11.8	12.5	12.2	12.0	12.6	15.2	15.2	15.2

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					2	0.4	0.6	0.8	1.6							11665
2	0.0	0.3	0.0	0.0	2	0.2	0.7	0.7	1.6							11655
3	12.0	12.7	10.4	11.5	1	0.2	0.3	0.2	0.6							11644
4	0.0	0.0	0.0	0.0	2	0.1	0.6	0.5	1.2	R. 19	23.3	22.5	23.6			11639
5					2	0.1	0.5	0.3	0.8							11629
6					2	0.0	0.7	0.7	1.9							11622
7					1	0.5	1.4	1.3	3.5							11620
8					1	0.8	1.6	0.8	2.6							11622
9					1	0.2	1.2	1.6	3.4	R. 20	23.4	20.2	21.3	24.8	22.0	11620
10					1	0.6	1.8	1.5	5.4							11602
11					0	2.1	1.0	1.0	2.0							11599
12					0	0.0	1.8	1.0	3.5							11606
13					0	0.7	1.5	1.3	3.8							11503
14	2.4	2.7	1.4	2.4	0	1.0	0.7	0.1	0.9							11594
15	0.0	0.0	0.0	0.0	1	0.1	0.6	0.2	1.0							11592
16					0	0.2	0.8	0.8	2.1	R. 21	18.6	18.7	19.5			11595
17	3.4	4.3	3.6	3.8	0	0.5	0.9	0.6	2.1							11597
18	3.3	4.2	3.0	3.7	1	0.6	0.8	1.2	3.2							11592
19	1.1	2.5	1.0	1.1	2	1.2	0.8	0.5	1.8							11591
20	1.4	2.3	1.5	1.8	2	0.5	0.4	0.3	1.1							11596
21					2	0.4	1.0	0.8	2.1	R. 22	22.2	20.6	19.7			11596
22					0	0.3	0.8	1.0	2.2							11596
23					0	0.4	1.4	1.1	3.0							11598
24					0	0.5	1.6	1.4	5.0	R. 23	19.7	18.2	15.3			11589
25					0	2.0	2.2	1.2	3.7							11589
26	0.0	0.0	0.0	0.0	0	0.3	1.5	1.3	3.2							11584
27	0.1	0.4	0.0	0.1	1	0.4	0.2	0.2	0.6							11585
28					1	0.2	0.9	1.0	2.4							11587
29	13.2	14.0	13.2	11.9	0	0.5	0.9	0.8	2.3	R. 24	17.7	17.8	22.1	22.6		11586
30	2.1	2.4	2.2	2.2	1	0.6	0.2	0.6	1.3							11585
31																
Prom.	39.0	45.8	36.3	38.5	-	0.5	1.0	0.8	2.3	-	-	-	-	-	-	11603

0.50 m. 8^h	0.50 m. 14^h	0.50 m. 20^h	1 m. 8^h	1 m. 14^h	1 m. 20^h	2 m. 8^h	3 m. 8^h	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
13.1	13.2	13.1	13.7	13.7	13.6	14.8	16.0	- 2.4	Ca. m., Cn. t. y n., Ne. m., B. t., N. n.
12.8	12.7	12.7	13.7	13.7	13.6	14.8	16.0	- 0.9	Cn. m. t. y n., N. m.
12.5	12.6	12.6	13.7	13.6	13.6	14.8	16.0	7.6	Cn. m. t. y n., Ne. t., Z. n.
12.5	12.5	12.9	13.7	13.7	13.6	14.8	16.0	8.6	Cn. m. y t., Ca. n., N. n., Jl. n.
13.2	13.0	13.1	13.5	13.7	13.6	14.7	15.9	0.9	Ca. m. y n., Cn. t., Ne. m., B. t., N. n.
13.4	13.5	13.6	13.6	13.6	13.7	14.7	16.0	3.0	Ca. m. y n., Cn. t., N. m., r. n.
13.5	13.6	13.3	13.7	13.7	13.7	14.7	16.0	6.0	Cn. m. y t., Ca. n.
13.6	13.6	13.6	13.7	13.8	13.8	14.8	16.0	2.0	Cn. m., Ca. t. y n., r. n.
13.4	13.5	13.3	13.7	13.7	13.7	14.8	15.9	- 4.4	Ca. m. y n., Cn. t., Ne. m.
13.6	13.5	13.4	13.9	13.8	13.8	15.0	16.0	- 1.7	Ca. m. t. y n., r. m.
13.3	13.3	13.2	13.8	13.9	13.9	14.7	15.9	2.3	Cn. m. t. y n., r. m.
13.5	13.5	13.5	13.8	13.9	13.9	14.8	15.9	- 1.2	Ca. m. t. y n., N. m., r. n.
13.2	13.2	13.2	13.7	13.8	13.7	14.9	15.9	-	Ca. m., Cn. t. y n., r. m.
13.4	13.5	13.5	13.9	13.9	13.9	15.0	15.9	5.9	Cn. m. t. y n., Z. t. y n.
13.6	13.8	13.5	13.9	13.9	13.9	15.0	15.9	11.8	Cn. m. y t., Ca. n., Z. m., r. m., N. n.
13.5	13.6	13.6	13.9	13.9	13.9	14.9	15.9	1.6	Ca. m., Cn. t. y n., Ne.Ne. m.
13.7	13.8	13.8	14.0	14.1	14.1	15.0	16.0	7.5	Cn. m. t. y n., r. m., Ru. n.
14.4	14.4	14.3	14.1	14.1	14.1	15.0	16.0	6.1	Cn. t. y n., Ca. m., LL.CH.G. t., Tv. n.
14.4	13.9	13.9	14.1	14.1	14.1	15.0	15.9	6.9	Cn. m. t. y n., Z. m. t. y n.
13.8	13.8	13.7	14.1	14.1	14.1	15.0	15.9	8.3	Cn. m. y t., Ca. n., Z. m., CH. t.
13.7	13.8	13.8	14.2	14.2	14.2	15.0	15.9	7.5	Cn. m. y t., Ca. t., r. n.
13.2	13.6	13.6	14.2	14.2	14.2	15.0	16.0	- 0.9	Ca. m. y n., Cn. t., r. m. y n.
13.8	13.9	14.1	14.2	14.2	14.6	15.0	16.0	0.2	Ca. m. y n., Cn. t., r. m. y n.
13.9	14.0	14.0	14.2	14.3	14.3	15.1	16.0	1.1	Ca. m. t. y n., r. m.
14.4	14.4	14.7	14.3	14.4	14.4	15.1	16.0	14.6	Ca. m., Cn. t. y n., r. m., Dl. n.
14.9	15.0	15.0	14.5	14.5	14.5	15.1	16.0	5.9	Ca. m., Cn. t. y n., N. m., B. t., Ru.CH. n.
15.1	15.2	15.1	14.7	14.7	14.7	15.0	15.9	9.1	Cn. m. y t., Ca. n., Ne. m., N. t. y n, LL. t.
15.1	15.0	15.0	14.7	14.8	14.8	15.0	15.9	7.1	Cn. m. y t., Ca. n., N. m. t. y n.
15.4	15.5	15.6	14.9	15.0	15.0	15.0	15.9	9.0	Cn. m. t. y n., Ne. m. y t., N.Jl. n.
16.0	16.0	16.1	15.1	15.2	15.2	15.1	15.9	14.3	Cn. m. y t., Ca. n., LL. m., r. n.
13.8	13.8	13.8	14.0	14.1	14.1	14.9	16.0	4.3	

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	63.7	72.9	8,9	24,0	56.2	7	15	10.2	16.0	4.3	22.4	7	15	- 2.2	9	6	7.3	11.4	64
2ª	60.7	69.0	12,13	24,0	52.5	15	3-4	11.6	16.0	7.2	20.6	16	15	2.8	12	7	4.6	11.8	39
3ª	60.6	67.0	21	0	54.4	26	17	15.3	21.6	9.0	27.3	29	13	4.1	22	6	7.0	12.2	58
MES	61.7	72.9	8,9	24,0	52.5	15	3-4	12.6	17.9	6.8	27.3	29	13	- 2.2	9	6	6.3	11.8	54

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	79	100	varios	33	9	7.2	13.0	3.6	SE	8	72	2	29	7	10-11	43	NW	7	10.50	13.0	12.7	3	7.0	3	23-24
2ª	80	100	varios	39	12	8.0	10.5	4.4	SW	15	84	18	35	18	20-21	68	SW	18	19.09	16.0	4.3	17	4.0	18	1-2
3ª	83	100	varios	48	23,24	10.5	18.5	6.0	NW	11	48	23 25	25	25	10-11	50	SW	30	2.20	16.8	14.0	29	10.7	30	2-3
MES	81	100	varios	33	9	8.6	18.5	3.6	E	8	84	18	35	18	20-21	68	SW	18	19.09	45.8	14.0	29	10.7	30	2-3

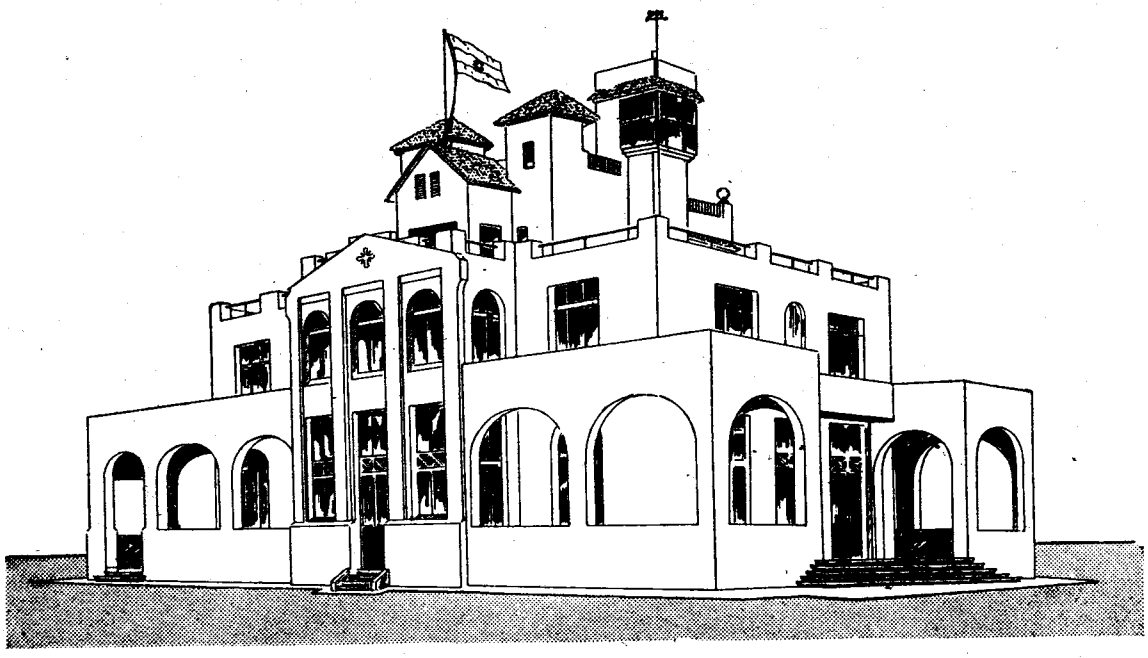
FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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	5	2	4	5	-	-	-	-	1	-	-	-	-	-	-	-	-
2ª	6	-	1	2	1	-	-	1	4	-	3	-	-	-	1	1	1
3ª	3	1	3	3	-	-	-	2	-	-	2	-	-	-	-	2	-
MES	14	3	8	10	1	-	-	3	5	-	5	-	-	-	1	3	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	3	-	-	-	-	-	-	-	1	-	-	2	2	1	-	-
2ª	5	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-
3ª	5	-	-	-	-	-	1	-	1	-	-	2	3	-	3	-
MES	13	-	-	-	-	-	1	-	2	-	-	5	11	1	3	-

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

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



BOLETIN MENSUAL

VOLUMEN VII

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BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII OCTUBRE 1952 Nº 10

RESUMEN MENSUAL

Los primeros días del mes son frescos, con viento S y cielo nublado. El día 3 gira el viento al N provocando ascenso pronunciado de la temperatura. En los días siguientes el tiempo empeora rápidamente al formarse una zona frontal sobre el Río de la Plata. El 5 llueve intensamente y es también el único día del mes sin brillo solar; al mismo tiempo baja la presión a su valor mínimo mensual con 745.6 mmHg. Recién por la tarde del 7, pasa un frente frío por el Observatorio originando un marcado descenso de la temperatura y humedad; en este día la humedad absoluta y relativa alcanza su nivel más bajo del mes con 4.2 mmHg y 41% respectivamente. Durante los últimos días de la década se mantiene la advección desde el sector S reinando tiempo bueno en general y temperaturas que no difieren mayormente de su término medio.

Al principio de la segunda década sigue el aflujo de aire fresco y seco, subiendo al mismo tiempo la presión atmosférica al máximo mensual con 769.6 mmHg el día 12. Por la mañana de ese día se registra la última helada del año (mínima de la superficie -0.3°C) y la temperatura más baja del mes en el abrigo meteorológico (0.3°C). Advección del aire del E produce en los días posteriores una nubosidad muy variable y mantiene hasta el 16 las temperaturas por debajo del valor normal. Al acercarse desde el W una extensa zona de lluvia, el tiempo empeora considerablemente el 17 y el día siguiente llueve copiosamente (47 mm en 24 horas, de los cuales 20 mm en una hora); el mal tiempo se mantiene hasta el fin de la década.

Pasada la zona frontal reina tiempo bueno al principio de la última década, acusando la temperatura un marcado ascenso hasta el 23, día en que alcanza su valor mínimo mensual con 26.8°C. El pasaje de un frente débil ocasiona intensas lluvias el 24, registrándose luego, tiempo cálido, húmedo e inestable hasta la madrugada del 27, en que pasa un frente frío por el Observatorio. Un segundo empuje de aire fresco y seco sigue el 28. El tiempo empeora de nuevo hacia fin de mes, anotándose fuerte nubosidad y lluvias de variada intensidad.

La actividad ciclónica de este mes, se nota también en los promedios mensuales: la presión acusa una desviación negativa de 1 mmHg, la temperatura y precipitación entregan valores sobre sus términos medios de casi 1.0°C y 40% respectivamente.

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	110	97	97	97	97	90	110	110	90	97	104	110	104	117
2	104	110	110	97	186	322	362	506	477	284	220	193	193	207	179
3	-	-	41	34	28	28	83	138	145	131	90	83	83	76	76
4	97	110	69	34	83	131	166	207	138	76	90	97	138	179	166
5	28	28	48	90	41	69	83	±∞	±∞	±∞	±∞	±∞	±∞	±∞	±∞
6	110	90	69	69	90	90	83	124	145	110	179	138	124	110	110
7	166	159	166	138	138	159	172	246	404	333	207	207	117	104	97
8	76	55	+∞	±∞	-686	-104	-267	-∞	145	145	131	124	110	90	90
9	97	83	104	110	110	104	83	90	90	83	69	76	83	83	83
10	69	28	48	62	90	104	152	104	104	69	76	83	62	76	41
11	83	97	104	104	97	104	138	145	172	145	104	90	83	83	90
12	166	200	200	193	207	97	193	272	233	179	172	131	117	83	41
13	200	145	117	104	124	138	179	124	117	110	152	117	131	104	83
14	145	159	145	131	145	124	233	272	246	172	152	117	117	124	-477
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	83	83	90	104	90	138	179	104	48	90	90	83	90	104	97
17	48	41	62	62	69	69	41	-	-824	-∞	- 7	-152	-304	14	- 34
18	21	28	34	41	34	14	-∞	±∞	246	- 41	90	28	69	83	110
19	-138	34	28	41	21	21	41	76	83	83	97	104	76	62	69
20	131	124	124	117	69	83	166	117	76	76	69	83	69	76	76
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	7	69	124	138	69	55	159	131	110	83	83	90	76	69	69
23	55	41	41	62	62	48	83	62	69	48	55	62	55	55	62
24	62	48	48	55	62	83	124	131	83	41	-	-	-	-	-
25	200	213	220	220	213	233	310	259	152	186	186	145	152	131	152
26	69	62	69	83	76	83	97	104	55	69	69	55	55	76	-181
27	76	76	83	48	69	166	117	179	193	172	186	166	124	117	186
28	83	90	83	104	110	124	179	200	193	179	200	179	193	145	104
29	69	62	62	69	90	90	97	83	83	76	83	62	76	76	76
30	48	41	41	55	69	62	-∞	69	124	131	117	124	90	76	62
31	110	90	83	90	90	97	166	259	152	104	83	90	90	117	138
Prom	102.4	110.3	106.2	102.3	111.2	126.1	159.5	176.4	168.3	138.4	133.8	119.7	113.8	108.2	72.8

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	1.03	0.82	1.85	1.26	646	605	1251	1.07	1.11	0.95
2	0.88	0.63	1.51	1.40	485	312	797	1.56	1.27	1.41
3	1.00	0.86	1.86	1.16	585	502	1087	1.07	1.20	1.20
4	0.69	0.58	1.27	1.19	370	298	668	1.24	1.31	1.36
5	1.11	1.18	2.29	0.94	513	468	981	1.09	1.51	1.77
6	1.42	0.90	2.32	1.58	747	540	1287	1.38	1.33	1.17
7	0.80	0.66	1.46	1.21	475	311	786	1.52	1.18	1.48
8	1.14	1.13	2.27	1.01	561	499	1060	1.12	1.42	1.58
9	1.35	1.31	2.66	1.03	583	500	1083	1.17	1.62	1.83
10	1.17	1.15	2.32	1.02	566	484	1050	1.17	1.44	1.66
11	1.01	0.79	1.80	1.28	783	586	1369	1.33	0.90	0.94
12	0.67	0.53	1.20	1.26	368	236	604	1.56	1.27	1.57
13	0.73	0.64	1.37	1.14	347	264	611	1.32	1.47	1.69
14	0.86	0.77	1.63	1.12	390	290	680	1.34	1.54	1.85
15	0.73	0.64	1.37	1.14	442	349	791	1.27	1.15	1.28
16	0.97	0.89	1.86	1.09	715	716	1431	1.00	0.95	0.87
17	1.05	1.01	2.06	1.04	603	728	1331	0.83	1.21	0.97
18	0.80	0.89	1.69	0.90	686	747	1433	0.92	0.81	0.83
19	0.95	0.98	1.93	0.97	597	553	1150	1.08	1.11	1.24
20	1.06	0.95	2.01	1.12	633	474	1107	1.34	1.17	1.40
21	0.91	0.91	1.82	1.00	537	332	869	1.62	1.18	1.92
22	0.84	0.73	1.57	1.15	418	289	707	1.45	1.40	1.76
23	1.18	1.09	2.27	1.08	569	405	974	1.41	1.45	1.88
24	0.82	0.83	1.65	0.99	548	447	995	1.22	1.05	1.30
25	0.74	0.65	1.39	1.14	427	314	741	1.36	1.21	1.45
26	0.93	0.76	1.69	1.22	571	388	955	1.47	1.14	1.37
27	0.78	0.74	1.52	1.05	335	161	496	2.08	1.62	3.21
28	0.76	0.62	1.38	1.23	430	282	712	1.52	1.24	1.54
29	1.05	0.82	1.87	1.28	588	479	1067	1.23	1.25	1.20
30	1.06	0.94	2.00	1.13	568	401	969	1.42	1.30	1.64
31	0.68	0.60	1.28	1.13	460	452	912	1.02	1.03	0.93
Prom.	0.91	0.81	1.72	1.12	535	434	969	1.23	1.19	1.30

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
117	124	131	138	172	152	124	117	117	141.1	193	69	124	0
172	166	124	117	97	69	55	48	55	185.5	652	14	638	0
83	83	90	76	90	83	76	76	97		278	00	278	0*
172	166	152	117	110	110	97	69	41	117.3	259	- 14	273	1
±∞	±∞	110	138	∞	∞	- 34	179	310		∞	-∞	-	3*
110	104	90	97	97	110	131	138	124	110.1	368	7	361	0
83	83	97	145	110	83	62	55	69	150.0	495	7	488	0
90	76	90	97	69	124	124	83	90		∞	-∞	-	3*
69	62	48	83	90	124	90	90	90	87.2	172	- 14	186	1
- 21	- 83	-∞	-∞	69	83	90	69	62		278	-∞	-	3*
90	90	110	110	124	138	138	179	166	116.0	226	48	178	0
28	55	76	110	138	117	179	124	152	144.3	345	- 7	352	1
97	124	83	33	124	138	166	124	131	125.6	272	00	272	0
83	83	124	159	172	186	152	97	152	125.5	350	-894	1244	1
-	-	-	-	-	-	-	-	-		-	-	-	-
69	76	110	110	104	83	76	76	41	92.4	252	- 21	273	1
104	124	117	62	110	90	55	21	14		193	-∞	-	3*
124	213	213	-∞	-∞	- 41	28	83	69		∞	-∞	-	3*
97	104	117	117	166	197	145	110	186	80.7	316	-778	1094	1
90	76	76	55	62	76	76	62	69	87.4	259	21	238	0
-	-	-	-	-	-	-	-	-		-	-	-	-
76	55	138	152	124	104	62	76	62		391	- 34	425	2
55	62	41	41	55	207	110	83	83	66.5	357	- 21	378	1
-	-	97	117	246	207	259	252	252		∞	-∞	-	3*
138	124	145	172	220	145	145	186	117	181.8	357	62	295	0
-169	69	69	76	83	97	117	90	76		454	-762	1216	2
220	186	152	104	90	124	172	166	172	139.3	259	28	231	0
104	117	117	131	131	131	131	104	83	134.0	272	28	244	0
97	90	97	90	110	166	97	124	41	86.1	362	- 7	369	1
69	41	41	69	69	104	117	104	110		∞	-∞	-	3*
138	159	166	152	138	124	-∞	±∞	±∞		∞	-∞	-	3*
105.0	105.1	105.0	109.9	120.7	130.9	119.2	108.4	104.9	119.1				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
5011	4223	9234	1.19	8.68	27,750
8750	8295	16845	1.06	9.33	24,750
9978	9296	19274	1.07	-	17,500
13305	18264	31569	0.73	4.96	-
10341	16003	26344	0.64	-	-
6883	9476	16359	0.73	8.50	18,000
12450	10807	23257	1.15	7.30	22,250
9159	8934	18093	1.03	-	25,500
8743	7905	16648	1.10	7.75	21,500
9983	8582	18565	1.16	-	32,250
8333	7103	15436	1.17	6.96	23,500
15393	14400	29793	1.07	5.78	56,500
13342	12002	25344	1.11	5.75	77,250
13938	12850	26788	1.09	6.80	23,000
16480	15667	32147	1.05	-	118,500
9553	8599	18152	1.11	5.70	71,000
8078	6878	14956	1.17	-	50,250
6022	4893	10915	1.23	-	22,250
6799	6127	12926	1.11	5.20	2,750
7699	6332	14031	1.21	5.84	12,500
8936	7638	16574	1.17	-	21,000
10710	11747	22457	0.91	-	21,750
8063	7916	15979	1.02	5.03	23,000
-	-	-	-	-	16,750
-	-	-	-	8.40	32,500
-	-	-	-	-	2,500
-	-	-	-	7.05	25,000
-	-	-	-	6.17	87,000
-	-	-	-	5.37	17,500
-	-	-	-	-	14,500
-	-	-	-	-	43,500
9759	9874	19733	0.99	6.70	32,800

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	1.17	1.00	1.04	1.19	1.09	1.10	1.27	1.11	1.26	1.14	1.07	1.08
2	1.20	0.97	1.03	0.73	0.63	0.66	0.58	0.53	0.48	0.76	0.88	0.96
3	-	-	-	-	-	-	-	0.84	0.71	0.72	1.08	1.21
4	0.90	0.76	0.56	0.61	0.65	0.59	0.56	0.40	0.76	0.60	0.51	0.55
5	1.10	1.08	1.05	1.10	1.04	1.28	1.15	-	-	-	-	-
6	-	-	-	-	-	-	-	1.35	1.20	1.42	1.10	0.89
7	0.51	0.55	0.74	0.88	0.98	0.66	0.60	0.77	0.54	0.91	0.76	0.54
8	1.06	1.34	1.29	0.96	0.62	1.01	1.02	0.44	1.30	1.39	1.26	1.15
9	-	-	-	-	-	-	-	-	1.31	1.38	1.13	1.28
10	-	-	-	-	-	-	-	0.71	1.15	1.26	0.89	1.32
11	1.43	1.30	1.09	1.25	1.37	1.01	1.26	1.08	1.06	0.84	0.92	0.87
12	0.62	0.79	0.67	0.60	0.62	0.84	0.65	0.85	0.78	0.74	0.62	0.60
13	0.53	0.66	0.50	1.08	1.20	0.78	0.69	0.86	0.90	0.84	0.65	0.56
14	-	-	-	-	-	-	-	-	1.33	1.70	0.78	0.66
15	0.90	0.96	0.91	0.84	1.00	0.87	0.74	0.55	0.43	0.80	0.88	0.84
16	-	-	-	-	-	-	-	-	0.95	0.79	0.87	0.90
17	1.34	1.45	1.37	1.39	1.36	1.39	1.23	1.10	0.87	0.72	0.90	0.92
18	-	-	-	-	-	-	-	0.77	0.93	0.86	0.88	0.99
19	1.01	1.37	1.09	0.66	0.81	0.91	0.69	0.56	1.08	1.23	1.16	1.10
20	0.41	0.43	0.52	0.57	0.77	0.66	0.75	1.11	1.23	1.09	0.98	1.13
21	-	-	-	-	-	-	-	1.05	1.19	0.97	1.04	1.21
22	0.45	0.47	0.41	0.43	0.46	0.41	0.46	0.80	0.83	1.12	1.32	0.92
23	1.19	0.96	1.10	0.95	0.79	1.24	0.88	0.88	1.10	1.38	1.26	1.59
24	1.04	1.11	1.02	1.16	1.28	0.97	0.79	0.80	0.87	1.11	0.64	1.36
25	0.60	0.79	0.87	0.74	0.82	0.99	-	-	0.87	0.78	0.68	0.63
26	0.96	0.98	0.87	0.77	1.05	0.77	0.89	0.87	0.69	0.90	0.95	1.31
27	0.57	0.68	0.72	0.69	-	-	-	0.90	0.85	0.59	0.77	0.81
28	0.90	1.20	1.40	1.18	0.94	1.25	1.01	1.12	0.45	0.56	0.49	0.41
29	0.95	1.08	0.95	1.05	0.91	0.72	0.96	0.97	1.18	1.12	1.04	1.05
30	1.37	1.52	1.37	1.30	1.23	1.16	0.94	0.82	0.82	0.87	0.92	1.00
31	0.70	0.76	0.78	0.75	0.72	0.77	0.58	0.55	-	0.69	0.86	0.78
Promedio	0.88	0.96	0.93	0.91	0.92	0.91	0.84	0.84	0.94	0.98	0.91	0.95

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	0.90	0.75	0.92	0.97	0.82	0.93	1.12	0.95	1.08	0.98	0.94	1.04
2	0.69	0.53	0.53	0.42	0.44	0.46	0.46	0.37	0.37	0.53	0.60	0.69
3	-	-	-	-	-	-	-	0.69	0.69	0.78	1.05	1.18
4	0.60	0.50	0.44	0.53	0.56	0.44	0.44	0.37	0.51	0.50	0.42	0.50
5	1.15	1.19	1.11	1.08	1.38	1.29	1.06	-	-	-	-	-
6	-	-	-	-	-	-	-	1.00	1.04	1.09	0.87	1.39
7	0.42	0.42	0.55	0.67	0.78	1.03	0.43	0.50	0.58	0.60	0.69	0.46
8	1.32	1.34	1.28	0.87	0.92	1.17	1.24	0.64	1.05	1.33	1.12	1.14
9	-	-	-	-	-	-	-	1.77	1.67	1.24	1.19	1.16
10	-	-	-	-	-	-	-	0.67	1.09	1.34	1.21	1.23
11	0.94	0.84	0.78	0.94	1.10	0.82	1.05	0.92	0.89	0.76	0.83	0.82
12	0.40	0.40	0.42	0.40	0.42	0.55	0.45	0.76	0.70	0.62	0.62	0.57
13	0.44	0.53	0.40	1.04	1.00	0.65	0.60	0.76	0.89	0.76	0.50	0.44
14	-	-	-	-	-	-	-	-	1.43	1.16	0.65	0.55
15	1.10	0.86	0.64	0.66	0.72	0.70	0.70	0.49	0.46	0.98	0.80	0.71
16	-	-	-	-	-	-	-	-	0.80	0.75	0.80	1.00
17	1.14	1.42	1.39	1.35	1.32	1.19	1.22	1.10	0.93	0.78	0.87	0.87
18	-	-	-	-	-	-	-	0.96	1.05	0.76	0.81	0.76
19	1.42	1.39	1.33	0.91	1.02	0.99	0.82	0.64	1.10	1.20	1.18	1.00
20	0.36	0.39	0.39	0.55	0.55	0.55	0.67	0.97	0.92	1.00	0.97	0.98
21	-	-	-	-	-	-	-	0.83	0.95	0.77	0.82	1.46
22	0.41	0.37	0.35	0.34	0.40	0.39	0.39	0.55	0.66	1.23	1.09	0.82
23	1.12	0.91	1.03	0.74	0.82	1.00	0.67	0.76	1.10	1.56	1.24	1.73
24	1.00	0.97	1.05	1.09	0.93	0.88	0.64	0.61	0.94	1.16	1.08	1.70
25	0.46	0.60	0.55	0.65	0.89	-	-	-	0.66	0.58	0.55	0.53
26	0.84	0.72	0.67	0.56	0.69	0.58	0.64	0.57	0.55	0.69	0.88	1.12
27	0.42	0.58	0.60	0.64	-	-	-	0.74	0.66	0.59	0.78	0.71
28	0.79	0.87	1.07	0.95	0.69	0.87	0.72	1.28	0.64	0.44	0.37	0.33
29	0.71	0.83	0.78	0.87	0.65	0.53	0.90	0.96	0.97	0.97	0.87	0.92
30	1.38	1.39	1.24	1.24	1.14	1.10	1.79	0.58	0.69	0.69	0.71	0.80
31	0.49	0.58	0.60	0.47	0.49	0.53	0.42	0.38	-	0.94	0.77	0.67
Promedio	0.80	0.80	0.79	0.78	0.80	0.79	0.78	0.77	0.86	0.89	0.84	0.91

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.94	1.00	0.70	0.68	0.97	0.95	0.84	0.78	0.95	1.04	1.16	1.13	1.03
0.87	1.15	0.95	0.92	1.30	0.97	1.12	-	-	-	-	-	0.88
1.33	1.22	1.17	1.29	1.06	1.04	0.87	0.91	0.90	0.88	1.00	0.76	1.00
0.66	0.56	0.48	0.50	0.38	0.38	0.97	-	-	1.56	1.10	1.14	0.69
-	-	-	-	-	-	-	-	-	-	-	-	1.11
1.63	1.40	1.27	1.27	1.34	1.30	1.70	1.04	0.70	0.58	0.54	0.69	1.42
0.58	0.62	0.65	0.88	0.85	1.17	0.60	1.00	1.24	1.09	1.04	1.10	0.80
1.52	1.18	1.16	1.13	1.18	1.09	1.04	1.35	1.42	1.26	-	-	1.14
1.27	1.47	1.42	1.44	1.52	1.36	1.06	1.52	-	-	-	-	1.35
1.22	1.20	1.16	1.16	1.18	1.27	0.96	1.00	1.36	1.20	1.44	1.42	1.17
1.00	0.98	0.92	0.94	0.95	0.88	1.00	1.00	0.79	0.84	0.78	0.72	1.01
0.59	0.56	0.59	0.53	0.54	0.78	0.79	0.98	0.58	0.52	0.58	0.58	0.67
0.61	0.71	0.63	0.61	0.64	0.53	0.71	0.87	-	-	-	-	0.73
0.62	0.74	0.70	0.66	0.72	0.69	0.76	0.76	0.74	0.80	1.00	1.03	0.86
0.61	0.58	0.74	0.72	0.86	0.76	0.52	0.57	0.47	0.54	0.72	-	0.73
0.90	1.00	0.79	0.88	0.62	0.88	0.85	1.17	1.00	1.17	1.44	1.38	0.97
0.93	0.69	0.62	0.77	0.89	1.06	1.00	1.03	-	-	-	-	1.05
0.76	1.06	0.93	0.87	0.52	0.55	0.50	0.77	0.62	0.87	1.00	0.91	0.80
1.15	1.71	1.54	1.36	1.30	1.05	0.74	0.50	0.43	0.46	0.51	0.47	0.95
1.12	1.43	1.25	1.65	1.47	1.37	1.06	2.31	-	-	-	-	1.06
1.42	0.41	1.30	0.41	1.59	1.91	0.91	0.48	0.44	0.37	0.46	0.35	0.91
0.94	1.00	1.04	1.31	1.20	0.87	0.95	1.42	1.06	0.99	0.61	0.72	0.84
1.54	1.45	1.38	1.53	1.39	1.59	0.82	0.62	1.15	0.92	1.06	1.47	1.18
0.45	0.40	0.72	0.66	0.79	1.18	0.93	0.52	0.60	0.48	0.53	0.40	0.82
0.81	0.90	1.05	1.07	1.05	0.68	0.81	0.47	0.40	0.40	0.40	0.48	0.74
1.22	1.44	0.95	0.87	1.15	1.26	0.90	0.75	0.65	0.64	0.74	0.85	0.93
0.69	0.81	0.76	0.82	0.93	0.[illegible]8	0.94	0.64	1.06	-	-	0.94	0.78
0.42	0.48	0.54	0.47	0.58	0.59	0.52	0.61	0.60	0.69	0.83	0.80	0.76
0.99	1.00	1.01	1.07	1.22	0.75	0.65	0.86	1.52	1.01	1.85	1.39	1.05
1.30	1.13	1.18	1.15	0.98	1.23	1.17	1.05	0.80	0.57	0.80	0.75	1.06
0.62	0.57	0.60	0.60	0.56	0.57	0.52	0.93	0.55	0.69	0.66	0.94	0.68
0.96	0.96	0.94	0.94	0.99	0.98	0.87	0.92	0.83	0.81	0.88	0.89	0.91

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.87	0.91	0.53	0.73	0.82	0.57	0.46	0.48	0.66	0.70	0.72	0.74	0.82
0.76	0.88	0.82	0.70	0.98	0.71	1.10	-	-	-	-	-	0.63
1.20	1.16	1.06	1.18	0.86	0.75	0.60	0.72	0.64	0.74	0.80	0.57	0.86
0.55	0.46	0.44	0.46	0.34	0.48	-	-	-	1.50	1.26	1.00	0.58
-	-	-	-	-	-	-	-	-	-	-	-	1.18
1.10	1.12	0.96	1.05	1.12	1.02	1.36	0.59	0.37	0.37	0.37	0.46	0.90
0.52	0.64	0.60	0.69	0.70	0.92	0.40	0.99	0.82	0.88	0.78	0.78	0.66
1.30	0.89	1.20	1.00	0.98	0.80	1.19	1.18	1.44	1.52	-	-	1.13
1.34	1.40	1.38	1.32	1.42	1.17	0.81	1.15	-	-	-	-	1.31
1.32	1.19	1.14	1.17	1.34	1.00	0.94	1.12	1.21	1.14	1.35	1.12	1.15
0.93	0.90	0.87	0.81	0.83	0.72	0.88	0.58	0.46	0.55	0.40	0.44	0.79
0.50	0.51	0.53	0.48	0.53	0.71	0.73	0.71	0.37	0.42	0.46	0.53	0.53
0.55	0.64	0.58	0.55	0.55	0.50	0.60	0.78	-	-	-	-	0.64
0.57	0.60	0.81	0.96	0.62	0.58	0.62	0.62	0.55	0.78	0.88	0.93	0.77
0.53	0.60	0.64	0.77	0.66	0.55	0.44	0.40	0.36	0.47	0.55	-	0.64
0.82	0.84	0.86	0.70	0.55	0.52	0.86	1.00	1.03	1.21	1.31	1.15	0.89
0.81	0.59	0.61	0.69	0.86	1.06	1.00	0.91	-	-	-	-	1.01
0.89	0.91	0.88	0.66	0.52	0.50	1.01	1.80	0.61	0.88	0.92	1.17	0.89
1.51	1.87	1.58	1.19	1.09	0.93	0.49	0.40	0.30	0.47	0.40	0.32	0.98
1.23	1.28	1.28	1.53	1.33	1.16	1.04	1.94	-	-	-	-	0.95
1.40	1.29	1.56	1.29	1.24	1.81	0.55	0.27	0.32	0.32	0.34	0.31	0.91
0.80	0.90	0.98	1.07	1.00	1.05	0.85	0.75	1.05	0.78	0.58	0.80	0.73
1.34	1.36	1.39	1.32	1.37	1.52	0.73	0.48	0.78	0.88	1.09	1.15	1.09
1.10	0.84	0.62	0.68	0.74	1.16	0.68	0.37	0.50	0.36	0.40	0.34	0.83
0.71	0.92	1.08	0.92	0.96	1.11	0.61	0.40	0.34	0.40	0.29	0.44	0.65
1.29	1.41	0.94	1.14	0.93	0.87	0.62	0.48	0.48	0.48	0.65	0.55	0.76
0.62	0.66	0.76	0.79	0.64	0.55	1.39	0.86	1.27	-	-	0.87	0.74
0.35	0.40	0.44	0.37	0.51	0.46	0.39	0.51	0.46	0.57	0.69	0.64	0.62
0.87	0.95	0.98	0.97	0.92	0.64	0.56	0.76	0.94	0.82	0.62	0.69	0.82
1.09	1.04	1.12	0.90	0.82	1.02	0.90	0.84	0.60	0.44	0.65	0.49	0.94
0.35	0.37	0.55	0.35	0.42	0.42	0.43	0.80	0.46	0.38	1.14	1.70	0.60
0.91	0.92	0.90	0.88	0.86	0.84	0.76	0.78	0.67	0.71	0.72	0.75	0.81

IONES LIVIANOS POSITIVOS "n^+" por cm^3

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
1	608	521	521	608	608	707	707	608	707	608	955	1035
2	608	434	347	260	260	260	260	174	174	347	782	707
3	434	478	521	434	434	347	347	955	782	868	955	868
4	434	434	260	260	260	347	347	260	260	260	347	347
5	521	521	608	608	521	521	608	608	955	1275	707	434
6	434	707	707	608	608	707	707	868	1115	1115	1275	1115
7	174	260	347	347	347	347	434	521	608	521	434	521
8	434	521	434	521	260	434	174	260	1194	1115	868	868
9	347	347	347	434	434	521	521	707	782	868	868	868
10	347	347	347	260	260	260	347	782	1035	955	955	782
11	707	608	521	608	707	707	868	1194	1115	1115	1194	1115
12	347	434	347	347	434	347	434	707	570	347	434	347
13	260	260	260	707	608	347	260	260	260	260	260	260
14	260	347	347	347	347	347	260	260	347	174	347	347
15	260	347	347	347	434	434	347	260	347	260	434	347
16	868	868	782	782	608	608	707	995	955	955	868	955
17	782	782	782	707	782	707	608	707	434	521	782	707
18	608	707	707	782	782	782	707	608	434	608	707	608
19	608	707	782	782	521	521	434	347	521	608	782	782
20	260	260	260	347	347	434	260	347	782	955	992	1194
21	434	434	434	434	521	434	434	608	782	707	782	707
22	174	174	260	260	260	260	304	521	782	782	782	608
23	347	347	347	347	434	521	521	521	868	782	868	782
24	565	521	434	434	434	434	434	521	868	782	845	950
25	260	260	260	260	260	260	434	521	608	608	608	521
26	707	707	521	521	608	521	521	521	434	521	608	707
27	260	347	347	347	434	-	-	347	347	260	260	260
28	695	608	521	434	434	434	607	521	608	347	260	260
29	521	608	608	521	434	347	707	868	1035	868	782	608
30	526	707	521	434	521	521	347	570	521	782	782	868
31	347	347	347	347	347	347	347	260	707	347	434	608
Promedio	456	482	457	466	460	459	466	555	675	662	708	680

IONES LIVIANOS NEGATIVOS "n^-" por cm^3

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
1	376	376	376	521	451	451	526	521	608	782	1115	1354
2	226	75	75	75	75	75	75	-	-	-	602	376
3	376	376	312	312	226	226	312	976	905	1120	1188	976
4	312	226	226	226	226	150	150	150	226	312	312	376
5	602	676	602	602	526	526	608	451	-	676	676	451
6	312	526	451	376	526	376	451	602	976	905	1188	976
7	150	150	75	150	150	226	226	226	451	451	312	608
8	312	312	376	676	676	602	676	451	1052	1052	905	828
9	312	226	150	150	150	312	451	602	676	828	828	828
10	150	226	226	150	150	150	150	785	1120	1120	976	752
11	150	150	150	226	376	376	752	1052	1120	1120	1320	1120
12	150	150	150	150	150	226	226	451	602	312	376	226
13	150	150	150	602	526	150	150	150	226	150	150	226
14	150	150	150	150	150	150	150	150	226	75	226	312
15	150	150	226	226	226	312	226	150	226	150	376	312
16	676	828	608	602	451	676	451	1250	1250	1120	1052	1052
17	828	828	752	752	828	752	828	1120	976	905	1120	1120
18	752	828	828	828	905	1052	752	976	976	526	602	676
19	1188	752	828	602	451	526	376	226	376	451	676	676
20	150	150	150	150	75	75	150	231	678	905	898	1250
21	226	150	226	382	226	226	376	226	451	451	602	526
22	150	150	150	150	226	226	150	226	602	602	602	526
23	150	226	226	150	226	226	226	301	602	1052	676	608
24	312	226	226	312	226	226	226	376	828	752	226	-
25	150	150	150	150	150	150	150	150	376	526	526	451
26	526	376	376	226	312	226	312	226	150	312	312	376
27	150	150	226	226	376	-	-	226	150	150	150	150
28	226	150	312	226	150	312	150	150	602	312	312	226
29	376	526	376	376	226	150	602	905	1188	976	752	602
30	376	451	312	226	226	150	376	419	376	451	526	752
31	150	226	226	150	150	150	226	150	312	602	602	602
Promedio	331	325	312	326	316	304	349	462	631	638	651	644

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
955	955	955	478	868	707	608	521	434	521	608	707	646
782	868	868	782	868	608	434	347	347	347	434	347	485
955	707	608	707	521	521	521	434	434	434	434	347	585
434	434	347	347	260	260	347	347	434	434	707	707	370
521	608	521	347	434	434	521	260	260	174	174	174	513
1035	1035	955	782	782	868	868	434	347	347	260	260	747
434	521	782	707	707	608	521	434	434	521	434	434	475
707	707	707	608	608	434	521	608	347	347	347	434	561
868	782	782	782	782	707	521	347	347	347	347	347	583
707	608	608	347	347	707	434	608	608	521	608	707	566
1115	955	782	782	868	782	707	608	521	434	434	347	783
260	260	260	260	347	521	260	260	347	434	260	260	368
260	347	347	434	434	347	521	434	347	260	260	347	347
434	434	478	707	782	707	434	347	434	347	260	260	390
434	608	782	868	782	434	434	434	347	260	347	707	442
955	868	782	707	434	434	347	347	434	602	602	707	715
782	782	608	434	434	347	260	347	434	521	608	608	603
868	955	955	782	521	521	521	1035	608	608	521	521	686
1035	1035	955	782	707	521	434	347	347	260	260	260	597
1035	955	955	782	782	782	782	608	608	521	521	434	633
608	782	782	782	782	707	434	260	260	260	174	347	537
521	434	521	521	608	260	347	260	347	434	347	260	418
782	782	868	707	707	608	347	347	347	347	521	608	569
527	521	527	608	782	707	521	434	434	347	260	260	548
608	521	608	707	608	434	434	347	260	260	260	347	427
782	608	608	782	707	707	608	434	434	347	347	434	571
260	260	260	347	521	434	434	347	434	347	260	260	335
260	434	347	434	347	434	347	260	347	434	521	434	430
608	707	707	707	707	521	434	347	347	347	347	434	588
868	608	521	434	434	707	608	608	434	347	434	521	568
608	608	782	782	608	434	347	174	260	347	570	738	460
678	667	663	623	615	555	479	417	398	389	402	437	535

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1194	1194	1035	608	868	521	226	226	226	434	312	226	605
676	752	602	676	602	376	226	150	150	150	312	226	312
905	676	602	602	451	312	226	150	150	226	226	226	502
376	376	312	376	226	226	312	312	312	312	526	602	298
312	451	451	526	883	376	312	150	226	312	226	150	468
828	905	782	602	602	526	312	150	150	150	150	150	540
376	451	602	602	602	376	312	226	150	150	226	226	311
602	526	526	376	526	226	226	226	226	150	226	226	499
905	752	676	602	676	451	312	226	226	150	150	150	500
526	602	602	376	526	526	451	451	451	312	451	376	484
1188	976	828	752	828	451	312	226	150	150	150	150	586
150	150	226	226	312	451	226	150	150	150	150	150	236
312	344	376	376	376	419	451	312	150	150	150	150	264
376	526	602	602	752	602	312	312	312	226	150	150	290
451	676	828	905	752	376	226	226	226	226	226	526	349
1052	1052	976	752	526	376	312	312	312	526	602	676	716
1052	828	752	451	376	312	226	312	312	602	676	752	728
905	1120	1188	828	526	451	850	715	-	602	602	451	747
1255	1188	976	602	602	312	226	226	226	226	150	150	553
1052	905	828	752	752	676	376	188	226	226	312	226	474
526	602	564	526	376	312	226	150	150	150	150	150	332
376	376	376	312	376	150	226	226	150	312	150	150	289
676	752	752	526	451	312	150	226	188	226	338	451	405
1930	1530	738	451	639	526	226	150	150	150	150	150	447
451	526	602	602	526	312	226	312	226	226	226	226	314
526	676	526	752	826	526	526	312	226	226	226	226	388
75	75	75	150	150	150	150	150	150	150	-	-	161
226	312	376	376	312	376	226	150	312	376	376	226	282
526	526	526	676	602	376	226	150	150	150	150	376	479
752	526	451	312	376	602	451	451	312	150	376	226	401
676	828	676	526	312	150	150	226	150	752	1194	1673	452
685	683	627	542	539	391	297	250	210	268	310	326	434

IONES PESADOS POSITIVOS "N+" por cm³

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
1	4490	4490	3585	3585	4490	4490	4490	3585	3585	4490	4490	4490
2	5380	5380	5380	7180	6295	7180	7180	8060	7180	7180	6295	6295
3	8060	8950	8060	8950	11690	13430	15250	9860	10770	17950	6295	5380
4	12590	11690	13430	13430	9860	12590	17050	26900	17050	10770	10770	13430
5	4490	3585	4490	3585	4490	5380	5380	5380	6295	12590	12590	17050
6	5380	3585	3585	3585	3585	3585	3585	4490	11690	5380	6295	8060
7	18870	17050	16130	11690	9860	10770	11690	9860	12590	12590	14350	16130
8	11690	8950	7180	9860	7180	7180	6295	8950	7180	7180	8950	9860
9	8950	8950	7180	8060	8060	8060	8060	6295	5380	5380	7180	5380
10	17950	15250	18870	15250	16130	17050	15250	14350	8060	6295	7180	7180
11	6295	7180	8060	6295	6295	8060	7180	6295	8060	7180	7180	8060
12	14350	13430	14350	13430	12590	14350	15250	11690	12590	17050	18870	18870
13	16130	14350	13430	6295	5380	10770	16130	12590	16130	13430	11690	16130
14	5380	7180	7180	12590	12590	13430	11690	15250	15250	17050	15250	17950
15	17950	21520	18870	16130	16130	17950	23360	21520	12590	16130	15250	17050
16	6295	7180	7180	6295	8060	9860	11690	8060	7180	8060	9860	9860
17	5380	4490	5380	4490	5380	4490	5380	5380	6295	8060	8950	7180
18	4490	3585	4490	4490	3585	4490	5380	5380	5380	6295	6295	7180
19	4490	3585	3585	4490	4490	3585	5380	5380	3585	4490	3585	4490
20	15250	13430	11690	8060	8060	6295	6295	7180	4490	5380	-	-
21	7180	7180	7180	6295	6295	7180	8950	7180	4490	5380	4490	4490
22	16130	9860	12590	12590	14350	20350	16130	7180	7180	7180	6295	11690
23	7180	8950	8060	8060	8950	7180	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
Promedio	9755	9122	9128	8465	8426	9465	10320	9582	8773	9340	9148	10295

IONES PESADOS NEGATIVOS "N−" por cm³

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
1	3585	3585	2690	3585	4490	3585	3585	3585	1795	3585	2690	5380
2	3585	4490	3585	7180	5380	5380	4490	7180	6295	5380	8060	5380
3	7180	6295	6295	8950	16130	13430	11690	8950	12590	7180	6295	3585
4	8060	10770	13430	12590	11690	13430	20350	25150	14350	8950	39420	43950
5	3585	3585	4490	3585	5380	3585	3585	7180	8950	20700	28730	36790
6	2690	2690	2690	4490	2690	2690	3585	-	3585	4490	39420	30580
7	22400	15250	8060	8060	8950	12590	11690	7180	9860	9860	14350	12590
8	8060	8060	8060	17050	7180	5380	8950	8060	5380	8950	9860	7180
9	8060	8060	8060	7180	6295	6295	8060	7180	4490	4490	5380	4490
10	13430	14350	11690	17050	15250	11690	14350	8960	8060	7180	6295	6295
11	4490	6295	5380	6295	4490	8060	6295	6295	7180	8060	6295	8060
12	11690	11690	11690	13430	11690	15250	17050	8060	10770	16130	17050	18870
13	13430	10770	12590	5380	5380	12590	12590	14350	12590	11690	13430	17050
14	11690	7180	5380	6295	13430	12590	14350	15250	8950	20350	17950	14350
15	17050	17950	17950	17050	17950	21520	21520	20700	9860	18870	15250	17950
16	6295	6295	5380	4490	6295	8950	8060	6295	7180	8060	8060	7180
17	4490	3585	3585	4490	3585	4490	4490	5380	4490	6295	6295	6295
18	3585	2690	2690	3585	3585	2690	5380	4490	3585	4490	2690	5380
19	3585	1795	2690	3585	3585	2690	4490	3585	2690	2690	3585	3585
20	12590	10770	8060	7180	6295	4490	6295	4490	3585	-	-	-
21	6295	6295	5380	5380	4490	5380	6295	-	4490	3585	5380	5380
22	22400	12590	8950	15250	15250	15250	17950	11690	5380	5380	6295	13430
23	8950	8950	8060	8060	6295	7180	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
Promedio	9008	8000	7254	8269	8076	8660	9777	9200	7096	8874	12513	13036

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
3585	2690	2690	4490	6295	6295	9860	8950	7180	6295	6295	5380	5011
9860	9860	7180	10770	6295	7180	11690	13430	17950	13430	11690	11690	8750
5380	5380	6295	6295	8950	8950	12590	9860	14350	10770	12590	13430	9978
9860	13430	14350	14350	15250	16130	17050	14350	13430	11690	5380	4490	13305
16130	15250	18870	28730	-	16130	7180	8060	7180	8060	12590	14350	10341
6295	5380	6295	7180	6295	5380	6295	9860	11690	11690	13430	12590	6883
16130	15250	8950	8060	7180	8060	13430	11690	11690	13430	12590	10770	12450
6295	6295	6295	7180	9860	8060	8950	9860	17950	15250	12590	10770	9159
6295	5380	5380	5380	5380	6295	8060	15250	17950	17050	16130	14350	8743
6295	8060	8950	9860	5380	5380	6295	6295	5380	6295	6295	6295	9983
8060	8060	8060	8950	7180	8060	8950	9860	11690	9860	11690	13430	8333
20350	17050	17050	13430	12590	10770	16130	17050	18870	17950	15250	16130	15393
16130	16130	15250	17050	15250	18870	9860	9860	12590	11690	16130	8950	13342
20350	15250	17050	15250	11690	11690	12590	13430	15250	15250	17050	18870	13938
18870	15250	12590	10770	11690	14350	18870	15250	14350	18870	20350	9860	16480
8950	7180	-	9860	13430	11690	17050	15250	13430	9860	8060	5380	9553
7180	11690	10770	12590	12590	12590	13430	12590	10770	8060	5380	5380	8078
5380	4490	5380	6295	11690	9860	9860	11690	4490	5380	4490	4490	6022
3580	3580	4490	4490	5380	4490	8950	13430	14350	16130	17050	16130	6799
-	-	-	5380	6295	7180	7180	6295	6295	7180	7180	7180	7699
4490	6295	6295	5380	6295	5380	8950	14350	14350	21520	21520	23360	8936
11690	8950	8950	6295	5380	9860	-	-	-	-	8950	12590	10710
-	-	-	-	-	-	-	-	-	-	-	-	8063
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
10055	9567	9557	9911	9064	9666	11106	11746	12437	12177	11940	11176	9759

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1795	1795	1795	5380	5380	6295	8950	7180	7180	4490	5380	3585	4223
8060	8060	8060	10770	6295	8060	13430	14350	14350	14350	9860	17050	8295
5380	5380	6295	6295	8950	8950	10770	9860	8950	12590	10770	20350	9296
44900	52950	13430	16130	15250	16130	14350	14350	11690	8060	5380	3585	18264
21520	56480	29600	39420	44900	7180	6295	6295	6295	10770	12590	12590	16003
26900	5380	5380	6295	5380	4490	5380	8950	10770	16130	13430	9860	9476
12590	9860	7180	8060	7180	5380	11690	12590	10770	11690	10770	10770	10807
4490	6295	6295	5380	8060	12590	8060	12590	18870	11690	9860	8060	8934
5385	4490	4490	4490	4490	6295	8060	15250	16130	20350	14350	-	7905
7180	8950	-	8950	4490	3585	4490	4490	5380	6295	4490	4490	8582
6295	6295	6295	5380	5380	6295	8060	9860	8950	9860	7180	13430	7103
17050	17050	14350	11690	11690	11690	18870	17050	18870	13430	16130	14350	14400
20700	14350	13430	16130	14350	8950	8060	9860	9860	11690	10770	8060	12002
14350	15250	14350	10770	8950	10770	10770	12590	15250	12590	17050	17950	12850
15250	11690	10770	9860	13430	15250	15250	13430	17050	18870	15250	6295	15667
6295	13430	10770	12590	11690	15250	17050	13430	6295	5380	5380	5380	8599
8060	9860	9860	12590	9860	10770	13430	10770	9860	5380	3585	3585	6878
4490	4490	4490	8950	10770	8950	8060	8950	3585	3585	2690	3585	4893
3585	5385	3585	4490	4490	5380	16130	13430	13430	14350	14350	11690	6127
-	-	3585	6295	7180	5380	5380	5380	5380	5380	6295	6295	6332
3585	4490	6295	5380	4490	1795	3585	12590	17050	14350	20350	23360	7638
18870	17050	8060	6295	6295	5380	9860	11690	-	-	14350	10770	11747
-	-	-	-	-	-	-	-	-	-	-	-	7916
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
12225	13199	8969	10072	9952	8401	10272	11174	11236	11013	10466	10242	9874

COMPONENTE NORTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	9.1	7.6	6.0	12.1	7.6	1.5	- 1.6	1.5	- 3.2	6.0	4.5	6.0	7.6
2	4.5	4.5	4.5	6.0	4.5	3.0	1.5	- 1.6	4.5	7.6	10.6	9.1	9.1
3	7.6	6.0	6.0	7.6	6.0	3.0	- 1.6	- 3.2	1.5	- 1.6	-	-	-
4	4.5	3.0	7.6	9.1	6.0	4.5	6.0	4.5	3.0	1.5	9.1	3.0	9.1
5	4.5	9.1	7.6	6.0	6.0	9.1	3.0	- 4.8	- 6.4	10.6	10.6	13.6	10.6
6	1.5	3.0	3.0	3.0	4.5	- 1.6	- 6.4	- 9.5	- 8.0	- 4.8	- 4.8	1.5	1.5
7	- 3.2	1.5	- 3.2	1.5	- 1.6	- 1.6	- 3.2	- 9.5	- 8.0	- 3.2	1.5	6.0	6.0
8	1.5	3.0	- 1.6	- 1.6	1.5	- 1.6	- 4.8	- 4.8	- 1.6	1.5	4.5	3.0	- 3.2
9	- 1.6	3.0	1.5	1.5	3.0	- 3.2	- 3.2	- 4.8	1.6	6.0	1.5	4.5	4.5
10	3.0	4.5	3.0	4.5	3.0	- 4.8	- 6.4	- 4.8	- 3.2	6.0	6.0	4.5	7.6
11	4.5	4.5	4.5	6.0	3.0	3.0	- 4.8	-14.3	- 4.8	1.5	1.5	3.0	3.0
12	6.0	7.6	12.1	3.0	3.0	1.5	- 3.2	- 1.6	3.0	1.5	6.0	12.1	9.1
13	- 1.6	4.5	4.5	4.5	3.0	- 3.2	- 4.8	- 6.4	- 3.2	- 1.6	3.0	6.0	6.0
14	1.5	4.5	1.5	3.0	4.5	- 3.2	- 6.4	- 6.4	- 1.6	3.0	4.5	4.5	- 1.6
15	4.5	9.1	4.5	9.1	10.6	- 1.6	- 4.8	- 3.2	- 3.2	4.5	3.0	3.0	4.5
16	6.0	9.1	6.0	9.1	9.1	6.0	1.5	- 1.6	6.0	4.5	9.1	9.1	12.1
17	3.0	9.1	10.6	7.6	3.0	- 1.6	- 4.8	- 8.0	1.5	1.5	6.0	9.1	6.0
18	1.5	7.6	3.0	6.0	7.6	1.5	- 6.4	- 1.6	6.0	12.1	13.6	6.0	7.6
19	7.6	7.6	12.1	12.1	7.6	6.0	1.5	- 4.8	- 1.6	1.5	4.5	6.0	3.0
20	- 3.2	4.5	3.0	3.0	3.0	- 9.5	-12.7	-12.7	- 1.6	- 1.6	- 1.6	- 4.8	6.0
21	- 6.4	- 1.6	- 3.2	- 1.6	1.5	- 6.4	- 9.5	-13.6	- 4.8	1.5	- 4.8	- 6.4	- 8.0
22	- 9.5	- 6.4	- 6.4	- 1.6	- 1.6	- 9.5	-15.9	-12.7	- 6.4	- 6.4	- 6.4	- 3.2	- 4.8
23	- 1.6	- 6.4	- 4.8	- 1.6	- 1.6	- 9.5	-14.3	-14.3	- 9.5	- 9.5	- 8.0	- 1.6	- 1.6
24	- 6.4	- 3.2	- 3.2	- 3.2	- 3.2	- 6.4	-12.7	-14.3	-12.7	- 6.4	1.5	6.0	6.0
25	- 1.6	- 1.6	- 1.6	1.5	- 3.2	- 9.5	-19.1	-15.9	-11.1	- 9.5	- 6.4	7.6	- 1.6
26	- 3.2	1.5	- 1.6	- 1.6	- 1.6	-	-	-	- 3.2	- 3.2	- 1.6	- 3.2	- 1.6
27	- 3.2	4.5	1.5	1.5	1.5	- 6.4	- 9.5	- 8.0	- 4.8	- 1.6	- 1.6	1.5	3.0
28	1.5	3.0	3.0	1.5	3.0	- 9.5	-12.7	- 9.5	- 3.2	4.5	1.5	3.0	1.5
29	3.0	3.0	3.0	4.5	4.5	- 6.4	- 8.0	- 6.4	1.5	4.5	4.5	3.0	1.5
30	9.1	10.6	9.1	6.0	3.0	- 6.4	- 6.4	1.5	4.5	10.6	3.0	13.6	-11.1
31	- 3.2	3.0	4.5	7.6	4.5	- 6.4	- 8.0	- 9.5	-	- 6.4	3.0	3.0	- 1.6
Prom	1.3	3.9	3.1	4.1	3.3	- 2.3	- 5.9	- 6.7	- 2.2	1.1	2.6	4.3	3.0
Var.	1.7	4.3	3.5	4.5	3.7	- 1.9	- 5.5	- 6.3	- 1.8	1.5	3.0	4.7	3.4

COMPONENTE ESTE en MV/Km.

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-42.6	-44.0	-42.6	-48.3	-49.7	-49.7	-46.9	-42.6	-45.4	-48.3	-42.6	-42.6	-44.0
2	-41.2	-44.0	-38.3	-38.3	-46.9	-39.8	-48.3	-39.8	-48.3	-39.8	-46.9	-42.6	-44.0
3	-39.8	-41.2	-42.6	-42.6	-45.4	-44.0	-42.6	-44.0	-44.0	-49.7	-	-	-
4	-28.4	-27.0	-27.0	-28.4	-34.1	-34.1	-29.8	-24.2	-25.6	-27.0	-27.0	-24.1	-32.7
5	-31.2	-29.8	-28.4	-27.0	-28.4	-28.4	-24.1	-29.8	-27.0	-49.7	-36.9	-72.4	-51.1
6	-28.4	-32.7	-25.6	-24.1	-29.8	-32.7	-36.9	-28.4	-34.1	-34.1	-36.9	-28.4	-29.8
7	-28.4	-31.2	-29.8	-31.2	-36.9	-36.9	-31.2	-31.2	-35.5	-35.5	-29.8	-29.8	-28.4
8	-25.6	-31.2	-28.4	-27.0	-31.2	-42.6	-31.2	-31.2	-34.1	-29.8	-29.8	-29.8	-25.6
9	-28.4	-31.2	-31.2	-32.7	-31.2	-45.4	-42.6	-32.7	-28.4	-55.4	-44.0	-32.7	-34.1
10	-29.8	-31.2	-29.8	-29.8	-38.3	-41.2	-36.9	-28.4	-28.4	-28.4	-25.6	-28.4	-29.8
11	-28.4	-28.4	-28.4	-28.4	-36.9	-35.5	-35.5	-25.6	-32.7	-34.1	-34.1	-31.2	-32.7
12	-27.0	-42.6	-29.8	-25.6	-25.6	-28.4	-28.4	-22.7	-27.0	-29.8	-32.7	-28.4	-27.0
13	-34.1	-31.2	-29.8	-29.8	-36.9	-36.9	-34.1	-31.2	-28.4	-29.8	-28.4	-28.4	-29.8
14	-24.1	-28.4	-28.4	-27.0	-32.7	-36.9	-29.8	-25.6	-28.4	-28.4	-28.4	-29.8	-28.4
15	-29.8	-31.2	-29.8	-29.8	-29.8	-36.9	-35.5	-28.4	-34.1	-28.4	-28.4	-34.1	-31.2
16	-28.4	-29.8	-29.8	-31.2	-36.9	-38.3	-32.7	-29.8	-29.8	-31.2	-34.1	-28.4	-25.6
17	-29.8	-29.8	-29.8	-31.2	-35.5	-39.8	-34.1	-38.3	-34.1	-41.2	-34.1	-34.1	-34.1
18	-36.9	-27.0	-27.0	-27.0	-32.7	-34.1	-28.4	-29.8	-27.0	-27.0	-29.8	-29.8	-28.4
19	-51.1	-46.9	-42.6	-42.6	-44.0	-46.9	-45.4	-49.7	-51.1	-51.1	-46.9	-46.9	-48.3
20	-44.0	-45.4	-45.4	-45.4	-49.7	-51.1	-54.0	-48.3	-41.2	-48.3	-48.3	-54.0	-52.5
21	-46.9	-48.3	-49.7	-48.3	-55.4	-56.8	-54.0	-49.7	-58.2	-49.7	-56.8	-54.0	-56.8
22	-56.8	-55.4	-56.8	-55.4	-59.6	-66.7	-62.5	-56.8	-55.4	-55.4	-59.6	-58.2	-58.2
23	-54.0	-54.0	-56.8	-58.2	-61.1	-63.9	-59.6	-56.8	-55.4	-55.4	-54.0	-55.4	-55.4
24	-49.7	-55.4	-54.0	-54.0	-59.6	-62.5	-51.1	-54.0	-58.2	-55.4	-51.1	-55.4	-62.5
25	-56.8	-58.2	-58.2	-56.8	-62.5	-61.1	-66.7	-61.1	-63.9	-71.0	-66.7	-63.9	-62.5
26	-52.5	-56.8	-55.4	-54.0	-52.5	-	-	-	-58.2	-56.8	-61.1	-56.8	-55.4
27	-58.2	-51.1	-52.5	-49.7	-55.4	-62.5	-55.4	-49.7	-54.0	-52.5	-52.5	-55.4	-55.4
28	-49.7	-54.0	-49.7	-48.3	-54.0	-58.2	-55.4	-51.1	-51.1	-49.7	-48.3	-49.7	-49.7
29	-46.9	-45.4	-45.4	-46.9	-45.4	-55.4	-54.0	-51.1	-52.5	-45.4	-46.9	-45.4	-48.3
30	-45.4	-45.4	-45.4	-52.5	-48.3	-56.8	-51.1	-45.4	-46.9	-45.4	-49.7	-45.4	-45.4
31	-42.6	-45.4	-44.0	-45.4	-52.5	-51.1	-52.5	-51.1	-	-42.6	-45.4	-44.0	-44.0
Prom	-39.2	-40.4	-39.1	-39.2	-43.2	-46.2	-43.0	-39.6	-41.3	-42.8	-41.9	-42.0	-41.7
Var.	1.9	0.7	2.0	1.9	- 2.1	- 5.1	- 1.9	1.5	- 0.2	- 1.7	- 0.8	- 0.9	- 0.6

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
6.0	6.0	1.5	1.5	1.5	4.5	4.5	1.5	3.0	3.0	3.0	4.2	0
6.0	1.5	- 6.4	- 3.2	3.0	4.5	3.0	- 3.2	- 1.6	1.5	3.0	3.2	1
-	-	-	-	-	-	-12.7	- 3.2	3.0	10.6	3.0	2.1	2
7.6	- 8.0	- 6.4	- 4.8	- 6.4	-11.1	- 3.2	1.5	10.6	12.1	7.6	2.9	1
3.0	-12.7	-14.3	- 1.6	3.0	3.0	3.0	- 1.6	- 1.6	3.0	1.5	2.7	1
- 3.2	- 6.4	-10.6	-10.6	- 4.8	- 1.6	- 3.2	- 3.2	- 3.2	- 1.6	- 3.2	- 2.9	1
1.5	- 1.6	- 4.8	- 3.2	- 1.6	3.0	1.5	1.5	3.0	3.0	- 1.6	- 0.7	0
1.5	- 4.8	- 4.8	- 4.8	1.5	9.1	- 3.2	- 3.2	9.5	3.0	3.0	0.1	1
- 1.6	- 1.6	- 1.6	- 6.4	- 3.2	1.5	4.5	1.5	4.5	6.0	3.0	0.9	1
- 1.6	- 1.6	- 8.0	-17.5	3.0	6.0	3.0	3.0	1.5	6.0	1.5	0.8	1
1.5	-11.1	- 4.8	- 3.0	- 1.6	- 1.6	- 9.5	4.5	1.5	1.5	1.5	- 0.4	1
1.5	- 6.4	- 6.4	- 8.0	1.5	1.5	- 1.6	1.5	3.0	6.0	3.0	2.3	1
4.5	- 1.6	- 4.8	- 4.8	- 3.2	- 3.2	- 1.6	3.0	1.5	3.0	3.0	0.3	1
3.0	3.0	1.5	- 1.6	1.5	6.0	3.0	3.0	4.5	6.0	3.0	1.7	0
3.0	- 4.8	- 1.6	3.0	6.0	9.0	6.0	3.0	6.0	9.1	1.6	3.4	0
6.0	- 1.6	- 1.6	- 1.6	- 1.6	3.0	1.5	3.0	1.5	1.5	- 1.6	3.9	1
- 1.6	- 4.8	- 4.8	- 3.2	- 1.6	- 1.6	1.5	3.0	4.5	6.0	6.0	1.9	1
1.5	- 1.6	- 1.6	- 4.8	6.0	3.0	9.1	9.1	12.1	13.6	7.6	4.9	1
1.5	- 4.8	- 9.5	- 8.0	1.5	1.5	- 3.2	- 1.6	3.0	1.5	- 1.6	1.8	2
1.5	- 3.2	- 6.4	- 6.4	- 8.0	- 8.0	- 6.4	- 6.4	- 3.2	- 3.2	- 4.8	- 3.4	1
- 8.0	-22.3	-17.5	- 9.5	- 6.4	- 4.8	- 4.8	- 6.4	- 4.8	- 4.8	-12.7	- 6.9	2
- 4.8	- 9.5	-12.7	-15.9	-12.7	- 9.5	- 9.5	- 8.0	- 4.8	- 8.0	- 6.4	- 8.0	1
- 6.4	-12.7	-11.1	-11.1	- 9.5	- 6.4	- 6.4	- 4.8	- 6.4	- 3.2	- 8.0	- 7.1	0
6.0	1.5	-11.1	-12.7	- 9.5	- 8.0	- 6.4	- 6.4	- 3.0	1.5	- 1.6	- 4.5	1
-15.9	-14.3	- 8.0	- 9.5	- 9.5	-11.1	- 9.5	- 9.5	-14.3	10.6	- 8.0	- 7.1	2
-11.1	- 4.8	- 3.2	-11.1	- 6.4	- 4.8	- 6.4	- 6.4	- 8.0	- 3.2	- 1.6	- 4.1	1
- 3.2	- 4.8	- 6.4	- 8.0	- 4.8	- 3.0	- 4.8	- 3.0	- 1.6	1.5	- 1.6	- 2.6	1
1.5	- 1.6	- 4.8	- 4.8	- 6.4	- 8.0	- 3.2	- 3.2	- 3.2	- 4.8	- 1.6	- 2.2	1
- 1.6	- 4.8	- 6.4	- 8.0	- 8.0	- 3.2	- 6.4	- 4.8	- 1.6	4.5	7.6	- 0.8	2
1.5	- 3.2	- 1.6	- 8.0	- 3.2	- 8.0	3.0	1.5	6.0	9.1	- 8.0	1.5	2
1.5	- 3.2	- 1.6	- 1.6	- 4.8	3.0	3.0	10.6	1.5	6.0	13.6	0.8	2
0.0	- 4.9	- 6.0	- 6.3	- 2.8	- 1.2	- 1.8	- 0.8	0.7	3.2	0.3	- 0.4	
0.4	- 4.5	- 5.6	- 5.9	- 2.4	- 0.8	- 1.4	- 0.4	1.1	3.6	0.7		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-44.0	-45.4	-44.0	-44.0	-46.9	-42.6	-46.9	-44.0	-42.6	-41.2	-44.0	-44.8	0
-42.6	-42.6	-44.0	-44.0	-44.0	-41.2	-44.0	-45.4	-44.0	-41.2	-45.4	-43.2	1
-	-	-	-	-	-	-25.6	-27.0	-28.4	-25.6	-28.4	-38.1	2
-29.8	-25.6	-28.4	-31.2	-34.1	-32.7	-31.2	-31.2	-31.2	-24.1	-31.2	-29.2	1
-48.3	-41.2	-24.1	-21.3	-22.7	-28.4	-21.3	-25.6	-29.8	-22.7	-27.0	-32.4	2
-36.9	-35.5	-34.1	-34.1	-28.4	-36.9	-31.2	-36.9	-31.2	-27.0	-31.2	-31.9	-
-28.4	-29.8	-32.7	-25.6	-31.2	-22.7	-27.0	-31.2	-29.8	-25.6	-31.2	-30.5	0
-32.7	-31.2	-29.8	-32.6	-29.8	-32.7	-29.8	-28.4	-29.8	-29.8	-32.7	-30.7	1
-31.2	-31.2	-28.4	-31.2	-31.2	-31.2	-31.2	-31.2	-29.8	-28.4	-29.8	-33.5	1
-31.2	-31.2	-31.2	-29.8	-32.7	-29.8	-31.2	-29.8	-29.8	-29.8	-36.9	-31.2	0
-34.1	-32.7	-31.2	-35.5	-34.1	-35.5	-34.1	-29.8	-34.1	-22.7	-28.4	-31.8	1
-32.7	-24.1	-27.0	-29.8	-27.0	-29.8	-27.0	-28.4	-35.5	-24.1	-34.1	-28.9	1
-28.4	-28.4	-28.4	-21.3	-18.5	-24.1	-25.6	-25.6	-25.6	-25.6	-28.4	-28.7	1
-28.4	-25.6	-28.4	-31.2	-31.2	-31.2	-31.2	-32.7	-34.1	-28.4	-34.1	-29.7	1
-34.1	-28.4	-29.8	-28.4	-27.0	-32.7	-31.2	-31.2	-29.8	-28.4	-32.7	-30.9	1
-34.1	-38.3	-35.5	-34.1	-31.2	-31.2	-36.9	-39.8	-31.2	-29.8	-36.9	-32.7	1
-29.8	-28.4	-32.7	-31.2	-24.1	-31.2	-28.4	-31.2	-31.2	-25.6	-31.2	-32.1	2
-29.8	-29.8	-22.7	-32.7	-32.7	-36.9	-42.6	-24.6	-42.6	-38.3	-45.4	-32.5	1
-48.3	-48.3	-48.3	-52.5	-48.3	-54.0	-46.9	-48.3	-48.3	-39.8	-45.4	-47.6	1
-59.6	-54.0	-54.0	-58.2	-55.4	-51.1	-56.8	-51.1	-49.7	-46.9	-52.5	-50.7	1
-54.0	-54.0	-54.0	-56.8	-58.2	-55.4	-61.1	-56.8	-51.1	-55.4	-58.2	-54.2	1
-55.4	-55.4	-59.6	-61.2	-58.2	-	-	-	-	-58.4	58.4	-58.2	1
-58.2	-55.4	-55.4	-54.0	-58.2	-55.4	-56.8	-52.5	-51.1	-52.5	-55.4	-56.0	1
-56.8	-81.0	-73.8	-66.7	-71.0	-69.6	-69.6	-59.6	-59.6	-56.8	-58.2	-60.2	-
-59.6	-52.5	-54.0	-56.8	-58.2	-58.2	-65.3	-55.4	-51.1	-54.0	-58.2	-59.7	1
-62.5	-54.0	-56.8	-62.5	-54.0	-59.6	-56.8	-56.8	-58.2	-55.4	-51.1	-56.5	1
-52.5	-54.0	-52.5	-54.0	-51.1	-56.8	-51.1	-48.3	-52.5	-46.9	-54.0	-53.2	0
-49.7	-42.6	-48.3	-49.7	-49.7	-58.2	-54.0	-48.3	-45.4	- 46.9	-54.0	-50.6	1
-48.3	-46.9	-45.4	-46.9	-45.4	-48.3	-46.9	-42.6	-44.0	-44.0	-42.6	-47.1	1
-42.6	-44.0	-44.0	-44.0	-44.0	-45.4	-48.3	-44.0	-44.0	-42.6	-45.4	-46.3	1
-44.0	-36.9	-38.3	-44.0	-42.6	-38.3	-42.6	-39.8	-35.5	-35.5	-54.0	-44.0	2
-42.3	-40.9	-40.6	-41.2	-40.7	-41.4	-41.1	-39.8	-39.4	-37.2	-41.8	-41.1	
- 1.2	0.2	0.5	- 0.1	0.4	- 0.3	0.0	1.3	1.7	3.9	- 0.7		

PRESIÓN ATMOSFÉRICA

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	60.1	59.9	60.0	60.3	60.4	60.7	61.4	61.7	61.9	62.0	61.6	61.1	60.5	60.1	60.1
2	60.0	59.2	58.8	58.8	59.0	59.8	60.0	59.8	59.8	59.6	59.4	58.8	58.1	57.8	57.1
3	56.1	56.1	56.0	56.2	56.2	56.4	57.1	57.4	57.9	57.6	57.3	57.0	56.4	56.0	56.0
4	58.3	58.3	58.7	58.9	59.0	59.4	59.6	59.6	59.4	59.2	58.9	58.4	57.4	56.7	56.2
5	52.1	51.5	50.5	49.6	48.8	48.4	48.5	50.6	48.5	47.7	47.3	47.4	47.5	46.6	45.7
6	48.8	48.8	48.8	49.5	49.6	50.3	51.3	50.9	51.5	52.2	52.2	51.9	52.3	52.6	52.6
7	55.9	55.8	55.5	55.5	56.1	56.4	57.2	58.0	58.3	58.5	58.1	58.6	58.5	58.6	58.4
8	59.1	58.7	59.0	59.2	59.3	59.8	60.0	60.3	60.4	60.2	59.8	59.3	59.1	58.5	58.1
9	59.9	59.5	59.4	59.6	60.0	60.4	61.3	61.4	61.7	61.7	61.4	61.2	60.9	60.4	60.0
10	60.4	60.1	59.9	59.8	60.1	60.8	61.1	61.6	61.7	62.0	61.4	61.2	61.2	61.1	60.2
11	64.7	64.9	65.0	65.8	66.0	66.6	66.8	68.0	68.1	68.2	67.8	67.5	67.1	66.6	66.5
12	67.6	67.6	67.5	67.5	67.7	68.1	68.3	69.4	69.6	69.2	69.2	69.2	68.8	68.1	67.9
13	68.5	68.2	68.1	68.0	68.0	68.1	68.6	68.8	68.8	68.7	68.0	67.3	67.1	66.2	66.0
14	65.2	65.0	65.0	65.0	65.2	65.5	65.7	66.0	65.7	65.7	65.4	65.1	64.6	64.4	64.2
15	64.5	64.5	64.4	64.4	64.9	65.2	65.5	66.0	66.1	66.6	65.6	65.6	65.5	65.0	64.8
16	65.6	65.6	65.7	65.7	65.6	65.7	66.0	65.7	65.7	66.0	65.6	65.2	64.5	63.7	63.0
17	63.9	63.2	63.1	62.5	62.5	62.5	62.4	61.6	61.8	63.2	61.6	60.1	59.8	58.8	58.9
18	58.6	58.7	58.3	58.6	58.7	58.9	58.9	58.8	58.6	58.3	58.3	58.0	57.7	57.2	56.6
19	54.9	54.6	54.1	54.1	54.1	54.3	55.0	55.2	55.4	55.5	55.3	55.1	55.0	54.6	54.1
20	55.1	55.0	55.0	55.1	55.3	56.0	56.4	57.1	57.1	57.1	57.1	57.0	56.9	56.8	56.6
21	57.7	57.5	57.4	57.3	57.9	58.2	58.8	59.2	59.2	59.1	59.0	58.9	58.7	58.6	58.2
22	59.1	59.0	58.9	59.2	59.6	59.5	59.8	60.4	59.8	59.9	59.6	59.5	59.1	58.8	58.2
23	59.0	58.5	58.6	58.8	59.2	59.3	59.6	59.8	59.9	60.2	60.1	60.0	59.8	59.2	58.9
24	60.1	59.9	59.7	60.0	60.7	61.0	61.2	61.3	61.2	61.5	61.6	62.1	61.9	61.4	59.1
25	58.7	58.6	58.6	58.5	58.8	59.1	59.4	59.4	59.4	58.9	58.4	57.9	57.3	59.5	56.2
26	56.0	56.0	55.8	55.8	55.7	56.0	56.3	56.9	56.8	56.7	56.5	56.0	56.1	56.0	56.0
27	57.2	57.2	57.3	57.2	57.7	58.2	58.8	59.4	59.4	59.8	59.8	59.7	59.6	59.5	59.5
28	62.8	63.2	63.6	64.0	64.9	65.4	65.8	65.8	65.7	65.6	66.2	65.8	65.6	65.1	64.8
29	63.4	62.9	62.8	62.4	62.4	62.7	63.6	63.5	62.4	61.8	61.4	60.9	60.5	60.0	59.1
30	58.6	58.0	57.6	57.3	57.3	58.4	59.7	59.0	58.6	58.9	58.1	57.2	57.2	56.6	56.8
31	58.7	58.4	58.3	58.2	58.3	58.5	58.6	58.4	57.9	57.8	57.1	56.5	55.9	55.0	54.5
Prom	59.7	59.5	59.4	59.4	59.6	60.0	60.4	60.7	60.3	60.6	60.3	60.0	59.7	59.3	58.8

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	13.2	12.7	12.2	11.2	10.4	10.5	10.6	10.9	11.2	11.6	12.8	13.6	15.1	15.7	16.3
2	6.7	5.6	5.4	5.0	4.5	4.0	4.7	5.9	7.6	10.7	13.9	15.4	17.4	18.3	18.4
3	9.8	9.3	8.9	8.3	8.1	8.0	11.4	15.5	17.6	19.5	21.4	22.8	24.1	24.5	24.5
4	13.4	12.8	12.3	11.3	11.5	11.0	12.7	16.2	18.1	18.8	20.5	21.5	22.9	23.8	23.0
5	18.4	18.1	17.8	17.3	17.1	17.2	17.4	17.4	16.1	15.9	15.6	15.7	15.8	15.8	15.8
6	15.6	15.5	15.3	14.9	14.6	14.4	14.4	16.5	17.0	18.4	20.4	21.1	21.5	20.9	21.3
7	8.3	7.5	7.3	7.2	6.4	6.3	10.4	15.5	18.4	19.8	20.2	21.0	21.2	21.5	20.5
8	13.3	13.1	12.5	12.5	12.3	12.4	12.8	14.7	17.5	18.2	18.9	19.3	20.3	19.3	20.2
9	10.1	9.8	9.2	8.5	8.6	9.0	11.6	15.3	17.7	19.2	20.1	20.7	21.6	21.9	22.2
10	11.8	11.4	11.2	11.0	10.2	10.3	13.2	16.3	18.1	18.5	19.8	20.7	20.9	20.1	19.3
11	6.4	5.3	4.8	3.8	3.8	3.9	7.6	10.7	12.2	13.7	13.9	15.0	15.3	15.4	15.3
12	4.2	3.5	2.3	1.3	0.3	0.3	7.0	10.5	12.2	13.5	14.0	14.4	15.2	14.5	14.9
13	9.1	9.1	9.5	9.7	9.7	8.9	9.1	9.9	11.3	13.7	14.6	15.2	15.4	15.9	15.5
14	8.1	8.1	8.1	7.7	7.0	7.0	9.0	13.5	15.1	16.3	16.3	17.1	18.2	17.7	16.3
15	5.4	4.9	4.0	3.2	3.1	3.1	9.1	14.0	15.3	16.1	17.0	17.5	17.9	17.5	17.0
16	9.7	9.3	9.1	9.3	9.4	9.4	13.1	14.1	15.3	16.1	17.2	16.8	18.5	18.7	18.8
17	12.9	12.3	12.1	11.8	11.9	12.8	13.4	15.2	16.0	15.9	18.1	18.3	18.2	18.6	18.2
18	16.0	16.0	16.0	15.9	15.3	15.4	15.2	15.0	15.0	15.3	15.8	16.5	18.1	18.2	18.5
19	14.2	13.9	13.5	13.4	12.8	12.4	11.9	11.6	11.8	12.9	13.9	14.9	15.4	15.2	14.7
20	10.6	11.1	10.6	11.4	11.7	11.7	12.5	14.0	16.4	16.7	16.8	19.2	19.2	19.3	19.3
21	10.9	9.7	9.7	8.7	8.7	9.2	12.5	15.5	19.2	20.1	21.5	21.3	21.8	22.3	23.2
22	13.1	12.7	11.2	10.0	10.7	11.6	15.2	19.0	21.9	23.2	24.7	25.2	25.6	26.0	26.3
23	16.4	16.2	15.0	15.0	15.4	15.5	20.1	21.2	23.2	23.6	24.4	25.7	26.4	26.8	26.8
24	18.0	18.0	17.5	17.3	17.7	18.7	21.3	19.4	23.4	24.5	20.5	15.7	15.4	15.4	15.8
25	10.9	9.0	9.6	8.4	7.8	14.4	15.0	18.2	18.0	20.0	21.9	23.1	24.1	24.4	24.1
26	16.3	15.6	15.2	15.2	15.2	15.8	17.8	17.8	20.0	22.5	24.7	25.2	25.3	22.0	22.7
27	15.0	13.1	13.2	13.0	13.7	13.8	15.2	14.2	15.2	15.9	16.6	17.3	17.8	17.9	18.5
28	12.4	11.3	10.8	10.4	10.0	10.2	12.8	14.5	16.3	17.5	18.1	18.3	18.2	18.1	17.6
29	11.1	10.1	10.0	9.8	9.0	9.8	12.5	15.0	17.1	17.9	20.2	21.0	21.6	21.4	22.1
30	14.2	14.0	14.0	14.1	14.3	14.4	15.7	15.8	16.8	18.5	20.4	22.9	24.4	24.6	24.3
31	11.9	11.3	11.0	10.3	9.5	9.4	12.9	15.8	16.8	17.7	17.8	17.6	18.9	19.2	19.3
Prom	11.8	11.3	10.9	10.5	10.3	10.7	12.8	14.8	16.4	17.5	18.4	19.0	19.7	19.7	19.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.8	59.7	59.6	59.5	60.1	60.3	60.4	60.5	60.2	62.0	10	59.5	19	2.5	760.5 mm.	1014.0 mb.
56.9	56.7	56.1	55.9	56.2	56.4	56.2	56.2	56.2	60.2	0	55.9	19	4.3	58.[illegible]	1010.6
55.9	56.0	56.4	56.9	57.4	57.8	57.7	57.9	58.3	58.3	24	55.9	16	2.4	56.8	1009.0
55.7	55.4	55.2	54.7	55.0	55.1	54.4	54.2	53.5	59.6	7,8	53.5	24	6.1	57.1	1009.4
45.8	45.6	45.8	46.3	48.6	49.7	48.8	48.2	47.9	53.5	0	45.6	17	7.9	48.2	997.6
52.6	52.8	53.3	53.6	54.4	54.6	54.7	55.2	55.5	55.5	24	47.9	0	7.6	52.1	1002.8
58.2	58.4	58.5	58.5	58.6	59.3	59.4	59.5	59.5	59.5	23,24	55.5	0,3,4	4.0	57.9	1010.5
58.1	58.3	58.3	58.9	59.2	59.6	59.8	59.9	59.9	60.4	9	58.1	15,16	2.3	59.3	1012.4
59.8	59.6	59.6	59.6	59.9	60.0	59.9	60.2	60.4	61.7	9,10	59.4	3	2.3	60.3	1013.7
61.1	61.8	61.8	62.0	62.8	63.6	64.0	64.7	64.7	64.7	23,24	59.8	4	4.9	61.1	1014.8
66.6	66.7	67.0	67.6	68.0	68.4	68.3	68.4	67.6	68.4	21,22	64.7	0,1	3.7	67.0	1022.6
67.9	68.1	68.3	68.4	68.4	68.6	68.6	68.5	67.8	69.6	9	67.7	15-16	1.9	68.3	1024.4
65.9	65.9	65.9	66.2	66.2	66.0	65.9	65.9	65.6	68.8	8,9	65.6	24	3.2	67.2	1022.9
63.9	63.9	64.0	64.3	64.6	64.7	64.8	65.0	64.9	66.0	8	63.9	16,17	2.1	64.9	1019.8
64.8	64.7	64.7	65.2	65.4	65.6	65.5	65.6	65.6	66.1	10	64.4	3-4	1.7	65.2	1020.2
62.6	62.4	62.6	62.8	63.2	63.7	63.2	63.2	63.8	66.0	7,10	62.4	17	3.6	64.4	1019.2
59.0	59.2	59.4	59.4	59.5	59.3	59.4	59.3	58.8	63.9	1	58.8	14,24	5.1	60.8	1014.4
56.3	55.9	55.8	56.1	56.2	56.1	56.0	55.9	55.8	58.9	6,7	55.8	18,24	3.1	57.4	1009.8
53.9	54.1	54.2	54.3	54.6	55.1	55.1	55.3	55.2	55.8	0	53.9	16	1.9	54.8	1006.4
56.6	56.9	57.2	57.3	57.6	57.9	58.1	58.1	58.1	58.1	22,23,24	55.0	2,3	3.1	56.7	1008.9
57.9	58.0	58.1	58.7	58.8	58.9	59.0	59.3	59.2	59.3	23	57.3	4	2.0	58.5	1011.3
58.0	58.0	58.0	58.8	59.0	59.3	59.2	59.1	59.0	60.4	8	58.0	16,17,18	2.4	59.1	1012.1
58.7	58.6	58.6	59.0	59.6	60.4	60.1	60.6	60.1	60.6	23	58.5	2	2.1	59.4	1012.5
59.4	59.3	59.5	59.6	59.8	59.7	59.5	59.4	58.9	62.4	12-13	59.1	15	3.3	60.3	1013.7
56.0	56.1	56.2	56.2	55.8	55.7	55.7	55.8	55.7	59.4	7,8,9	55.7	21,22,24	3.7	57.6	1010.1
56.1	56.2	56.2	56.5	56.8	57.3	57.4	57.5	57.4	57.5	23	55.7	0,5	1.8	56.4	1008.5
59.6	60.1	60.5	61.1	61.6	61.7	61.9	62.1	62.7	62.7	24	57.2	1,2,4	5.5	59.6	1012.8
64.4	64.4	64.4	64.6	64.6	64.5	64.2	64.0	63.6	65.8	7,8	62.7	0	3.1	64.7	1019.6
58.7	58.6	58.5	58.9	59.0	59.2	59.2	58.8	58.6	63.6	0	58.6	24	5.0	60.8	1014.4
56.8	57.0	57.0	57.7	58.2	59.6	59.8	59.8	59.7	59.9	6-7	56.7	16-17	3.2	58.1	1010.8
53.6	52.6	52.6	52.5	52.0	52.1	51.3	51.4	51.2	59.7	0	51.2	24	8.5	55.5	1007.3
58.7	58.7	58.8	59.1	59.4	59.7	59.6	59.7	59.5	61.6		57.9		3.7	59.6	1012.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.9	15.6	14.0	11.6	10.6	10.3	9.3	8.5	7.6	16.3	15	7.6	24	8.7	12.1
18.3	18.0	15.6	13.0	10.6	10.1	9.6	10.1	9.7	18.4	15	4.0	6	14.4	10.8
24.5	23.5	21.6	18.9	17.2	16.1	15.2	14.4	14.8	24.7	15-16	8.0	6	16.7	16.7
22.0	21.1	19.4	18.3	18.0	17.2	17.7	18.3	18.7	24.0	13-14	11.0	6	13.0	17.5
16.1	16.4	16.4	16.0	16.0	16.1	16.0	15.5	15.9	18.7	0	15.5	23	3.2	16.5
21.1	20.0	17.2	14.7	12.8	11.5	10.3	9.8	8.6	21.5	15-16	8.6	24	12.9	16.2
20.6	20.0	17.6	14.7	12.4	11.8	11.5	11.6	12.1	21.8	13-14	6.3	6	15.5	14.2
19.7	19.2	17.8	14.8	13.0	12.7	12.0	11.1	10.8	20.6	13-14	10.3	23-24	10.3	15.4
22.1	21.2	18.6	15.1	14.0	12.9	11.8	11.7	11.8	22.2	15	8.4	4-5	13.8	15.2
15.0	13.4	13.4	13.2	12.4	11.7	10.8	9.9	8.1	20.9	13	8.1	24	12.8	14.2
15.3	14.3	12.4	10.0	7.9	6.9	6.2	5.5	5.0	15.6	14-15	3.7	5-6	11.9	9.6
14.1	12.3	11.5	10.9	9.7	8.9	8.6	8.4	8.4	15.5	13-14	0.3	5-6	15.2	9.2
15.4	14.9	13.7	11.9	10.6	10.0	9.5	8.8	8.2	15.9	14	8.2	24	7.7	11.6
16.6	15.7	14.3	13.0	12.0	11.6	9.0	7.9	6.6	17.7	14	6.6	24	11.1	12.2
16.5	16.0	14.2	12.4	11.2	9.5	8.5	9.6	10.5	17.9	13	3.0	5-6	14.9	11.4
18.2	17.3	16.1	15.2	15.0	15.0	14.5	14.4	13.4	18.8	15	9.1	3	9.7	14.3
17.9	17.2	16.7	16.5	16.4	16.8	16.8	16.8	16.3	17.9	16	11.8	4	6.1	15.7
18.7	18.6	17.6	16.8	16.0	15.3	15.1	15.2	14.9	18.7	16	14.9	24	3.8	16.3
15.8	15.5	14.4	13.1	12.0	10.8	9.4	9.6	10.3	15.8	16	9.4	22	6.4	13.0
20.2	19.5	17.6	15.5	14.0	13.3	12.5	12.0	11.4	20.2	16	10.3	0	9.9	14.8
23.2	23.0	20.8	18.3	16.0	14.6	13.0	12.6	12.9	23.3	16-17	8.7	4,5	14.6	16.2
26.3	24.2	22.3	20.9	19.6	18.5	18.1	17.5	17.2	26.3	15,16	9.8	4-5	16.5	19.2
26.5	25.7	24.2	21.0	19.8	20.2	18.6	18.8	18.5	26.8	14,15	14.7	4-5	12.1	21.0
18.5	18.6	17.8	16.9	15.6	15.3	13.4	12.7	11.8	24.5	10	11.8	24	12.7	17.4
23.4	22.5	20.4	19.3	18.9	18.5	18.2	16.4	16.9	24.4	14	7.8	5	16.7	17.6
22.7	21.8	21.2	19.4	18.0	16.8	16.5	15.4	15.6	26.0	13-14	15.4	23	10.6	19.1
18.5	18.6	17.5	16.0	15.0	14.5	14.1	13.4	13.2	18.6	17	13.0	4	5.6	15.5
17.1	16.7	14.9	13.8	13.4	13.1	12.7	12.2	11.9	18.3	12	10.0	5	8.3	14.3
21.8	20.4	19.0	17.3	16.0	15.4	13.9	13.1	14.0	22.1	15	9.0	5	13.1	15.8
24.1	22.4	20.2	17.7	16.0	14.9	13.9	13.9	12.2	25.1	14-15	12.2	24	12.9	17.6
19.6	19.4	18.2	16.9	16.8	17.2	17.3	16.6	14.7	19.8	16-17	9.4	6	10.4	15.7
19.5	18.8	17.3	15.6	14.4	13.8	13.0	12.6	12.3	20.6		9.3		11.3	15.0

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	96	97	98	97	99	100	100	86	84	83	78	73	69	68	67
2	95	97	97	98	98	100	100	100	100	83	75	67	57	60	67
3	91	91	94	96	97	98	77	76	69	63	60	55	51	50	54
4	94	94	95	95	95	94	83	83	82	80	76	75	70	70	70
5	79	79	81	83	83	81	79	80	94	96	97	98	99	100	100
6	100	98	98	99	100	100	100	87	81	63	54	53	48	47	47
7	100	100	100	100	100	100	94	82	54	50	43	47	41	41	43
8	89	88	88	85	84	86	83	82	78	74	69	66	61	54	62
9	100	100	100	100	100	94	84	78	73	65	66	68	67	69	66
10	91	91	95	98	98	99	79	79	73	76	66	64	61	61	66
11	97	100	100	100	100	100	79	64	46	43	45	40	40	39	41
12	100	100	100	100	100	100	58	60	59	58	57	54	53	53	50
13	89	84	87	89	91	92	92	92	84	72	67	62	59	66	64
14	100	100	100	100	100	100	83	84	75	64	67	65	63	61	69
15	100	100	100	100	100	100	84	84	74	71	66	57	58	57	57
16	83	82	81	89	93	87	67	67	61	60	56	54	51	49	49
17	77	82	82	84	84	82	76	70	65	67	61	58	60	60	69
18	82	86	88	89	96	97	100	100	100	99	93	88	81	80	78
19	100	100	100	100	100	100	100	100	95	87	83	81	83	83	84
20	100	100	100	100	100	100	100	100	88	92	86	80	74	77	77
21	100	100	100	100	100	100	100	100	82	76	64	66	65	62	59
22	100	100	100	100	100	100	100	88	66	56	54	55	53	54	54
23	90	91	100	100	95	97	85	78	75	70	67	56	56	56	56
24	93	95	97	98	98	93	84	81	67	79	99	100	100	96	89
25	96	97	98	98	99	100	95	87	87	83	78	74	66	63	61
26	95	98	98	98	98	99	95	96	79	69	65	63	62	84	92
27	100	99	98	97	96	95	94	93	87	87	83	81	77	81	80
28	91	96	99	100	100	98	83	74	69	65	63	62	68	67	59
29	80	86	89	94	99	89	83	77	73	64	59	54	53	52	49
30	90	90	93	94	96	96	100	100	95	82	72	61	61	62	62
31	96	96	97	98	98	94	79	73	80	72	72	67	65	63	63
Prom.	93	94	95	96	97	96	88	84	77	72	69	66	64	64	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	11.0	10.5	10.0	9.5	9.0	9.0	9.0	8.5	8.0	8.0	8.5	8.0	8.5	9.1	9.0
2	6.8	6.6	6.4	6.2	6.0	5.8	6.2	6.5	7.6	7.8	8.5	8.5	8.5	9.4	10.5
3	8.0	8.0	7.8	7.8	7.8	7.8	7.8	10.0	10.0	10.5	10.5	10.5	11.5	11.5	12.0
4	10.5	10.0	9.5	9.0	9.0	9.0	9.0	11.4	12.5	12.5	14.0	13.5	13.5	15.4	14.0
5	12.0	12.0	12.5	12.0	12.0	12.0	11.5	11.8	12.5	13.0	12.5	13.0	13.0	12.7	13.0
6	12.5	12.5	12.5	12.0	12.0	11.5	11.5	12.2	11.5	9.5	9.0	9.5	9.0	8.9	9.0
7	7.8	7.4	7.4	7.2	7.0	7.0	8.5	10.8	8.0	8.0	7.4	8.5	7.8	8.0	7.6
8	10.0	9.5	9.5	8.5	8.5	9.0	9.0	10.3	11.5	11.0	11.0	11.0	11.0	9.1	11.0
9	9.0	8.5	8.0	8.0	8.0	7.8	8.0	10.2	10.5	10.0	11.5	12.0	13.0	13.4	13.5
10	9.5	9.0	9.0	9.5	9.0	9.0	8.5	10.9	11.0	12.0	11.5	11.0	11.5	10.8	11.0
11	7.0	6.4	6.2	5.8	5.8	5.8	6.0	6.3	5.0	4.8	5.0	4.8	4.8	5.2	4.8
12	6.0	5.6	5.2	4.8	4.4	4.4	4.2	5.7	6.0	6.6	6.8	6.4	6.6	6.6	6.0
13	7.4	7.0	8.0	8.5	8.5	7.8	7.8	8.4	8.0	8.5	8.0	8.0	7.4	9.0	8.0
14	7.8	7.8	7.8	7.6	7.2	7.2	7.2	9.7	9.0	8.5	9.0	9.0	9.5	9.2	9.0
15	6.4	6.2	5.8	5.6	5.4	5.4	7.0	10.0	9.5	9.5	9.5	8.5	8.5	8.5	8.0
16	7.4	7.2	7.0	7.6	8.0	7.6	7.6	8.0	8.0	7.8	8.5	7.4	8.0	7.8	7.6
17	8.5	8.5	8.5	8.5	8.5	9.0	9.0	9.0	8.5	9.0	9.5	9.0	9.0	9.6	10.5
18	11.0	11.5	11.5	11.5	12.5	12.5	12.5	12.7	12.0	12.5	12.0	12.0	13.5	12.5	12.0
19	11.5	11.5	11.0	11.0	10.5	10.5	10.0	10.2	9.5	9.5	9.5	10.0	10.5	10.6	10.0
20	9.0	9.5	9.0	9.5	10.0	10.0	10.5	11.9	13.5	13.0	12.0	12.5	12.0	12.8	12.5
21	9.5	8.5	8.5	8.0	8.0	8.0	10.5	13.1	13.5	12.5	12.0	12.5	12.0	12.5	12.0
22	10.5	10.5	9.5	9.0	9.0	9.5	12.5	14.4	13.0	12.0	12.0	12.5	12.5	13.4	13.0
23	12.0	12.5	12.0	12.0	12.0	12.5	14.0	15.7	15.0	14.5	15.0	14.0	14.5	14.5	15.0
24	14.0	14.0	14.0	14.0	14.5	14.5	15.5	13.6	14.5	17.5	17.5	12.5	12.5	12.5	11.5
25	9.5	8.0	8.5	8.0	7.6	11.5	12.0	13.4	13.5	14.0	15.0	15.0	15.0	14.3	14.0
26	12.5	12.5	12.5	12.5	12.5	13.0	14.0	14.5	13.5	13.5	14.5	15.0	15.0	16.5	19.0
27	12.0	11.0	11.0	10.5	11.0	10.5	11.5	11.2	11.0	11.5	11.5	12.0	11.5	12.1	12.0
28	9.5	9.5	9.0	9.0	8.5	9.0	9.0	9.1	10.0	9.0	9.5	9.5	10.5	10.4	8.5
29	7.6	8.0	7.8	8.0	8.0	7.8	8.5	9.7	10.5	9.5	10.0	9.5	10.0	9.8	9.0
30	10.5	10.0	11.0	11.0	11.5	11.5	12.5	13.3	13.0	13.0	12.5	13.0	14.0	14.3	14.0
31	10.0	9.5	9.5	9.0	8.5	8.5	8.5	9.7	11.0	10.5	11.0	10.0	11.0	10.4	10.0
Prom.	9.6	9.3	9.2	9.1	9.0	9.2	9.6	10.7	10.7	10.6	10.8	10.6	10.8	11.0	10.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
66	66	82	85	84	84	84	88	93	100	6,7	66	16,17	34	84
66	75	81	86	93	94	91	91	91	100	varios	57	13	43	86
58	64	75	87	92	93	93	94	94	98	6	50	14	48	78
72	73	81	87	90	90	81	80	78	95	3,4,5	70	varios	25	83
100	100	100	100	100	100	100	100	100	100	varios	78	0	22	93
50	55	66	81	90	94	97	98	99	100	varios	47	14,15	53	79
43	50	69	75	86	89	91	97	97	100	varios	41	13,14	59	75
70	75	84	89	93	94	93	100	100	100	23,24	54	14	46	81
64	64	76	87	93	97	97	97	93	100	varios	64	16,17	36	83
82	90	90	89	86	94	87	87	89	99	6	61	13,14	38	82
45	50	66	72	89	94	98	99	100	100	varios	39	14	61	73
54	57	63	64	76	84	85	91	94	100	varios	50	15	50	74
66	66	73	76	89	94	98	98	99	99	24	59	13	40	81
65	66	73	77	83	89	100	100	100	100	varios	61	14	39	83
57	58	66	69	82	95	99	90	85	100	varios	57	varios	43	80
57	67	73	80	82	83	82	76	75	93	5	49	14,15	44	71
74	79	83	85	85	81	80	80	82	85	20,21	58	12	27	75
78	78	81	94	100	100	100	100	100	100	varios	78	varios	22	91
81	83	89	96	100	100	100	100	100	100	varios	81	12,16	19	94
74	78	89	100	100	100	100	100	100	100	varios	74	13,16	26	92
58	65	80	88	100	100	100	100	100	100	varios	58	16	42	86
52	66	73	75	79	87	89	90	89	100	varios	52	16	48	78
56	56	73	85	85	75	78	84	89	100	3,4	56	varios	44	77
78	78	83	94	93	94	94	95	96	100	12,13	67	9	33	90
58	64	77	84	88	95	97	97	95	100	6	58	16	42	85
82	88	82	86	100	100	100	100	100	100	varios	62	13	38	89
79	75	84	89	93	94	96	99	90	100	0,1	75	17	25	89
71	72	75	80	80	80	80	87	88	100	4,5	59	15	41	79
52	56	69	77	89	94	99	99	90	99	varios	49	15	50	76
66	71	74	68	81	84	89	95	95	100	7,8	61	12,13	39	82
64	70	80	84	92	94	92	100	100	100	23,24	63	14,15	37	83
66	70	78	84	89	92	92	94	94	99		60		39	82

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	8.5	9.5	8.0	8.1	7.6	7.2	7.2	7.2	11.0	1	7.2	varios	3.8	8.7
10.5	11.0	10.5	9.5	8.8	8.5	8.0	8.5	8.0	11.0	17	5.8	6	5.2	8.1
13.0	13.5	13.0	14.0	13.4	12.5	12.0	11.0	11.5	14.0	19	7.8	varios	6.2	10.6
14.0	13.5	13.5	13.5	13.8	12.5	12.5	12.0	12.0	15.4	14	9.0	varios	6.4	12.1
13.0	13.5	13.5	13.0	13.5	13.0	13.0	12.5	13.0	13.5	varios	11.5	7	2.0	12.6
8.5	9.0	9.5	10.0	10.0	9.0	9.0	8.5	8.0	12.5	varios	8.0	24	4.5	10.2
7.6	8.0	10.0	9.0	9.2	9.0	9.0	9.5	10.0	10.8	8	7.0	5,6	3.8	8.3
11.5	12.0	12.5	11.0	10.4	10.0	9.5	9.5	9.0	12.5	18	8.5	4,5	4.0	10.2
12.5	11.5	12.0	11.0	11.8	10.5	10.0	10.0	9.5	13.5	15	7.8	6	5.7	10.2
10.5	10.0	10.0	9.5	9.2	9.0	8.0	7.8	7.0	12.0	10	7.0	24	5.0	9.8
5.4	5.8	7.2	6.6	7.1	6.8	6.8	6.6	6.2	7.2	18	4.8	varios	2.4	5.9
6.2	6.0	6.2	6.0	7.0	7.0	6.8	7.6	7.6	7.6	23,24	4.2	7	3.4	6.1
8.0	7.8	8.5	8.0	8.6	8.5	8.5	8.0	7.8	9.0	14	7.0	2	2.0	7.9
8.5	9.0	8.5	8.5	8.7	8.5	8.0	7.6	7.0	9.7	8	7.0	24	2.7	8.3
8.0	7.8	8.0	7.2	8.2	8.0	8.0	7.8	7.8	10.0	8	5.4	5,6	4.6	7.7
9.0	9.5	9.5	9.5	10.4	10.5	10.0	9.5	8.0	10.5	21	7.0	3	3.5	8.4
11.0	11.0	11.0	11.5	11.8	11.5	11.0	11.0	11.0	11.8	20	8.5	varios	3.3	9.8
12.0	12.0	12.0	13.0	13.5	12.5	12.5	12.5	12.0	13.5	13,20	11.0	1	2.5	12.2
11.0	10.5	10.5	10.5	10.5	9.0	8.5	8.5	9.0	11.5	1,2	8.5	22,23	3.0	10.2
12.5	13.0	13.0	12.5	11.9	11.0	10.5	10.0	9.5	13.5	9	9.0	1,3	4.5	11.3
12.0	12.0	14.0	14.5	13.5	12.0	10.5	10.5	10.5	14.5	19	8.0	varios	6.5	11.2
13.0	15.5	14.5	13.0	13.4	13.5	13.5	13.0	12.5	15.5	17	9.0	4,5	6.5	12.3
14.5	14.0	16.0	15.0	14.6	12.5	12.0	13.0	13.0	16.0	18	12.0	varios	4.0	13.7
12.0	12.0	12.0	13.0	11.5	12.0	10.5	10.0	9.5	17.5	10,11	9.5	24	8.0	13.1
12.0	12.5	13.5	13.5	14.3	14.5	15.0	13.5	13.0	15.0	varios	7.6	5	7.4	12.5
16.5	17.0	15.5	14.5	15.4	13.5	13.5	12.5	12.5	19.0	15	12.5	varios	6.5	14.2
12.0	11.5	12.0	11.5	11.9	11.0	11.5	11.0	9.5	12.1	14	9.5	24	2.6	11.3
10.5	10.0	9.0	9.0	9.2	8.5	8.5	9.0	9.0	10.5	13,16	8.5	varios	2.0	9.3
10.0	10.0	11.0	7.6	12.1	12.0	11.5	10.5	10.0	12.1	20	7.6	1,19	4.5	9.5
15.0	14.5	13.5	10.0	11.0	10.5	10.0	10.0	9.5	15.0	16	9.5	24	5.5	12.0
10.5	11.0	12.0	11.5	13.0	13.5	13.5	13.5	12.0	13.5	varios	8.5	varios	5.0	10.7
11.0	11.1	11.3	10.8	11.2	10.6	10.3	10.1	9.7	12.6		8.2		4.4	10.3

VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0-1		1-2		2-3		3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15	
DÍAS	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	SE	11	SE	10	SE	9	SE	9	SE	11	SE	13	SE	11	SE	13	SE	16	SE	11	SE	12	SE	12	SE	12	SE	11	SE	10
2	C	1	C	1	SE	2	C	1	SE	2	S	2	S	3	C	1	SW	3	NE	2	NW	3	NW	5	NW	5	W	8	W	7
3	NW	12	NW	11	NW	12	NW	9	NW	7	NW	8	NW	9	NW	14	NW	20	NW	24	NW	24	NW	24	NW	22	NW	25	NW	22
4	SE	4	SE	3	SE	4	SE	4	SE	6	E	6	E	6	E	12	E	18	E	16	E	14	E	15	E	12	E	15	E	15
5	NE	28	NE	31	NE	25	NE	24	NE	18	NE	15	NE	12	E	10	SW	9	SW	6	SE	4	SE	6	SE	4	SE	4	E	8
6	SW	11	SW	6	SW	2	W	2	SW	6	SW	7	SW	10	SW	7	SW	11	SW	8	SW	10	SW	12	SW	11	SW	13	SW	11
7	W	3	W	4	SW	3	C	1	C	0	C	1	S	3	SE	2	E	5	SE	4	SE	6	S	7	S	7	S	7	S	8
8	W	7	W	6	SW	7	NW	8	SW	4	SW	9	SW	4	SE	2	SW	8	W	11	W	16	SW	15	SW	14	SW	9	SW	8
9	NW	11	NW	11	NW	7	W	7	W	7	W	8	W	9	W	8	W	16	W	19	W	20	W	24	W	14	W	19	W	12
10	NW	8	NW	7	NW	8	NW	4	NW	5	NW	5	NW	5	NW	15	NW	22	W	17	W	10	W	7	SW	6	SW	10	SW	11
11	SE	3	SE	3	SE	2	SW	2	SW	2	SE	4	SE	6	SE	8	S	6	S	11	S	11	S	12	S	14	S	16	S	10
12	C	0	C	0	C	0	C	0	SE	2	SE	2	SE	4	SE	4	SE	4	E	4	E	2	C	1	SE	3	SE	3	SW	7
13	E	2	SE	3	E	4	E	4	E	4	SW	3	SE	4	C	1	SE	5	SE	4	SE	7	SE	6	SE	9	SE	10	SE	8
14	SE	4	SE	3	SE	4	SE	3	SE	5	SE	3	SE	6	SE	3	SE	7	SE	7	SE	5	SE	10	E	9	E	10	E	5
15	S	2	C	1	C	1	SE	2	SE	3	SE	4	SE	3	SE	5	SE	8	SE	11	E	15	E	16	E	15	E	17	E	16
16	E	6	E	6	E	6	E	9	E	8	E	7	E	10	E	12	E	18	E	19	E	17	E	17	E	18	E	20	E	21
17	E	13	E	9	E	13	E	12	E	13	E	18	E	18	E	27	E	35	E	22	E	22	E	30	E	27	E	22	E	27
18	E	23	E	19	E	19	E	17	E	16	E	14	E	16	E	16	E	18	E	20	E	16	E	14	E	16	E	17	E	15
19	NE	13	NE	16	N	9	NW	9	NW	14	NW	11	NW	10	NW	11	NW	14	NW	12	NW	14	NW	15	NW	14	NW	11	NW	8
20	C	0	C	0	W	2	W	5	W	2	SW	5	SW	9	SW	5	SW	7	SW	8	SW	7	SW	10	SW	7	SW	9	SW	8
21	W	4	W	2	C	1	C	1	C	1	W	2	C	1	W	2	SW	2	SW	4	W	4	W	7	W	7	W	7	W	6
22	NE	6	NE	3	C	1	NE	2	NE	4	NW	5	W	3	W	4	W	3	W	4	NW	5	NW	5	NW	4	NW	6	NW	7
23	NW	2	NW	6	W	6	W	5	W	8	W	4	W	5	W	6	W	8	W	7	W	10	W	12	NW	11	NW	11	NW	8
24	NE	8	NE	5	NE	6	NW	5	NW	7	NW	8	NW	9	NW	8	N	10	N	8	SE	9	SE	14	SE	9	SE	7	SE	15
25	E	3	E	2	E	4	C	0	E	2	E	2	E	4	E	9	E	10	E	9	E	8	E	6	E	7	E	10	E	7
26	NE	8	NE	5	NE	8	NE	9	NE	7	NE	4	NE	8	SW	6	SW	4	SW	3	W	3	NW	6	NW	8	W	8	SW	7
27	C	1	SE	5	SE	6	SE	7	SE	4	SE	5	SE	5	SE	6	SE	7	SE	3	SE	4	SE	3	SE	3	SE	2	SE	2
28	SE	3	SE	5	SE	3	SE	7	SE	4	SE	5	SE	8	SE	9	SE	13	SE	11	SE	12	SE	11	E	9	E	10	E	12
29	E	8	E	7	E	4	E	6	NE	3	NE	4	NE	9	NE	15	NE	15	N	20	N	18	N	18	NE	13	NE	13	NE	9
30	N	7	N	8	N	7	N	5	NE	3	C	1	W	8	NW	12	NW	11	SW	6	SW	7	SW	6	SW	9	SW	9	SW	9
31	SE	5	SE	7	SE	4	SE	4	SE	2	SE	4	SE	6	E	8	E	9	NE	10	NE	12	NE	14	NE	14	NE	14	NE	10
DIR. PREV.	E-SE		SE		SE		SE		SE		SE		SE		SE		E-SE-SW		SE		SE		SE		E		E		E	
Nº de HORAS	6		8		8		7		9		8		9		9		7		7		8		7		8		8		9	
PROM. HOR. DE LA VELOC.		7		6		6		6		6		6		7		8		11		10		10		12		11		11		11

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
SE	8	SE	6	SE	3	SE	2	S	5	S	4	S	4	S	3	SE	4	SE	20	9	29	SE	8.37
NW	9	NW	8	NW	6	N	5	N	3	NE	4	N	7	N	11	N	10	NW	6	4	13	W	14.18
W	16	W	11	W	5	W	3	W	3	W	3	SW	4	SW	3	NW	3	NW	16	12	31	NW	9.14
E	19	E	13	E	13	E	18	E	12	E	11	NE	10	NE	13	NE	17	E	16	12	29	NE	23.39
E	5	E	8	E	9	W	6	W	8	W	6	NW	3	W	3	W	3	NE	7	11	36	NE	0.36
SW	11	SW	9	SW	6	SW	6	C	1	C	1	SW	2	SW	3	W	3	SW	20	7	26	SW	7.48
S	5	S	6	S	2	E	2	C	0	C	0	C	0	C	1	W	6	S	8	3	15	S	13.29
SW	7	SW	6	C	1	C	0	C	1	NW	4	NW	6	NW	8	NW	8	SW	11	7	24	W	11.30
W	10	W	8	NW	7	NW	3	NW	5	NW	3	NW	2	NW	2	NW	4	W	14	10	24	W	11.12
SW	17	SW	18	SW	5	SW	5	SW	6	SW	6	S	5	S	4	S	5	SW-NW	9	9	32	SW	15.44
S	12	S	8	S	2	C	0	C	0	C	0	C	0	C	0	C	0	S	10	6	25	S	13.44
SW	3	E	6	E	4	E	4	E	2	E	4	E	3	S	2	SE	5	E-SE	8	3	9	SE	8.36
SE	9	SE	6	SE	9	SE	9	SE	5	SE	5	SE	5	SE	2	S	4	SE	17	5	12	SE	12.47
E	10	E	10	E	10	E	8	E	8	E	6	E	2	C	0	SE	2	SE	13	6	14	E	16.42
E	15	E	14	E	12	E	8	SE	8	SE	4	SE	5	E	8	E	7	E	11	8	26	E	15.16
E	21	E	22	E	17	E	16	E	16	E	17	E	18	E	18	E	14	E	24	15	28	E	16.12
E	18	E	18	E	16	E	16	E	15	E	18	E	22	E	24	E	22	E	24	20	48	E	8.16 / 9.14
E	15	E	15	E	19	E	18	E	14	E	16	E	17	E	16	E	14	E	24	17	29	E	0.12
NE	7	NE	7	NE	5	NE	2	E	3	C	0	C	0	C	1	C	0	NW	12	8	18	W	3.54
SW	10	SW	11	SW	7	SW	3	SW	2	SW	3	SW	4	SW	3	SW	2	SW	19	5	17	SW	11.24
W	5	C	1	C	1	E	2	C	1	C	0	E	2	E	2	E	3	W	10	3	12	NW	10.40
W	3	W	5	C	1	E	2	E	4	NE	7	NE	9	NW	6	NW	6	NW	8	4	10	NW	11.14
NW	9	NW	8	W	2	C	1	SE	4	SE	9	E	9	E	8	NE	7	W	11	7	14	NW	12.18
NE	11	NE	9	NE	9	E	4	E	3	E	4	E	2	E	5	E	4	NE	7	7	26	NE	14.56
E	9	E	9	E	7	E	3	E	9	E	8	E	5	E	5	E	4	E	24	6	14	NE	7.24
SW	9	SW	8	SW	8	SW	3	C	1	C	0	SE	3	SE	4	SE	2	SW	8	6	18	SW	14.48
SE	2	SE	3	C	0	C	0	C	0	C	0	C	0	C	0	SE	4	SE	17	3	10	SE	3.34
E	11	E	11	E	10	E	10	E	11	E	12	E	9	E	8	E	8	SE-E	12	9	17	E	13.48
NE	11	NE	10	NE	7	E	5	NE	3	E	4	E	4	E	3	NE	9	NE	13	9	26	N	9.55
SE	7	SE	8	SE	8	SE	9	SE	8	SE	7	SE	5	SE	8	SE	4	SE	9	7	33	W	6.31
E	9	E	12	E	5	E	5	E	8	E	7	E	9	E	6	SE	5	E	10	8	23	NE	11.41
E		E		E		E		E		E		E		E		E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		84 Km.		
10		11		11		15		12		11		12		11		8		E	197	8	DIREC.	DIA	HORA
	10		9		7		6		5		6		6		6		6				NE	5	de 1.55 a 2.00

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							20	194	4	16								210
2	5	36	2	6			2	4	2	5	1	3	2	15	6	36	4	109
3											2	7	6	41	16	246		294
4			3	40	16	215	5	21										276
5			7	153	5	40	4	18			2	15	5	26	1	3		255
6											20	162	2	5			2	169
7					2	7	3	12	8	45	1	3	3	13			7	83
8							1	2			11	91	4	40	5	34	3	169
9													14	181	10	55		236
10									3	14	9	84	3	34	9	79		211
11							6	26	10	102	2	4					6	132
12					8	29	8	27	1	2	2	10					5	69
13					4	14	17	106	1	4	1	3					1	128
14					10	78	13	62									1	140
15					11	143	10	53	1	2							2	200
16					24	353												353
17					24	477												477
18					24	400												400
19	1	9	6	50	1	3									12	143	4	206
20											19	120	3	9			2	129
21					4	9					2	6	10	46			8	68
22			6	31	2	6							6	22	8	44	2	105
23			1	7	2	17	2	13					11	73	7	55	1	166
24	2	18	7	63	6	22	4	39							5	37		179
25					23	142											1	142
26			7	49			3	9			8	48	2	11	2	14	2	132
27							17	71									7	72
28					12	121	12	91										212
29	3	56	13	121	8	41												218
30	4	27	1	3			9	64			6	46	1	8	2	23	1	17[illegible]
31			6	74	10	78	8	37										189
SUMAS	15	146	59	597	196	2195	144	849	30	190	86	602	72	524	83	769	59	5901
% PREVAL POR VELOCIDAD	2.5		10.1		37.1		14.4		3.2		10.2		9.0		13.0		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		10		11		6		6		7		7		9		0.5	190

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	5	6	6	1	1	3	4	4
1 - 2	1	5	5	8		1	3	4	4
2 - 3	2	3	6	8		3	2	3	4
3 - 4	1	3	5	7		1	4	5	5
4 - 5		5	5	9		3	3	4	2
5 - 6		3	5	8	1	4	3	5	2
6 - 7		3	5	9	2	3	4	4	1
7 - 8		1	7	9		3	4	5	2
8 - 9	1	1	7	7	1	7	3	4	
9 - 10	2	2	6	7	1	6	5	2	
10 - 11	1	1	7	8	1	3	6	4	
11 - 12	1	1	6	7	2	4	4	5	1
12 - 13		2	8	6	2	5	2	6	
13 - 14		2	8	6	2	5	4	4	
14 - 15		3	9	3	2	7	3	4	
15 - 16		3	10	4	2	6	4	2	
16 - 17		3	11	4	2	5	3	2	1
17 - 18		3	11	3	2	4	2	2	4
18 - 19	1	1	15	3		4	2	1	4
19 - 20	1	1	12	4	1	2	2	1	7
20 - 21		2	11	4	1	2	2	2	7
21 - 22	1	2	12	4	2	3		3	4
22 - 23	1	1	11	3	3	3	1	3	5
23 - 24	1	3	8	7	2	1	3	4	2
SUMAS	15	59	196	144	30	86	72	83	59
% de frec. por dirección	2.0	8.0	26.3	19.4	4.0	11.5	9.7	11.2	7.9

NUBES. VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9	19.0	13.2	0.47	8	0	5	
	10	20.6	14.0	0.54	8	0	5	
	12	33.0	18.0	1.22	6	3	5	
	14	34.5	20.0	1.18	5	2	5	
	15	25.5	17.6	0.64	4	3	5	
2	9	19.5	11.1	0.68	8	0	0	N.
	10	36.5	16.5	1.63	4	5	5	
	12	40.5	21.0	1.58	4	5	5	
	14	41.4	23.0	1.50	2	5	5	
	15	39.5	22.6	1.37	3	5	5	
3	9	39.6	22.5	1.39	0	5	5	
	10	42.2	25.0	1.40	0	5	5	
	12	45.0	28.0	1.38	0	5	5	
	14	45.0	29.0	1.30	0	5	5	
	15	44.0	28.5	1.26	0	5	5	
4	9	39.2	23.0	1.32	3	5	3	Ne.
	10	41.5	24.0	1.42	1	5	3	Ne.
	12	43.5	27.0	1.34	0	5	3	Ne.
	14	44.3	28.0	1.33	0	3	3	Ne.
	15	41.5	26.5	1.22	1	5	3	Ne.
5	9				8	0	5	LL.
	10				8	0	5	LL.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
6	9	22.4	17.9	0.36	8	0	5	
	10	37.5	22.6	1.21	6	4	5	
	12	43.2	25.7	1.42	8	5	5	
	14	42.5	26.0	1.34	2	5	5	
	15	41.2	25.2	1.30	3	5	5	
7	9	40.4	23.0	1.41	1	5	5	
	10	43.0	24.9	1.47	4	5	5	
	12	45.5	26.9	1.51	7	4	5	
	14	43.6	26.2	1.41	4	4	5	
	15	31.6	22.6	0.73	5	4	5	
8	9	41.5	22.8	1.52	3	5	5	
	10	42.0	23.5	1.50	2	5	5	
	12	43.7	25.0	1.52	3	5	5	
	14	42.6	22.2	1.66	4	4	4	
	15	43.5	25.5	1.46	4	4	4	
9	9	41.0	23.1	1.46	0	5	5	
	10	43.0	25.0	1.46	0	5	5	
	12	44.0	26.0	1.46	1	5	5	
	14	44.4	26.6	1.45	2	5	5	
	15	42.5	26.1	1.33	2	5	5	
10	9	41.2	23.7	1.42	6	4	5	
	10	41.0	23.5	1.42	5	3	5	
	12	42.5	26.0	1.34	6	3	5	
	14	33.8	23.0	0.88	6	3	5	
	15	25.8	20.1	0.46	7	0	5	
11	9	37.6	17.2	1.66	1	5	5	
	10	39.4	19.5	1.62	0	5	5	
	12	40.2	21.1	1.55	0	5	5	
	14	41.5	21.5	1.63	5	3	5	
	15	30.5	18.1	1.01	5	3	5	
12	9	36.0	17.4	1.51	6	4	5	
	10	34.2	18.0	1.32	8	3	4	
	12	30.0	17.5	1.02	7	4	4	Ne.
	14	24.5	17.5	0.57	8	2	4	Ne.
	15	25.3	16.4	0.72	8	1	4	Ne.
13	9	22.5	13.8	0.71	8	0	3	Ne.
	10	37.5	19.0	1.50	8	4	3	Ne.
	12	31.5	19.0	1.02	8	3	3	Ne.
	14	36.0	20.5	1.26	8	3	3	
	15	20.4	16.2	0.34	7	1	3	
14	9	24.2	17.2	0.57	6	0	3	Ne.
	10	29.1	19.1	0.81	7	1	3	Ne.
	12	42.7	24.0	1.52	6	3	3	Ne.
	14	35.2	21.5	1.11	8	3	3	Ne.
	15				7	2	3	Am.
15	9	30.0	18.5	0.93	8	4	3	Ne.
	10	35.1	20.5	1.19	4	4	5	
	12	41.5	23.1	1.50	3	5	5	
	14	40.0	22.4	1.43	1	5	5	
	15	38.5	21.5	1.38	1	5	5	
16	9	38.4	20.1	1.49	1	5	5	
	10	38.0	20.6	1.41	5	4	5	
	12	28.0	19.0	0.73	6	3	5	
	14	40.6	23.5	1.39	6	3	5	
	15	39.5	23.0	1.34	5	4	5	
17	9	22.0	18.0	0.32	8	2	5	
	10	26.6	18.4	0.67	8	2	5	
	12	42.3	24.0	1.49	8	4	5	
	14	29.0	20.5	0.69	8	2	5	
	15	26.8	19.7	0.58	8	2	5	
18	9				8	0	4	LL.
	10				8	0	4	LL.
	12				8	0	4	LL.
	14	26.0	20.0	0.49	7	3	5	
	15	26.3	20.3	0.49	7	3	5	
19	9				9	0	5	Z.
	10				8	0	5	Am.
	12	29.6	18.5	0.90	6	3	5	
	14	24.0	17.3	0.54	6	3	5	
	15	19.2	15.7	0.28	7	0	5	
20	9	24.4	18.1	0.51	7	0	5	
	10	22.5	17.9	0.37	8	0	5	
	12	32.5	22.0	0.85	7	3	5	
	14	39.5	29.2	0.84	7	5	5	
	15	27.2	20.7	0.53	7	3	5	
21	9	42.1	24.5	1.43	6	3	5	
	10	45.5	26.0	1.58	7	3	5	
	12	34.0	24.0	0.81	5	3	5	
	14	42.5	26.6	1.29	4	5	5	
	15	44.0	27.2	1.36	1	5	5	
22	9	45.7	28.0	1.44	1	5	5	
	10	46.5	29.2	1.41	2	5	5	
	12	47.5	31.0	1.34	3	5	5	
	14	45.8	30.4	1.25	4	3	5	
	15	48.5	31.4	1.39	3	5	5	
23	9	38.6	27.0	0.94	8	2	5	
	10	34.7	25.8	0.72	8	2	5	
	12	45.5	31.0	1.18	5	4	5	
	14	47.0	31.8	1.24	5	5	5	
	15	47.0	31.8	1.28	4	5	5	
24	9	48.0	30.0	1.46	5	5	5	
	10	23.4	21.0	0.20	8	1	3	Ne.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	Am.
25	9	40.7	23.5	1.40	5	3	5	
	10	43.7	26.0	1.44	4	3	5	
	12	46.5	28.9	1.43	4	3	5	
	14	45.5	29.2	1.33	3	5	5	
	15	44.6	28.6	1.30	2	5	5	
26	9	45.0	26.5	1.50	3	5	5	
	10	46.0	28.0	1.46	2	5	5	
	12	48.0	31.1	1.37	6	5	5	
	14				7	1	5	Am.
	15				7	1	5	Am.
27	9	21.5	16.6	0.40	8	0	3	Ne.
	10	21.0	17.2	0.31	8	0	3	Ne.
	12	21.7	18.2	0.28	8	0	3	Ne.
	14	25.2	19.2	0.49	8	0	4	
	15	24.0	19.4	0.37	8	0	3	Ne.
28	9	39.4	21.6	1.45	0	5	5	
	10	39.7	22.6	1.39	2	4	5	
	12	-	-	-	-	-	-	s/R.
	14	39.5	23.3	1.32	4	5	5	
	15	38.1	22.4	1.28	3	4	5	
29	9	40.5	23.0	1.42	0	5	5	
	10	42.4	25.0	1.41	0	5	5	
	12	35.5	24.3	0.91	5	3	5	
	14	36.0	24.6	0.93	3	3	5	
	15							
30	9	23.2	18.0	0.42	8	2	5	
	10	30.6	21.0	0.78	8	2	5	
	12	47.0	29.0	1.46	6	5	5	
	14	46.0	29.3	1.36	6	5	5	
	15	43.2	28.6	1.19	6	3	5	
31	9	42.5	23.0	1.58	6	3	5	
	10	44.4	24.0	1.66	6	3	5	
	12	40.3	23.7	1.35	8	3	5	
	14	-	-	-	-	-	-	s/R.
	15	30.2	21.1	0.74	7	2	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							0.3	0.7	0.8	0.9	1.0	0.9	1.0		5.6	12.4	45
2					0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0		8.1	12.4	65
3		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.9	12.4	96
4		0.3	1.0		1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.6		10.8	12.5	86
5															0.0	12.5	00
6			0.4	0.3		0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2	8.5	12.5	68
7	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	1.0	1.0		11.1	12.6	88
8				0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.9	0.1	9.6	12.6	76
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	0.1	12.2	12.7	96
10		1.0	1.0	0.6	0.8	1.0	1.0	1.0	1.0	0.4					7.8	12.7	61
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	0.2	12.3	12.7	97
12		0.7	1.0	1.0	1.0	1.0	1.0	0.4	0.7						6.8	12.8	53
13					0.2	0.8	0.8	0.5	0.1	0.5	0.1	0.1	0.2		3.3	12.8	26
14		0.2	1.0	1.0	0.9	0.9	0.8	0.5	0.8	0.4	0.7	1.0	0.6		8.8	12.8	69
15		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.6	12.9	90
16	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0		11.8	12.9	92
17			0.8	1.0		0.2	0.8	0.6							3.4	12.9	26
18												0.1	0.2		0.3	13.0	02
19							0.5	0.3	0.1		0.3	0.8	1.0	0.3	3.3	13.0	25
20					0.2	0.1	0.6	0.3	0.8	0.3	0.5	1.0	1.0	0.3	5.1	13.0	39
21		0.6	1.0	1.0	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.4	11.4	13.1	87
22	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		11.5	13.1	88
23		1.0	0.4	0.8	0.2	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	10.1	13.1	77
24		0.7	0.2	0.9	0.7								0.5	0.5	3.5	13.2	26
25		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	12.5	13.2	95
26			0.2	0.1	0.9	1.0	1.0	1.0	0.5	0.1			0.1		4.9	13.2	37
27													0.3		0.3	13.3	02
28	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.9	0.9	1.0	1.0	0.3	11.4	13.3	86
29	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	12.5	13.3	94
30							0.5	1.0	1.0	0.9	1.0	1.0	1.0	0.5	6.9	13.4	52
31		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.6	0.2		9.6	13.4	72
Medias	0.0	0.5	0.6	0.6	0.6	0.7	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.1	7.9	12.9	62

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	16.2	16.8	16.4	16.0	16.4	16.2	14.4	14.2	14.8	15.0	14.8	15.0	17.8	17.5	17.4
2	13.4	17.2	16.6	14.0	16.0	16.0	13.2	13.4	14.3	14.2	14.0	14.3	17.4	17.2	17.2
3	14.2	18.6	18.0	14.3	17.0	17.2	13.2	13.6	14.8	14.0	13.8	14.6	17.2	17.2	17.2
4	16.2	20.0	18.8	15.8	18.1	18.0	14.5	15.0	15.7	14.8	15.0	15.5	17.6	17.6	17.6
5	17.7	17.2	17.4	15.1	16.6	16.8	15.4	15.0	15.0	15.6	15.4	15.4	18.0	18.0	18.0
6	16.6	19.2	18.0	16.3	18.1	17.7	14.6	14.8	15.7	15.0	15.0	15.6	17.9	17.9	17.9
7	15.0	18.8	17.8	15.2	17.8	16.6	14.4	14.8	14.4	15.0	15.0	15.0	18.2	18.0	18.2
8	16.2	19.6	18.0	16.0	18.3	17.8	14.6	15.0	15.8	15.2	15.0	15.8	18.2	18.1	18.0
9	15.4	19.4	18.4	15.5	18.2	17.9	14.4	15.0	15.9	15.4	15.2	13.8	18.4	18.3	18.3
10	15.8	19.2	18.0	15.9	18.0	17.6	14.6	15.0	15.6	15.4	15.2	15.6	18.4	18.4	18.4
11	14.6	17.6	16.0	15.0	17.0	16.2	14.6	14.8	15.0	15.6	15.2	15.4	18.5	18.4	18.2
12	13.0	16.2	15.4	13.7	15.6	15.4	13.7	13.8	14.2	14.9	14.6	14.6	18.2	15.9	17.8
13	14.0	16.4	15.8	14.2	15.7	15.6	13.0	14.4	14.0	14.0	14.0	14.4	17.4	17.5	17.4
14	14.4	17.4	16.0	14.2	16.2	15.8	13.2	13.4	14.4	14.0	13.8	14.4	17.5	17.4	17.4
15	13.0	17.8	15.7	13.4	16.5	15.8	12.8	13.2	14.4	13.8	13.6	13.7	17.4	17.2	17.2
16	13.6	18.0	16.4	14.0	16.6	16.1	13.0	13.4	14.5	13.8	13.6	14.4	17.4	17.2	17.3
17	15.0	17.4	16.8	14.8	16.3	16.2	13.8	14.0	14.2	14.3	14.3	14.5	17.5	17.5	17.5
18	16.3	16.8	17.0	15.8	16.0	16.4	14.2	14.2	14.4	14.6	14.6	14.4	17.6	17.6	17.6
19	16.6	18.0	16.4	15.9	16.4	16.4	14.1	14.4	14.4	14.8	14.7	14.7	17.6	17.6	17.6
20	15.4	17.6	17.4	15.2	16.5	17.0	14.0	14.0	14.8	14.6	14.2	14.8	17.6	17.4	17.6
21	15.2	20.0	18.7	15.1	18.2	18.1	14.0	14.4	14.8	14.4	14.4	15.4	17.7	17.6	17.6
22	16.6	21.8	20.5	16.0	19.5	19.6	15.0	15.9	17.0	15.4	15.7	15.2	18.2	18.3	18.4
23	18.6	22.4	21.2	18.0	20.4	20.4	16.6	20.1	17.8	16.6	16.6	17.3	19.0	19.1	19.0
24	19.0	19.6	18.6	18.6	19.0	18.3	17.1	17.0	16.6	17.3	17.7	17.0	19.7	19.6	19.6
25	17.2	21.6	20.4	16.5	19.6	19.6	14.8	16.4	17.4	16.6	16.4	17.0	19.5	19.4	19.4
26	18.7	23.0	21.2	18.2	21.1	20.5	16.7	17.3	18.2	17.0	17.0	16.6	19.7	19.6	19.6
27	19.1	19.2	19.2	18.6	18.8	18.8	17.2	17.1	17.2	17.6	17.4	17.4	20.2	20.2	20.1
28	17.0	20.2	18.7	17.0	19.0	18.4	16.0	16.4	16.8	16.4	16.4	16.8	19.8	19.8	19.7
29	16.6	20.4	19.4	16.5	18.8	18.7	15.8	16.0	16.8	16.8	16.0	16.8	19.8	17.6	17.6
30	17.8	20.6	20.0	17.4	19.4	19.5	16.2	16.6	17.4	16.8	16.6	17.2	19.6	19.8	19.7
31	17.6	20.4	19.5	17.3	19.1	18.9	16.3	16.7	17.2	17.0	16.9	17.2	20.0	20.0	20.0
Prom.	16.0	19.0	18.0	15.8	17.8	17.5	14.7	15.1	15.6	15.4	15.2	15.5	18.4	18.2	18.2

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					2	0.5	0.6	0.9	1.7							11587
2					2	0.2	0.7	1.4	2.2							11588
3					1	0.1	2.3	1.3	4.0							11587
4					0	0.4	0.8	0.8	3.3	R. 25	19.6	18.0	21.2			11584
5	27.3	27.7	26.7	26.5	0	1.7	0.1	0.1	0.5							11577
6					2	0.3	1.4	1.1	3.2							11576
7	0.0	2.3	1.5	1.8	1	0.7	1.3	1.3	3.0							11577
8					1	0.4	1.8	1.1	3.4							11578
9					1	0.5	1.2	1.0	2.4	R. 26	22.4	19.3	24.8			11576
10	0.0	0.5	0.0	0.0	0	0.2	1.1	0.6	2.2							11576
11					1	0.5	1.7	1.1	3.0							11574
12					0	0.2	1.0	0.8	2.4							11574
13	0.0	0.0	0.0	0.0	0	0.6	0.4	0.8	1.4							11573
14	3.3	3.9	3.0	2.8	0	0.2	0.8	0.8	1.8	S. 1	18.4	15.3	20.2			11575
15					1	0.2	0.6	2.0	3.2							11570
16					0	0.6	1.9	0.5	3.7							11568
17	2.9	3.0	2.5	2.5	0	1.3	1.6	0.8	3.5							11565
18	38.8	47.0	41.4	40.8	2	1.1	0.3	0.4	0.9							11564
19	0.0	0.0	0.0	0.0	2	0.2	0.4	0.4	1.0							11519
20	0.0	0.2	0.0	0.0	2	0.2	0.3	0.7	1.2	S. 2	20.6	16.7	22.9	21.2	19.6	11522
21					2	0.2	0.6	0.9	1.6							11522
22					1	0.1	1.8	0.6	3.7							11520
23					0	1.3	1.6	1.0	3.4							11517
24	16.5	17.0	16.7	15.8	0	0.8	0.5	0.6	1.1							11516
25					2	0.0	0.8	1.0	2.5	S. 3	21.3	17.7	21.6			11511
26	3.3	4.5	3.8	3.9	2	0.7	0.4	0.4	1.0							11407
27					2	0.2	0.3	0.4	1.1							11407
28					2	0.4	1.0	0.8	2.5							11410
29	0.8	1.0	0.7	0.7	1	0.7	1.5	1.4	3.2	S. 4	20.8	19.9	24.0			11408
30					1	0.3	0.9	2.1	3.4							11402
31	28.4	29.6	29.4	28.4	0	0.4	1.3	0.6	2.4							11402
Prom.	121.3	136.7	125.7	123.2	-	0.5	1.0	0.9	2.4	-	-	-	-	-	-	11916

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
16.3	16.2	16.0	15.3	15.3	15.3	15.1	15.9	10.1	Cn. m. t. y n., r. n.
16.0	15.8	15.8	15.4	15.6	15.6	15.2	15.9	- 1.3	Cn. m., Ca. t. y n., N. m., r. n.
15.9	16.5	16.6	15.6	15.7	15.7	15.3	15.9	4.1	Ca. m. t. y n., r. m. y n.
16.2	16.4	16.3	15.6	15.7	15.7	15.3	15.9	8.1	Ca. m. t. y n., Ne. m. y t., r. n.
16.5	16.6	16.4	14.7	14.7	14.7	15.3	15.9	13.4	Cn. m. t. y n., Ru. LL. m. y t., R. n.
16.5	16.6	16.5	16.0	16.0	16.0	15.4	16.0	12.9	Cn. m., Ca. t. y n., r. n.
16.6	16.6	16.6	15.8	16.0	16.0	15.5	16.0	3.6	Cn. m., Ca. t. y n., r. m. y n.
16.6	16.6	16.5	16.0	16.1	16.1	15.5	16.0	7.4	Cn. m., Ca. t. y n., r. n.
16.7	16.8	16.8	16.2	16.2	16.2	15.5	16.0	4.7	Ca. m. t. y n., r. m. y n.
17.0	17.0	17.0	16.2	16.2	16.1	15.5	16.0	5.4	Cn. m. t. y n., r. m., CH. P. t.
16.9	16.9	16.8	16.1	16.2	16.2	15.5	15.9	- 0.4	Ca. m. y n., Cn. t., r. m. y t.
16.7	16.7	16.6	16.1	16.2	16.2	15.6	15.9	- 0.3	Ca. m., Cn. t. y n., r. m.
16.4	16.5	16.4	16.2	16.3	16.3	15.6	16.0	5.6	Cn. m. y t., Ca. n., Ne. m. y t., Z. m.
16.0	16.2	16.1	16.2	16.3	16.2	15.7	16.0	2.8	Ca. m. y n., Cn. t., Ne. m. y t., CH. t., r. n.
16.3	16.0	16.0	16.3	16.3	16.3	15.7	16.0	0.0	Cn. m., Ca. t. y n., Ne. m., r. n.
15.8	15.9	15.9	16.2	16.2	16.2	15.8	-	2.1	Cn. t., Ca. m. y n.
16.2	16.3	16.2	16.3	16.3	16.3	15.7	-	7.9	Cn. m. t. y n.
16.2	16.4	16.2	16.3	16.3	16.2	15.7	16.1	13.9	Cn. m. t. y n., LL. m. t. y n.
16.2	16.3	16.2	16.3	16.3	16.3	15.7	16.1	12.6	Cn. m. y t., Ca. n., Z. m., r. n.
16.3	16.2	16.2	16.3	16.3	16.3	16.0	16.1	6.2	Cn. m. y t., Ca. n., r. n.
16.5	16.2	16.2	16.2	16.2	16.2	16.0	16.1	6.2	Cn. m. y t., Ca. n., r. m. y n.
-	-	-	16.2	16.3	16.3	16.0	16.2	7.2	Ca. m. y t., Cn. n., r. m.
-	-	-	16.3	16.4	16.4	16.0	16.2	12.3	Cn. m. t. y n., R. n.
-	-	-	16.5	16.5	16.5	16.0	16.2	11.6	Cn. m. y t., Ca. n., r. m. y n., Ru. LL. t., N. n.
-	-	-	16.7	16.7	16.8	16.0	16.2	8.1	Cn. m., Ca. t. y n., r. m.
-	-	-	16.8	16.8	16.8	16.1	16.2	12.4	Cn. m. y t., Ca. n., Ru. LL. t., r. n.
-	-	-	17.0	17.2	17.2	16.0	16.3	13.1	Cn. m. t. y n., Ne. m. y t.
-	-	-	17.3	17.5	17.5	16.2	16.3	7.4	Ca. m. t. y n., r. m. y n.
-	-	-	17.5	17.5	17.5	16.2	16.3	6.8	Ca. m. y n., Cn. t., r. m.
-	-	-	17.5	17.5	17.5	16.3	16.3	11.4	Cn. m. t. y n., LL. m., Dl. Jl. n.
-	-	-	17.5	17.6	17.6	16.3	16.3	8.2	Cn. m. t. y n., Ne. m., Ru. LL. n.
-	-	-	16.3	16.3	16.3	15.7	16.1	7.2	

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	57.2	64.7	10	23,24	45.6	5	17-	14.9	20.9	8.8	24.7	3	15-16	4.0	2	6	8.6	12.5	68
2ª	62.7	69.6	12	9	53.9	19	16	12.8	17.4	7.7	20.2	20	16	0.3	12	5,6	6.7	12.9	52
3ª	59.1	65.8	28	7,8	51.2	31	24	17.2	23.2	11.1	26.8	23	14,15	7.8	25	5	8.6	13.2	65
MES	59.6	69.6	12	9	45.6	5	17	15.0	20.6	9.3	26.8	23	14,15	0.3	12	5,6	7.9	12.9	62

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	82	100	varios	41	7	10.1	15.4	5.8	SW NW	8 10	84	5	31	5	1-2	36	NE	5	0.36	30.5	27.7	5	10.0	5	8-9
2ª	81	100	varios	39	11	8.8	13.5	4.2	E	14	60	17	30	17	11-12	48	E	17	8.16 9.14	54.1	47.0	18	20.0	18	19-20
3ª	83	100	varios	49	29	11.8	19.0	7.6	E	6	60	24	20	29	9-10	33	W	30	6.31	52.1	29.6	31	8.0	31	22-23
MES	82	100	varios	41	7	10.3	19.0	4.2	E	11	84	5	31	5	1-2	48	E	17	8.16 9.14	136.7	47.0	18	20.0	18	19-20

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	6	-	1	1	-	-	-	2	-	-	2	-	-	-	-	1	1
2ª	6	-	3	-	-	-	-	2	2	-	1	-	-	-	-	-	-
3ª	6	-	1	2	-	-	-	4	-	-	1	-	-	-	-	1	4
MES	18	-	5	3	-	-	-	8	2	-	4	-	-	-	-	2	5

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	-	6	2	-	-	-
2ª	6	-	-	-	-	-	-	-	-	-	-	3	4	-	-	-
3ª	6	-	-	-	-	-	1	-	1	-	-	1	5	-	4	-
MES	20	-	-	-	-	-	1	-	1	1	-	10	11	-	4	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

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RESUMEN MENSUAL

La zona frontal que se encuentra al principio del mes sobre el Río de la Plata y en la cual la presión atmosférica registra el valor mínimo mensual con 748.0 mmHg, se desplaza rápidamente hacia el N. Al mismo tiempo se observa una nubosidad elevada, siendo el 1° el día más nublado de todo el mes con sólo 0.2 horas de brillo solar. En la aeromasa fresca y seca, sube la presión en forma pronunciada y baja la temperatura y humedad absoluta. Este último elemento registra el 2 su mínima mensual con 4.6 mmHg, mientras la temperatura la alcanza con 2.3°C en la madrugada del 3; en este día se anota la máxima mensual de la presión con 767.4 mmHg. En los días posteriores reina tiempo bueno y frío. Un nuevo empuje de aire fresco pasa por el Observatorio en la noche del 7 al 8, el que ocasiona un descenso de temperatura que en la mitad de la década sube algo sobre su valor normal, provoca nubosidad elevada hasta el final de la década y se registran lluvias el día 10.

Advección de aire marítimo y el pasaje de varios frentes fríos mantiene el tiempo un poco inestable durante la segunda década del mes con temperaturas alrededor del valor normal y lluvias de poca intensidad. Los frentes más marcados atraviesan el Observatorio en los días 14 y 18 aunque sin alterar mayormente el carácter general del tiempo, con excepción de una nubosidad elevada en estos dos días.

Desde el primer día de la última década cambia el aspecto general del tiempo. Por advección de aire caliente y el tiempo bueno con la fuerte insolación de la época, sube la temperatura durante la primera parte de la década y a partir del día 24 el Observatorio se encuentra en un ambiente de origen tropical. La temperatura está unos cinco grados sobre su término medio, pasa los 30.0°C por primera vez el día 26 y alcanza el mismo día el valor máximo mensual con 32.5°C. También la humedad absoluta registra en estos días sus valores más altos, pasando los 20.0 mmHg; el máximo mensual se observa el 27, con 20.5 mmHg. En este día, un frente inestable ocasiona nubosidad elevada y ligeras lluvias. Termina este primer período de tiempo caluroso con el pasaje de un frente frío en la noche del 29 al 30. El mes finaliza con tiempo bueno y condiciones normales para esta época del año.

Equilibrándose las dos primeras décadas más frescas y secas, con la última calurosa y húmeda, los términos medios no acusan mayores desviaciones excepción hecha de la precipitación que apenas alcanza la tercera parte de su valor normal.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	-	-	-	-	14	62	97	193	179	110	90	117	104	48	14
2	55	76	90	76	69	83	90	97	104	104	104	110	104	97	90
3	- 7	28	14	7	21	48	207	272	213	138	110	117	90	90	76
4	124	124	138	138	124	138	166	97	83	69	76	69	55	62	55
5	41	55	69	104	124	145	124	97	90	104	124	117	97	83	76
6	76	62	83	83	104	90	124	138	213	207	104	62	55	62	83
7	90	83	83	104	90	90	138	110	97	97	117	104	76	76	90
8	21	21	7	7	28	41	28	7	7	- 7	21	41	76	83	69
9	-	7	- 7	- 7	7	7	41	14	48	131	104	117	83	69	62
10	-	-	-	-	-	-	83	124	69	48	62	48	41	- 7	- 21
11	138	152	159	145	145	166	117	159	166	117	110	97	90	90	83
12	-	-	-	-	-	90	138	131	131	145	131	172	179	200	159
13	124	62	83	104	69	69	124	124	69	69	55	69	41	28	34
14	55	69	76	55	69	83	172	110	28	-104	- 21	131	41	41	- 21
15	138	138	138	152	138	145	233	186	124	124	131	83	55	90	90
16	110	152	131	145	152	145	207	172	138	166	145	138	145	152	166
17	83	95	41	12	36	78	104	95	110	110	97	83	83	104	104
18	97	55	28	41	55	69	83	76	83	104	83	69	69	69	55
19	-133	101	14	- 13	- 53	- 53	- 5	10	60	24	5	31	87	95	74
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	124	179	193	166	172	193	186	138
22	124	152	41	- 21	- 14	69	83	83	90	83	76	69	90	76	83
23	48	- 7	- 21	- 14	- 14	14	55	55	69	90	69	69	76	76	41
24	14	7	- 7	- 7	7	7	7	34	41	55	69	55	55	41	62
25	41	55	83	28	41	83	104	97	110	83	97	110	104	104	83
26	76	- 76	- 62	34	34	124	104	90	76	69	55	55	62	48	21
27	55	21	- 55	- 69	- 90	- 83	83	97	104	104	110	145	∞	28	145
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	62	55	28	34	28	21	41	-310	-454
30	-	-	-	-	-	-	34	28	76	104	97	41	- 21	-	-
31															
Prom	87.6	97.3	97.6	94.6	102.7	117.7	151.7	126.0	124.0	123.3	110.6	94.6	84.8	93.8	93.8

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	1.01	0.72	1.73	1.40	432	365	797	1.18	1.63	1.38
2	0.96	0.73	1.69	1.31	743	592	1335	1.25	0.90	0.86
3	0.65	0.45	1.10	1.44	400	234	634	1.71	1.13	1.35
4	0.94	0.71	1.65	1.32	554	399	953	1.39	1.21	1.24
5	0.97	0.69	1.66	1.40	577	374	951	1.54	0.98	1.29
6	0.87	0.80	1.67	1.09	557	394	951	1.41	1.09	1.42
7	0.92	0.88	1.80	1.04	546	387	933	1.41	1.18	1.59
8	0.98	0.85	1.83	1.15	660	550	1210	1.20	1.04	1.08
9	0.70	0.61	1.31	1.15	445	365	810	1.22	1.10	1.17
10	-	-	-	-	435	229	664	1.90	-	-
11	0.88	0.77	1.65	1.13	531	370	901	1.43	1.16	1.45
12	0.61	0.52	1.13	1.17	502	364	866	1.38	0.85	1.00
13	0.70	0.60	1.30	1.17	413	285	698	1.45	1.18	1.47
14	0.68	0.59	1.27	1.15	439	403	842	1.09	1.08	1.02
15	0.81	0.70	1.51	1.16	517	400	917	1.29	1.10	1.22
16	0.68	0.57	1.25	1.19	497	335	832	1.48	0.67	1.19
17	0.86	0.74	1.60	1.16	621	414	1035	1.50	0.97	1.25
18	1.03	0.92	1.95	1.12	694	591	1285	1.17	1.04	1.09
19	1.02	0.98	2.00	1.04	648	667	1315	0.97	1.10	1.01
20	0.83	0.73	1.56	1.14	477	481	958	0.99	1.22	1.06
21	0.69	0.60	1.29	1.15	452	380	832	1.19	1.07	1.10
22	0.97	0.89	1.86	1.09	669	699	1368	0.96	1.01	0.89
23	1.04	0.98	2.02	1.06	714	789	1503	0.90	1.02	0.87
24	1.09	1.06	2.15	1.03	707	533	1240	1.32	1.08	1.39
25	0.78	0.69	1.47	1.13	545	439	984	1.24	1.00	1.10
26	1.04	0.95	1.99	1.09	653	615	1268	1.06	1.12	1.08
27	0.89	1.11	2.00	0.80	564	1068	1632	0.53	1.10	0.73
28	0.88	0.82	1.70	1.07	500	486	986	1.03	1.23	1.18
29	0.96	0.91	1.87	1.05	470	689	1169	0.68	1.43	0.92
30	0.90	0.92	1.82	0.98	720	750	1470	0.96	0.87	0.86
31										
Prom.	0.87	0.77	1.64	1.13	562	493	1055	1.14	1.08	1.09

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	41	7	28	21	41	62	83	69		∞	-∞	-	3*
69	28	69	83	83	28	21	-	-		138	- 97	235	1*
90	138	145	131	131	138	110	110	131		350	- 14	364	2
55	55	55	48	41	41	48	62	55	82.4	207	00	207	0
69	55	55	55	90	138	207	117	104	97.5	310	28	282	0
69	76	97	104	76	69	69	69	69	93.5	297	- 28	325	1
83	55	69	76	-	-	-	-	-		166	- 34	200	1*
69	55	55	69	55	55	-	-	-		124	- 28	152	2*
62	14	-	-	-	76	- 14	28	-		152	- 69	221	2*
7	41	62	55	55	69	104	131	131		193	- 62	255	2*
83	83	104	83	97	104	-	-	-		200	55	145	0*
193	166	145	145	172	159	152	152	152		220	28	192	0*
45	34	41	41	62	76	62	55	55		179	- 14	193	2
-	-	-	-	-	-	-	-	-		420	-374	794	2
76	90	90	69	97	104	83	90	90	114.8	310	34	276	0
172	90	76	152	138	83	154	- 41	- 69	125.4	272	-326	598	1
90	110	97	117	138	152	145	104	110	95.8	172	- 26	198	1
55	83	83	69	- 30	- 66	- 46	-122	+∞		∞	-175	-	3*
74	81	66	62	62	74	58	39	14		202	- 79	281	2
-	-	-	-	-	-	-	-	-		-	-	-	-
152	138	152	138	131	152	110	138	145		345	90	255	0*
83	90	110	110	110	83	28	62	62		207	- 55	262	2
55	48	55	76	97	76	55	21	14		166	- 69	235	2
90	97	131	124	138	110	110	110	90		207	-152	359	2
90	83	83	124	104	76	69	69	83	83.5	207	- 14	221	1
41	28	41	62	76	83	- 28	- 14	7		207	-195	402	2
-∞	-∞	-∞	±∞	- 14	- 14	55	-159	- 83		∞	-∞	-	3*
-	-	-	-	-	-	-	-	-		-	-	-	-
-438	-246	-138	- 14	124	76	-	-	-		179	-824	1003	2*
- 21	21	34	41	21	14	41	90	186		220	-326	546	2*
88.7	79.8	79.0	95.6	97.7	94.7	109.4	67.1	63.1	99.0				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "i" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
-	-	-	-	-	-
-	-	-	-	-	15,000
-	-	-	-	-	28,500
-	-	-	-	4.52	15,250
-	-	-	-	5.40	22,750
-	-	-	-	5.20	23,750
-	-	-	-	-	27,750
-	-	-	-	-	25,000
-	-	-	-	-	42,000
-	-	-	-	-	9,750
-	-	-	-	-	-
-	-	-	-	-	42,500
-	-	-	-	-	43,750
-	-	-	-	-	25,000
-	-	-	-	5.78	6,750
-	-	-	-	5.23	84,000
-	-	-	-	5.11	85,000
-	-	-	-	-	40,000
-	-	-	-	-	37,500
-	-	-	-	-	53,750
-	-	-	-	-	34,500
-	-	-	-	-	20,250
-	-	-	-	-	46,750
-	-	-	-	-	40,500
-	-	-	-	4.09	35,000
-	-	-	-	-	31,250
-	-	-	-	-	19,500
-	-	-	-	-	41,250
-	-	-	-	-	22,500
-	-	-	-	-	-
-	-	-	-	5.05	34,055

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	0.93	0.62	0.48	0.67	0.85	0.90	0.71	0.85	0.83	0.59	0.82	1.00
2	-	-	-	-	-	-	-	-	1.15	1.00	0.95	0.98
3	0.67	0.69	0.71	0.72	0.77	0.56	0.54	0.88	0.70	0.72	0.67	0.59
4	0.76	0.64	0.62	0.65	0.64	0.72	0.83	0.80	0.99	1.00	1.22	1.18
5	1.01	0.97	1.18	0.91	0.77	0.64	0.85	1.09	1.16	1.06	1.00	1.02
6	0.74	0.89	0.89	0.79	0.75	0.59	0.86	0.91	0.80	-	-	-
7	-	-	-	-	-	-	-	0.98	1.10	0.93	0.93	0.96
8	1.30	1.28	-	-	-	-	-	1.02	0.97	0.95	1.02	0.92
9	0.62	0.72	0.63	0.65	0.68	0.75	0.87	0.90	0.94	0.60	0.54	0.55
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	0.99
12	0.46	0.34	0.62	-	-	-	-	0.89	0.38	0.26	0.29	0.54
13	0.46	0.61	0.63	0.50	0.28	0.45	0.63	0.84	1.02	0.97	0.78	0.76
14	0.77	0.80	0.74	0.97	0.90	0.85	0.66	0.70	0.72	0.59	0.52	0.45
15	0.32	0.30	0.35	0.38	0.42	0.42	0.50	0.78	0.92	1.07	0.88	1.06
16	1.10	0.82	0.71	0.66	0.67	0.58	0.57	0.53	0.82	0.78	0.79	0.74
17	0.70	0.87	1.30	1.16	0.87	1.10	0.90	1.06	1.08	0.97	0.90	0.90
18	0.74	0.92	1.21	1.08	1.26	1.25	1.08	1.10	0.97	0.94	1.03	1.12
19	0.50	1.17	1.31	1.24	1.22	1.02	1.00	1.04	1.04	1.09	1.10	1.10
20	0.91	1.10	1.03	1.06	0.74	0.86	0.96	0.95	0.99	1.02	0.93	0.90
21	0.60	0.46	0.50	0.46	0.64	0.65	0.70	0.99	0.65	0.87	0.90	0.67
22	0.40	0.46	0.86	1.48	1.36	1.40	1.28	1.25	1.08	1.04	1.19	1.35
23	0.69	1.16	1.24	1.27	1.46	1.20	1.21	1.37	1.29	1.19	1.18	1.38
24	1.14	1.58	1.52	1.40	1.28	1.14	1.12	1.20	1.20	1.04	0.92	1.25
25	-	-	-	-	-	-	0.90	0.87	1.30	0.89	0.72	0.86
26	0.70	0.74	0.87	1.07	1.16	-	-	1.02	1.02	1.26	1.17	1.28
27	1.19	0.74	0.66	0.62	0.40	0.77	-	1.06	1.04	0.99	1.17	1.10
28	-	-	-	-	-	-	-	-	-	-	-	1.16
29	-	-	-	-	-	-	-	0.40	0.40	0.50	1.02	1.12
30	0.78	1.21	1.04	1.47	1.03	0.74	0.87	1.20	1.09	1.00	0.90	1.12
31												
Promedio	0.76	0.83	0.87	0.91	0.86	0.83	0.85	0.95	0.95	0.90	0.90	0.97

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	0.82	0.57	0.38	0.79	0.79	0.60	0.40	0.33	0.40	0.36	0.64	0.76
2	-	-	-	-	-	-	-	-	0.93	0.73	0.89	0.80
3	0.36	0.44	0.44	0.53	0.42	0.34	0.42	0.40	0.58	0.60	0.56	0.45
4	0.45	0.45	0.40	0.38	0.43	0.41	0.58	0.61	0.84	0.85	0.97	0.92
5	0.92	0.69	0.57	0.46	0.48	0.46	0.90	0.83	0.88	0.87	0.80	0.89
6	0.54	1.55	1.50	0.48	0.42	0.42	0.58	0.69	0.56	-	-	-
7	-	-	-	-	-	-	-	0.73	0.79	0.73	0.69	1.05
8	1.12	1.10	-	-	-	-	-	1.02	0.58	0.94	0.97	0.90
9	0.47	0.56	0.53	0.47	0.47	0.61	0.65	0.80	0.89	0.48	0.48	0.51
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	0.67
12	0.40	0.40	0.52	-	-	-	-	0.86	0.26	0.22	0.31	0.55
13	0.37	0.48	0.42	0.42	0.57	0.42	0.49	0.64	0.82	0.80	0.74	0.76
14	0.74	0.69	0.69	0.76	0.82	0.66	0.48	0.64	0.68	0.76	0.46	0.44
15	0.29	0.33	0.34	0.30	0.37	0.37	0.37	0.72	0.86	0.78	0.69	0.98
16	0.88	0.55	0.51	0.48	0.48	0.42	0.44	0.56	0.76	0.78	0.62	0.64
17	0.51	0.90	1.08	1.31	0.86	0.74	0.80	0.91	0.87	0.87	0.84	0.80
18	0.48	0.76	1.08	1.10	1.10	0.85	0.80	0.98	0.94	0.94	1.07	1.02
19	1.20	0.98	1.28	1.30	1.18	1.04	0.96	0.96	1.01	1.04	1.04	0.94
20	1.02	1.22	1.14	0.88	0.73	0.68	0.70	0.80	0.83	0.80	0.80	0.77
21	0.53	0.39	0.46	0.42	0.49	0.49	0.58	0.76	0.62	0.69	0.69	0.67
22	0.36	0.40	0.96	1.41	1.46	1.05	1.18	1.12	1.05	1.15	1.28	1.33
23	0.68	1.14	1.36	1.33	1.38	1.20	0.96	1.31	1.10	1.15	1.17	1.32
24	1.41	1.46	1.51	1.64	1.40	1.04	1.08	1.09	1.10	0.91	1.00	1.15
25	-	-	-	-	-	-	0.76	0.79	1.02	0.76	0.71	0.84
26	0.66	0.68	0.77	0.91	0.74	-	-	0.98	1.20	1.15	1.12	1.15
27	1.16	0.82	0.89	1.02	1.04	0.87	-	0.97	0.95	0.94	1.05	1.14
28	-	-	-	-	-	-	-	-	-	-	-	0.96
29	-	-	-	-	-	-	-	0.37	0.37	0.59	0.90	0.88
30	1.30	1.14	2.02	1.41	1.30	0.82	1.18	0.91	0.92	0.87	0.93	1.00
31												
Promedio	0.72	0.77	0.86	0.85	0.81	0.67	0.72	0.80	0.81	0.80	0.82	0.87

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.31	1.46	1.36	1.40	1.25	-	1.12	1.12	1.18	1.08	1.65	-	1.01
0.89	0.87	0.92	0.95	1.06	0.97	0.85	-	-	-	1.02	0.87	0.96
0.56	0.61	0.56	0.61	0.58	0.64	0.68	0.58	0.61	0.58	0.61	0.73	0.65
1.10	1.24	1.19	1.09	1.24	0.79	1.15	0.83	0.89	1.04	0.85	1.01	0.94
1.06	1.00	1.13	1.13	1.25	1.43	0.96	0.85	0.68	0.59	0.68	0.77	0.97
0.89	0.88	0.98	1.01	1.13	1.13	0.64	-	-	-	-	-	0.87
1.00	0.96	0.55	0.63	0.81	0.80	0.66	0.80	1.08	1.08	1.12	1.24	0.92
0.92	0.93	1.00	0.98	1.08	1.16	1.11	0.96	0.94	0.88	0.73	0.38	0.98
0.58	0.64	0.72	0.82	1.02	0.95	0.72	0.57	0.55	0.52	0.50	0.90	0.70
-	-	-	-	-	-	-	-	-	-	-	-	-
0.95	1.09	1.10	1.13	1.14	0.96	1.23	0.64	0.58	0.52	0.67	0.50	0.88
1.00	0.90	0.80	0.92	0.86	0.90	0.85	0.52	0.37	0.44	0.43	0.44	0.61
0.78	0.74	0.80	0.68	0.77	1.00	0.87	0.59	0.56	0.53	0.64	0.79	0.70
0.53	0.43	0.46	0.86	0.77	0.83	0.61	0.86	0.75	0.61	0.45	0.40	0.68
1.07	0.96	0.97	1.02	0.87	0.88	1.07	0.86	0.89	1.12	1.16	1.15	0.81
0.72	0.75	0.63	0.53	0.50	0.62	0.76	0.76	0.68	0.57	0.52	0.44	0.68
0.86	0.72	0.66	0.59	0.79	0.76	1.07	0.76	0.59	0.65	0.64	0.74	0.86
1.05	0.94	0.98	1.14	0.94	0.98	0.98	0.82	0.85	1.12	1.28	1.02	1.03
1.00	0.95	0.90	1.10	1.07	1.04	0.91	0.76	0.82	0.95	1.12	0.94	1.02
0.84	0.86	0.84	0.92	0.61	0.74	0.87	0.62	0.55	0.56	0.56	0.46	0.83
0.97	0.84	0.86	0.97	0.92	0.80	0.69	0.55	0.50	0.44	0.45	0.48	0.69
1.13	0.94	0.87	1.00	0.92	1.05	0.86	0.69	0.68	0.76	0.66	0.68	0.97
1.28	1.06	0.82	0.88	0.79	0.87	0.96	0.69	0.63	0.78	0.79	0.86	1.04
1.00	0.93	0.96	0.92	0.88	0.82	0.68	0.90	-	-	-	-	1.09
0.86	0.99	1.04	0.98	1.05	0.66	0.47	0.47	0.50	0.47	0.52	0.54	0.78
1.10	1.10	1.12	1.09	1.13	1.08	0.74	0.68	0.82	1.16	1.27	1.25	1.04
1.12	1.20	1.49	0.64	0.38	1.20	0.31	0.77	0.74	0.86	0.85	1.11	0.89
0.92	0.88	0.76	0.77	0.74	0.43	1.10	0.86	1.15	-	-	-	0.88
1.07	0.86	1.17	0.62	0.96	1.18	1.04	0.95	1.09	1.29	1.26	1.36	0.96
0.92	0.82	0.88	0.84	0.82	0.97	0.72	0.80	0.78	0.57	0.55	0.53	0.90
0.95	0.92	0.91	0.90	0.91	0.92	0.85	0.75	0.75	0.77	0.81	0.78	0.87

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
1.11	1.22	1.19	1.10	0.92	-	-	0.78	0.82	0.70	0.56	-	0.72
0.66	0.69	0.74	0.74	1.12	0.71	0.62	0.57	-	-	0.55	0.52	0.73
0.40	0.45	0.44	0.43	0.45	0.51	0.48	0.42	0.40	0.40	0.47	0.49	0.45
0.88	1.01	1.00	0.88	0.98	0.87	0.94	0.45	0.65	0.63	0.65	0.82	0.71
0.84	0.77	0.81	0.86	0.86	0.83	0.72	0.57	0.47	0.34	0.38	0.45	0.69
0.95	0.82	0.88	0.92	1.02	1.01	0.49	-	-	-	-	-	0.80
0.98	0.71	0.55	0.85	0.77	0.89	0.55	0.85	1.13	1.21	1.33	1.22	0.88
0.82	0.92	0.94	0.91	0.95	1.02	0.82	0.78	0.75	0.67	0.68	0.22	0.85
0.57	0.57	0.64	0.78	0.94	0.89	0.64	0.53	0.46	0.46	0.70	-	0.61
-	-	-	-	-	-	-	-	-	-	-	-	-
0.96	1.00	1.02	0.97	0.99	0.97	0.99	0.55	0.47	0.47	0.53	0.42	0.77
0.76	0.76	0.71	0.74	0.77	0.70	0.64	0.46	0.32	0.37	0.37	0.35	0.52
0.74	0.67	0.70	0.69	0.62	0.92	0.62	0.50	0.44	0.42	0.60	0.69	0.60
0.58	0.40	0.38	0.59	0.66	0.64	0.59	0.66	0.58	0.48	0.42	0.36	0.59
0.98	0.83	0.78	0.81	0.73	0.90	0.93	0.69	0.72	0.98	1.02	0.90	0.70
0.62	0.66	0.56	0.42	0.46	0.62	0.66	0.80	0.48	0.40	0.48	0.51	0.57
0.72	0.60	0.53	0.53	0.76	0.70	0.94	0.62	0.53	0.53	0.46	0.48	0.74
0.88	0.86	0.88	0.92	0.70	0.82	0.80	0.98	0.84	1.20	1.35	0.86	0.92
0.91	0.84	0.89	0.98	0.98	0.91	0.89	0.60	0.66	0.82	1.00	1.02	0.98
0.72	0.84	0.74	0.72	0.62	0.66	0.62	0.50	0.44	0.46	0.40	0.38	0.73
0.88	0.74	0.94	0.85	0.83	0.64	0.55	0.51	0.46	0.40	0.37	0.37	0.60
0.92	0.77	0.78	0.87	0.83	0.94	0.62	0.58	0.60	0.64	0.55	0.62	0.89
1.15	0.80	0.74	0.84	0.77	0.95	0.82	0.60	0.58	0.74	0.78	0.78	0.98
0.88	0.87	0.92	0.73	0.76	0.71	0.62	0.92	-	-	-	-	1.06
0.76	0.90	0.94	1.00	0.87	0.50	0.40	0.44	0.42	0.44	0.46	0.46	0.69
1.08	1.05	0.93	1.00	0.95	0.82	0.60	0.60	0.88	1.21	1.12	1.36	0.95
0.69	1.37	1.46	1.31	1.41	1.46	1.48	1.04	1.06	1.20	0.86	1.36	1.11
0.90	0.80	0.74	0.78	0.71	0.48	1.04	0.72	1.04	-	-	-	0.82
0.76	0.90	1.14	1.03	1.20	0.86	1.03	0.94	1.08	1.22	1.36	0.78	0.91
0.80	0.76	0.80	0.77	0.72	0.80	0.65	0.74	0.71	0.46	0.48	0.48	0.92
0.82	0.81	0.82	0.83	0.84	0.81	0.74	0.66	0.65	0.67	0.69	0.66	0.77

IONES LIVIANOS POSITIVOS "n+" por cm³

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	521	521	782	521	521	521	521	521	521	347	521	707
2	608	608	608	608	608	521	782	970	1194	1115	1115	955
3	347	347	347	347	347	347	347	434	782	825	707	521
4	347	260	260	260	260	347	477	868	868	868	868	782
5	521	434	521	434	347	347	521	707	782	868	868	782
6	347	434	434	347	347	347	570	782	868	-	-	-
7	434	434	434	347	347	347	521	782	955	782	707	782
8	608	707	608	608	608	521	608	521	521	521	608	868
9	260	260	260	260	260	434	434	707	707	434	434	260
10	-	-	-	-	-	-	-	-	-	-	-	-
11	260	260	260	260	260	347	434	347	521	782	955	868
12	260	260	347	260	434	434	347	955	-	-	-	-
13	260	347	347	347	347	260	521	707	782	782	521	347
14	434	434	434	434	521	434	434	478	434	434	521	347
15	260	174	174	260	260	260	347	871	868	1115	744	707
16	521	434	347	347	347	347	347	691	868	707	782	707
17	347	608	707	707	608	608	782	955	868	782	782	707
18	434	521	707	608	707	707	782	1035	1115	955	1035	868
19	230	608	608	608	521	434	564	434	707	608	782	1115
20	347	434	434	434	174	434	347	434	434	608	707	868
21	260	217	217	174	347	347	521	868	707	707	608	521
22	260	260	478	608	707	782	955	1115	1194	1115	1035	1035
23	344	831	608	707	745	782	1035	1194	1115	1194	1115	1115
24	782	955	782	868	745	608	782	955	1194	955	868	868
25	347	434	434	651	782	521	782	868	782	868	608	521
26	260	260	347	434	434	347	347	695	995	1075	1115	1035
27	745	614	217	86	-	-	565	788	868	912	707	738
28	521	434	608	521	521	521	782	782	614	521	521	608
29	130	-	-	86	130	260	260	347	347	390	608	707
30	811	707	1354	745	217	434	390	871	1155	1150	738	1075
31												
Promedio	389	438	461	426	426	431	538	748	813	793	762	756

IONES LIVIANOS NEGATIVOS "n-" por cm³

DIAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	1194	1673	-	828	526	376	150	-	-	-	376	451
2	451	312	312	376	451	376	1008	1250	1250	1120	976	828
3	150	75	75	75	150	150	150	226	707	752	602	376
4	75	75	75	75	75	75	335	826	905	828	828	752
5	312	226	150	150	150	150	312	451	676	828	752	676
6	150	226	150	150	150	226	376	789	905	-	-	-
7	226	226	226	226	150	150	376	540	752	602	376	454
8	526	602	602	564	451	382	489	526	451	526	718	905
9	150	150	150	150	150	150	226	526	752	451	226	150
10	-	-	-	-	-	-	-	-	-	-	-	-
11	150	150	150	150	150	150	226	150	226	526	752	752
12	150	226	312	312	312	312	226	905	150	150	150	263
13	226	226	150	150	150	226	226	526	752	676	376	226
14	312	312	451	312	451	312	269	376	526	782	451	226
15	376	312	226	226	226	150	150	451	676	905	526	602
16	226	150	150	150	150	150	150	489	905	602	602	602
17	150	376	312	451	312	226	531	676	752	602	602	526
18	226	226	526	526	526	451	677	1120	1188	905	976	752
19	828	457	676	752	676	602	526	526	602	602	828	1188
20	868	1120	976	676	602	376	150	226	312	451	526	752
21	226	226	376	226	150	226	226	752	676	602	526	526
22	301	150	682	1320	1250	752	1120	1320	1460	1250	1188	976
23	312	828	1188	1250	1250	976	1188	1460	1390	1320	1320	1052
24	-	-	-	-	-	-	-	-	-	1052	976	868
25	376	231	226	602	419	312	652	905	676	828	451	414
26	150	376	376	312	376	226	226	640	976	1120	1120	976
27	905	867	940	1527	-	-	677	790	879	828	639	602
28	828	828	864	1012	376	676	526	451	376	312	312	451
29	751	1795	1390	828	676	451	376	376	150	231	451	451
30	676	-	1320	1052	1250	1052	976	382	902	1154	715	1082
31												
Promedio	360	384	483	486	408	344	442	654	740	741	655	638

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
707	608	707	707	608	608	608	608	658	707	608	608	432
868	707	707	707	707	707	868	782	521	434	608	521	743
434	347	347	260	347	347	347	260	260	260	347	347	400
707	707	707	707	608	608	521	434	434	521	434	434	554
782	782	707	707	608	608	521	521	347	347	434	347	577
782	782	782	782	782	707	434	434	434	434	347	521	557
707	434	347	434	608	565	390	390	521	608	608	608	546
905	905	868	868	955	955	652	608	521	521	434	347	660
260	347	434	707	905	782	608	434	260	347	434	-	445
-	-	-	608	707	521	347	347	347	347	347	347	435
868	1035	955	868	782	782	434	347	347	260	260	260	531
707	868	868	707	707	707	608	347	347	347	260	260	502
347	260	260	347	434	521	434	347	347	260	347	434	413
347	521	390	782	608	478	347	521	347	347	260	260	439
707	707	521	521	434	521	347	434	434	521	608	608	517
707	707	782	434	434	434	347	347	347	347	347	260	497
434	521	707	608	782	707	608	521	347	347	434	434	621
955	782	782	707	521	434	434	440	434	608	521	576	694
1115	782	707	868	955	782	608	434	434	608	608	434	648
782	707	608	608	390	707	608	347	260	260	260	260	477
608	608	608	707	608	434	347	347	347	217	260	260	452
868	521	608	608	608	608	521	434	434	434	434	434	669
782	608	347	608	521	521	521	434	434	521	521	521	714
782	782	955	782	608	434	521	347	347	347	347	347	707
608	608	707	608	707	521	347	260	260	260	260	347	545
1035	1035	745	608	707	707	657	478	434	390	745	782	653
695	1035	1035	86	521	651	397	174	608	521	174	260	564
608	608	478	434	527	434	434	434	434	303	174	174	500
434	707	652	391	707	608	608	478	608	707	608	565	470
1075	868	868	782	707	608	564	521	564	347	390	347	720
711	686	662	618	637	600	500	427	414	416	414	410	562

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
602	602	752	676	526	526	526	526	526	376	376	451	365
752	602	602	602	676	676	601	312	312	150	150	75	592
312	312	226	150	150	150	150	150	75	150	150	150	234
602	602	676	526	526	376	194	150	150	226	312	312	399
676	602	526	451	376	312	226	150	226	226	150	226	374
905	828	752	752	676	339	150	150	150	150	150	150	394
451	312	226	376	451	312	150	376	526	526	676	602	387
905	905	828	752	752	828	338	312	226	226	226	150	550
269	312	457	868	976	676	376	376	312	226	312	-	365
-	-	-	-	-	312	312	226	150	226	226	150	229
752	828	752	676	602	526	226	226	226	226	150	150	370
602	676	752	602	676	602	451	226	226	150	150	150	364
226	150	150	269	376	312	226	226	150	150	312	376	285
382	263	451	526	376	376	419	451	300	376	451	526	403
526	526	376	312	150	312	231	226	312	451	451	312	400
602	602	602	312	312	226	150	150	150	150	226	226	335
376	526	602	526	526	451	312	263	226	150	226	226	414
752	526	526	451	226	226	226	451	451	676	828	752	591
1188	752	526	864	905	752	451	312	312	376	526	790	667
676	526	451	602	376	602	382	226	150	150	150	226	481
602	526	602	602	526	312	226	226	150	226	226	150	380
752	376	451	451	526	526	312	312	312	312	370	312	699
602	451	312	451	376	226	451	269	226	451	-	-	789
602	790	828	639	467	301	312	226	150	226	188	376	533
451	526	526	526	602	451	226	226	226	226	226	226	439
940	828	752	602	676	564	451	269	312	752	867	867	615
676	1086	905	1052	1355	1458	1458	1797	1425	1149	1492	996	1068
451	451	376	376	494	344	312	312	312	312	376	526	486
526	828	976	752	905	526	676	451	564	752	1052	609	689
1052	752	752	752	602	526	301	312	376	312	381	564	750
628	588	576	569	557	471	361	330	307	335	392	380	493

IONES PESADOS POSITIVOS "N^+" por cm^3

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
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					APARATOS	en	REPARACIONES					
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Promedio												

IONES PESADOS NEGATIVOS "N^-" por cm^3

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
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					APARATOS	en	REPARACIONES					
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Promedio												

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
					APARATOS en REPARACIONES							

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
					APARATOS en REPARACIONES							

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	12.1	13.6	13.6	16.6	15.1	3.0	- 6.4	- 6.4	- 3.2	4.5	- 3.2	1.5	1.5
2	- 6.4	1.5	- 3.2	- 3.2	3.0	- 6.4	-11.1	-11.1	- 4.8	1.5	- 8.0	- 3.2	- 4.8
3	- 9.5	- 1.6	1.5	1.5	- 1.6	- 9.5	-14.3	- 6.4	- 1.6	4.5	- 3.2	1.5	- 1.6
4	1.5	- 1.6	1.5	3.0	3.0	- 6.4	- 6.4	- 4.8	1.5	3.0	3.0	7.6	1.5
5	- 1.6	3.0	1.5	6.0	7.6	- 4.8	- 6.4	- 8.0	3.0	3.0	4.5	7.6	6.0
6	- 6.4	3.0	3.0	- 3.2	3.0	- 6.4	- 8.0	- 6.4	- 4.8	-	-	-	- 3.2
7	3.0	4.5	3.0	4.5	4.5	- 3.2	- 3.2	- 1.6	3.0	9.1	6.0	3.0	- 1.6
8	9.1	9.1	3.0	-	-	-	-	- 3.2	3.0	9.1	6.0	3.0	3.0
9	4.5	7.6	9.1	7.6	6.0	6.0	6.0	3.0	3.0	4.5	6.0	3.0	1.6
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	9.1	9.1	9.1	9.1	12.1	12.1
12	6.0	9.1	9.1	9.1	12.1	4.5	- 1.6	1.5	4.5	12.1	10.6	13.6	10.6
13	10.6	9.1	6.0	7.6	9.1	1.5	3.0	3.0	4.5	10.6	9.1	10.6	6.0
14	4.5	4.5	3.0	4.5	7.6	3.0	3.0	- 1.6	6.0	12.1	12.1	6.0	3.1
15	4.5	3.0	1.5	1.5	7.6	1.5	- 3.2	1.5	7.6	9.1	7.6	10.6	6.0
16	7.6	7.6	6.0	4.5	7.6	4.5	6.0	7.6	4.5	-	-	-	-
17	-	-	-	-	-	-	-	4.5	1.5	6.0	3.0	3.0	- 1.5
18	7.6	12.1	9.1	10.6	4.5	3.0	1.5	- 4.8	- 1.6	3.0	1.5	6.0	6.0
19	7.6	10.6	12.1	15.1	13.6	6.0	- 3.2	- 1.6	1.5	6.0	7.6	7.6	7.6
20	9.1	9.1	9.1	9.1	9.1	1.5	- 6.4	- 1.6	7.6	12.1	9.1	7.6	3.0
21	3.0	3.0	1.5	1.5	1.5	- 3.2	- 6.4	- 3.2	1.5	4.5	1.5	1.5	1.5
22	4.5	3.0	3.0	3.0	1.5	- 4.8	- 6.4	- 3.2	1.6	6.0	3.0	1.5	1.5
23	4.5	- 1.6	1.5	1.5	1.5	- 3.2	- 4.8	- 3.2	1.5	1.5	1.5	- 1.6	- 1.6
24	-	-	-	-	-	-	-	1.5	4.5	7.6	6.0	4.5	6.0
25	3.0	3.0	3.0	3.0	3.0	- 1.6	- 1.6	1.5	3.0	6.0	4.5	3.0	3.0
26	7.6	6.0	3.0	4.5	1.5	- 4.8	1.5	- 1.6	- 1.6	6.0	6.0	6.0	4.5
27	4.5	3.0	3.0	6.0	6.0	1.5	1.5	3.0	7.6	6.0	12.1	6.0	4.5
28	3.0	3.0	1.5	3.0	- 1.6	- 6.4	- 4.8	1.5	4.5	4.5	3.0	9.1	4.5
29	7.6	6.0	6.0	9.1	10.6	6.0	6.0	7.6	6.0	7.6	7.6	6.0	6.0
30	15.1	22.7	25.7	22.7	15.1	12.1	7.6	6.0	7.6	10.6	12.1	15.1	18.1
31													
Prom	4.5	5.9	5.3	6.0	6.0	- 0.2	- 2.3	- 0.6	2.8	6.6	5.1	5.6	3.6
Var.	1.7	3.1	2.5	3.2	3.2	- 3.0	- 5.1	- 3.4	0.0	3.8	2.3	2.8	0.8

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-55.4	-42.6	-44.0	-54.0	-68.2	-61.1	-73.8	-45.4	-49.7	-48.3	-48.3	-48.3	-48.3
2	-45.4	-44.0	-42.6	-39.8	-34.1	-42.6	-42.6	-42.6	-44.0	-41.2	-48.3	-38.3	-41.2
3	-51.1	-44.0	-38.3	-38.3	-46.9	-49.7	-52.5	-41.2	-42.6	-44.0	-44.0	-41.2	-39.8
4	-35.5	-34.1	-41.2	-38.3	-44.0	-46.9	-46.9	-39.8	-35.5	-38.3	-38.3	-39.8	-39.8
5	-38.3	-39.8	-39.8	-38.3	-42.6	-45.4	-45.4	-44.0	-38.3	-36.9	-41.2	-38.3	-39.8
6	-42.6	-42.6	-42.6	-42.6	-45.4	-52.5	-45.4	-39.8	-38.3	-	-	-	-36.9
7	-36.9	-34.1	-39.8	-38.3	-46.9	-46.9	-42.6	-38.3	-41.2	-36.9	-38.3	-38.3	-34.1
8	-39.8	-46.9	-44.0	-	-	-	-	-45.4	-45.4	-38.3	-39.8	-39.8	-36.9
9	-44.0	-44.0	-48.3	-42.6	-45.4	-46.9	-46.9	-45.4	-46.9	-46.9	-46.9	-45.4	-45.4
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-46.9	-46.9	-48.3	-42.6	-38.3	-38.3
12	-44.0	-44.0	-42.6	-42.6	-45.4	-51.1	-51.1	-42.6	-48.3	-36.9	-44.0	-44.0	-45.4
13	-41.2	-41.2	-39.8	-42.6	-45.4	-51.1	-45.4	-42.6	-38.3	-41.2	-42.6	-42.6	-44.0
14	-39.8	-41.2	-41.2	-42.6	-45.4	-45.4	-44.0	-42.6	-39.8	-41.2	-42.6	-44.0	-44.0
15	-34.1	-39.8	-38.3	-36.9	-41.2	-38.3	-42.6	-41.2	-38.3	-42.6	-45.4	-41.2	-41.2
16	-38.3	-42.6	-42.6	-36.9	-39.8	-44.0	-41.2	-44.0	-39.8	-	-	-	-
17	-	-	-	-	-	-	-	-36.9	-44.0	-39.8	-38.3	-38.3	-36.9
18	-42.6	-36.9	-39.8	-36.9	-41.2	-44.0	-39.8	-35.5	-35.5	-31.2	-36.9	-34.1	-36.9
19	-32.7	-32.7	-35.5	-39.8	-44.0	-45.4	-48.3	-48.3	-48.3	-44.0	-45.4	-45.4	-46.9
20	-44.0	-44.0	-41.2	-44.0	-48.3	-48.3	-48.3	-41.2	-42.6	-41.2	-42.6	-42.6	-39.8
21	-38.3	-38.3	-39.8	-39.8	-45.4	-48.3	-45.4	-42.6	-42.6	-35.5	-39.8	-41.2	-39.8
22	-35.5	-35.5	-36.9	-36.9	-39.8	-42.8	-44.0	-41.2	-36.9	-36.9	-38.3	-36.9	-35.5
23	-32.7	-39.8	-35.5	-35.5	-35.5	-38.3	-39.8	-38.3	-34.1	-34.1	-36.9	-36.9	-35.5
24	-	-	-	-	-	-	-	-36.9	-34.1	-34.1	-35.5	-34.1	-35.5
25	-38.3	-34.1	-35.5	-36.9	-35.5	-42.6	-38.3	-34.1	-35.5	-31.2	-34.1	-36.9	-38.3
26	-31.2	-34.1	-35.5	-35.5	-39.8	-44.0	-36.9	-35.5	-35.5	-31.2	-34.1	-34.1	-35.5
27	-31.2	-36.9	-35.5	-35.5	-34.1	-41.2	-38.3	-34.1	-31.2	-32.7	-31.2	-34.1	-32.7
28	-34.1	-36.9	-38.3	-36.9	-42.6	-48.3	-42.6	-38.3	-34.1	-34.1	-34.1	-31.2	-34.1
29	-31.2	-34.1	-34.1	-34.1	-32.7	-36.9	-36.9	-34.1	-34.1	-32.7	-31.2	-32.7	-36.9
30	-28.4	-22.7	-21.3	-22.7	-25.6	-31.2	-34.1	-35.5	-35.5	-34.1	-29.8	-29.8	-28.4
31													
Prom	-38.7	-38.7	-39.0	-38.7	-42.2	-45.3	-44.5	-40.5	-39.9	-38.3	-39.6	-38.8	-38.9
Var.	0.6	0.6	0.3	0.6	- 2.9	- 6.0	- 5.2	- 1.2	- 0.6	1.0	- 0.3	0.5	0.4

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
- 3.2	-13.6	-16.6	-10.6	-13.6	-13.6	- 9.5	- 4.8	- 6.4	- 6.4	- 6.4	- 1.8	1
-11.1	- 9.5	- 9.5	- 8.0	- 4.8	- 8.0	- 6.4	- 3.2	- 4.8	- 8.0	- 9.5	- 5.8	1
- 3.2	- 6.4	- 8.0	- 9.5	- 6.4	- 6.4	- 6.4	- 4.8	3.0	- 3.2	- 3.2	- 3.9	2
1.5	- 6.4	- 3.2	- 6.4	- 8.0	- 3.2	- 1.6	4.5	3.0	3.0	1.5	- 0.4	1
4.5	- 6.4	- 6.4	- 6.4	- 1.6	- 1.6	3.0	3.0	3.0	1.5	- 4.8	0.4	2
- 4.8	- 3.2	- 1.6	1.5	- 1.6	1.5	1.5	1.5	1.5	4.5	4.5	- 1.1	1
- 1.6	- 3.2	- 4.8	- 4.8	- 8.0	3.0	4.5	3.0	9.1	7.6	7.6	1.8	1
3.0	- 4.8	- 3.2	- 6.4	- 4.8	1.5	1.5	3.0	3.0	10.6	4.5	2.5	2
- 3.2	- 4.8	- 6.4	- 6.4	8.0	- 3.2	1.5	1.5	4.5	4.5	-	2.8	1
-	10.6	10.6	7.6	9.1	-	-	-	-	-	-	9.5	-
9.1	- 3.2	3.0	1.5	1.5	- 1.6	1.5	4.5	7.6	10.6	9.1	6.1	1
7.6	4.5	1.5	- 1.6	1.5	4.5	3.0	6.0	7.6	10.6	9.1	6.5	1
6.0	4.5	3.0	1.5	3.0	1.5	3.0	1.5	6.0	3.0	3.0	5.3	0
6.0	3.0	- 1.6	- 1.6	3.0	3.0	6.0	6.0	10.6	7.6	7.6	4.9	1
7.6	1.5	- 1.6	- 3.2	3.0	1.5	3.0	7.6	7.6	9.1	7.6	4.3	1
-	-	-	-	-	-	-	-	-	-	-	6.2	1
3.0	3.0	- 1.6	- 8.0	1.5	- 3.2	3.0	9.1	9.1	10.6	6.0	2.8	2
3.0	3.0	1.5	1.5	3.0	4.5	3.0	3.0	4.5	4.5	6.0	4.0	1
7.6	6.0	3.0	3.0	- 1.6	- 1.6	3.0	4.5	6.0	7.6	9.1	5.7	0
4.5	3.0	- 1.6	- 1.6	- 1.6	1.5	3.0	- 3.2	1.5	4.5	1.5	3.7	2
- 1.6	1.5	1.5	1.5	1.5	- 1.6	- 3.2	- 1.6	3.0	3.0	1.5	0.6	1
1.5	3.0	1.5	- 1.6	- 1.6	1.5	3.0	1.5	6.0	3.0	- 1.6	1.3	1
1.5	1.5	4.5	3.0	3.0	- 3.2	-	-	-	-	-	4.1	1
1.5	1.5	1.5	3.0	4.5	6.0	4.5	3.0	6.0	4.5	- 1.6	3.8	1
3.0	1.5	- 1.6	- 1.6	1.5	1.5	3.0	4.5	4.5	6.0	3.0	2.4	1
1.5	4.5	3.0	- 3.2	1.5	- 1.6	- 1.6	9.1	6.0	9.1	3.0	2.9	1
6.0	4.5	3.0	3.0	1.5	3.0	- 3.2	3.0	- 1.6	6.0	13.6	4.3	0
6.0	6.0	4.5	3.0	3.0	6.0	6.0	6.0	6.0	9.1	6.0	3.6	1
3.0	- 4.8	- 1.6	- 1.6	1.5	1.5	1.5	3.0	3.0	7.6	4.5	4.6	1
9.1	7.6	9.1	7.6	10.6	12.1	15.1	15.1	19.7	24.2	18.0	14.1	1
2.4	0.2	- 0.6	- 1.5	0.3	0.2	1.5	3.2	4.8	5.7	3.8	2.8	
- 0.4	- 2.6	- 3.4	- 4.3	- 2.5	- 2.6	- 1.3	0.4	2.0	2.9	1.0		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-46.9	-42.6	-44.0	-44.0	-46.9	-42.6	-46.9	-39.8	-35.5	-36.9	-42.6	-48.2	2
-39.8	-45.4	-39.8	-36.9	-42.6	-44.0	-39.8	-36.9	-38.3	-34.1	-38.3	-40.9	1
-44.0	-39.8	-41.2	-42.6	-41.2	-42.6	-42.6	-35.5	-34.1	-39.8	-48.3	-42.7	1
-41.2	-39.8	-39.8	-44.0	-46.9	-41.2	-44.0	-36.9	-38.3	-34.1	-38.3	-40.1	1
-42.6	-44.0	-39.8	-42.6	-41.2	-39.8	-41.2	-38.3	-42.6	-36.9	-45.4	-40.9	1
-44.0	-39.8	-34.1	-35.5	-39.8	-36.9	-41.2	-35.5	-36.9	-38.3	-42.6	-40.6	1
-38.3	-38.3	-39.8	-39.8	-38.3	-39.8	-44.0	-35.5	-38.3	-39.8	-44.0	-39.5	1
-39.8	-35.5	-36.9	-42.6	-42.6	-44.0	-42.6	-44.0	-42.6	-39.8	-42.6	-41.4	1
-45.4	-45.4	-45.4	-46.9	-46.9	-48.4	-45.4	-44.0	-45.4	-44.0	-	-45.7	0
-	-42.6	-41.2	-45.4	-45.4	-	-	-	-	-	-	-43.7	-
-39.8	-44.0	-41.2	-46.9	-44.0	-42.6	-46.9	-42.6	-44.0	-38.3	-42.6	-43.2	0
-45.4	-42.6	-41.2	-48.3	-44.0	-42.6	-45.4	-41.2	-39.8	-35.5	-39.8	-43.6	1
-45.4	-42.6	-41.2	-44.0	-42.6	-44.0	-45.4	-44.0	-41.2	-42.6	-44.0	-43.1	1
-46.9	-45.4	-42.6	-44.0	-48.3	-44.0	-46.9	-38.3	-36.9	-35.5	-38.3	-42.5	0
-44.0	-39.8	-35.5	-42.6	-45.4	-45.4	-46.9	-42.6	-39.8	-35.5	-39.8	-40.8	1
-	-	-	-	-	-	-	-	-	-	-	-41.0	1
-38.3	-35.5	-34.1	-39.8	-38.3	-38.3	-39.8	-35.5	-35.5	-32.7	-38.3	-37.7	1
-36.9	-36.9	-36.9	-35.5	-35.5	-35.6	-36.9	-39.8	-38.3	-36.9	-38.3	-37.4	2
-44.0	-42.6	-38.3	-42.6	-42.6	-45.4	-46.9	-44.0	-42.6	-42.6	-45.4	-43.1	1
-39.8	-38.3	-41.2	-41.2	-41.2	-39.8	-38.5	-41.2	-35.5	-36.9	-41.2	-41.8	2
-41.2	-38.3	-39.8	-38.3	-38.3	-41.2	-39.8	-39.8	-34.1	-36.9	-39.8	-40.2	1
-38.3	-32.7	-34.1	-36.9	-36.9	-36.9	-38.3	-34.1	-34.1	-34.1	-36.9	-37.1	0
-35.5	-36.9	-34.1	-34.1	-34.1	-36.9	-	-	-	-	-	-36.0	1
-36.9	-35.5	-35.5	-35.5	-34.1	-34.1	-34.1	-31.2	-32.7	-39.8	-44.0	-35.5	0
-34.1	-35.5	-38.3	-35.5	-36.9	-36.9	-35.5	-29.8	-31.2	-29.8	-34.1	-35.4	1
-35.5	-34.1	-31.2	-36.9	-34.1	-35.5	-36.9	-31.2	-34.1	-31.2	-36.9	-35.0	0
-31.2	-34.1	-34.1	-36.9	-36.9	-36.9	-39.8	-35.5	-39.8	-35.5	-39.8	-35.4	1
-32.7	-31.2	-32.7	-34.1	-34.1	-31.2	-34.1	-32.7	-35.5	-31.2	-34.1	-35.4	0
-42.6	-45.4	-38.3	-38.3	-38.3	-38.3	-38.3	-36.9	-36.9	-32.7	-35.5	-36.0	0
-32.7	-31.2	-32.7	-34.1	-32.7	-32.7	-29.8	-31.2	-28.4	-24.1	-24.1	-29.7	1
-40.1	-39.2	-38.1	-40.2	-40.3	-39.9	-41.0	-37.7	-37.5	-36.1	-39.8	-39.3	
- 0.8	0.1	1.2	- 0.9	- 1.0	- 0.6	- 1.7	1.6	1.8	3.2	- 0.5		

PRESIÓN ATMOSFÉRICA

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	50.4	50.3	50.3	48.3	48.9	50.1	50.2	51.0	51.4	51.4	51.6	52.5	53.1	53.6	54.4
2	61.0	61.7	62.2	62.4	63.0	63.2	63.8	64.7	66.1	65.4	65.3	65.1	65.0	64.7	64.4
3	67.0	66.9	66.5	66.3	66.4	66.7	66.8	67.4	67.2	67.4	67.3	66.6	66.1	65.7	65.2
4	65.2	65.0	65.0	65.1	65.2	65.5	65.5	65.3	65.2	64.6	64.2	63.6	62.7	62.0	61.2
5	61.4	60.9	60.7	60.6	61.0	61.4	61.4	61.6	61.6	61.6	61.4	60.8	60.4	59.8	59.3
6	59.0	58.9	58.7	58.6	58.8	59.0	59.4	58.9	58.6	58.3	57.7	57.1	56.6	56.0	55.5
7	56.0	56.0	56.1	56.3	56.5	56.8	57.3	57.4	57.3	57.4	57.4	57.2	56.8	56.4	56.4
8	61.0	60.7	60.5	60.6	60.9	61.2	61.2	61.6	61.5	61.6	61.3	61.1	61.0	60.6	60.1
9	60.4	60.1	59.8	59.6	59.7	59.7	59.9	59.9	59.4	59.1	58.6	58.5	58.2	57.9	57.2
10	57.2	57.6	57.4	57.4	57.9	58.3	58.9	59.2	59.4	59.4	59.2	59.1	59.2	59.0	58.8
11	58.2	57.8	57.7	57.9	58.6	58.9	59.0	59.0	59.0	59.0	58.8	58.5	58.3	58.0	57.6
12	58.2	58.2	58.2	58.1	58.5	58.8	58.2	59.6	59.8	59.1	58.8	58.4	58.0	57.3	56.6
13	56.4	56.3	56.6	56.6	56.6	56.8	57.0	57.2	56.9	56.7	56.6	56.2	55.9	55.4	54.9
14	54.7	54.4	56.7	54.0	55.7	56.1	55.8	56.2	56.4	56.2	55.5	56.7	56.6	55.2	54.4
15	53.2	53.5	53.8	53.9	53.0	54.6	54.9	55.6	55.1	55.1	55.3	55.4	54.6	55.2	54.9
16	57.3	57.0	57.1	57.2	57.9	58.2	58.7	59.2	59.3	59.1	59.0	58.9	58.3	58.2	57.3
17	57.6	56.6	58.2	58.7	59.0	59.2	59.2	59.2	59.0	58.6	58.1	57.4	57.2	56.6	56.0
18	55.1	55.0	54.9	55.0	55.2	55.4	55.5	55.6	55.4	55.7	56.0	55.8	55.3	55.0	55.0
19	58.0	57.9	57.7	57.9	58.0	58.4	58.9	59.3	59.5	59.9	60.0	59.8	59.5	59.5	59.5
20	61.5	61.4	61.4	61.6	62.0	62.5	62.9	63.5	63.5	63.6	63.4	63.3	62.8	62.4	62.1
21	62.0	61.7	61.6	61.7	62.1	62.6	63.0	63.2	63.2	63.1	62.9	62.6	62.2	61.7	61.3
22	60.7	60.6	60.8	60.9	61.2	61.4	61.3	61.4	61.3	61.1	60.9	60.4	59.8	59.4	59.0
23	58.3	58.2	58.3	58.6	58.8	59.0	59.1	59.3	58.9	58.7	58.5	57.8	57.4	57.1	56.7
24	57.3	57.4	57.2	57.5	58.0	58.5	58.9	59.2	58.9	58.8	57.3	57.5	57.9	57.6	57.0
25	56.2	56.1	56.1	56.2	57.5	56.9	57.3	57.4	57.5	57.1	56.9	56.3	56.3	55.4	54.8
26	54.0	53.7	53.6	53.4	53.6	53.8	53.8	53.8	53.8	54.0	54.3	53.6	53.0	52.7	52.5
27	52.0	52.0	52.1	52.1	52.5	52.8	53.0	52.9	53.2	53.3	53.5	53.4	53.9	53.8	55.4
28	55.9	55.9	55.9	56.1	56.2	56.4	56.6	57.0	57.1	57.4	57.3	57.1	57.0	56.8	56.3
29	56.8	56.5	56.5	56.6	57.0	57.4	57.6	57.6	57.1	56.7	56.1	55.3	55.2	54.6	54.4
30	55.7	52.3	53.2	54.4	54.5	54.5	54.8	55.3	55.6	55.7	55.7	55.8	55.9	56.2	55.8
31															
Prom	57.9	57.7	57.8	57.8	57.1	57.5	57.7	59.0	58.9	58.8	58.6	58.4	58.1	57.8	57.5

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	14.2	14.4	14.6	15.0	15.2	15.5	15.8	16.6	16.5	15.6	15.4	16.0	16.0	15.2	14.0
2	6.3	5.4	5.1	4.3	4.0	4.6	7.1	8.6	10.0	8.3	11.9	12.8	13.3	13.2	14.1
3	3.3	3.1	2.9	2.8	2.3	4.1	8.4	11.0	12.7	14.3	15.4	15.7	16.4	17.0	16.0
4	6.0	5.5	4.5	3.6	3.2	5.3	10.6	13.4	15.3	16.7	17.6	18.5	19.2	19.5	20.2
5	11.1	10.8	9.9	9.4	9.5	13.0	15.1	16.0	18.9	20.9	22.2	23.0	23.9	24.2	24.1
6	12.3	11.5	11.5	11.5	10.6	12.8	16.4	18.8	20.9	21.9	22.6	23.6	23.7	24.4	24.5
7	13.3	13.1	12.5	12.0	12.4	14.6	19.1	21.6	23.1	23.8	24.9	26.3	26.5	27.6	27.6
8	13.0	12.5	12.0	11.8	11.8	11.8	11.8	12.0	12.1	12.1	14.2	15.2	16.6	17.6	17.7
9	7.9	7.0	7.2	7.0	6.4	8.7	12.7	14.4	15.7	16.6	17.8	19.2	19.9	18.0	18.2
10	13.1	12.7	12.4	12.5	13.0	14.9	16.3	16.4	16.4	16.6	16.7	16.1	15.4	15.2	15.1
11	9.5	9.9	9.1	9.1	8.7	9.7	13.5	15.4	17.8	19.6	20.9	21.6	22.6	23.2	23.7
12	11.4	10.4	9.9	9.4	9.0	11.4	16.4	19.4	21.5	22.4	23.1	23.5	23.6	24.0	23.5
13	15.8	15.5	13.7	12.5	11.3	15.8	19.8	21.6	22.9	24.6	22.6	26.7	26.7	28.2	26.7
14	18.7	18.2	18.1	18.3	18.1	18.4	20.0	19.6	19.7	19.3	20.6	20.1	19.3	18.6	19.1
15	15.3	15.1	14.5	14.8	16.1	19.1	21.1	20.6	21.6	23.7	25.0	24.7	23.6	24.2	24.6
16	13.8	13.0	12.7	12.6	12.2	15.4	19.3	19.6	19.9	21.4	22.3	23.1	23.5	23.2	23.2
17	16.9	17.6	16.2	15.4	15.1	15.5	19.1	19.4	20.5	22.2	22.9	24.0	24.7	24.5	24.5
18	12.1	12.9	13.5	13.5	13.5	15.2	17.8	20.0	21.2	22.5	23.0	24.3	25.2	25.2	25.4
19	12.0	11.9	11.9	12.1	12.2	12.2	12.3	12.4	12.5	12.5	13.4	14.8	17.0	17.0	17.1
20	11.7	11.3	11.1	10.8	11.0	11.3	11.8	13.8	15.5	16.9	18.2	19.2	21.0	21.8	22.4
21	11.3	12.5	10.6	10.7	11.4	14.5	17.2	19.0	20.3	21.5	22.2	22.7	23.8	24.4	24.3
22	14.1	15.1	14.3	13.7	14.5	17.0	19.3	20.2	21.9	23.4	25.2	25.2	26.0	26.6	26.6
23	16.9	16.3	15.3	14.5	14.1	15.3	18.0	20.7	17.7	24.3	25.5	26.8	27.6	27.2	27.5
24	18.5	18.0	17.3	17.2	17.2	17.8	18.5	20.0	23.4	25.7	27.5	28.1	27.7	27.0	27.0
25	18.4	16.5	16.5	16.3	17.5	19.3	22.2	23.6	25.4	26.5	27.8	29.1	29.6	29.6	29.7
26	20.5	20.0	19.6	19.1	19.7	20.4	23.7	24.7	26.8	28.1	29.3	30.7	32.5	32.0	30.3
27	20.6	19.8	19.3	18.7	20.6	22.7	25.1	26.4	28.6	29.8	30.8	30.8	28.2	28.6	21.3
28	18.5	18.3	17.1	16.7	17.5	18.4	20.4	21.5	22.7	24.1	26.5	28.2	29.4	30.9	31.2
29	19.6	19.3	18.4	18.3	18.3	18.8	20.8	24.3	27.6	29.0	30.3	31.5	27.0	26.3	25.0
30	16.7	16.2	16.0	16.0	16.0	16.9	19.2	20.9	22.7	24.5	25.0	25.4	26.0	25.7	25.4
31															
Prom	13.8	13.5	12.9	12.6	12.7	14.3	17.0	18.4	19.7	21.0	22.0	22.9	23.0	23.3	23.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
55.2	56.8	57.9	59.3	60.2	60.3	60.3	60.5	60.4	60.5	23	48.0	4-5	12.5	754.1 mm.	1005.4 mb.
64.4	64.9	65.0	65.3	65.8	66.3	66.6	66.9	67.2	67.2	24	60.4	0	6.8	64.7	1019.4
64.9	64.7	65.1	65.3	65.3	65.6	65.7	65.8	65.6	67.4	10	59.7	16-17	7.7	66.1	1021.4
61.0	60.8	61.1	61.3	61.6	61.8	61.6	61.5	61.7	65.6	0	60.8	17	4.8	63.2	1017.6
59.2	59.0	59.0	59.3	59.4	59.6	59.4	59.4	59.3	61.7	0	59.0	17-18	2.7	60.3	1013.7
55.1	55.0	55.2	55.5	55.6	55.9	56.0	56.3	56.3	59.3	0	55.0	17	4.3	57.2	1009.6
56.7	56.8	57.4	57.9	59.2	59.9	60.2	60.9	60.8	61.1	23-24	56.0	1,2	5.1	57.5	1010.0
60.0	60.0	60.2	60.3	60.4	60.5	60.6	60.7	60.8	61.6	10	59.9	17-18	1.7	60.8	1014.4
57.5	57.5	57.8	58.0	58.4	58.8	58.4	58.6	57.9	60.8	0	57.2	15	3.6	58.8	1011.7
58.5	58.1	57.9	57.2	58.4	58.8	58.8	58.9	58.8	59.4	9,10	57.0	22-23	2.4	58.5	1011.3
57.5	57.4	57.5	57.5	58.0	58.2	58.6	58.6	58.5	59.2	6-7	57.4	17	1.8	58.2	1010.9
56.2	56.0	55.8	55.7	55.8	56.3	56.5	56.9	56.7	59.8	9	55.7	19	4.1	57.6	1010.1
54.7	54.7	54.8	54.9	55.1	55.1	55.0	55.0	54.9	57.2	8	54.7	16,17	2.5	55.8	1007.7
53.6	53.1	52.8	52.6	53.4	54.2	54.3	54.3	53.6	56.7	9-10	53.5	3-4	3.2	54.8	1006.4
54.9	55.0	55.5	56.1	56.8	56.8	57.6	57.6	57.4	57.7	22-23	53.2	1	4.5	55.2	1006.9
56.6	56.9	57.7	57.7	58.2	58.9	58.9	58.8	58.3	59.3	9	56.4	16-17	2.9	58.1	1010.8
55.4	55.3	55.4	55.5	55.8	56.0	55.9	55.6	55.3	59.3	8-9	55.3	17,24	4.0	57.1	1009.4
54.9	54.9	55.6	56.2	57.7	57.9	58.3	58.3	58.2	58.5	23-24	54.9	16,17	3.6	55.9	1007.8
59.6	59.8	59.9	60.3	60.9	61.1	61.4	61.5	61.6	61.6	24	57.7	3	3.9	59.6	1012.8
61.9	61.9	62.2	62.2	62.4	62.7	62.6	62.5	62.4	63.6	10	61.4	2,3	2.2	62.4	1016.5
61.0	60.7	60.9	61.0	61.3	61.3	61.2	61.0	60.8	63.2	8,9	60.7	17	2.5	61.8	1015.7
58.5	58.5	58.9	58.9	59.2	59.4	59.2	59.0	58.6	61.4	6,8	58.5	16,17	2.9	60.0	1013.3
56.4	56.4	56.5	56.5	56.6	57.2	57.4	57.2	57.3	59.3	8	56.4	16,17	2.9	57.8	1010.4
57.0	56.9	56.3	56.4	56.4	56.9	56.9	56.7	56.4	59.2	8	56.3	18	2.9	57.4	1009.8
54.2	53.9	54.1	54.7	54.7	55.0	54.6	54.5	54.2	57.6	6-7	53.9	17	3.7	55.7	1007.6
52.1	51.9	51.9	52.0	52.3	52.6	52.6	52.5	52.3	54.2	0	51.9	17,18	2.3	53.1	1004.1
54.4	54.6	55.3	53.5	54.1	54.4	55.1	56.5	56.3	56.5	23	52.0	1,2	4.5	53.8	1005.0
55.9	55.8	55.9	56.4	56.8	57.2	57.4	57.3	57.0	57.4	22	55.8	17	1.6	56.6	1008.8
53.7	53.3	53.4	53.3	53.1	54.2	53.9	53.9	55.2	57.6	7,8	53.0	20-21	4.6	55.4	1007.2
55.5	55.3	55.6	56.1	56.4	57.0	57.2	57.0	56.7	57.2	22	51.9	2-3	5.3	55.5	1007.3
57.2	57.2	57.4	57.6	58.0	58.3	58.4	58.5	58.4	60.0		56.1		3.9	58.1	1010.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.9	11.3	10.5	10.3	10.0	9.0	9.1	7.2	7.0	16.6	8	13.9	0-1	2.7	13.2
14.1	11.9	11.1	9.3	7.8	6.4	5.1	4.2	3.8	14.4	14-15	3.8	24	10.6	8.4
16.6	14.9	12.5	10.8	9.0	7.7	6.9	6.4	6.4	17.0	14	2.3	5	14.7	9.8
20.0	18.3	17.7	15.7	14.6	13.4	12.9	12.7	12.8	20.2	15	3.2	5	17.0	12.9
24.1	23.8	20.5	17.4	15.4	14.3	13.2	13.4	13.1	24.2	14	9.4	4	14.8	17.0
24.3	23.5	22.2	19.4	17.8	16.8	15.9	14.3	13.8	24.5	15	10.6	5	13.9	18.1
25.3	24.4	22.6	20.5	19.6	18.4	16.0	14.6	13.7	27.6	14,15	12.0	4	15.6	19.7
17.7	16.3	15.4	13.6	12.6	12.1	13.2	10.2	9.1	18.0	15-16	9.1	24	8.9	13.4
17.7	17.0	16.5	16.1	15.4	15.5	15.4	14.6	13.5	19.9	13	6.4	5	13.5	14.1
15.2	15.3	15.4	14.7	13.2	11.3	10.5	9.6	9.6	17.0	10-11	9.4	23-24	7.6	14.0
23.9	23.2	20.8	18.3	16.8	16.1	15.0	13.2	13.0	24.1	15-16	8.4	5-6	15.7	16.4
23.0	22.2	20.6	18.8	18.0	17.9	17.3	16.7	16.7	24.0	14	9.0	5	15.0	17.9
25.8	24.7	22.9	21.5	20.6	19.2	18.7	18.9	18.5	28.2	14	11.1	4-5	17.1	20.6
19.5	19.5	18.9	18.4	18.0	17.1	16.6	16.2	16.0	20.6	11	16.0	24	4.6	18.6
23.8	23.4	23.2	22.2	20.4	20.1	18.1	17.0	14.9	25.0	11	14.5	3	10.5	20.3
21.8	19.6	19.0	18.7	16.8	16.9	16.8	16.8	16.9	23.6	12-13	12.2	5	11.4	18.3
24.1	23.6	22.1	19.1	18.3	18.1	17.0	14.7	13.0	24.7	13	13.0	24	11.7	19.5
25.9	24.1	22.4	20.5	18.0	15.4	14.2	13.0	12.2	25.9	16	12.0	1-2	13.9	18.8
17.0	16.8	16.3	14.8	13.7	13.1	12.4	12.1	12.1	17.2	16-17	11.9	2,3	5.3	13.7
20.8	20.6	19.5	17.4	16.6	16.0	15.2	14.2	13.0	22.6	15-16	10.8	4	11.8	15.9
24.1	22.9	21.3	19.2	18.6	18.6	18.1	17.4	16.1	24.4	14	10.6	3	13.8	18.4
21.2	24.9	23.0	20.9	19.9	19.8	19.5	19.4	18.6	26.6	14,15	13.7	4	12.9	20.4
26.7	25.1	23.8	21.9	20.6	20.3	20.1	19.9	19.4	28.0	13-14	14.1	5	13.9	21.1
26.8	25.6	23.1	22.1	21.5	20.7	20.0	19.8	19.3	28.1	12	17.2	4,5	10.9	22.1
27.5	25.4	23.6	23.4	22.6	22.2	22.1	21.7	21.2	29.7	15	16.3	4	13.4	23.2
30.6	28.5	26.4	24.4	24.2	23.9	23.3	22.4	20.9	32.5	13	19.1	4	13.4	25.1
20.1	20.0	19.3	19.8	21.4	20.5	20.3	19.4	18.8	30.8	11,12	18.7	4	12.1	22.9
30.3	29.2	26.7	24.7	23.7	22.9	22.3	20.9	21.1	31.2	15	16.7	4	14.5	23.5
26.5	25.6	24.2	22.8	21.6	20.0	19.3	19.1	19.1	31.5	12	18.3	4,5	13.2	23.0
25.5	25.3	23.4	20.5	17.9	16.6	16.6	16.8	16.8	26.0	13	16.0	3,4,5	10.0	20.5
22.4	21.6	20.2	18.5	17.5	16.8	16.0	15.2	14.7	24.1		12.0		12.1	18.0

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

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	12.0	12.0	12.5	12.5	13.0	12.8	13.0	12.5	12.5	11.5	11.0	10.7	9.5
2	6.6	6.4	6.4	6.0	5.8	5.4	5.4	5.7	5.2	4.6	4.8	5.8	5.4	5.8	5.6
3	5.6	5.4	5.4	5.4	5.2	5.8	5.0	6.0	5.1	5.8	5.6	5.6	5.8	6.2	6.4
4	5.4	5.8	5.8	5.6	5.6	5.0	6.4	7.6	6.8	7.4	7.8	8.0	8.0	9.0	9.0
5	9.5	9.0	8.5	8.5	8.5	10.5	11.5	11.5	11.5	10.5	10.5	10.0	10.5	9.4	8.5
6	9.0	9.0	9.5	9.5	8.5	10.0	12.0	11.5	11.5	10.0	11.5	11.0	10.0	10.8	10.5
7	11.0	10.5	10.5	10.0	10.0	12.0	11.5	12.5	12.0	12.5	12.0	12.0	12.0	11.4	11.5
8	10.0	10.0	9.5	10.0	10.0	10.0	10.0	10.5	10.0	9.5	10.5	9.0	9.5	9.7	9.0
9	7.6	7.2	7.2	7.2	7.0	8.0	9.0	9.8	9.5	9.5	9.0	10.0	10.5	10.3	10.5
10	9.5	10.5	10.5	10.5	10.5	11.5	12.5	12.1	12.0	10.5	12.0	12.5	12.5	12.9	12.5
11	8.5	8.5	8.0	8.0	8.0	8.5	11.0	12.1	11.5	12.0	11.5	12.0	10.5	11.5	11.5
12	9.5	9.0	8.5	8.5	8.0	9.5	12.0	12.7	12.5	12.5	12.0	11.0	10.0	10.4	10.0
13	12.0	12.5	11.0	10.5	9.5	12.0	14.0	14.8	14.0	14.0	11.5	15.0	15.0	15.8	13.5
14	14.0	12.5	12.5	13.5	14.0	13.0	14.0	13.7	14.5	16.0	17.5	15.0	16.0	16.0	16.0
15	12.5	12.5	12.0	12.0	13.0	16.0	17.0	15.4	14.5	14.5	14.5	15.5	15.5	16.2	16.5
16	11.0	10.5	10.5	10.5	10.0	9.5	12.0	12.2	10.0	8.0	7.6	7.8	9.0	8.8	7.8
17	10.0	9.0	9.5	11.0	12.5	12.5	11.0	10.8	11.0	11.5	10.5	10.5	8.5	8.8	8.5
18	10.0	9.5	10.0	10.0	10.5	10.0	10.0	12.3	10.0	9.5	10.5	11.0	10.5	11.3	10.0
19	10.0	10.0	10.0	10.0	9.5	10.0	9.5	10.0	9.0	9.0	10.0	9.5	10.5	10.4	9.5
20	10.0	9.5	9.5	9.0	9.5	9.5	10.0	10.9	10.0	10.0	11.0	11.0	10.5	11.5	11.5
21	9.5	10.5	9.0	9.0	9.5	12.0	13.5	12.9	12.0	11.5	12.5	12.5	14.5	13.5	11.5
22	11.5	12.0	10.5	10.5	12.0	13.0	13.5	13.1	13.0	13.0	13.5	12.5	11.5	11.7	9.5
23	11.5	11.0	10.0	10.5	10.5	10.5	11.5	12.6	9.0	13.0	14.0	12.5	13.0	12.6	11.5
24	13.0	13.0	12.0	11.0	12.5	13.0	13.5	13.8	14.5	15.0	15.5	14.5	13.0	11.8	12.5
25	15.0	13.5	13.5	13.0	14.5	16.0	17.0	16.5	17.5	17.0	18.5	18.5	17.5	17.9	17.5
26	15.5	16.0	15.5	15.0	15.5	15.5	16.5	16.8	17.5	16.0	16.0	17.0	13.5	13.0	18.5
27	16.5	16.5	16.0	15.5	17.5	20.0	20.5	19.2	19.5	18.0	19.0	17.0	16.0	15.3	12.5
28	15.5	15.0	14.0	13.5	14.5	14.5	15.5	16.3	16.5	17.0	17.0	15.0	16.0	15.3	16.0
29	16.5	16.0	15.0	15.0	15.0	15.5	17.5	20.3	19.5	20.0	18.5	18.0	15.0	15.4	17.0
30	13.5	13.0	13.0	13.0	13.0	13.5	14.5	14.6	14.5	14.0	13.5	11.5	9.0	10.1	7.8
31															
Prom.	11.0	10.8	10.5	10.4	10.8	11.5	12.3	12.7	12.2	12.1	12.4	12.1	11.7	11.8	11.4

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.5	8.5	7.8	7.2	7.0	6.6	6.6	7.0	6.8	13.0	7,9	6.6	21,22	6.4	10.2
7.4	7.0	5.6	6.6	6.8	6.6	6.0	5.6	5.8	7.4	16	4.6	10	2.8	5.9
6.6	6.6	6.6	7.4	6.7	6.4	6.0	5.4	5.4	7.4	19	5.0	7	2.4	5.9
9.0	9.0	8.5	7.6	10.4	10.5	10.0	10.0	10.0	10.5	21	5.0	6	5.5	7.8
9.5	9.0	8.5	10.5	11.1	11.0	9.0	9.0	9.5	11.5	varios	8.5	varios	3.0	9.8
10.5	11.0	12.5	12.0	12.1	11.5	11.5	12.0	11.0	12.5	18	8.5	5	4.0	10.8
11.0	12.0	11.5	13.0	13.4	13.0	11.0	10.0	10.5	13.4	20	10.0	varios	3.4	11.5
9.0	9.0	9.0	9.5	9.4	9.5	11.0	9.0	8.0	11.0	22	8.0	24	3.0	9.6
10.5	11.0	10.5	10.5	10.5	10.5	11.0	12.0	11.0	12.0	23	7.0	5	5.0	9.6
12.5	12.5	12.5	12.0	11.3	9.5	9.0	8.5	8.5	12.9	14	8.5	23,24	4.4	11.2
12.5	14.0	16.5	14.5	14.3	13.0	12.0	11.0	10.5	16.5	18	8.0	varios	8.5	11.3
12.0	11.5	10.0	11.5	13.5	13.0	12.5	13.0	13.0	13.5	20	8.0	5	5.5	11.1
11.5	11.0	11.5	13.5	14.1	13.5	13.0	13.0	13.5	15.8	14	9.5	5	6.3	12.9
16.0	15.5	14.0	14.5	14.7	14.0	13.5	13.0	13.0	17.5	11	12.5	2,3	5.0	14.4
17.0	16.5	16.0	15.0	13.8	13.5	12.5	13.0	11.5	17.0	7,16	11.5	24	5.5	14.4
8.0	8.5	10.0	9.0	10.2	11.0	11.5	11.5	13.5	13.5	24	7.6	11	5.9	9.9
7.2	10.0	11.0	11.0	11.4	10.5	11.0	11.5	10.0	12.5	5,6	7.2	16	5.3	10.4
11.5	12.5	14.5	14.5	14.4	12.0	11.5	10.5	10.0	14.5	18,19	9.5	2,10	5.0	11.1
10.5	10.0	10.0	10.0	10.3	10.0	9.5	9.5	10.0	10.5	13,16	9.0	9,10	1.5	9.9
13.0	12.0	12.0	13.0	12.6	12.5	11.5	11.5	10.0	13.0	16,19	9.0	4	4.0	10.9
12.5	13.0	12.5	12.5	14.0	14.5	15.0	14.5	13.0	15.0	22	9.0	3,4	6.0	12.3
8.0	12.0	13.0	12.5	12.2	13.0	14.5	14.5	14.5	14.5	varios	8.0	16	6.5	12.3
12.0	13.5	13.5	14.0	13.8	13.5	14.0	16.0	15.5	16.0	23	9.0	9	7.0	12.5
13.5	14.0	12.0	14.0	15.0	16.5	16.0	16.5	16.0	16.5	21,23	11.0	4	5.5	13.8
15.5	15.0	13.5	16.5	16.8	16.0	15.0	15.5	15.5	18.5	11,12	13.0	4	5.5	15.9
17.0	16.5	16.0	16.5	18.3	18.0	16.5	16.5	16.0	18.5	15	13.0	14	5.5	16.2
13.5	14.0	15.0	14.5	14.2	14.5	12.5	14.5	14.0	20.5	7	12.5	15,22	8.0	16.1
18.5	18.5	20.0	19.0	18.1	19.0	18.5	17.5	18.0	20.0	18	13.5	4	6.5	16.6
16.0	16.5	18.5	18.0	17.4	16.0	16.0	15.0	15.0	20.3	8	15.0	varios	5.3	16.8
7.8	9.0	9.0	11.0	11.9	13.0	13.5	13.5	13.0	14.6	8	7.8	15,16	6.8	12.1
11.6	12.0	12.0	12.4	12.6	12.4	12.0	12.0	11.7	14.3		9.2		5.1	11.8

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	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	E	8	E	4	E	7	E	13	E	14	NE	9	E	2	C	0	W	4	S	6	S	10	S	9	S	15	S	13	S	14
2	S	6	SW	6	SW	7	SW	6	SW	9	SW	10	SW	10	SW	14	SW	14	SW	12	SW	13	SW	13	SW	15	SW	12	SW	13
3	C	0	C	1	C	1	SE	4	SE	3	SE	2	SE	4	SE	4	S	2	S	3	SW	3	E	4	NW	5	SW	4	N	7
4	NW	4	W	9	W	6	W	3	W	4	W	6	NW	8	NW	13	NW	17	NW	13	W	13	W	9	W	11	W	9	W	14
5	W	2	W	5	W	3	W	2	W	4	W	4	W	6	W	8	W	7	W	11	W	11	W	9	W	9	W	6	W	8
6	W	6	W	5	W	3	W	3	NW	3	NW	4	N	7	N	9	NW	13	NW	15	NW	23	NW	23	NW	22	NW	19	NW	17
7	E	2	E	3	E	2	C	1	E	2	E	4	NE	9	NE	7	NE	7	NE	5	N	5	NW	5	SE	2	SE	2	SE	4
8	S	8	S	11	S	9	S	6	S	6	S	5	S	7	S	7	S	7	S	11	S	8	S	7	S	7	S	7	S	8
9	C	0	C	0	C	1	C	1	C	1	SE	2	SE	3	SE	7	SE	8	SE	4	SE	4	SE	2	E	8	E	8	E	9
10	E	4	E	3	C	0	S	3	S	3	S	2	SE	2	NE	5	NE	6	N	6	NW	4	W	4	W	6	W	5	W	3
11	C	0	C	1	SW	2	SW	2	SW	4	SW	3	SW	7	SW	5	S	5	S	6	S	6	S	8	S	6	S	6	S	6
12	C	0	C	0	C	0	C	0	C	0	C	1	NW	3	NW	4	N	5	N	5	NE	9	E	9	E	9	E	13	E	9
13	E	6	E	5	S	2	C	0	SE	3	E	3	NE	5	NE	8	N	8	N	5	NE	4	NW	2	NW	4	SW	2	E	3
14	E	10	E	9	E	11	E	10	E	6	S	2	E	11	E	11	E	9	E	6	E	10	SE	4	SE	4	E	10	E	8
15	E	3	SE	4	SE	3	SE	5	SE	5	SE	4	E	4	NE	9	N	13	N	3	SW	4	SW	9	E	5	W	6	SW	4
16	SE	3	SE	3	SE	5	SE	3	SE	5	SE	3	E	4	E	10	E	12	E	13	E	11	E	12	E	11	E	9	E	11
17	E	2	E	10	E	5	SE	2	C	1	E	2	N	4	N	7	N	8	N	5	N	6	N	8	E	8	E	9	E	9
18	E	3	NE	7	NE	9	NE	10	NE	9	NE	8	NE	10	NE	9	N	11	N	12	N	8	N	10	N	8	N	6	N	5
19	S	9	S	10	S	9	S	10	S	10	S	10	S	13	S	11	S	14	S	13	S	15	S	16	S	17	S	15	S	10
20	S	3	S	5	S	4	S	6	S	3	S	6	S	5	S	5	SE	8	SE	6	SE	6	SE	6	SE	7	SE	5	SE	6
21	E	4	E	3	E	5	E	2	E	2	NE	3	NE	8	NE	9	NE	10	NE	11	NE	10	NE	9	NE	9	NE	8	NE	8
22	E	5	E	2	NE	9	NE	10	NE	10	NE	10	NE	16	NE	19	N	23	N	21	N	16	N	13	N	12	N	10	N	12
23	NE	7	NE	8	NE	9	NE	10	NE	12	NE	15	N	21	N	29	N	20	N	19	N	18	N	13	N	10	N	10	N	10
24	NE	8	NE	7	NE	10	NE	11	NE	11	NE	10	NE	12	N	13	N	7	N	7	N	7	E	6	E	8	E	12	E	8
25	E	6	E	2	E	2	NE	6	NE	2	NE	3	NE	6	NE	8	NE	9	NE	9	NE	7	NE	8	NE	9	NE	9	NE	8
26	E	7	SW	6	S	3	C	1	SE	4	E	5	E	6	NE	6	N	12	N	10	N	9	NW	7	NW	7	NW	6	NE	12
27	NE	13	N	13	N	8	N	8	N	7	N	8	N	10	N	12	NW	12	NW	9	NW	9	W	8	SW	14	SW	9	SW	12
28	C	1	C	1	SW	3	C	0	S	3	S	5	S	6	S	3	S	6	SE	2	SE	3	SE	4	SE	5	SE	6	SE	4
29	E	3	SE	4	SE	2	S	2	C	0	C	1	SE	3	SE	3	C	1	NW	6	NW	6	NW	4	E	13	E	13	E	12
30	SW	16	W	11	E	5	SW	7	SW	3	S	4	S	3	S	4	SW	10	SW	14	SW	12	S	13	S	12	S	14	S	12
31																														
DIR. PREV.	E		E		E		C		NE-SE-S		NE-S		NE		NE		N		N		N		S-NW		E		E		E	
Nº de HORAS	13		9		7		6		5		7		7		9		9		10		7		5		8		7		8	
PROM. HOR. DE LA VELOC.		5		5		5		5		5		5		7		8		10		9		9		8		9		9		9

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
S	16	S	13	S	12	S	8	S	8	S	6	S	3	S	5	S	6	S	15	8	32	S	16.29
SW	11	S	12	S	4	SW	8	C	1	SW	3	C	1	C	1	C	0	SW	17	8	30	SW	16.20
NE	5	NE	7	NE	7	NE	2	NE	5	NE	4	NW	5	NW	7	NW	5	NE	6	4	9	N	14.40
W	12	W	12	W	8	W	4	W	8	W	7	W	9	W	9	W	6	W	19	9	24	NW	9.10
W	6	C	1	C	0	C	1	W	4	NW	3	NW	4	NE	3	NW	4	W	17	5	12	W	9.08
NW	14	NW	11	NW	5	N	3	NE	5	NE	4	NE	3	NE	3	E	3	NW	12	9	31	NW	11.24
E	6	E	7	C	1	C	0	S	9	S	8	S	14	S	13	S	11	E	7	5	28	S	19.28
S	8	S	5	S	6	SE	2	SE	4	SE	4	SE	4	E	3	C	1	S	18	6	18	S	9.44
E	9	E	7	E	4	E	4	E	5	E	4	E	7	E	6	E	2	E	12	4	18	E	22.12
NW	5	C	0	C	1	W	2	C	1	C	0	C	1	SW	2	S	2	C	6	3	8	NE	8.04
S	5	S	4	SE	3	E	4	E	3	E	3	C	0	NW	2	C	1	S	9	4	12	S	10.58
E	11	E	11	E	8	E	7	E	8	E	9	E	7	E	6	E	8	E	13	6	19	E	13.47 15.42
E	6	E	6	E	4	C	1	E	4	E	2	E	3	E	4	E	6	E	12	4	10	N	9.20
E	4	NE	7	NE	8	NE	11	NE	7	SE	4	SE	5	SE	3	E	6	E	14	7	18	E	10.22
SW	4	SW	5	SW	3	C	1	SW	5	S	4	S	5	S	5	S	3	SW	7	5	14	W	11.29
SE	7	SE	7	E	3	E	2	NW	2	SE	2	SE	3	SE	5	E	4	E	12	6	18	N	8.09
E	9	E	9	E	6	E	6	E	7	E	7	E	7	E	4	E	6	E	16	6	14	E	1.36
W	2	E	3	NE	4	E	4	SW	14	S	14	S	12	S	8	S	9	NE	8	8	30	S	20.46
S	10	S	9	S	10	S	6	S	5	S	4	S	5	S	3	S	4	S	24	10	30	S	12.50
E	9	E	10	E	7	E	5	E	5	E	5	E	5	E	4	E	2	E	9	6	13	S	12.24
NE	10	E	11	E	9	E	9	E	9	E	10	E	9	E	7	E	5	E	13	8	17	NE	10.11
N	12	N	11	E	8	E	8	E	8	E	7	E	9	E	7	E	7	N-E	9	11	26	N	7.07 8.18
N	12	N	10	E	5	E	8	E	7	E	7	E	8	E	7	E	5	N	11	12	24	N	9.48
E	8	E	5	E	5	E	7	E	9	E	5	E	7	E	5	E	8	E	13	8	16	E	13.48
NE	2	NE	11	E	4	E	5	E	9	E	11	E	9	E	11	E	6	NE	13	7	14	E	12.28
NE	11	NE	12	NE	8	E	8	E	3	E	6	NE	11	NE	16	NE	14	NE	8	8	21	NE	22.09
SW	22	SW	16	SW	7	W	12	S	9	S	3	S	7	N	8	NW	5	N	8	10	68	SW	14.57
SE	6	SE	8	E	8	E	8	E	9	E	10	E	9	E	5	E	5	SE	8	5	12	E	16.59
NE	14	NE	16	NE	11	NE	8	NE	9	NE	13	N	12	N	14	W	8	NE	6	7	32	N	14.52
S	10	S	9	S	7	C	1	C	0	E	3	NE	2	NE	3	E	5	S	10	8	48	SW	0.06
E		E		E		E		E		E		E		E		E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		DIR.	HORAS		84 Km.		
8		9		12		14		13		14		11		12		15		E	188	7	DIREC.	DÍA	HORA
	9		8		6		5		6		6		6		6		5				SW	27	de 14.55 a 15.00

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	9	6	48			15	144			1	4			1	205
2									3	22	17	176					4	201
3	1	7	6	30	1	4	5	17	2	5	2	7			4	22	3	94
4													19	159	5	55		214
5			1	3									17	105	3	11	3	121
6	3	19	4	15	1	3							4	17	12	169		223
7	1	5	4	28	7	26	3	8	5	55					1	5	3	129
8					1	3	4	14	18	133							1	151
9					12	73	7	30									5	106
10	1	6	2	11	2	7	1	2	4	10	1	2	5	20	2	9	6	70
11					3	10	1	3	9	52	6	23			1	2	4	92
12	2	10	1	9	13	115									2	7	6	142
13	2	13	3	17	12	52	1	3	1	2	1	2			2	6	2	96
14			4	33	14	121	5	20	1	2								176
15	2	16	1	9	3	12	5	21	4	17	7	34	1	6			1	116
16					12	102	11	46							1	2		150
17	6	38			16	106	1	2									1	147
18	7	60	8	66	3	10			4	43	1	14	1	2				195
19									24	238								238
20					9	52	7	44	8	37								133
21			11	95	13	85												180
22	9	130	6	74	9	61												265
23	11	172	6	61	7	47												280
24	4	34	7	69	13	93												196
25			13	88	11	74												162
26	3	31	8	90	6	35	1	4	1	3	1	6			3	20	1	190
27	8	74	1	13					3	19	6	80	2	20	4	35		241
28					7	54	8	38	5	23	1	3					3	120
29	2	26	6	71	4	41	4	12	1	2			1	8	3	16	3	178
30			2	5	3	13			10	88	6	62	1	11			2	180
31																		
SUMAS	62	641	95	796	188	1247	64	264	118	895	49	409	52	352	43	359	49	4991
% PREVAL POR VELOCIDAD	12.8		15.9		25.0		5.3		17.9		8.2		7.1		7.2		0.6	VELOCIDAD MEDIA DIARIA EN EL MES 166
VELOCIDAD MEDIA POR DIRECCIÓN	10		8		7		4		7		8		7		8		1	

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1		3	13	1	4	1	2	1	5
1 - 2	1	3	9	3	3	2	4		5
2 - 3	1	4	7	3	5	3	3		4
3 - 4	1	5	3	4	5	3	3		6
4 - 5	1	5	4	5	5	3	2	1	4
5 - 6	1	7	4	4	7	2	2	1	2
6 - 7	4	7	5	4	5	2	1	2	
7 - 8	5	9	2	3	5	2	1	2	1
8 - 9	9	4	2	2	5	2	2	3	1
9 - 10	10	3	2	3	5	2	1	4	
10 - 11	7	4	2	3	4	4	2	4	
11 - 12	4	2	4	4	5	2	4	5	
12 - 13	3	1	8	4	5	2	3	4	
13 - 14	3	2	7	3	5	4	4	2	
14 - 15	4	3	8	3	5	3	3	1	
15 - 16	2	5	8	2	5	3	3	2	
16 - 17	2	5	9	2	6	2	1	1	2
17 - 18		5	12	1	5	2	1	1	3
18 - 19	1	3	14	1	2	1	3		5
19 - 20		4	13	1	4	2	2	1	3
20 - 21		3	14	3	6	1	1	1	1
21 - 22	1	3	11	3	6		1	2	3
22 - 23	2	4	12	2	5	1	1	2	1
23 - 24		1	15		6		2	3	3
SUMAS	62	95	188	64	118	49	52	43	49
% de frec. por dirección	8.6	13.2	26.1	8.9	16.4	6.8	7.2	6.0	6.8

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-8	Insolación	Transparencia	Observaciones
1	9				8	0	4	Am.
	10				8	0	3	Z.
	12				8	0	3	Z.
	14				8	0	4	Am.
	15				8	0	4	Am.
2	9	36.0	16.7	1.57	1	5	5	
	10	36.8	17.6	1.56	1	5	5	
	12	38.8	18.5	1.57	3	3	5	
	14	23.8	15.6	0.67	4	3	5	
	15	25.5	16.7	1.53	4	3	5	
3	9	39.0	18.5	1.67	2	5	5	
	10	39.0	19.6	1.58	2	5	5	
	12	41.0	22.0	1.54	4	5	5	
	14	43.6	23.4	1.64	8	5	5	
	15	30.1	18.9	0.91	7	4	5	
4	9	33.2	19.8	1.09	0	5	5	
	10	36.9	21.6	1.24	1	5	5	
	12	40.5	23.9	1.35	5	3	5	
	14	37.9	24.7	1.07	4	3	5	
	15	42.6	25.3	1.41	4	5	5	
5	9	43.2	25.2	1.46	1	5	5	
	10	45.0	27.0	1.46	0	5	5	
	12	47.0	29.0	1.46	3	5	5	
	14	45.0	38.6	0.52	3	5	5	
	15	44.5	28.1	1.33	4	5	5	
6	9	45.4	26.9	1.50	5	5	5	
	10	44.4	27.5	1.37	7	5	5	
	12	42.3	29.8	1.02	6	5	5	
	14	46.2	29.2	1.38	2	5	5	
	15	45.4	29.0	1.33	1	5	5	
7	9	41.1	27.5	1.10	7	4	5	
	10	36.0	26.4	0.78	7	4	5	
	12	50.0	32.5	1.42	3	3	5	
	14	48.8	32.0	1.36	3	5	5	
	15	49.0	32.0	1.38	5	5	5	
8	9	16.5	13.2	0.27	8	0	3	Ne.
	10	19.0	14.0	0.41	8	0	3	Ne.
	12	31.4	19.4	0.98	7	3	5	
	14	38.0	22.4	1.27	7	3	5	
	15	29.5	20.3	0.75	7	3	5	
9	9	33.0	20.6	1.01	4	3	5	
	10	31.0	19.8	0.91	7	3	5	
	12	30.3	21.0	0.76	7	1	5	
	14	29.6	20.6	0.73	7	1	5	
	15	31.1	21.1	0.81	5	3	5	
10	9	22.2	18.8	0.28	8	0	5	
	10				8	0	4	Z.
	12				8	0	3	LL.
	14				8	0	3	LL.
	15				8	0	3	LL.
11	9	37.0	22.0	1.22	5	3	5	
	10	39.1	24.3	1.20	5	3	5	
	12	47.5	28.0	1.58	4	5	5	
	14	50.1	29.0	1.72	4	5	5	
	15	50.0	29.6	1.66	3	5	5	
12	9	45.0	26.6	1.50	7	5	5	
	10	42.0	27.0	1.22	8	4	5	
	12	47.5	29.3	1.48	7	5	5	
	14	46.5	29.0	1.42	1	5	5	
	15	45.3	28.5	1.36	0	5	5	
13	9	46.5	28.8	1.44	0	5	5	
	10	48.0	30.0	1.46	1	5	5	
	12	38.0	28.0	0.81	3	3	5	
	14	50.0	33.0	1.38	6	3	4	B.
	15	42.0	30.0	0.98	4	3	4	B.
14	9				8	0	4	Z.
	10				7	4	0	LL.
	12				8	0	4	Am.
	14				8	0	4	LL.
	15				8	0	4	LL.
15	9	44.5	26.5	1.46	6	3	5	
	10	52.3	30.0	1.81	6	3	5	
	12	30.0	26.0	0.32	8	0	5	
	14	32.4	25.4	0.57	8	0	5	
	15	35.0	26.5	0.69	7	1	5	
16	9	45.2	26.5	1.52	1	5	5	
	10	45.5	27.0	1.50	2	5	5	
	12	47.6	28.8	1.53	6	5	5	
	14	35.0	25.4	0.78	8	1	5	
	15	32.3	24.4	0.62	8	1	5	
17	9	44.5	26.5	1.46	0	5	5	
	10	46.2	27.6	1.51	0	5	5	
	12	46.8	28.8	1.46	0	5	5	
	14	45.4	29.3	1.31	0	5	5	
	15	46.5	29.3	1.40	0	5	5	
18	9	45.5	27.0	1.50	2	5	5	
	10	48.0	28.6	1.58	5	5	5	
	12	47.0	29.5	1.42	6	5	5	
	14	42.0	28.6	1.09	7	4	5	
	15	51.0	31.7	1.57	7	5	5	
19	9				8	0	4	Am.
	10				8	0	4	Z.
	12	35.4	20.2	1.24	7	1	4	
	14	26.6	19.4	0.58	8	0	4	
	15	26.4	19.5	0.56	7	1	4	
20	9	42.1	22.0	1.63	7	3	5	
	10	39.0	22.0	1.38	5	3	5	
	12	45.0	26.2	1.53	5	3	5	
	14	48.0	28.0	1.63	4	5	4	B.
	15	46.2	28.0	1.48	4	5	5	
21	9	43.8	25.7	1.47	0	5	5	
	10	45.0	27.0	1.46	0	5	5	
	12	45.8	28.2	1.43	1	5	5	
	14	47.0	29.5	1.42	1	5	5	
	15	46.0	29.0	1.38	1	5	5	
22	9	46.0	27.7	1.49	0	5	5	
	10	47.6	29.2	1.50	0	5	5	
	12	45.5	29.8	1.28	4	5	5	
	14	51.1	32.1	1.54	4	5	5	
	15	48.5	31.0	1.42	3	5	5	
23	9	33.5	25.0	0.69	0	5	5	
	10	47.7	29.9	1.45	1	5	5	
	12	50.0	32.5	1.42	2	5	5	
	14	45.5	31.6	1.13	4	5	4	
	15	46.3	32.1	1.15	2	5	4	
24	9	43.7	28.0	1.28	8	1	5	
	10	49.0	30.5	1.50	8	4	5	
	12	46.5	31.7	1.20	8	4	5	
	14	45.4	30.0	1.33	8	2	4	
	15	38.5	28.8	0.79	8	2	4	
25	9	47.6	30.5	1.39	8	5	5	
	10	49.5	32.0	1.42	8	5	5	
	12	52.5	33.9	1.51	8	5	5	
	14	54.3	35.4	1.54	4	5	5	
	15	50.2	30.1	1.63	5	5	5	
26	9	49.3	32.0	1.41	2	5	5	
	10	52.3	33.8	1.50	3	5	5	
	12	52.0	35.5	1.34	7	5	5	
	14	55.0	37.4	1.43	5	5	5	
	15	41.2	32.0	0.75	3	3	5	
27	9	52.0	34.3	1.44	7	5	5	
	10	55.7	37.0	1.52	7	5	5	
	12	41.5	30.7	0.88	8	2	5	
	14	41.0	31.0	0.81	8	2	5	
	15				8	0	4	Am.
28	9	37.5	27.0	0.85	7	2	4	
	10	41.4	29.0	1.01	7	2	4	
	12	56.8	34.2	1.84	6	5	5	
	14	55.0	36.5	1.50	5	5	5	
	15	49.0	30.0	1.54	6	1	5	
29	9	50.4	32.9	1.42	5	2	3	Ne.
	10	53.2	34.4	1.53	5	2	4	Ne.
	12	55.9	37.5	1.50	6	3	4	Ne.
	14	34.5	28.0	0.53	7	3	5	
	15	30.9	25.6	0.43	7	3	5	
30	9	45.5	28.4	1.39	0	5	5	
	10	46.6	29.9	1.36	1	5	5	
	12	49.3	31.8	1.42	2	5	5	
	14	48.3	30.2	1.47	1	5	5	
	15	48.1	30.6	1.42	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								0.1				0.1			0.2	13.4	02
2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.6	12.8	13.5	95
3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	0.6	12.6	13.5	93
4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.1	13.5	97
5	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.4	12.3	13.6	90
6	0.4	1.0	1.0	1.0	1.0	0.8	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.4	13.6	91
7	0.3	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.9	1.0	1.0	0.8	0.4		11.1	13.6	82
8							0.1	0.7	0.7	0.8	0.6	0.1	0.4	0.3	3.7	13.6	27
9	0.2	1.0	0.9	0.9	1.0	0.7	0.5	0.2	0.9	0.3	0.7				7.3	13.7	53
10													0.3	0.3	0.6	13.7	04
11			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	13.7	81
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	0.7	12.9	13.8	94
13	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.6	1.0	1.0	1.0	0.2	11.9	13.8	86
14		0.5	0.5			0.2	0.2					0.1			1.5	13.8	11
15	0.1	0.5	0.8	0.7	0.7	1.0	0.2			0.2	0.1	0.1	0.5	0.2	5.1	13.8	37
16	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.7							7.2	13.9	52
17	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.4	13.9	89
18	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6			10.5	13.9	76
19								0.4	0.4	0.3	0.5	0.9	1.0	0.6	4.1	13.9	30
20				0.1	0.8	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	0.3	8.8	14.0	63
21	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	13.2	14.0	94
22		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2	14.0	87
23	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0.1	0.4	11.5	14.0	82
24		0.1		0.5	0.7	1.0	0.8	1.0	0.5			1.0	0.6		6.2	14.0	44
25	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		11.7	14.1	83
26			0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.7	10.8	14.1	77
27		0.7	1.0	1.0	1.0	0.7	0.8	0.1							5.3	14.1	38
28			0.5	1.0	0.4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	9.7	14.1	69
29			0.6	0.7	1.0	1.0	0.9	0.7	1.0	0.2	0.5	1.0	0.6	0.3	8.5	14.1	61
30		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.6	14.2	89
31																	
Medias	1.8	6.0	7.1	7.6	7.9	7.9	7.7	7.6	7.5	6.6	6.7	7.0	6.3	3.4	9.1	13.8	66

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	18.0	18.6	17.2	17.6	18.0	17.3	16.6	16.4	16.2	17.2	16.6	16.8	20.1	19.9	19.8
2	14.8	18.6	16.6	15.1	17.7	16.8	14.8	15.2	15.0	16.0	15.8	15.2	19.6	19.3	19.3
3	14.0	18.8	16.7	14.3	17.5	16.8	14.1	14.6	15.4	15.6	17.6	15.7	19.1	19.1	18.8
4	14.6	19.0	17.6	14.5	17.5	17.3	13.8	14.8	15.4	15.3	15.3	15.6	19.0	18.8	18.7
5	16.2	21.3	19.4	15.7	19.2	19.0	14.8	15.9	16.8	15.8	15.8	16.6	19.0	19.0	19.0
6	17.6	21.2	20.0	17.0	19.7	19.4	16.0	16.6	17.4	16.6	16.6	17.1	19.7	19.7	17.8
7	18.6	22.6	21.0	17.8	20.6	20.4	16.6	17.6	18.2	17.2	17.4	17.8	20.1	20.2	20.2
8	18.5	19.4	18.8	18.4	18.8	18.8	17.2	17.0	17.4	17.8	17.4	17.6	20.4	20.6	20.5
9	16.8	19.6	18.8	16.7	18.6	18.4	16.2	16.6	16.8	17.0	17.0	17.0	20.5	20.5	20.5
10	17.6	18.0	18.2	16.2	17.9	17.8	16.8	16.1	16.4	17.2	16.0	16.8	20.4	20.2	20.1
11	16.6	21.2	20.0	19.8	19.5	19.4	15.6	16.4	17.2	16.4	16.5	17.2	20.0	20.0	20.0
12	18.2	22.3	20.6	17.5	25.0	20.0	16.5	17.4	18.0	17.2	17.4	18.0	20.3	20.3	20.4
13	19.6	24.0	22.0	18.6	21.8	21.3	17.4	18.2	19.0	18.0	18.0	18.6	20.8	20.8	20.8
14	20.5	21.0	20.6	20.0	20.3	20.0	18.6	18.3	18.0	18.8	18.6	18.6	21.4	21.3	21.2
15	19.4	22.6	21.6	18.8	21.0	21.0	17.4	18.2	18.6	18.1	18.2	18.6	21.2	21.2	21.1
16	19.2	22.6	20.4	18.7	21.1	18.6	18.0	18.4	18.6	18.4	18.4	18.4	21.4	21.4	21.4
17	19.8	23.6	21.2	19.1	20.1	19.4	18.0	18.8	19.2	18.6	18.8	21.6	21.5	21.5	19.0
18	19.8	23.6	22.2	19.3	22.0	21.7	18.3	19.0	19.6	19.0	19.0	19.6	21.9	21.9	21.8
19	19.0	19.8	19.2	19.2	19.4	18.3	18.4	18.7	18.6	19.3	20.0	21.8	20.1	20.0	19.6
20	17.8	21.6	20.6	17.9	20.5	20.1	17.0	17.9	18.6	18.0	18.0	18.6	21.4	21.4	21.4
21	18.6	23.2	21.2	18.4	21.3	20.8	17.5	18.3	19.0	18.4	18.4	19.0	21.5	21.5	21.5
22	18.6	23.4	22.0	19.2	21.8	21.4	18.2	18.8	19.4	18.6	18.8	19.4	21.8	21.8	21.9
23	20.4	23.4	22.6	19.9	22.7	22.1	19.4	19.6	20.0	22.2	19.4	19.8	19.5	23.2	22.3
24	20.8	24.5	22.8	20.5	22.7	22.3	19.4	19.8	20.4	19.8	19.8	20.2	22.5	22.5	22.5
25	21.6	26.2	24.0	21.0	24.0	22.4	19.6	20.6	21.2	20.1	20.2	20.6	22.9	23.0	23.0
26	23.0	27.0	25.0	22.2	25.0	24.4	20.6	21.6	22.0	20.9	21.2	21.4	23.5	23.6	21.7
27	23.8	27.0	22.0	22.9	25.0	23.8	21.6	22.0	21.2	21.6	21.6	21.8	24.2	24.1	24.1
28	22.7	26.6	25.5	22.3	24.8	24.7	21.1	21.8	22.6	21.5	22.6	22.0	24.3	24.4	24.2
29	23.8	27.2	25.0	23.1	25.4	24.4	21.8	22.2	22.6	22.0	22.0	22.2	24.6	24.6	24.7
30	22.8	26.6	23.6	22.4	25.2	23.9	21.4	22.0	22.4	22.0	21.8	22.2	24.8	24.8	24.7
31															
Prom.	19.1	22.5	20.9	18.8	21.1	20.4	17.8	18.3	18.7	18.5	18.5	18.9	21.2	21.4	21.1

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	0.4	0.2	0.0	2	0.5	0.3	0.6	1.4							11400
2					2	0.5	1.4	1.0	2.7							11491
3					2	0.3	1.2	1.2	3.0	S. 5	20.1	22.1	23.5			11488
4					1	0.6	1.4	1.0	2.8							11476
5					0	0.4	1.4	1.0	2.8							11467
6					0	0.4	2.3	1.4	4.1							11459
7					0	0.4	1.6	1.5	4.0							11458
8					0	0.9	0.5	0.8	1.5	S. 6	18.4	18.9	23.8	21.0		11460
9					0	0.2	0.9	0.8	2.1							11458
10	5.3	6.6	5.6	5.7	0	0.4	0.3	0.0	0.4							11458
11					2	0.1	1.0	1.0	2.1							11458
12					1	0.1	2.2	1.2	4.1							11458
13					0	0.7	1.4	1.3	3.7	S. 7	16.8	16.0	19.7			11457
14	2.3	3.0	1.9	2.1	0	1.0	0.4	0.4	1.2							11456
15					1	0.4	0.8	0.8	2.6							11456
16					0	1.0	1.8	1.4	4.4							11459
17					0	1.2	1.0	1.7	3.5							11461
18	5.8	6.7	6.0	5.9	0	0.8	1.9	0.8	3.7	S. 8	15.1	15.0	18.4			11459
19	0.0	0.0	0.0	0.0	2	1.0	0.7	1.0	1.9							11461
20					1	0.2	0.9	1.1	2.5							11470
21					0	0.5	1.5	1.5	3.7							11470
22					0	0.7	2.2	2.5	5.5							11470
23					0	0.8	2.3	2.1	5.1	S. 9	11.1	12.5	15.0			11470
24					0	0.7	1.7	1.7	4.2							11470
25					0	0.8	1.8	1.6	3.9							11474
26					0	0.5	1.9	1.7	4.7							11474
27	0.6	0.9	-	0.5	0	1.1	1.8	0.8	3.2							11482
28					1	0.6	1.7	1.4	3.7							11492
29	6.8	7.5	6.3	-	0	0.6	1.5	1.1	3.4	S. 10	15.1	13.8	15.8	-	-	11494
30					1	0.8	2.1	2.4	5.0							11494
31																
Prom.	20.8	25.1	-	-	-	0.6	1.4	1.2	3.2	-	-	-	-	-	-	11467

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		
-	-	-	17.7	17.7	17.7	16.3	16.3	14.5	Cn. m. t. y n., Z. m. t. y n.
-	-	-	17.6	17.6	17.6	16.5	16.4	2.3	Ca. m. y n., Cn. t., r. m. y n.
-	-	-	17.6	17.6	17.6	16.5	16.4	0.6	Cn. m., Ca. t. y n., r. m. y n.
-	-	-	17.6	16.9	17.8	16.5	16.4	0.7	Cn. t., Ca. m. y n., r. m. y n.
-	-	-	17.5	17.8	17.5	16.5	16.4	5.1	Ca. m. t. y n., r. m. y n.
-	-	-	17.5	17.5	17.5	16.6	16.4	7.1	Ca. m. t. y n., r. m. y n.
-	-	-	17.6	17.7	17.7	16.6	16.4	9.0	Cn. m. y t., Ca. n.
-	-	-	17.9	18.0	18.0	16.6	16.4	11.6	Cn. m. y t., Ca. n., Ne. m., r. n.
-	-	-	18.0	18.0	18.0	16.6	16.4	2.9	Ca. m., Cn. t. y n., r. m.
-	-	-	18.1	18.1	18.1	16.6	16.4	8.2	Cn. m. y t., Ca. n., Ne. m. y t., N. n., LL. t.
-	-	-	18.1	18.1	18.1	16.7	16.5	6.9	Cn. m. y t., Ca., n., r. n.
-	-	-	18.1	18.2	18.2	16.7	16.5	8.3	Cn. m. y t., Ca. n., r. m. y n., N. dv. m.
-	-	-	18.2	18.2	18.2	16.8	16.5	8.7	Ca. m. y n., Cn. t., r. m., B. t.
-	-	-	18.4	18.4	18.4	16.9	16.5	14.1	Cn. m. y t., Ca. n., Z. m., LL. m. y t., r. n.
-	-	-	18.4	18.4	18.4	16.9	16.5	10.5	Cn. m. y t., Ca. n., r. m. y n.
-	-	-	18.6	18.7	18.7	17.0	16.4	6.6	Ca. m., Cn. t. y n., r. m.
-	-	-	18.7	19.0	19.0	17.0	16.4	11.6	Ca. m. t. y n., r. m. y n., Vx. t. y n.
-	-	-	18.8	18.8	18.8	17.1	16.6	-	Ca. m., Cn. t. y n., r. m., LL. n.
-	-	-	19.2	19.1	19.1	17.0	16.8	12.1	Ca. n., Cn. m. y t., r. n., Z. m.
-	-	-	19.1	19.2	19.2	17.2	16.6	7.1	Cn. m. y t., Ca. n., B. t., r. n.
-	-	-	19.2	19.2	19.2	17.2	16.6	6.1	Ca. m. t. y n., r. m. y n.
-	-	-	19.3	19.3	19.3	17.3	16.7	9.1	Ca. m. y n., Cn. t., r. m.
-	-	-	19.5	19.5	19.5	17.4	17.0	10.1	Ca. m. y n., Cn. t., Dl. Jl. n.
-	-	-	19.6	19.3	19.7	17.4	16.9	9.4	Cn. m. t. y n., Jl. n.
-	-	-	19.6	19.6	19.6	17.5	16.7	5.6	Cn. m. t. y n., r. m.
-	-	-	19.7	19.7	19.7	17.5	16.7	20.3	Ca. m. y n., Cn. t., r. m.
-	-	-	20.0	20.0	20.0	17.5	16.7	-	Cn. m. t. y n., r. m., LL. P. t., R. n.
-	-	-	20.2	20.2	20.2	17.5	16.7	10.4	Ca. t., Cn. m. y n., r. m.
-	-	-	20.4	20.3	20.4	17.7	17.0	10.1	Ca. m., Cn. t. y n., Ne. m., Ru. t., R. n.
-	-	-	20.5	20.6	20.6	17.6	17.1	11.1	Ca. m. t. y n., Ru. CH. m., r. n.
-	-	-	18.7	18.7	18.7	17.0	16.6	8.6	

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
	mb	mb			mb			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	[illegible]	67.4	3	10	48.0	1	4-5	14.1	19.9	8.0	27.6	7	14,15	2.3	3	5	8.6	13.6	63
2ª	[illegible]	63.6	[illegible]	10	[illegible]	15	1	18.0	23.6	11.9	28.2	13	14	[illegible].4	12	5	8.6	13.8	62
3ª	58.2	63.2	21	8,9	51.9	26; 30	17,18;2-3	22.0	28.9	16.1	32.5	26	12	10.6	21	3	10.2	14.1	72
MES	58.2	67.4	3	10	48.0	1	4-5	18.0	24.1	12.0	32.5	26	12	2.3	3	5	9.1	13.8	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mb.	mb.	mb.		Km/h	Km/h		Km/h			Km/h				mm	mm		mm.		
1ª	80	100	varios	40	5	9.2	13.4	4.6	S	8	60	1,6	23	6	10-11 11-12	32	S	1	16.29	7.0	5.6	10	-	-	-
2ª	79	100	varios	32	17	11.6	17.5	7.2	E	7	36	varios	17	19	12-13	30	S	18,19	20.46 12.50	9.7	6.7	18	6.0	18	23 - 24
3ª	76	100	varios	31	30	14.5	20.5	7.8	E	7	84	27	29	23	7-8	68	SW	27	14.57	8.4	7.5	30	6.0	30	0.30-1.30
MES	79	100	varios	31	30	11.8	20.5	4.6	E	7	84	27	29	23	7-8	68	SW	27	14.57	28.1	7.5	30	-	-	-

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	3	-	1	1	-	-	-	1	1	-	-	-	-	-	2	-	-
2ª	5	2	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-
3ª	7	-	1	-	-	-	-	2	-	-	1	-	-	-	3	3	3
MES	15	2	2	1	-	-	-	5	3	-	1	-	-	-	5	3	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	7	-	-	-	-	-	-	-	-	-	-	4	3	-	1	-
2ª	10	-	-	-	-	-	-	-	-	-	-	2	-	-	3	-
3ª	7	-	-	-	-	-	1	-	2	1	-	3	2	-	[illegible]	-
MES	24	-	-	-	-	-	1	-	2	1	-	9	5	-	12	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. VII DICIEMBRE 1952 Nº 12

RESUMEN MENSUAL

Advección de aire caliente y húmedo se observa en los primeros tres días del mes, por lo que la temperatura, humedad y nubosidad aumentan en forma pronunciada. El día 3 una corriente de aire más fresco, reemplaza el aire tropical ambiente, produciendo lluvias de variada intensidad. La temperatura baja en más de 10.0°C en tres horas; al día siguiente reina de nuevo tiempo bueno con temperaturas de algunos grados por debajo del promedio mensual. Otro empuje de aire fresco precedido de un frente inestable empeora el tiempo el día 7; se producen las lluvias más copiosas del mes y hasta el fin de la década cae casi la totalidad mensual de la precipitación.

La primera mitad de la segunda década, se caracteriza por la afluencia desde el mar de aire fresco, con lo que las temperaturas se mantienen relativamente bajas a pesar del buen tiempo reinante. En este lapso se registra la presión más alta del mes con 765.4 mmHg el día 13. Antes de un nuevo empuje de aire marítimo el día 17, la temperatura sube el 16 a casi 30.0°C. El constante aflujo de este aire marítimo desde el S sigue manteniendo la temperatura en unos cinco grados por debajo del valor normal, produciéndose al mismo tiempo una nubosidad muy variada hasta el fin de la década.

El tiempo relativamente fresco se mantiene todavía en los primeros días de la última década. La continua afluencia de aire más seco y fresco, tiene como consecuencia que se produzca recién el día 23 la mínima mensual de la temperatura y humedad absoluta con 6.1°C y 6.2 mmHg respectivamente. El brusco cambio del viento hacia el N el día 24, aumenta rápidamente la temperatura; la presión baja al mismo tiempo en forma pronunciada hasta llegar a su mínima mensual el día 25 con 749.2 mmHg. El día siguiente la temperatura registra la máxima mensual con 35.0°C al encontrarse el Observatorio en una masa de aire de origen tropical. Un fuerte empuje de aire fresco atraviesa el Río de la Plata el 27 por la mañana, bajando la temperatura doce grados en dos horas. Sin embargo dos días después predomina otra vez aire tropical en el cual se registra el valor máximo mensual de la humedad absoluta con 19.3 mmHg y la temperatura sube una vez más a casi 35.0°C. En la noche del 30 al 31, llega un último empuje de aire más fresco y el año termina con tiempo bueno y condiciones climáticas correspondientes a la época.

La frecuente y a veces prolongada afluencia de aire fresco y seco, causada por una actividad ciclónica más pronunciada, tiene como consecuencia que los términos medios de los elementos principales, como temperatura, humedad, presión y precipitación estén por debajo de su normal, marcando la lluvia un déficit de casi el 30%.

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	-110	-138	- 41	- 28	- 28	14	104	97	55	48	48	41	28	41	28
2	14	28	14	55	55	83	97	97	138	97	55	104	-	-	-
3	48	34	34	- 97	- 55	62	∞	207	233	-239	∞	117	83	76	69
4	-	-	-	-	-	-	-	-	-	97	104	97	104	104	69
5	62	55	83	83	83	220	193	159	104	97	104	145	152	138	152
6	-	-	-	-	55	97	104	83	97	97	83	34	28	62	83
7	104	90	48	48	55	69	90	69	69	104	62	69	90	62	62
8	-	-	14	28	34	34	28	41	97	97	90	97	131	138	138
9	28	- 7	7	21	7	69	21	159	-239	- 34	- 97	- 90	-104	28	69
10	104	69	97	145	200	166	350	252	-	193	152	131	97	76	-
11	-	-	-	-	-	-	-	-	145	131	97	69	62	62	62
12	-	-	-	53	70	44	97	130	209	236	227	168	149	127	87
13	-	-	-	-	-	-	48	138	203	246	172	131	179	186	193
14	76	76	76	76	69	62	62	90	110	104	90	104	104	104	37
15	69	62	69	83	76	69	69	69	62	76	83	97	90	76	69
16	7	34	41	41	62	62	124	76	55	55	69	55	48	21	28
17	186	186	145	97	83	138	193	193	28	152	48	28	14	117	48
18	41	48	48	48	28	41	48	41	83	76	69	48	48	34	41
19	-	-	-	-	-	-	-	-	39	74	31	22	-	-	-
20	12	14	27	27	24	17	36	44	58	76	58	24	10	- 30	- 36
21	39	62	70	44	48	34	78	78	89	85	29	- 7	- 23	- 10	- 20
22	-	-	-	-	-	-	-	-	-	110	97	55	28	28	- 7
23	69	7	28	55	41	34	41	28	34	-	-	-	-	-	-
24	34	28	104	41	48	55	69	69	48	28	- 14	- 69	7	48	28
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	34	48	62	48	48	62	48	41	- 69	-188	-350	-∞	-∞	-∞	-∞
28	41	62	69	48	48	28	7	55	14	-	-	-	138	28	21
29	159	172	104	90	97	97	97	83	104	138	166	166	104	90	110
30	±∞	- 83	- 28	-107	- 90	-224	179	166	104	90	90	69	76	69	62
31	62	69	55	-	-	-	-	179	159	48	- 41	- 55	- 97	- 97	- 55
Prom.	81.4	82.6	76.0	76.0	76.0	97.8	93.8	88.4	92.6	98.2	102.4	112.0	99.6	88.4	93.8

RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

DÍAS	CONDUCTIBILIDAD "λ" . 10^{-4}				IONES LIVIANOS					
					número "n" por cm^3				velocidad	
	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+ / λ^-	n^+	n^-	$n^+ + n^-$	n^+ / n^-	K^+	K^-
1	0.81	0.78	1.59	1.04	450	651	1101	0.69	1.25	0.84
2	0.83	0.77	1.60	1.08	722	658	1380	1.10	0.80	0.82
3	0.81	0.84	1.65	0.96	504	429	933	1.17	1.12	1.37
4	0.71	0.66	1.37	1.07	583	487	1070	1.20	0.85	0.95
5	0.73	0.64	1.37	1.14	424	380	804	1.11	1.20	1.18
6	0.78	0.74	1.52	1.05	708	729	1437	0.97	0.77	0.71
7	0.98	0.89	1.87	1.10	721	690	1411	1.05	0.95	0.90
8	0.46	0.47	0.93	0.98	516	541	1057	0.95	0.62	0.61
9	0.68	0.78	1.46	0.87	442	715	1157	0.62	1.08	0.76
10	0.85	0.75	1.60	1.13	574	-	574	-	1.04	-
11	0.96	0.79	1.75	1.21	759	-	759	-	-	0.88
12	0.84	0.75	1.59	1.12	676	283	959	2.39	0.87	1.85
13	0.82	0.87	1.69	0.94	516	337	853	1.53	1.11	1.81
14	1.03	-	1.03	-	755	684	1439	1.10	0.95	-
15	1.02	-	1.02	-	753	686	1439	1.10	0.95	-
16	0.94	0.97	1.91	0.97	615	484	1099	1.27	1.07	1.40
17	1.18	1.14	2.32	1.03	823	724	1547	1.13	1.01	1.10
18	1.13	0.99	2.12	1.14	853	705	1558	1.21	0.93	0.98
19	1.30	1.41	2.71	0.92	876	747	1623	1.17	1.04	1.32
20	0.94	0.87	1.81	1.08	737	657	1394	1.12	0.89	0.92
21	1.08	0.87	1.95	1.24	485	309	794	1.57	1.55	1.97
22	1.13	1.03	2.16	1.10	576	527	1103	1.09	1.37	1.36
23	0.80	0.75	1.55	1.06	390	431	821	0.90	1.00	1.22
24	0.81	0.81	1.62	1.00	564	590	1154	0.96	1.00	0.96
25	1.04	1.03	2.07	1.01	490	389	879	1.26	1.48	1.85
26	1.12	1.11	2.23	1.01	628	758	1386	0.83	1.25	1.02
27	0.94	0.90	1.84	1.04	512	512	1024	1.00	1.28	1.23
28	0.87	0.81	1.68	1.07	515	479	994	1.07	1.18	1.18
29	0.86	0.87	1.73	0.99	440	466	906	0.94	1.37	1.36
30	1.09	1.05	2.14	1.04	567	501	1068	1.13	1.34	1.46
31	0.58	0.56	1.14	1.04	299	320	619	0.93	1.35	1.22
Prom.	0.92	0.86	1.78	1.07	598	550	1148	1.09	1.07	1.09

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
34	34	62	110	233	207	124	90	62		449	-210	659	2
-	-	-	110	104	124	124	83	55		233	- 97	330	1*
41	41	28	-	-	-	-	-	-		∞	-∞	-	3*
69	76	48	-	-	69	97	76	83		-	-	-	
124	90	124	104	83	76	55	55	55	108.2	259	34	225	0
83	83	110	110	90	55	69	76	97		207	- 55	262	1*
41	∞	-∞	-∞	±∞	145	- 55	- 48	- 62		∞	-∞	-	3*
159	152	124	90	104	83	55	41	62		220	- 55	275	1*
210	-159	-152	76	- 14	- 62	-217	-110	83		471	-586	1057	2
-	-	-	-	-	-	-	-	-		464	- 34	498	0*
55	7	62	97	34	-	-	-	-		246	- 55	301	0*
53	58	53	58	56	55	125	122	107		265	- 59	324	1*
193	193	207	159	131	145	138	-	-		297	- 14	311	0*
97	117	159	172	129	186	145	69	41	100.6	272	00	272	0
62	62	76	76	104	124	97	90	41	77.1	166	00	166	0
-	-	48	34	-342	34	41	41	46		179	-951	1130	1*
- 41	- 83	- 76	69	193	192	159	200	207		357	-438	795	2
41	48	41	55	69	69	62	55	48	51.2	110	00	110	0
- 46	- 59	- 20	- 23	- 10	34	48	48	29		99	-107	206	2*
- 23	- 30	5	10	29	48	46	62	34		291	-310	601	2
5	- 7	- 7	10	36	95	125	95	68		681	-188	869	2
- 34	- 62	- 28	7	-	-	-	62	62		110	-131	241	2*
-	-138	- 69	21	55	69	69	34	41		131	-326	457	2*
34	- 28	- 21	28	41	34	28	34	41		166	-253	419	2
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	- 28	14	21	34	41	41	41	41		+∞	-∞	-	3*
90	124	166	110	172	145	- 34	52	207		272	-231	503	2*
90	83	83	97	131	104	83	55	48	106.3	259	14	245	0
41	48	48	62	97	97	69	34	- 21		∞	-∞	-	3*
- 21	28	69	90	-	-	-	-	-		233	260	493	2*
82.8	80.0	96.6	100.8	103.2	111.8	88.4	64.8	46.6	88.7				

IONES PESADOS número "N" por cm³				CORRIENTE VERTICAL "1" . 10^{-7} U.E.S.	NÚCLEOS AITKEN
N^+	N^-	$N^+ + N^-$	N^+ / N^-	por cm²	por cm³
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	4.94	-
-	-	-	-	-	35,750
-	-	-	-	-	25,250
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	20,500
-	-	-	-	-	-
-	-	-	-	-	45,000
-	-	-	-	6.67	-
-	-	-	-	5.14	-
-	-	-	-	-	-
-	-	-	-	-	23,250
-	-	-	-	3.62	-
-	-	-	-	-	9,750
-	-	-	-	-	17,750
-	-	-	-	-	12,750
-	-	-	-	-	6,750
-	-	-	-	-	43,500
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	31,750
-	-	-	-	-	-
-	-	-	-	-	23,250
-	-	-	-	6.13	113,500
-	-	-	-	-	13,000
-	-	-	-	-	71,500
-	-	-	-	5.30	32,883

CONDUCTIBILIDAD POSITIVA $\lambda^{+} . 10^{-4}$

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
1	0.68	0.99	0.84	0.85	1.00	0.84	0.70	0.74	0.66	0.87	0.86	0.80
2	0.78	0.74	0.69	0.60	0.72	0.76	0.88	1.20	0.58	0.69	0.96	0.90
3	1.21	1.32	1.15	0.98	0.74	1.00	0.72	0.40	0.35	0.33	0.68	0.82
4	-	-	-	-	-	-	-	-	-	-	0.69	0.76
5	0.92	0.95	1.07	0.84	0.84	0.68	0.56	0.54	0.59	0.68	0.70	0.73
6	-	-	-	-	-	-	-	-	1.21	1.00	1.03	0.89
7	0.41	0.47	0.58	0.86	1.20	1.08	1.21	1.07	1.15	1.07	0.87	0.91
8	-	-	-	-	-	-	-	-	-	-	0.53	0.49
9	0.48	0.52	0.54	0.57	0.49	0.49	0.79	0.48	0.31	0.33	0.56	0.68
10	0.53	-	-	-	-	-	-	-	1.04	0.96	0.78	0.74
11	-	-	-	-	-	-	-	-	1.34	1.20	1.14	1.14
12	1.11	0.96	1.50	1.28	-	-	-	-	1.16	0.62	0.64	0.70
13	0.75	1.04	0.92	1.08	-	-	-	-	1.16	0.84	0.69	0.78
14	1.13	1.18	1.38	1.08	1.60	1.36	1.15	1.13	0.99	1.20	1.14	1.22
15	0.84	0.95	1.00	1.14	1.26	1.52	1.13	1.14	1.00	1.24	1.18	1.12
16	0.98	1.07	0.68	0.57	0.47	0.44	0.54	0.83	0.90	0.98	0.90	0.88
17	1.32	1.35	1.30	1.42	1.22	1.36	1.25	1.08	1.09	1.00	0.93	1.06
18	1.44	1.38	1.38	1.40	1.40	-	-	-	1.10	1.06	1.00	1.09
19	1.20	1.46	1.60	1.50	1.37	1.38	1.43	1.36	1.20	0.96	0.99	1.12
20	-	-	-	-	-	-	-	-	0.76	1.06	1.12	0.92
21	1.21	1.12	1.23	1.18	1.43	1.66	1.82	1.40	1.00	0.91	1.00	0.93
22	0.98	1.16	1.17	1.52	1.24	1.28	1.24	1.26	1.08	-	-	-
23	1.05	1.33	1.18	0.95	1.12	1.06	0.98	1.01	1.00	0.76	0.61	0.59
24	0.81	1.05	-	-	-	-	-	-	1.13	1.06	0.92	0.90
25	0.93	1.06	0.98	1.04	0.79	0.91	0.81	0.91	1.23	0.90	0.82	0.97
26	1.65	1.34	1.58	1.75	1.61	1.65	1.71	1.46	1.15	0.97	0.79	0.64
27	1.22	0.74	-	-	-	-	-	0.70	0.98	-	0.95	0.98
28	0.82	1.04	1.04	0.80	0.90	0.93	1.02	0.92	1.04	0.87	0.78	0.70
29	0.97	-	-	-	-	-	-	1.38	1.44	1.30	1.04	1.06
30	1.24	1.66	1.12	-	-	-	-	-	0.90	1.07	0.98	1.12
31	0.65	0.64	0.66	0.69	0.60	0.78	0.76	0.60	0.54	0.53	0.49	0.47
Promedio	0.97	1.06	1.07	1.05	1.05	1.06	1.04	0.98	0.97	0.90	0.86	0.87

CONDUCTIBILIDAD NEGATIVA $\lambda^{-} . 10^{-4}$

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
1	0.74	1.20	1.01	0.91	1.08	0.74	0.62	0.70	0.67	0.87	0.77	0.80
2	0.77	0.62	0.64	0.58	0.89	0.64	0.86	1.00	0.76	0.62	0.84	0.80
3	1.23	1.41	1.23	1.18	1.24	1.01	0.48	0.44	0.30	0.34	0.49	0.92
4	-	-	-	-	-	-	-	-	-	-	0.73	0.72
5	0.64	0.70	0.84	0.67	0.64	0.52	0.46	0.48	0.59	0.66	0.82	0.83
6	-	-	-	-	-	-	-	-	1.18	1.06	1.07	0.89
7	0.36	0.40	0.58	0.78	0.96	0.99	1.21	1.08	1.26	0.82	1.02	0.88
8	-	-	-	-	-	-	-	-	-	1.36	0.48	0.46
9	0.40	0.50	0.51	0.46	0.46	0.44	0.64	0.34	0.98	0.96	0.84	0.92
10	0.37	-	-	-	-	-	-	-	0.72	0.74	0.70	0.66
11	-	-	-	-	-	-	-	-	1.07	1.09	1.35	0.94
12	0.78	0.75	1.73	1.36	-	-	-	-	0.95	0.64	0.57	0.59
13	0.66	0.85	1.09	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	1.16	0.85	0.86	0.87
17	1.12	1.18	1.18	1.38	1.40	1.25	1.05	-	-	1.06	1.14	0.94
18	1.28	1.14	1.21	1.23	1.25	-	-	-	1.01	1.01	1.01	1.00
19	1.40	1.44	1.62	1.29	1.44	1.59	1.42	1.15	-	-	-	-
20	-	-	-	-	-	-	-	-	1.08	0.87	1.01	0.94
21	0.77	0.86	0.69	0.90	1.02	-	1.40	1.20	1.04	0.88	0.88	0.74
22	0.80	1.00	1.09	1.34	1.14	1.04	1.12	1.27	1.28	-	-	-
23	0.96	1.33	0.96	0.82	1.20	1.10	0.94	1.02	0.86	0.69	0.59	0.55
24	1.00	1.32	-	-	-	-	-	-	1.10	0.96	0.84	0.94
25	0.98	0.82	1.02	0.98	0.79	1.02	0.86	0.87	1.10	0.96	0.74	0.98
26	1.46	1.22	1.30	1.76	1.29	1.48	1.78	1.33	1.06	1.02	0.94	1.02
27	1.04	-	-	-	-	-	-	0.85	0.81	1.73	1.32	0.78
28	0.78	0.86	0.84	0.69	0.92	0.92	0.94	0.96	1.02	0.89	0.70	0.66
29	1.12	-	-	-	-	-	-	1.37	1.56	1.26	1.20	1.05
30	1.22	1.60	1.20	-	-	-	-	-	0.86	1.10	0.90	1.00
31	0.62	0.62	0.60	0.55	0.60	0.69	0.68	0.73	0.60	0.46	0.48	0.46
Promedio	0.89	0.99	1.02	0.99	1.02	0.96	0.96	0.92	0.96	0.92	0.86	0.82

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.79	0.82	0.90	0.86	0.98	0.98	0.74	0.96	0.68	0.60	0.66	0.66	0.81
0.98	0.97	1.18	1.08	1.08	1.09	0.98	0.60	0.52	0.58	0.55	0.84	0.83
0.98	0.74	0.80	0.78	0.82	1.06	0.58	-	-	-	-	-	0.81
0.71	0.60	0.55	0.64	0.69	0.62	0.76	0.73	0.97	0.70	0.80	0.68	0.71
0.76	0.61	0.65	0.65	0.60	0.74	0.72	-	-	-	-	-	0.73
0.74	0.78	0.87	0.82	0.82	0.70	0.86	0.35	0.52	0.72	0.57	0.58	0.78
1.03	1.06	1.14	1.23	1.26	-	-	-	-	-	-	-	0.98
0.38	0.45	0.54	0.46	0.40	0.40	0.50	0.42	0.38	0.36	0.56	0.54	0.46
0.78	1.10	1.51	0.64	0.78	0.76	1.05	1.10	1.02	0.52	0.47	0.49	0.68
0.86	1.02	0.89	-	-	-	-	-	-	-	-	-	0.85
1.12	0.65	0.72	1.10	0.89	1.03	1.23	0.74	0.74	0.51	0.80	0.93	0.96
0.56	0.72	0.71	0.87	0.76	0.82	0.78	0.66	0.71	0.86	0.87	0.56	0.84
0.70	0.74	0.80	0.80	0.86	0.93	0.85	0.54	0.61	0.70	0.82	0.84	0.82
1.18	1.07	0.95	1.10	0.94	1.14	0.90	0.70	0.54	0.48	0.52	0.66	1.03
1.13	1.17	1.14	1.02	1.09	0.85	0.86	0.96	0.59	0.64	0.68	0.86	1.02
0.90	0.80	1.02	1.00	1.05	1.13	1.04	0.61	1.51	1.30	1.46	1.46	0.94
1.06	1.16	1.12	1.06	1.00	1.04	1.00	1.36	1.15	1.21	1.26	1.48	1.18
1.00	1.00	1.02	0.97	1.02	0.92	1.00	1.20	1.22	1.02	1.10	1.08	1.13
1.22	1.18	1.22	1.22	1.18	1.27	1.25	1.44	1.39	1.35	1.32	1.70	1.30
0.96	0.95	0.97	0.87	0.96	0.76	0.88	0.68	1.06	1.04	0.86	1.16	0.94
0.87	1.07	0.86	0.70	0.86	0.80	0.91	0.86	1.06	0.60	0.86	1.55	1.08
-	-	-	1.30	-	0.78	1.04	1.02	0.88	0.99	1.25	1.10	1.13
0.61	0.68	0.49	0.45	0.56	0.56	1.00	0.85	0.66	0.39	0.60	0.72	0.80
0.90	0.91	0.79	-	0.36	0.54	0.70	0.95	0.69	0.62	0.66	0.80	0.81
0.97	0.88	0.88	0.94	1.12	1.20	1.20	1.30	1.22	1.23	1.25	1.40	1.04
0.69	0.68	0.71	0.71	0.84	0.94	1.17	1.12	1.02	0.91	0.92	0.88	1.12
1.22	1.30	1.07	1.28	1.05	1.05	1.04	0.58	0.48	0.57	0.91	0.82	0.94
0.88	0.99	0.98	0.95	0.98	0.97	1.23	0.77	0.62	0.49	0.64	0.48	0.87
1.06	0.84	0.58	0.48	0.40	0.54	0.58	0.46	0.79	0.86	0.80	0.82	0.86
0.96	-	-	-	1.27	-	-	1.12	0.87	1.32	0.95	0.70	1.09
0.43	0.36	0.46	0.47	0.50	0.46	0.49	0.68	0.54	0.40	0.77	0.90	0.58
0.88	0.87	0.88	0.87	0.87	0.86	0.90	0.84	0.83	0.78	0.85	0.91	0.92

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
0.74	0.79	0.84	0.84	0.93	0.92	0.64	0.68	0.62	0.48	0.50	0.72	0.78
0.90	0.94	1.04	1.00	0.96	0.90	0.87	0.53	0.48	0.50	0.48	0.82	0.77
0.91	0.74	0.73	0.73	0.72	0.98	0.87	-	-	-	-	-	0.84
0.60	0.51	0.50	0.60	0.62	0.60	0.66	0.64	1.02	0.68	0.78	0.52	0.66
0.66	0.55	0.55	0.55	0.58	0.79	0.66	-	-	-	-	-	0.64
0.69	0.80	0.76	0.72	0.76	0.60	0.80	0.46	0.51	0.66	0.49	0.46	0.74
0.86	1.00	1.12	1.20	0.69	-	-	-	-	-	-	-	0.89
0.36	0.48	0.48	0.42	0.39	0.32	0.38	0.37	0.30	0.32	0.48	0.42	0.47
0.74	1.34	1.51	0.82	0.69	1.41	1.00	1.24	1.10	0.64	0.52	0.36	0.78
0.86	0.98	0.92	0.77	-	-	-	-	-	-	-	-	0.75
0.82	0.68	0.67	0.70	0.74	0.78	0.62	0.48	0.53	0.46	0.79	0.88	0.79
0.40	0.69	0.69	0.79	0.66	0.66	0.62	0.46	0.53	0.73	0.72	0.64	0.75
-	-	-	-	-	-	-	-	-	-	-	-	0.87
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
0.82	0.76	0.90	0.88	0.92	0.92	0.92	0.74	1.50	0.83	1.28	1.28	0.97
1.16	1.14	1.06	1.09	1.04	1.10	1.06	1.10	1.11	1.05	1.14	1.31	1.14
0.94	0.90	0.80	0.90	0.96	0.73	0.90	1.00	1.06	0.86	0.80	0.84	0.99
-	-	-	1.38	1.27	1.28	1.31	1.60	1.21	1.54	1.28	1.82	1.41
0.98	0.93	0.86	0.88	0.84	0.76	0.74	0.64	0.88	0.80	0.73	1.04	0.87
0.74	0.82	0.64	0.72	0.73	0.70	0.82	0.76	0.82	0.51	0.90	1.41	0.87
-	-	-	1.36	0.60	0.71	1.01	0.78	0.82	0.92	1.22	1.01	1.03
0.62	0.62	0.50	0.46	0.50	0.67	0.96	0.77	0.56	0.34	0.48	0.56	0.75
0.98	0.91	0.74	0.45	0.34	0.48	0.87	0.78	0.64	0.64	0.64	0.90	0.81
0.85	0.84	0.84	0.93	1.14	1.16	1.30	1.22	1.22	1.27	1.37	1.38	1.03
0.88	0.84	0.77	0.80	0.89	0.95	1.16	1.11	0.96	0.92	0.89	0.90	1.11
1.08	1.22	1.02	1.06	1.00	0.72	0.64	0.40	0.46	0.56	0.77	0.69	0.90
0.91	0.96	0.91	0.89	0.92	0.90	1.16	0.60	0.55	0.42	0.60	0.42	0.81
0.96	0.82	0.60	0.55	0.44	0.55	0.57	0.46	0.77	0.82	0.66	0.90	0.87
0.99	-	-	-	1.30	-	-	1.13	0.94	0.99	0.84	0.64	1.05
0.42	0.36	0.44	0.50	0.44	0.46	0.46	0.68	0.48	0.43	0.76	0.84	0.56
0.80	0.82	0.80	0.81	0.78	0.80	0.84	0.78	0.79	0.72	0.80	0.86	0.86

IONES LIVIANOS POSITIVOS "n+" por cm³

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
1	260	173	86	217	217	347	347	1275	1194	434	434	347
2	707	744	782	782	782	738	951	911	1035	738	995	825
3	707	707	707	390	695	521	434	390	347	347	477	908
4	-	-	-	-	-	-	-	-	-	707	707	521
5	608	608	434	303	174	390	260	390	390	707	657	347
6	260	651	782	955	908	868	950	1234	1194	995	911	707
7	390	347	434	521	781	782	1035	1114	1155	1035	744	707
8	563	434	521	521	608	563	614	1114	787	707	608	477
9	307	-	130	-	-	-	-	347	260	260	-	657
10	260	217	86	260	347	390	695	951	1234	1114	608	521
11	782	707	608	608	707	707	995	1195	1275	1234	1115	1035
12	871	1275	614	868	868	955	1194	1234	868	608	521	521
13	521	521	477	608	608	521	787	868	744	347	390	347
14	744	744	868	955	995	995	1195	1275	1075	951	868	782
15	521	608	614	868	955	995	1154	1194	1035	1035	1035	955
16	563	608	477	347	347	347	434	871	911	744	707	608
17	782	707	707	782	782	782	782	868	1115	1075	1035	782
18	955	782	868	955	868	825	831	744	1115	1194	1115	1035
19	657	744	868	1075	868	868	1315	1354	1194	868	782	782
20	868	955	1035	955	825	782	1155	1035	1115	1035	868	707
21	521	434	521	434	347	434	608	868	707	608	521	434
22	347	434	477	608	477	434	738	949	949	782	-	-
23	174	174	86	174	260	260	521	868	782	608	608	521
24	260	174	303	563	608	608	911	955	955	1035	955	868
25	434	521	434	347	390	434	347	434	434	390	434	434
26	782	657	707	868	911	871	1275	1194	995	744	563	390
27	521	260	347	434	347	347	434	707	390	434	608	991
28	434	434	521	434	521	521	608	707	744	782	657	521
29	260	260	260	303	390	434	563	563	707	744	563	434
30	608	608	521	707	521	521	563	707	707	608	521	608
31	-	-	-	-	-	-	434	260	174	174	174	174
Promedio	540	553	527	601	611	616	763	885	853	768	696	631

IONES LIVIANOS NEGATIVOS "n-" por cm³

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
1	861	1630	1425	1046	752	715	376	1254	932	231	269	-
2	564	676	752	828	866	1052	1052	940	1048	753	978	752
3	451	376	677	676	789	526	338	193	188	231	300	740
4	-	-	-	-	-	-	-	-	-	677	676	676
5	269	226	188	226	226	312	312	-	419	828	714	602
6	381	563	1255	1120	790	602	1071	1390	1435	1086	902	790
7	150	188	376	381	457	381	714	1390	1324	1120	866	828
8	828	752	639	602	564	639	639	1082	1014	676	526	526
9	602	676	866	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	226	150	188	226	226	188	451	676	752	338	381	344
14	601	551	639	752	752	864	1492	1630	1320	1120	976	828
15	413	376	419	715	828	902	1289	1390	1320	1250	1120	1052
16	381	376	269	150	150	150	193	932	976	676	526	564
17	639	526	602	602	602	564	602	752	1120	1120	1188	828
18	639	564	526	677	752	602	576	564	1120	1250	1188	1052
19	413	419	338	344	526	639	1183	1460	1390	828	828	828
20	828	866	905	905	676	676	1186	1082	1390	976	752	676
21	226	226	226	150	226	226	226	715	526	451	564	376
22	188	188	269	376	312	269	751	1188	1320	1120	-	-
23	376	451	338	188	312	451	676	1014	828	602	602	526
24	150	150	226	312	451	602	1052	1250	1250	1250	1082	1188
25	312	339	376	312	312	312	226	312	376	451	339	451
26	526	226	150	602	451	640	1250	1289	1219	1154	828	-
27	-	-	-	-	-	-	-	-	640	828	790	-
28	376	312	312	312	451	526	602	868	955	955	782	608
29	226	-	-	-	-	-	-	489	676	676	526	344
30	602	526	752	602	526	526	526	602	312	312	226	-
31	-	-	-	-	-	-	-	-	-	226	312	312
Promedio	449	472	530	526	522	538	730	977	954	785	702	677

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
347	347	347	347	434	434	434	434	521	608	608	608	450
911	955	868	782	707	744	521	347	347	347	347	477	722
738	434	434	347	434	434	130	-	-	-	-	-	504
608	608	521	707	707	782	521	521	303	434	390	608	583
521	521	608	563	434	390	390	260	-	174	347	260	424
782	782	868	707	657	608	434	347	347	347	347	347	708
695	614	782	707	-	-	-	-	-	-	614	521	721
390	390	390	434	477	563	521	347	434	260	307	347	516
570	651	1035	477	434	527	608	608	527	174	174	217	442
608	707	570	782	831	657	514	521	434	260	521	707	574
1035	868	782	608	434	608	434	434	434	347	608	657	759
521	434	434	434	477	521	521	521	434	477	521	521	676
434	608	608	390	608	521	521	347	347	347	390	521	516
787	707	782	707	707	608	521	434	347	347	347	390	755
955	782	707	707	614	657	608	434	347	434	347	521	753
657	707	707	695	744	782	521	174	707	608	707	782	615
868	955	911	744	695	608	651	744	782	782	868	955	823
1115	821	955	868	782	707	707	608	608	707	707	608	853
608	707	868	782	782	782	782	868	782	955	782	955	876
707	707	608	521	521	521	521	434	434	434	434	521	737
434	563	521	521	521	434	434	434	390	303	347	304	485
-	-	-	-	434	521	608	521	521	521	608	434	576
521	434	260	260	260	434	434	434	347	260	347	347	390
707	477	477	434	347	434	521	434	434	347	347	390	564
434	347	434	434	563	608	707	608	608	608	657	707	490
217	347	260	347	434	563	608	608	521	434	434	347	628
955	868	707	707	657	744	521	347	260	-	347	347	512
707	521	563	608	521	563	521	347	347	260	260	260	515
434	434	434	347	434	434	521	390	434	434	347	434	440
521	707	-	-	-	-	434	434	347	-	-	-	567
260	260	347	347	347	347	260	260	260	347	434	521	299
635	609	593	544	552	570	514	455	450	428	465	503	597

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
-	-	226	-	-	-	150	226	344	376	451	451	651
828	790	676	602	564	413	226	226	226	226	226	526	658
639	344	312	226	312	312	526	-	-	-	-	-	429
602	602	602	602	602	526	376	-	226	150	269	226	487
526	526	526	451	526	376	312	226	226	226	312	188	380
905	790	752	639	602	602	376	226	312	376	312	226	729
689	526	828	602	-	-	-	-	-	-	-	905	690
376	312	312	376	376	451	526	451	312	226	376	413	541
-	-	-	-	-	-	-	-	-	-	-	-	715
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	226	312	312	283
376	451	451	451	376	344	312	226	226	188	226	312	337
639	556	484	414	602	488	376	269	226	226	312	312	684
905	676	676	639	526	451	312	150	150	226	226	451	686
526	602	676	602	602	602	376	376	376	376	526	639	484
828	828	864	752	676	714	715	564	526	532	602	639	724
1188	1215	905	828	602	526	451	376	312	312	376	312	705
602	828	828	828	752	676	828	676	676	602	526	905	747
676	602	602	489	526	451	376	226	226	226	226	226	657
344	488	451	376	376	312	226	150	150	150	150	112	309
-	-	-	-	451	488	526	312	413	413	526	381	527
451	602	312	312	312	339	451	376	226	226	150	226	431
905	602	602	602	451	451	376	150	226	226	226	376	590
312	312	376	451	602	526	526	451	376	376	526	376	389
-	-	-	-	-	-	-	-	-	-	-	-	758
752	752	602	419	526	526	312	312	226	451	312	226	512
782	521	608	521	434	434	312	226	150	150	150	150	479
344	639	602	526	526	526	602	376	312	312	226	451	466
-	-	-	-	-	-	-	-	-	-	-	-	501
312	376	376	376	376	376	312	226	226	312	312	376	320
631	606	569	525	509	474	412	309	290	296	327	389	550

IONES PESADOS POSITIVOS "N+" por cm³

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
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					APARATOS en REPARACIONES							
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Promedio												

IONES PESADOS NEGATIVOS "N−" por cm³

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
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					APARATOS en REPARACIONES							
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
Promedio												

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
					APARATOS en REPARACIONES							

12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios
					APARATOS en REPARACIONES							

COMPONENTE NORTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	10.6	13.6	12.1	31.8	34.8	10.6	9.1	15.1	19.7	18.1	13.6	10.6	15.1
2	16.6	16.6	15.1	13.6	13.6	12.1	6.0	4.5	15.1	12.1	9.1	4.5	13.6
3	10.6	16.6	13.6	13.6	16.6	15.1	6.0	6.0	12.1	21.2	18.1	13.6	18.1
4	-	-	-	-	-	-	-	-	-	-	-	18.1	22.7
5	13.6	12.1	16.6	12.1	13.6	18.1	9.1	10.6	13.6	16.6	21.2	19.7	19.7
6	10.6	9.1	12.1	13.6	13.6	6.0	6.0	9.1	10.6	15.1	13.6	15.1	18.1
7	15.1	15.1	15.1	15.1	15.1	10.6	9.1	9.1	7.6	10.6	12.1	15.1	15.1
8	12.1	15.1	12.1	13.6	13.6	12.1	13.6	10.6	15.1	15.1	13.6	10.6	10.6
9	13.6	15.1	15.1	15.1	15.1	9.1	10.6	6.0	21.2	28.7	33.3	34.8	36.3
10	19.7	18.1	19.7	21.2	21.2	12.1	12.1	9.1	9.1	13.6	15.1	18.1	18.1
11	12.1	9.1	7.6	12.1	13.6	-	-	-	10.6	10.6	7.6	13.6	10.6
12	-	-	-	-	-	-	-	-	21.2	21.2	12.1	9.1	9.1
13	13.6	10.6	12.1	12.1	15.1	6.0	3.0	4.5	19.7	18.1	19.7	18.1	13.6
14	13.6	15.1	12.1	12.1	9.1	9.1	13.6	18.1	-	19.7	15.1	21.2	19.7
15	13.6	15.1	13.6	12.1	13.6	10.6	9.1	6.0	9.1	13.6	12.1	19.7	13.6
16	12.1	13.6	9.1	12.1	12.1	10.6	3.0	1.5	-	-	-	-	-
17	7.6	12.1	13.6	16.6	15.1	10.6	6.0	10.6	13.6	15.1	13.6	12.1	9.1
18	10.6	16.6	15.1	15.1	16.6	12.1	12.1	12.1	13.6	13.6	16.6	19.7	18.1
19	15.1	15.1	12.1	15.1	19.7	12.1	10.6	7.6	12.1	15.1	18.1	16.6	12.1
20	12.1	12.1	10.6	12.1	10.6	6.0	6.0	4.5	4.5	7.6	7.6	9.1	9.1
21	6.0	9.1	4.5	3.0	3.0	1.5	- 1.6	- 4.8	- 3.2	3.0	4.5	4.5	9.1
22	3.0	6.0	3.0	3.0	3.0	1.5	- 1.6	- 4.5	1.5	4.5	-	-	-
23	6.0	4.5	4.5	4.5	6.0	3.0	1.5	1.5	4.5	7.6	9.1	13.6	12.1
24	6.0	6.0	6.0	3.0	4.5	1.5	4.5	- 1.6	6.0	3.0	4.5	4.5	9.1
25	15.1	7.6	7.6	6.0	4.5	1.5	3.0	3.0	7.6	10.6	6.0	6.0	3.0
26	12.1	13.6	9.1	-	-	-	-	1.5	6.0	10.6	6.0	12.1	7.6
27	3.0	1.5	4.5	3.0	3.0	- 3.2	- 4.8	- 1.6	4.5	13.6	13.6	12.1	7.6
28	9.1	7.6	7.6	3.0	3.0	3.0	3.0	- 1.6	4.5	9.1	7.6	9.1	9.1
29	10.6	9.1	7.6	7.6	9.1	3.0	6.0	1.5	4.5	7.6	7.6	9.1	3.0
30	13.6	7.6	12.1	12.1	18.1	16.6	10.6	9.1	-	-	15.1	13.6	12.1
31	15.1	12.1	12.1	13.6	15.1	9.1	9.1	3.0	13.6	13.6	15.1	12.1	7.6
Prom	11.5	11.6	10.9	11.7	12.6	8.2	6.5	5.4	9.9	13.2	12.9	13.6	13.2
Var.	1.6	1.7	1.0	1.8	2.7	- 1.7	- 3.4	- 4.5	0.0	3.3	3.0	3.7	3.3

COMPONENTE ESTE en MV/Km.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13
1	-32.7	-28.4	-29.8	-28.4	-27.0	-34.1	-31.2	-27.0	-29.8	-32.7	-32.7	-36.7	-25.6
2	-22.7	-24.1	-27.0	-27.0	-28.4	-32.7	-34.1	-32.7	-31.7	-38.3	-38.3	-34.1	-28.4
3	-24.1	-24.1	-25.6	-27.0	-27.0	-28.4	-32.7	-29.8	-32.7	-31.2	-34.1	-28.4	-24.1
4	-	-	-	-	-	-	-	-	-	-	-	-34.1	-24.1
5	-28.4	-27.0	-25.6	-25.6	-27.0	-27.0	-35.5	-31.2	-32.7	-34.1	-32.7	-32.7	-28.4
6	-27.0	-29.8	-25.6	-28.4	-29.8	-32.7	-29.8	-29.8	-28.4	-24.1	-25.6	-22.7	-21.3
7	-25.6	-24.1	-25.6	-25.6	-27.0	-29.8	-29.8	-31.2	-31.2	-28.4	-29.8	-25.6	-27.0
8	-31.2	-24.1	-27.0	-27.0	-27.0	-31.2	-28.4	-29.8	-29.8	-29.8	-31.2	-29.8	-27.0
9	-25.6	-25.6	-25.6	-27.0	-29.8	-31.2	-31.2	-31.2	-18.5	-15.6	-15.6	-15.6	-15.6
10	-28.4	-27.0	-28.4	-28.4	-29.8	-34.1	-32.7	-32.7	-32.7	-28.4	-28.4	-29.8	-28.4
11	-29.8	-29.8	-31.2	-29.8	-29.8	-32.7	-	-	-29.8	-31.2	-31.2	-29.8	-29.8
12	-	-	-	-	-	-	-	-	-29.8	-32.7	-28.4	-27.0	-28.4
13	-21.3	-24.1	-24.1	-24.1	-25.6	-32.7	-29.8	-28.4	-28.4	-28.4	-24.1	-19.9	-19.9
14	-24.1	-22.7	-25.6	-22.7	-25.6	-28.4	-27.0	-25.6	-	-25.6	-28.4	-25.6	-22.7
15	-21.3	-22.7	-21.3	-21.3	-22.7	-24.1	-25.6	-25.6	-24.1	-18.5	-19.9	-18.5	-22.7
16	-18.5	-19.9	-21.3	-19.9	-19.9	-19.9	-25.6	-24.1	-24.1	-	-	-	-
17	-19.9	-18.5	-19.9	-18.5	-17.0	-19.9	-24.1	-21.3	-17.0	-15.6	-21.3	-19.9	-17.0
18	-19.9	-18.5	-18.5	-18.5	-15.6	-21.3	-18.5	-19.9	-19.9	-19.9	-15.6	-14.2	-14.2
19	-18.5	-18.5	-21.5	-19.9	-19.9	-25.6	-21.3	-22.7	-21.3	-18.5	-17.0	-18.5	-19.9
20	-19.9	-19.9	-21.3	-21.3	-24.1	-24.1	-25.6	-24.1	-21.3	- 9.5	1.6	- 3.1	- 3.1
21	- 4.7	- 3.1	3.2	7.9	7.9	- 7.9	- 3.1	- 4.7	- 4.7	- 3.1	- 4.7	-11.0	- 9.4
22	- 9.4	- 3.1	1.6	-12.6	- 9.4	- 9.4	-12.6	-15.6	- 9.4	- 7.8	-	-	-
23	- 3.1	- 3.1	- 6.3	- 9.4	- 9.4	- 7.8	- 9.4	- 7.8	-12.6	- 7.8	- 6.3	- 4.7	- 9.4
24	- 3.1	- 1.6	1.6	- 9.4	-11.0	-11.0	-11.0	- 7.8	- 6.3	- 4.7	- 7.8	- 7.8	- 7.8
25	- 4.7	- 4.7	- 7.8	-15.6	-12.6	-11.0	- 7.8	- 9.4	- 9.4	-11.0	- 7.8	- 6.3	- 4.7
26	- 2.8	- 1.4	- 2.8	-	-	-	-	- 5.7	- 8.5	- 8.5	- 9.9	- 9.9	- 9.9
27	- 2.8	- 1.5	- 2.8	- 5.7	5.7	5.7	- 1.4	- 4.3	- 4.3	- 9.9	22.8	29.9	21.4
28	- 4.3	- 2.8	- 4.3	- 7.1	- 8.5	- 4.3	- 4.3	- 5.7	- 7.1	- 7.1	- 7.1	- 8.5	- 4.3
29	17.1	31.2	32.7	32.7	37.0	32.8	12.8	- 1.4	- 4.3	- 2.8	- 4.3	- 2.8	- 2.8
30	-15.7	-18.5	-12.8	-15.7	-15.7	-18.5	-20.0	-21.4	-	-	-15.7	-17.0	-18.5
31	-14.2	-15.6	-14.2	-17.0	-17.0	-21.3	-21.3	-21.3	-15.6	-15.6	-11.4	-19.9	-18.5
Prom	-16.8	-15.6	-15.7	-17.6	-17.4	-20.1	-20.4	-20.5	-20.2	-19.3	-18.0	-18.1	-16.9
Var.	1.8	3.0	2.9	1.0	1.2	- 1.5	- 1.8	- 1.9	- 1.6	- 0.7	0.6	0.5	1.7

LINEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
10.6	6.0	7.6	3.0	7.6	7.6	10.6	3.0	16.6	21.2	13.6	13.4	2
13.6	6.0	3.0	4.5	3.0	4.5	16.6	12.1	18.1	19.7	13.6	11.1	2
15.1	10.6	7.6	6.0	7.6	16.6	-	-	-	-	-	12.9	1
22.7	27.2	18.1	16.6	9.1	10.6	19.7	19.7	16.6	24.2	25.7	19.3	2
16.6	16.6	16.6	12.1	9.1	12.1	16.6	13.6	15.1	18.1	19.7	15.1	1
13.6	12.1	9.1	6.0	3.0	7.6	12.1	12.1	13.6	18.1	15.1	11.5	1
10.6	12.1	7.6	3.0	1.5	16.6	16.6	16.6	15.1	18.1	13.6	12.3	1
16.6	12.1	6.0	4.5	6.0	7.6	13.6	16.6	16.6	15.1	15.1	12.4	1
39.3	31.2	30.2	19.7	27.2	24.2	24.2	19.7	18.1	19.7	15.1	21.8	1
16.6	12.1	- 9.5	- 9.5	3.0	9.1	13.6	15.1	16.6	19.7	13.6	12.8	1
12.1	12.1	10.6	3.0	3.0	4.5	6.0	10.6	18.0	-	-	9.9	1
15.1	15.1	10.6	6.0	9.1	10.6	12.1	7.6	13.6	15.1	13.6	12.6	2
10.6	3.0	1.5	6.0	3.0	3.0	9.1	13.6	13.6	15.1	13.6	10.9	2
16.6	15.1	9.1	6.0	7.6	12.1	9.1	15.1	18.1	19.7	13.6	13.9	1
10.6	7.6	7.6	6.0	10.6	15.1	10.6	10.6	10.6	16.6	13.6	11.7	1
-	-	-	-	-	-	-	-	12.1	12.1	12.1	10.0	1
9.1	7.6	9.1	12.1	12.1	10.6	9.1	13.6	16.6	18.1	12.1	11.9	1
15.1	10.6	6.0	4.5	15.1	12.1	13.6	13.6	12.1	15.1	12.1	13.4	1
12.1	6.0	6.0	3.0	1.5	6.0	9.1	10.6	12.1	16.6	13.6	11.6	1
6.0	3.0	1.5	- 1.6	- 4.8	- 3.2	3.0	4.5	6.0	6.0	3.0	5.6	2
9.1	- 3.2	- 4.8	- 6.4	- 6.4	- 1.6	3.0	3.0	1.5	7.6	4.5	1.9	1
-	-	-	- 3.2	3.0	4.5	6.0	6.0	9.1	9.1	9.1	3.5	1
9.1	4.5	1.5	- 1.6	3.0	3.0	4.5	6.0	3.0	1.5	4.5	4.9	1
6.0	6.0	6.0	- 9.5	3.0	3.0	3.0	3.0	3.0	6.0	6.0	3.9	2
1.5	- 1.6	- 4.8	- 6.2	- 3.2	- 1.6	1.5	1.5	6.0	7.6	9.1	3.8	1
3.0	- 3.2	- 3.2	- 3.2	3.0	4.5	3.0	- 3.2	4.5	4.5	3.0	4.6	1
6.0	3.0	1.5	- 1.6	- 4.8	-23.8	-12.7	6.0	12.1	9.1	7.6	2.5	2
3.0	3.0	4.5	1.5	1.5	- 4.8	6.0	4.5	9.1	16.6	7.6	5.2	1
- 3.2	- 4.8	1.5	3.0	4.5	4.5	4.5	6.0	16.6	15.1	15.1	6.2	2
7.6	15.1	-	10.6	-	-	-	9.1	13.6	15.1	12.1	12.4	2
6.0	4.5	6.0	1.5	1.5	6.0	12.1	10.6	12.1	9.1	9.1	9.6	1
11.4	8.7	5.9	3.2	4.8	6.2	9.1	9.7	12.3	14.1	11.7	9.9	
1.5	- 1.2	- 4.0	- 6.7	- 5.1	- 3.7	- 0.8	- 0.2	2.4	4.2	1.8		

LÍNEAS CORTAS

13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedio	Tipo
-27.0	-29.8	-27.0	-32.7	-31.2	-28.4	-28.4	-31.2	-24.1	-24.1	-25.6	-29.4	1
-28.4	-29.8	-32.7	-29.8	-29.8	-29.8	-27.0	-24.1	-22.7	-24.1	-27.0	-29.4	1
-25.6	-28.4	-29.8	-28.4	-28.4	-24.1	-	-	-	-	-	-28.1	0
-25.6	-28.4	-32.7	-32.7	-32.7	-28.4	-24.1	-25.6	-27.0	-22.7	-22.7	-27.8	1
-29.8	-31.2	-34.1	-35.5	-34.1	-29.8	-25.6	-29.8	-29.8	-27.0	-24.1	-29.9	0
-25.6	-24.1	-27.0	-28.4	-29.8	-29.8	-27.0	-25.6	-24.1	-24.1	-25.6	-26.9	0
-28.4	-29.8	-27.0	-31.2	-34.1	-24.1	-27.0	-27.0	-29.8	-25.6	-29.8	-28.1	0
-25.6	-29.8	-31.2	-31.2	-29.8	-28.4	-24.1	-21.3	-21.3	-24.1	-28.4	-27.8	0
-14.2	-15.6	-17.0	-22.7	-21.3	-24.1	-25.6	-25.6	-25.6	-25.6	-28.4	-23.1	0
-29.8	-31.2	-35.5	-38.3	-34.1	-32.7	-32.7	-28.4	-22.7	-22.7	-29.8	-30.3	1
-29.8	-35.5	-36.9	-36.9	-34.1	-35.5	-32.7	-29.8	-25.6	-	-	-31.6	1
-29.8	-32.7	-31.2	-28.4	-25.6	-29.8	-29.8	-25.6	-24.1	-21.3	-22.7	-28.0	1
-22.7	-25.6	-34.1	-28.4	-25.6	-25.6	-27.0	-21.3	-22.7	-21.3	-25.6	-25.4	2
-29.8	-27.0	-34.1	-27.0	-27.0	-24.1	-25.6	-21.3	-17.0	-17.0	-21.3	-25.0	1
-21.3	-22.7	-24.1	-24.1	-25.6	-25.6	-25.6	-21.3	-21.3	-18.5	-21.3	-22.5	0
-	-	-	-	-	-	-	-	-21.3	-21.3	-25.6	-21.8	1
-17.0	-21.3	-19.9	-19.9	-18.5	-18.5	-22.7	-19.9	-17.0	-17.0	-22.7	-19.3	1
-15.6	-19.9	-21.3	-21.3	-17.0	-18.5	-18.5	-19.9	-15.6	-15.6	-18.5	-18.0	1
-19.9	-22.7	-22.7	-22.7	-22.7	-21.3	-22.7	-19.9	-21.3	-17.0	-19.9	-20.7	0
- 6.3	- 1.6	- 4.7	- 4.7	- 4.7	- 6.3	- 3.1	- 1.6	- 3.1	- 3.2	- 3.1	-10.6	2
- 3.1	- 7.8	- 1.6	- 6.3	- 7.8	- 6.3	-11.0	-12.6	- 9.4	- 6.3	- 3.1	- 4.7	2
-	-	-	-11.0	-11.0	-25.1	-14.1	-14.1	-12.6	- 7.8	- 4.7	-10.4	2
- 9.4	- 7.8	- 9.4	- 9.4	-12.6	-15.7	-12.6	-12.6	- 9.4	- 9.4	- 3.1	- 8.7	1
- 9.4	- 7.8	- 7.8	-11.0	-12.6	- 6.3	-11.0	- 7.8	-12.6	- 9.4	- 6.3	- 7.9	1
- 3.1	- 4.7	- 6.3	- 7.8	- 7.8	- 9.4	-14.1	-12.6	-12.6	-11.0	- 6.3	- 8.7	1
- 7.1	- 5.7	- 4.3	- 8.5	- 7.1	- 8.6	- 7.1	- 7.1	- 2.8	- 4.3	- 5.7	- 6.4	1
12.8	8.6	- 2.8	- 5.7	- 5.7	- 4.3	- 7.1	- 2.8	- 4.3	- 4.3	- 2.8	1.4	2
- 6.0	- 1.4	- 4.3	- 5.7	- 5.7	- 8.5	- 8.6	- 5.7	- 5.7	- 1.4	- 4.3	- 5.5	1
- 4.3	- 4.3	- 5.7	- 8.6	- 7.1	- 7.1	- 8.5	- 4.3	-12.8	-14.2	-17.0	3.5	2
-18.5	-15.7	-	-20.0	-	-	-	-20.0	-17.0	-11.4	-10.0	-16.8	1
-19.9	-15.6	-14.2	-17.0	-19.9	-17.0	-14.2	-14.2	-12.8	-14.2	-11.4	-16.4	1
-17.9	-18.8	-20.7	-21.2	-20.8	-20.4	-19.9	-18.4	-17.6	-16.1	-17.1	-18.6	
0.7	- 0.2	- 2.1	- 2.6	- 2.2	- 1.8	- 1.3	0.2	1.0	2.5	1.5		

PRESIÓN ATMOSFÉRICA

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	56.3	56.1	56.1	56.1	56.3	56.4	56.4	56.7	56.4	56.3	56.2	55.9	55.4	55.2	54.7
2	55.3	55.3	55.7	55.8	56.3	56.6	57.0	57.2	57.2	57.2	57.2	57.3	56.7	56.1	55.7
3	54.0	53.6	54.1	56.2	56.1	56.0	55.8	55.8	56.1	55.6	55.6	55.8	55.5	55.4	55.1
4	58.7	58.7	58.9	59.4	60.3	60.0	61.0	61.4	61.5	61.8	62.0	61.9	62.0	61.9	61.3
5	59.3	58.9	58.5	58.4	58.4	58.3	58.3	58.0	58.1	58.3	58.3	58.1	58.0	57.6	57.4
6	55.6	55.8	56.0	55.8	55.7	56.1	56.1	56.0	56.1	55.8	55.6	55.2	54.7	54.4	54.1
7	53.9	53.5	53.5	54.0	54.3	55.1	55.5	55.7	55.6	55.5	55.3	55.4	55.8	55.6	55.4
8	60.0	60.2	60.6	60.9	61.6	61.0	62.3	63.2	63.3	63.1	62.9	62.8	62.4	62.2	61.7
9	60.5	60.1	60.1	60.9	60.4	60.2	60.4	60.8	60.5	60.7	61.0	60.4	60.1	59.8	59.0
10	55.7	55.2	54.3	54.0	54.6	54.6	54.4	54.6	54.0	53.6	53.4	52.8	52.1	51.4	51.5
11	53.1	53.1	53.4	53.5	53.9	54.4	54.7	55.2	55.3	55.4	55.4	55.2	55.2	55.2	55.0
12	59.6	59.1	59.4	59.9	60.6	61.5	61.5	62.5	62.6	62.7	62.5	62.4	62.3	62.5	62.5
13	64.0	63.8	63.9	64.0	64.4	64.7	64.8	65.4	65.4	65.1	64.7	64.5	64.0	63.3	62.7
14	61.0	60.5	60.0	60.1	60.1	60.4	60.3	60.6	60.4	60.2	59.9	59.5	58.9	58.6	57.9
15	56.3	56.2	56.0	56.0	56.1	56.3	56.4	56.8	56.6	56.4	56.2	55.6	55.2	54.6	54.0
16	53.9	53.3	52.9	52.9	53.1	53.2	53.4	53.4	53.5	53.4	53.3	53.1	52.9	52.8	52.8
17	56.2	56.2	56.3	57.2	57.8	58.2	57.9	57.8	59.7	59.5	59.3	59.0	58.8	58.5	58.4
18	60.7	60.4	60.2	60.2	60.4	60.6	60.7	60.8	60.8	60.6	60.4	60.1	59.8	59.5	58.9
19	58.6	58.4	58.1	58.1	57.8	57.8	57.6	57.6	57.4	57.0	56.8	56.5	56.2	55.9	55.7
20	56.4	56.1	56.0	56.3	56.5	56.5	56.5	57.2	57.2	57.1	56.8	56.5	56.2	55.6	55.2
21	55.1	54.9	55.0	55.1	55.5	55.9	56.1	56.2	55.9	55.4	54.9	54.1	53.5	53.0	52.8
22	54.7	54.9	55.5	55.8	56.4	57.0	57.8	58.0	58.1	58.0	57.8	57.7	57.4	56.9	56.9
23	60.3	60.2	60.2	60.8	61.2	61.4	61.4	62.0	62.0	61.9	61.9	61.7	61.1	60.8	60.6
24	60.5	60.3	60.1	59.7	59.9	60.0	60.1	60.0	59.5	58.8	57.8	56.8	55.9	54.7	53.8
25	51.2	50.8	50.6	51.0	51.1	51.8	51.9	52.0	52.3	51.4	51.4	51.5	50.6	50.0	49.6
26	50.9	50.9	50.9	51.1	51.5	51.7	52.0	52.1	51.9	51.6	51.4	51.3	50.7	50.4	50.1
27	50.8	50.7	50.5	50.6	50.6	51.0	51.2	51.4	51.6	53.9	53.6	52.9	53.6	53.2	52.7
28	56.6	56.1	55.7	55.9	56.1	56.2	56.1	56.2	55.9	55.6	55.3	54.5	53.9	53.3	52.7
29	52.4	52.1	52.8	52.2	52.6	52.8	52.5	52.5	52.8	52.7	52.6	52.4	52.3	52.6	52.7
30	55.4	55.2	55.0	55.1	55.0	55.1	55.4	55.4	55.1	54.8	54.8	54.5	54.1	53.8	53.4
31	56.1	56.2	56.8	57.4	58.1	58.5	59.0	59.7	59.7	59.7	59.6	59.4	59.2	59.0	58.7
Prom	56.4	56.3	56.4	56.6	56.9	57.1	57.2	57.9	57.5	57.4	57.2	56.9	56.6	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	15.4	14.5	13.6	13.3	13.1	13.3	18.0	20.6	22.7	24.7	26.5	27.9	29.1	29.6	29.6
2	16.7	16.2	15.4	14.4	14.4	17.6	21.8	25.2	23.0	23.1	30.0	30.5	30.6	30.5	30.4
3	21.1	19.6	21.0	20.7	19.5	19.7	20.3	22.2	23.0	23.8	25.4	26.9	28.2	28.8	29.5
4	16.4	16.0	15.6	14.8	14.4	15.1	15.9	16.8	17.7	19.1	19.7	20.5	21.5	22.3	22.5
5	11.6	10.9	10.1	9.8	9.9	12.1	15.5	18.4	19.6	20.5	21.5	21.5	22.2	23.0	23.4
6	15.4	15.4	15.7	15.3	15.1	16.9	18.8	21.2	22.9	24.9	25.8	26.1	26.7	27.0	27.0
7	18.2	17.3	16.8	17.9	18.2	18.9	20.0	21.2	22.4	24.9	27.5	28.2	27.2	28.2	29.0
8	17.6	17.0	16.3	15.8	15.8	15.9	16.7	18.3	19.5	21.2	21.8	22.4	23.0	22.6	22.9
9	16.1	16.2	16.3	17.0	17.2	18.4	19.0	18.6	18.2	18.0	18.0	18.0	17.8	17.8	17.8
10	15.5	15.0	14.0	13.5	13.4	15.7	19.0	20.9	22.5	23.7	24.2	25.5	26.7	26.4	23.3
11	14.5	13.8	13.5	12.9	12.4	14.6	18.1	20.6	22.4	24.3	25.8	27.0	27.5	28.2	27.5
12	13.9	12.7	12.0	11.4	11.1	11.5	13.9	16.2	18.0	19.0	20.2	20.9	21.5	20.9	20.2
13	11.0	10.4	9.4	8.4	8.0	10.3	14.2	16.3	17.9	19.3	19.8	20.5	20.6	21.6	21.9
14	16.6	15.7	15.4	14.9	14.0	15.1	17.0	19.0	21.1	22.7	23.9	24.3	24.8	25.0	25.0
15	19.5	19.3	18.9	18.3	17.3	18.0	19.8	21.6	23.6	24.9	26.3	27.4	28.0	28.3	28.6
16	18.9	18.4	18.1	17.9	17.5	18.7	22.2	23.2	24.2	26.2	27.6	27.8	29.1	29.2	28.8
17	16.7	15.7	15.0	14.3	14.1	14.1	17.0	19.0	19.9	20.4	21.1	21.6	21.4	21.4	22.2
18	12.6	11.4	10.5	11.5	11.8	11.4	12.8	14.8	16.1	17.2	18.2	18.1	19.0	19.2	20.3
19	9.2	8.4	7.7	7.5	7.3	8.6	12.6	15.2	17.1	18.6	19.7	19.7	19.7	21.0	21.7
20	16.0	16.0	16.0	16.0	15.6	15.4	16.6	17.6	19.0	21.6	22.6	24.1	24.9	26.2	26.1
21	13.6	12.4	11.9	11.5	11.2	13.0	16.6	19.0	20.9	22.6	23.9	25.3	26.1	26.6	26.8
22	14.8	14.6	14.0	13.4	13.1	13.7	16.1	16.6	18.4	19.7	21.9	22.9	24.0	25.2	25.1
23	11.5	10.2	8.9	7.5	6.2	7.7	11.6	14.6	16.0	18.1	19.9	21.7	22.9	23.6	23.6
24	10.8	10.2	9.7	9.5	9.4	12.1	14.7	17.6	20.1	22.2	24.8	25.3	26.5	27.4	28.8
25	19.5	19.7	20.8	20.2	18.9	19.5	21.8	25.8	27.1	24.9	25.6	25.6	26.2	27.8	29.0
26	16.9	15.2	15.1	14.4	14.0	16.2	22.0	26.0	29.2	30.8	32.1	33.4	34.4	34.8	35.0
27	18.3	18.8	18.7	18.9	18.6	19.7	23.7	28.8	31.3	20.5	19.1	20.3	21.8	22.4	22.7
28	18.0	17.4	17.0	17.0	18.6	19.0	20.7	21.4	22.1	23.4	25.2	26.6	28.5	29.2	29.6
29	19.1	18.9	18.3	18.7	18.5	19.9	22.7	25.4	27.7	29.0	30.0	30.4	30.7	28.6	27.3
30	17.2	16.4	15.7	15.3	14.6	15.9	18.8	22.0	25.6	28.3	29.9	31.9	33.4	34.0	32.6
31	19.4	18.1	16.7	15.6	15.2	16.2	19.2	21.8	25.3	26.3	26.9	27.7	27.3	26.8	26.3
Prom	15.9	15.2	14.8	14.4	14.3	15.3	18.0	20.2	21.8	22.7	24.0	24.8	25.6	25.9	26.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
54.6	54.3	54.4	54.5	54.6	55.0	55.5	55.6	55.6	56.7	8	54.3	17	2.4	755.6 mm.	1007.4 mb.
55.2	54.6	54.0	53.6	53.6	54.5	54.9	54.9	54.0	57.3	12	53.6	19,20	3.7	55.7	1007.6
54.9	54.5	54.6	56.9	57.7	57.8	58.3	58.6	58.7	58.7	24	53.5	2-3	5.2	55.9	1007.8
60.7	60.3	60.2	60.3	61.0	60.5	60.3	60.2	59.7	62.0	11	58.7	0,1,2	3.3	60.6	1014.1
56.9	56.4	56.7	56.8	57.0	57.1	57.0	56.7	56.2	59.7	0	56.2	24	3.5	57.7	1010.2
53.5	53.4	53.5	53.5	53.4	53.3	53.5	53.9	53.9	56.2	0	53.3	21	2.9	54.8	1006.4
55.1	55.0	56.0	56.3	56.8	58.2	58.6	59.2	59.9	59.9	24	53.4	2-3	6.5	55.8	1007.7
61.3	61.3	61.7	61.7	61.6	61.6	61.6	61.3	61.2	63.4	8-9	59.9	0	3.5	61.8	1015.7
58.3	57.8	56.4	54.7	53.4	55.2	55.6	55.7	55.7	60.9	4	53.4	20	7.5	58.6	1011.4
52.2	52.4	51.8	51.2	52.0	52.2	52.8	53.0	53.1	55.8	0-1	51.2	19	4.6	53.2	1004.2
54.8	54.9	55.1	56.4	57.0	57.9	58.7	58.7	58.8	58.8	24	53.1	0,1,2	5.7	55.4	1007.2
62.4	62.4	62.9	63.4	63.4	64.2	64.6	64.5	64.3	64.6	22	58.8	24	5.8	62.2	1016.2
62.1	61.5	61.4	61.5	61.5	61.6	61.7	61.7	61.4	65.4	8,9	61.4	18	4.0	63.3	1017.7
57.5	57.1	57.0	57.3	57.6	57.7	57.6	56.2	56.4	61.4	0	56.2	23	5.2	58.9	1011.8
53.2	52.8	53.1	53.5	53.4	53.9	54.0	54.2	55.0	56.8	8	52.8	17	4.0	55.1	1006.8
52.9	52.5	52.7	53.4	53.7	54.3	55.1	55.9	56.3	56.3	0	52.5	17	3.8	53.2	1004.2
58.1	58.3	58.8	59.4	59.8	60.5	60.9	61.1	60.8	61.1	23	56.2	1,2	4.9	58.7	1011.6
58.8	58.6	58.7	59.0	59.1	59.3	59.3	59.1	58.8	60.8	1,8,9	58.6	17	2.2	59.8	1013.0
55.5	55.6	55.8	56.1	56.4	56.7	56.7	56.7	56.6	58.8	0	55.5	16	3.3	56.9	1009.2
54.6	54.4	54.4	54.6	55.0	55.4	55.8	55.7	55.5	57.2	8,9	54.4	17,18	2.8	55.9	1007.8
52.6	52.5	52.6	53.2	53.6	54.1	54.6	54.8	54.7	56.2	8	52.5	17	3.7	54.4	1005.8
57.0	57.2	57.4	57.9	58.4	59.3	59.7	60.1	60.3	60.3	24	54.7	0,1	5.6	57.5	1010.0
60.5	60.2	60.2	60.4	60.5	60.8	60.6	60.6	60.7	62.0	8,9	60.2	varios	1.8	60.9	1014.5
52.9	52.4	52.0	52.0	52.0	52.1	52.1	51.9	51.3	60.7	0	51.3	24	9.4	56.1	1008.1
49.4	49.2	49.4	49.8	50.4	50.7	51.0	51.1	51.0	52.6	9-10	49.2	17	3.4	50.8	1001.0
49.6	49.4	49.5	49.8	50.0	50.3	50.6	50.7	51.0	52.1	9	49.4	17	2.7	50.8	1001.0
53.2	53.4	53.9	54.0	54.5	55.4	56.3	56.6	56.6	56.7	23-24	50.5	3	6.2	53.0	1004.0
52.2	51.6	51.4	51.5	51.8	52.0	52.2	52.3	52.7	56.6	0,1	51.4	18	5.2	54.1	1005.4
52.6	52.7	53.2	54.0	54.4	54.9	65.2	55.2	55.3	55.3	24	52.1	2	3.2	53.6	1004.8
53.1	53.1	53.1	53.7	54.6	55.3	55.1	55.2	56.0	56.0	24	53.1	16,17,18	2.9	54.7	1006.2
58.6	58.7	58.7	59.0	59.0	59.1	59.1	59.0	59.0	59.7	8,9,10	56.0	0	3.7	58.6	1011.4
55.6	55.4	55.5	55.8	56.0	56.5	57.1	56.8	56.8	58.8		54.4		4.4	56.6	1008.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
29.6	29.2	26.4	23.4	21.2	19.8	18.9	17.3	17.3	29.7	14-15	13.1	5	16.6	21.6
29.9	28.2	26.2	24.6	22.4	22.7	23.1	22.4	21.9	31.0	12-13	13.9	4-5	17.1	23.4
29.1	28.9	25.1	19.7	18.8	18.6	19.2	18.6	17.3	29.5	15	17.3	24	12.2	22.7
22.6	21.9	20.1	17.8	16.2	15.5	14.2	13.0	12.4	22.6	16	12.4	24	10.2	17.6
23.3	22.6	21.4	19.5	18.2	17.6	17.9	17.1	15.0	23.4	15	9.8	4	13.6	17.6
26.8	25.9	24.3	22.1	21.0	20.8	20.7	20.7	19.5	27.0	14,15	14.5	0-1	12.5	21.5
28.7	27.5	19.7	18.4	18.0	18.9	19.0	19.0	17.7	29.1	15-16	16.8	3	12.3	21.8
22.6	21.6	20.6	19.3	18.2	17.8	16.9	16.4	16.0	23.1	15-16	15.8	4-5	7.3	19.0
17.9	17.2	16.9	17.0	17.2	17.5	17.5	17.5	16.7	19.0	7	16.0	0	3.0	17.5
18.8	17.4	17.6	17.5	16.8	16.9	16.6	15.7	15.1	27.1	13-14	13.4	5	13.7	18.6
26.9	25.5	24.1	20.9	20.5	19.0	17.7	16.9	16.2	28.3	14-15	12.4	5	15.9	19.8
19.4	18.5	17.8	16.5	15.2	14.4	13.5	12.5	11.5	21.6	12-13	11.0	5-6	10.6	16.0
22.0	21.5	20.3	18.4	16.8	16.8	16.8	16.7	16.7	22.0	16	8.0	5	14.0	16.5
24.8	24.1	22.1	20.6	19.2	19.1	19.1	18.9	19.2	25.1	13-14	14.0	5	11.1	20.1
27.2	27.5	26.3	23.6	22.2	20.7	20.2	20.6	20.6	28.7	14-15	17.2	5-6	11.5	22.9
28.0	27.7	26.4	23.2	22.0	19.2	20.0	18.9	17.7	29.6	14-15	17.5	5	12.1	23.0
22.9	22.7	21.0	18.9	17.0	15.7	15.1	14.1	13.3	23.1	16-17	13.3	24	9.8	18.1
19.7	19.5	18.4	16.6	15.4	14.5	12.6	11.8	10.5	20.5	15-16	10.5	3,24	10.0	15.2
21.8	21.0	20.2	18.1	16.7	16.1	15.5	15.3	16.1	22.2	15-16	7.3	5	14.9	15.6
25.7	25.6	24.7	22.5	19.8	17.9	16.6	16.0	14.5	26.4	15-16	14.5	24	11.9	19.9
27.0	26.9	26.3	23.5	19.8	17.5	17.2	16.0	15.0	27.0	16	11.2	5	15.8	19.6
24.3	23.3	22.6	20.7	18.8	17.4	15.6	14.2	12.5	25.2	14	12.5	24	12.7	18.4
22.6	21.1	19.9	17.4	16.2	15.2	13.9	12.9	11.6	23.8	14-15	6.1	5-6	17.7	15.6
29.0	28.9	27.2	23.8	21.2	19.9	18.9	18.5	20.6	29.0	16	9.4	5	19.6	19.9
29.8	28.9	28.9	25.8	23.0	21.4	20.2	19.3	17.7	29.8	16	17.7	24	12.1	23.6
34.7	34.1	31.9	28.3	25.2	23.1	21.7	20.8	19.8	35.0	15	14.0	5	21.0	25.6
23.2	23.2	23.3	21.9	21.4	21.6	19.7	19.1	18.8	31.5	9-10	18.3	1	13.2	21.5
29.6	28.8	27.8	25.0	22.6	21.6	21.0	20.6	19.5	29.6	15-16	17.0	3,4	12.6	22.9
26.3	24.8	23.0	20.9	19.2	18.4	18.1	17.9	17.8	30.9	13-14	17.8	24	13.1	23.0
31.6	31.4	30.3	26.8	25.0	22.3	20.7	20.1	20.2	34.8	14	14.6	5	20.2	24.6
25.8	25.3	24.2	22.6	21.7	21.9	22.1	21.9	21.2	27.7	12	15.2	5	12.5	22.3
25.5	24.7	23.0	22.3	19.6	18.7	18.1	17.4	16.8	26.9		13.6		13.3	20.2

HUMEDAD RELATIVA en %

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

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	12.0	11.0	11.0	10.5	10.5	11.5	12.5	12.5	12.0	12.0	10.5	11.0	10.2	10.0
2	12.0	12.0	12.0	11.0	10.5	10.5	11.0	11.6	8.5	7.8	11.5	10.5	12.0	11.6	12.0
3	14.0	14.5	13.5	14.0	16.0	14.5	15.5	15.7	16.0	17.0	16.0	17.5	19.0	17.0	16.0
4	12.0	11.5	11.5	11.0	10.0	10.0	10.0	10.2	10.0	10.0	10.5	10.0	10.0	10.2	10.5
5	9.5	9.0	9.0	8.5	8.5	9.5	10.0	11.2	11.5	11.0	11.0	11.0	9.5	10.2	10.0
6	12.5	12.5	12.5	12.5	11.5	12.5	13.0	13.1	13.0	13.5	11.5	10.5	12.0	11.8	12.5
7	15.0	14.0	13.0	13.0	12.0	12.5	13.5	13.7	13.5	13.5	13.0	13.5	14.0	14.1	15.5
8	13.5	13.0	12.5	12.0	12.0	11.5	11.5	12.6	12.0	13.5	14.0	13.5	14.0	13.8	14.0
9	13.0	13.0	13.0	14.0	14.0	15.0	15.0	16.0	15.0	15.0	15.0	15.0	14.5	15.1	14.5
10	12.5	12.0	11.5	11.0	11.0	12.5	15.5	16.6	16.5	16.5	17.0	16.0	16.0	17.0	18.5
11	12.0	11.0	11.0	10.5	10.0	11.0	12.5	13.1	13.5	13.0	13.0	12.5	13.0	12.0	11.5
12	11.5	10.5	9.0	8.5	8.5	8.5	8.5	9.5	10.0	10.0	10.0	9.5	11.5	11.0	11.5
13	9.0	8.5	8.5	7.8	7.8	7.6	8.5	8.8	8.5	9.5	9.5	9.0	8.5	9.5	10.0
14	12.0	12.0	11.0	11.0	11.0	10.5	11.0	10.8	11.5	11.5	12.5	11.5	12.0	12.0	11.0
15	15.5	15.0	12.5	12.0	11.0	12.5	13.0	12.5	13.5	13.5	14.5	13.0	13.0	12.1	12.0
16	15.0	14.5	14.0	14.5	14.5	15.5	14.5	13.5	14.0	14.5	14.0	13.0	12.5	12.1	11.0
17	12.0	12.0	11.5	11.0	11.0	11.0	11.5	12.0	10.5	12.0	11.5	11.0	11.5	11.5	12.5
18	10.0	9.5	9.0	9.5	10.0	9.5	10.5	10.7	9.5	9.5	9.0	8.0	8.0	7.7	6.6
19	8.0	7.8	7.6	7.4	7.4	7.6	7.8	9.6	10.5	10.5	10.5	10.5	10.5	11.4	11.0
20	13.0	13.0	12.5	12.5	11.5	11.0	11.5	11.4	11.5	12.0	11.5	11.5	11.0	11.0	10.5
21	11.0	10.0	10.0	9.5	9.5	10.5	12.0	12.4	12.0	12.5	12.5	11.5	10.5	9.8	9.5
22	12.0	11.0	11.5	11.0	10.5	11.0	11.5	11.8	11.0	10.5	11.0	10.5	10.5	10.0	10.0
23	8.0	8.0	8.0	7.4	6.8	7.6	9.5	7.9	7.8	7.4	7.4	6.2	6.8	7.7	8.0
24	8.5	9.0	8.5	8.5	8.5	8.5	9.0	9.2	9.0	9.5	9.5	9.0	9.5	8.7	9.5
25	12.0	11.5	11.0	11.5	11.5	13.0	14.0	14.0	12.5	12.0	11.5	11.5	12.0	11.3	11.0
26	11.0	11.0	11.0	10.5	14.0	11.0	13.0	12.4	12.5	12.5	13.5	12.5	13.0	11.7	11.5
27	12.5	15.5	15.5	15.5	15.5	16.5	15.5	14.0	12.5	16.5	15.0	14.5	14.0	15.6	15.5
28	10.0	10.5	11.0	11.0	11.5	11.5	13.0	11.4	12.0	11.0	11.0	13.5	15.0	15.2	13.0
29	16.0	15.5	15.0	15.5	15.5	16.5	18.0	18.7	18.5	18.5	19.5	18.5	16.5	13.1	11.5
30	12.5	12.0	10.5	11.0	11.0	12.0	13.0	14.5	15.0	16.5	16.5	15.0	10.5	8.4	10.0
31	11.0	10.0	10.0	10.0	12.5	12.5	13.5	13.0	12.5	13.0	12.5	13.0	12.5	14.2	13.0
Prom.	11.9	11.6	11.2	11.1	11.1	11.4	12.2	12.4	12.2	12.4	12.5	12.1	11.8	11.7	11.7

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.0	11.0	12.0	13.0	13.4	12.5	12.5	12.0	12.0	13.4	20	10.0	15,16	3.4	11.6
11.5	13.5	15.5	15.5	16.9	15.5	16.0	16.5	16.0	16.9	20	7.8	10	9.1	12.6
15.5	15.5	14.5	15.0	15.8	15.5	16.0	14.5	12.5	19.0	13	12.5	24	6.5	15.4
10.5	10.0	10.0	9.5	9.4	10.0	9.5	9.5	9.5	12.0	1	9.4	20	2.6	10.2
11.0	11.5	11.5	13.0	13.1	13.0	14.0	14.0	12.0	14.0	22,23	8.5	4,5	5.5	10.9
12.5	11.5	11.5	12.0	14.5	15.0	15.5	15.5	15.5	15.5	varios	10.5	12	5.0	12.8
15.0	17.0	15.5	15.0	14.7	14.0	14.0	14.0	13.5	17.0	17	12.0	5	5.0	14.0
13.5	13.0	13.0	12.5	13.0	14.0	13.5	13.5	13.0	14.0	varios	11.5	6,7	2.5	13.0
14.5	14.0	13.5	14.0	12.8	13.5	14.5	14.5	13.5	16.0	8	12.8	20	3.2	14.2
14.0	14.0	14.5	14.5	14.3	13.5	13.5	12.0	12.0	18.5	15	11.0	4,5	7.5	14.3
12.5	12.5	12.5	12.0	14.3	13.5	11.5	10.0	10.5	14.3	20	10.0	5,23	4.3	12.0
11.0	10.5	11.0	10.0	10.1	9.0	9.5	8.5	9.0	11.5	varios	8.5	varios	3.0	9.8
10.0	10.0	10.0	11.0	11.3	11.0	11.5	12.0	13.0	13.0	24	7.6	6	5.4	9.6
12.0	11.5	12.0	12.0	13.1	13.5	14.0	15.0	15.0	15.0	23,24	10.5	6	4.5	12.0
12.5	13.0	12.0	12.5	15.4	15.5	16.0	16.5	14.5	16.5	23	11.0	5	5.5	13.5
10.5	10.0	10.5	12.0	12.3	13.5	11.5	12.5	12.0	15.5	6	10.0	17	5.5	13.0
12.0	11.5	11.5	11.5	11.1	11.0	11.0	11.0	10.0	12.5	15	10.0	24	2.5	11.4
7.2	7.2	8.0	9.5	9.4	9.5	8.5	9.0	8.5	10.7	8	6.6	15	4.1	8.9
11.0	10.5	11.0	11.0	11.2	11.0	11.5	12.0	12.5	12.5	24	7.4	4,5	5.1	10.0
10.5	10.0	9.5	9.5	10.6	12.5	12.0	12.5	12.0	13.0	1,2	9.5	18,19	3.5	11.4
10.0	8.5	9.5	10.0	11.3	11.5	12.5	13.0	12.0	13.0	23	8.5	17	4.5	10.9
9.5	9.0	8.5	9.5	9.0	8.5	8.5	8.5	8.5	12.0	1	8.5	varios	3.5	10.1
9.5	9.5	10.0	10.5	10.6	10.5	10.5	10.0	9.5	10.6	20	6.2	12	4.4	8.5
9.5	8.0	12.5	13.5	13.4	13.0	12.5	12.0	11.0	13.5	19	8.0	17	5.5	10.0
10.0	11.0	12.5	13.0	12.6	12.5	11.5	11.0	10.5	14.0	7,8	10.0	16	4.0	11.9
11.0	11.0	11.5	12.0	12.6	12.0	12.0	12.0	12.0	14.0	5	10.5	4	3.5	12.0
16.0	16.0	17.5	18.0	17.6	17.5	9.5	10.0	10.0	18.0	19	9.5	22	8.5	14.8
14.5	14.0	16.0	17.0	18.6	18.5	18.0	17.5	16.5	18.6	20	10.0	1	8.6	13.8
9.5	9.5	10.0	8.0	11.0	12.0	12.0	12.5	12.5	19.5	11	8.0	19	11.5	14.3
13.0	12.5	12.0	11.0	11.1	11.5	11.0	11.5	12.5	16.5	10,11	8.4	14	8.1	12.3
13.0	12.5	12.5	11.5	13.2	15.0	15.0	14.0	14.5	15.0	21,22	10.0	varios	5.0	12.7
11.6	12.0	12.2	12.8	12.8	12.9	12.5	12.5	12.1	14.7		9.5		5.2	12.0

VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0-1		1-2		2-3		3-4		4-5		5-6		6-7		7-8		8-9		9-10		10-11		11-12		12-13		13-14		14-15	
DÍAS	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	NW	6	NW	8	NW	8	W	9	NW	6	NW	11	NW	14	NW	12	NW	17	NW	16	NW	16	W	18	W	16	W	17	W	15
2	NW	5	NW	7	NW	5	NW	5	NW	7	NW	5	NW	8	NW	8	N	8	N	16	N	16	N	12	N	12	N	12	N	16
3	NE	5	NW	7	N	15	SW	9	C	1	E	4	E	9	E	7	E	4	E	8	N	10	N	7	SW	2	SE	5	SE	3
4	SE	11	SE	11	SE	9	SE	9	SE	11	SE	11	SE	10	SE	14	SE	13	SE	11	SE	12	SE	10	SE	11	SE	11	SE	12
5	SE	4	SE	3	SE	2	SE	2	SE	4	SE	4	SE	5	SE	5	E	11	E	10	E	12	E	11	E	9	E	12	E	9
6	E	7	E	7	NE	9	NE	8	NE	8	NE	8	NE	14	NE	14	NE	13	NE	15	NE	15	NE	14	NE	14	NE	14	NE	10
7	E	3	E	2	E	4	E	4	NE	4	NE	3	NE	5	N	8	NW	17	NW	12	NW	12	NW	10	W	8	W	8	W	9
8	SE	14	SE	9	SE	11	SE	10	SE	10	SE	10	SE	9	SE	14	SE	14	SE	14	SE	16	SE	13	E	10	E	14	E	13
9	SE	3	SE	3	SE	4	SE	2	SE	4	E	6	E	5	E	5	NW	14	NW	11	NW	8	W	9	W	7	SW	3	NE	4
10	S	2	C	1	C	0	C	0	C	0	C	1	E	4	N	13	NW	13	NW	12	W	12	W	9	W	9	W	10	W	9
11	SW	7	SW	5	SW	7	SW	4	SW	5	W	8	SW	4	SW	8	SW	12	SW	13	SW	11	SW	12	SW	9	SW	8	SW	7
12	SE	8	SE	6	SE	6	SE	6	SE	3	SE	5	SE	7	SE	10	SE	9	SE	9	SE	7	SE	8	SE	9	E	8	E	10
13	SE	2	SE	4	SE	2	C	1	SE	3	SE	2	SE	3	SE	6	SE	7	E	7	E	13	E	11	E	9	E	10	E	9
14	E	9	E	8	NE	9	NE	9	NE	11	NE	12	N	18	N	20	N	19	N	18	N	15	N	13	NE	15	NE	11	NE	11
15	E	8	E	4	NE	6	NE	11	NE	11	NE	10	NE	16	NE	16	N	23	N	18	N	17	N	17	N	14	N	12	N	15
16	E	4	E	3	E	5	E	7	E	5	C	1	N	7	N	15	NW	11	W	11	W	11	W	11	W	12	W	12	W	13
17	S	5	S	5	S	6	S	7	SW	9	SW	7	S	7	S	9	S	12	S	15	S	17	S	15	S	13	S	13	S	15
18	S	5	S	2	SW	6	SW	4	SW	9	SW	3	SW	4	SW	11	S	9	S	9	S	7	S	7	S	12	S	12	S	13
19	SW	2	SW	6	SW	2	SW	6	SW	5	SW	8	SW	12	SW	14	SW	13	SW	13	SW	13	SW	14	SW	13	SW	15	SW	16
20	SW	6	SW	6	SW	6	SW	6	S	4	SW	8	SW	10	SW	14	SW	10	SW	8	SW	8	SW	12	SW	12	SW	14	SW	13
21	C	0	C	0	C	0	C	0	C	0	C	0	S	4	S	3	SW	4	SW	9	SW	7	SW	15	SW	11	SW	14	SW	10
22	C	0	S	2	S	2	S	2	C	1	S	5	S	6	S	9	SW	15	SW	13	SW	16	SW	15	SW	14	SW	16	S	15
23	SE	6	SE	4	SE	4	C	1	SW	3	C	1	SE	8	SE	8	SE	10	SE	9	SE	11	SE	6	SE	7	SE	8	NE	7
24	C	1	NE	4	NE	4	NE	7	NE	5	N	11	N	17	N	21	N	21	N	20	N	20	N	24	N	25	N	26	N	28
25	N	12	NW	13	NW	14	NW	16	NW	11	NW	9	NW	11	NW	12	W	11	W	5	NW	15	W	12	W	8	W	13	W	13
26	W	8	W	3	W	8	W	6	W	5	W	9	W	13	W	15	W	21	W	22	W	23	W	25	W	34	W	26	W	25
27	E	3	E	3	NE	3	NE	2	E	3	NE	2	N	10	N	9	N	21	N	25	SW	10	S	6	SW	9	S	3	SW	4
28	E	12	E	8	SE	4	SE	5	E	11	E	13	E	14	E	18	E	15	E	13	NE	13	NE	9	N	10	N	12	N	11
29	NW	3	NW	5	NW	4	NW	9	NW	9	NW	10	W	11	W	9	W	13	W	13	SW	10	S	8	SE	7	E	18	E	18
30	E	9	E	9	E	7	NE	6	NE	7	NE	8	N	13	N	15	N	14	N	16	NW	10	NW	10	W	16	W	12	W	12
31	SE	8	SE	5	SE	5	SE	6	SE	6	SE	5	SE	10	SE	10	E	11	E	13	E	16	E	17	E	17	E	17	E	18
DIR. PREV.	SE		E-SE		SE		SE		SE		NE-SE		SE		N-SE		N		N		SW		W		W		W		W	
Nº de HORAS	8		8		9		7		7		6		7		7		6		6		7		6		8		7		7	
PROM. HOR. DE LA VELOC.		6		5		6		6		6		6		9		11		13		13		13		12		12		12		12

15-16		16-17		17-18		18-19		19-20		20-21		21-22		22-23		23-24		PREVAL. DIARIA		PROM. DIARIO DE VELOC.	VELOCIDAD INSTANTÁNEA		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	DIR.	Nº de HORAS		VELOC.	DIREC.	HORA
W	13	W	11	W	9	NW	7	NW	7	NW	5	NW	5	NW	6	NW	6	NW	16	11	26	W	12.52
N	10	N	6	NE	4	NE	6	NE	5	NE	5	E	7	NE	3	NE	8	N	9	8	26	NW	10.14
SE	3	S	2	C	1	S	6	E	7	SE	5	SE	11	SE	11	SE	10	SE	7	6	30	SW	3.30
SE	7	SE	10	SE	10	SE	8	SE	4	E	7	E	4	SE	5	SE	3	SE	22	9	22	S	6.50
E	11	E	11	E	10	E	7	E	7	E	6	E	7	E	6	E	4	E	16	7	19	NE	9.32
NE	10	E	9	E	11	E	9	E	7	E	11	E	9	E	7	E	5	NE	14	10	24	NE	13.39
W	4	NE	4	E	11	NW	5	NW	3	S	8	SE	13	SE	7	SE	11	NW	6	7	26	SW	17.40
E	13	E	15	E	17	E	11	E	5	E	4	SE	3	SE	4	SE	5	SE	15	11	22	E	13.32
E	3	NW	12	N	11	N	24	NE	26	SE	5	E	5	E	6	C	1	E-SE	6	8	40	N	18.56
W	5	W	8	E	4	C	1	W	5	W	7	W	7	SW	7	SW	7	W	10	6	25	SW	15.11
SW	4	S	2	SE	3	E	10	E	15	E	15	E	12	E	10	E	3	SW	16	8	22	SW	11.20
E	13	E	11	E	13	E	11	E	6	SE	5	SE	5	SE	5	SE	4	SE	17	8	16	E	15.28
E	6	E	9	E	7	E	7	E	5	E	7	E	7	E	9	E	9	E	15	6	13	E	11.40
NE	13	E	8	E	7	E	6	E	4	E	5	E	7	E	10	E	5	E	10	11	23	N	7.36
N	13	N	14	N	12	NE	4	E	8	E	3	E	4	NE	5	N	14	N	11	11	23	NE	7.52
W	13	W	12	W	12	W	8	SW	4	C	1	S	7	S	7	S	6	W	10	8	22	W	13.56
S	11	S	13	S	14	S	8	S	7	S	4	S	5	S	3	S	5	S	22	9	20	S	6.24
S	12	SW	11	S	7	S	6	S	3	C	1	C	1	S	3	S	3	S	15	7	29	SW	15.08
SW	17	SW	14	SW	16	SW	16	SW	12	SW	8	SW	4	SW	6	SW	10	SW	24	11	26	SW	18.34
SW	16	SW	13	SW	10	S	7	S	2	SE	3	SE	2	SE	2	C	1	SW	17	8	24	SW	13.12 15.16
SW	12	S	10	S	7	SE	4	C	0	E	2	E	5	SE	4	C	0	C-SW	8	5	20	SW	12.48
S	13	S	14	S	9	S	6	SE	6	SE	8	SE	4	SE	7	SE	6	S	11	8	26	SW	13.12
NE	13	NE	17	E	14	E	11	E	9	E	7	E	8	NE	4	NE	4	SE	11	8	18	NE	15.58
N	28	N	24	N	17	N	13	NE	9	NE	11	NE	12	N	8	N	13	N	16	15	32	N	14.26
W	19	W	25	W	9	W	7	W	7	W	8	W	7	W	11	W	8	W	13	12	24	W	16.17
W	18	W	15	W	13	W	9	W	7	W	6	W	5	W	5	W	3	W	24	14	45	W	12.54
NW	6	NW	15	NW	7	C	1	C	1	E	3	E	20	E	14	E	13	E	7	8	57	NW	9.38
N	7	N	9	N	9	N	7	NE	6	NE	4	NE	5	NE	3	NE	2	E	8	9	24	E	7.25
E	21	E	21	E	19	E	17	E	13	E	13	E	12	E	15	E	11	E	11	12	32	E	13.20
W	13	W	13	W	9	W	4	S	7	C	1	E	3	NE	5	NE	6	W	7	9	19	W	15.32
E	16	E	17	E	14	E	12	E	11	E	12	E	13	E	13	E	9	E	16	12	24	E	15.33
E-W		E		E		E		E		E		E		E		E		PREVAL. MENSUAL		VELOC. MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																					84 Km.		
7		8		11		10		12		13		15		9		8		DIR.	HORAS		DIREC.	DÍA	HORA
	12		12		10		8		7		6		7		7		6	E	157	9	N	24	de 12.40 a 12.45

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													8	108	16	150		258
2	9	108	6	31	1	7									8	50		196
3	3	32	1	5	6	39	7	48	2	8	2	11			1	7	2	152
4					2	11	22	213										224
5					16	143	8	29										172
6			14	166	10	82												248
7	1	8	4	16	5	24	3	31	1	8			4	29	6	59		175
8					9	102	15	156										258
9	2	35	2	30	6	30	6	21			1	3	2	16	4	45	1	181
10	1	13			2	8			1	2	2	14	10	81	2	25	6	146
11					6	65	1	3	1	2	15	116	1	8				194
12					7	72	17	112										184
13					15	125	8	29									1	155
14	6	103	8	91	10	69												263
15	11	169	8	79	5	27												275
16	2	22			4	20			4	24	1	4	10	115	1	11	2	198
17									22	209	2	16						225
18									15	110	7	48					2	160
19											24	255						255
20							3	7	3	13	17	172					1	193
21					2	7	2	8	4	24	8	82					8	121
22							5	31	11	83	6	89					2	204
23			5	45	5	49	11	81			1	3					2	180
24	16	316	7	52													1	369
25	1	12											15	163	8	101		276
26													24	324				324
27	4	65	3	7	7	59			2	9	3	23			3	28	2	193
28	7	65	7	42	8	104	2	9										220
29					11	178	1	7	1	8	1	10	4	46	6	40		289
30	4	58	5	32	4	28			1	7			7	79	2	20	1	225
31					16	226	8	55										281
SUMAS	67	1006	70	596	157	1475	119	840	68	507	90	854	85	961	57	536	31	6794
% PREVAL POR VELOCIDAD	14.8		8.8		21.7		12.3		7.5		12.6		14.1		7.9		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		8		9		7		7		9		11		9		0.6	219

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	1	7	8	4	3	1	3	3
1 - 2		1	8	8	3	3	1	5	2
2 - 3	1	5	3	9	2	4	1	4	2
3 - 4		6	2	7	2	5	2	3	4
4 - 5		6	3	7	1	5	1	4	4
5 - 6	1	6	3	6	1	4	2	4	4
6 - 7	5	3	4	7	3	4	2	3	
7 - 8	7	2	3	7	3	4	2	3	
8 - 9	6	1	4	5	2	5	3	5	
9 - 10	6	1	5	4	2	5	4	4	
10 - 11	5	2	3	4	2	7	3	5	
11 - 12	5	2	3	4	4	5	6	2	
12 - 13	4	2	4	4	2	7	8		
13 - 14	4	2	6	3	3	6	7		
14 - 15	4	4	6	2	3	5	7		
15 - 16	4	3	7	2	3	4	7	1	
16 - 17	4	2	8	1	5	3	6	2	
17 - 18	4	1	11	2	4	2	5	1	1
18 - 19	3	2	10	2	5	1	4	2	2
19 - 20		4	12	2	4	2	3	2	2
20 - 21		3	13	5	2	1	3	1	3
21 - 22		2	15	6	2	1	3	1	1
22 - 23	1	5	9	8	3	2	2	1	
23 - 24	2	4	8	6	3	2	2	1	3
SUMAS	67	70	157	119	68	90	85	57	31
% de frec. por dirección	9.0	9.4	21.1	16.1	9.1	12.0	11.4	7.7	4.1

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	Ci	6	Ci	1	Cc	3	Claro	0	Claro	0	98	99	99
2	Ci	6	Ci	7	Ci	7	Sc 1 Ci 6	7	Sc 2 Ac 4	6	8	8	8
3	Ac As	8	St Fs	8	Sc 2 Ac 2 Ci 2	6	Sc	8	Sc	7	4	8	6
4	Sc	3	Cu	4	Cu	3	Sc	1	Claro	0	9	9	9
5	Sc	3	Cu	1	Claro	0	Claro	0	Claro	0	7	9	8
6	Ci	4	Cu	1	Ci	5	Ci	7	Ci	6	9	9	8
7	Sc	7	Sc	7	Sc 3 Cs 5	8	Fs	8	Cb 4 Ci 4	8	8	8	9
8	Sc	8	Sc	8	Sc	7	Claro	0	Ac	4	8	7	8
9	Ns	8	Ns	8	Ns	8	Ns	8	Sc	7	7	7	9
10	Ac 4 Ci 4	8	Cu 1 Ac 1 Ci 4	6	Sc 6 Ac 2	8	Sc 2 Ac 2 Ci 1	5	Ac	3	8	8	8
11	Claro	0	Cu	2	Cu	4	Sc	7	Sc	7	9	9	8
12	Claro	0	Ci Cu	8	Sc 6 Ci 2	8	Ci	6	Claro	0	9	8	9
13	Claro	0	Cu	1	Claro	0	Claro	0	Claro	0	9	8	9
14	Ci	1	Cu 5 Ci 2	7	Cu 1 Ci 6	7	Ac As 5 Ci 2	7	Ci	7	8	8	8
15	Ac	2	Ac	1	Cu 1 Ci 1	2	Sc 1 Ci 3	4	Ci	2	9	9	9
16	Ac 5 Ci 1	6	Cu 1 Cs 7	8	Cu 1 Ac 3 Cc 2	6	Sc 3 Ci 3	6	Sc 2 Ci 2	4	8	8	8
17	Cu 3 Ci 2	5	Sc	7	Cu Sc	8	Cu	1	Claro	0	8	8	9
18	Sc	7	Sc	7	Sc	7	Sc	5	Sc	5	7	8	8
19	Cu 1 Ci 3	4	Cu	6	Sc	7	Sc 6 Ci 1	7	Sc 3 Ci 2	5	8	8	8
20	Sc 4 Ci 2	6	Cu 4 Ci 2	6	Cu	6	Sc	2	Sc	1	9	8	8
21	Sc	2	Sc	5	Cu	2	Claro	0	Ci	1	9	9	8
22	Sc	7	Cu	1	Cu	2	Sc 1 Cs 7	8	Ci	1	8	8	8
23	Ci	1	Ci	1	Ci	2	Sc	3	Claro	0	9	7	9
24	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	8	8
25	Ac 1 Cs 6	7	Ac As	8	Ac	6	Ci	6	Cs	8	8	7	8
26	Clar	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	9
27	Ci	7	Ac	8	Ac	8	Sc 7 As 1	8	Sc	7	9	9	7
28	Cs	8	Ci	5	Cu 2 Cs 5	7	Ci	3	Ci	2	9	8	8
29	Cc	4	Ci 6 Cu 1	7	Cs	7	Claro	0	Claro	0	9	8	9
30	Ci	1	Cs	7	Cu 1 Cs 7	8	Ac	3	Ac	3	9	9	8
31	Cu	2	Ci	1	Ci	1	Ci	2	Ac 2 Ci 1	3	7	7	8
Prom.		4		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	41.2	27.0	1.15	5	4	5	
	10	49.0	30.7	1.49	1	5	5	
	12	51.5	33.7	1.53	1	5	5	
	14	50.3	34.9	1.25	3	5	5	
	15	50.4	34.3	1.31	4	5	5	
2	9	51.0	33.4	1.43	7	5	5	
	10	53.3	35.0	1.49	7	5	5	
	12	53.7	35.8	1.46	7	5	5	
	14	49.5	34.4	1.23	7	4	5	
	15	50.0	34.5	1.26	7	4	5	
3	9	32.4	25.4	0.57	8	1	3	Ne.
	10				8	0	3	Ne., LL.
	12				8	0	3	Ne., Am.
	14	50.4	33.2	1.40	6	3	5	
	15	51.1	34.4	1.36	6	5	4	
4	9	42.3	23.2	1.55	1	5	5	
	10	42.2	26.0	1.32	4	5	5	
	12	40.4	25.3	1.24	4	4	5	
	14	46.9	27.8	1.55	1	5	5	
	15	45.6	27.8	1.45	1	5	5	
5	9	42.4	25.0	1.41	4	4	4	
	10	43.3	26.0	1.41	4	4	5	
	12	47.6	28.0	1.51	1	5	5	
	14	46.7	28.0	1.52	0	5	5	
	15	46.5	28.2	1.49	0	5	5	
6	9	47.4	28.5	1.54	5	5	5	
	10	48.0	30.0	1.46	2	5	5	
	12	50.0	31.4	1.51	1	5	5	
	14	50.0	32.2	1.45	5	5	5	
	15	48.0	31.5	1.34	4	5	5	
7	9	46.2	29.8	1.33	8	4	5	
	10	35.2	26.4	0.72	7	0	5	
	12	49.0	33.2	1.28	7	3	5	
	14	49.3	33.2	1.31	8	4	5	
	15	40.4	30.9	0.77	8	3	5	
8	9	36.9	23.7	1.07	8	0	4	Ne.
	10	43.9	26.4	1.42	7	2	4	Ne.
	12	34.0	24.6	0.76	8	0	4	Ne.
	14	34.0	25.6	0.68	7	3	4	B.
	15	45.8	28.6	1.40	6	3	4	
9	9				8	0	3	LL.
	10				8	0	3	LL.
	12				8	0	3	LL.
	14				8	0	4	LL.
	15				8	0	4	LL.
10	9	41.2	27.1	1.15	8	1	5	
	10	40.0	27.2	1.04	8	1	5	
	12	49.2	31.1	1.47	6	5	5	
	14	37.5	28.2	0.73	8	0	5	
	15				8	0	4	LL.
11	9	46.3	28.3	1.46	0	5	5	
	10	49.5	30.5	1.54	0	5	5	
	12	50.2	32.3	1.46	2	5	5	
	14	48.0	32.3	1.28	4	3	5	
	15	48.3	32.0	1.33	6	3	5	
12	9	42.0	23.5	1.50	2	5	5	
	10	43.9	29.6	1.16	2	5	5	
	12	46.6	27.0	1.59	8	1	5	
	14	38.4	24.2	1.15	1	8	4	
	15	38.3	23.6	1.20	8	1	4	
13	9	42.2	23.3	1.54	0	5	5	
	10	44.5	25.0	1.58	2	5	4	B.
	12	45.8	36.5	0.76	1	5	5	
	14	46.3	28.0	1.49	0	5	5	
	15	35.5	21.1	1.17	0	5	5	
14	9	45.2	26.7	1.50	0	5	5	
	10	47.0	28.3	1.52	1	5	5	
	12	45.7	29.5	1.32	7	3	5	
	14	47.3	30.0	1.41	7	2	5	
	15	49.8	31.0	1.53	6	2	5	
15	9	47.2	29.0	1.48	2	5	5	
	10	48.2	30.5	1.54	1	5	5	
	12	51.3	33.2	1.47	1	5	5	
	14	51.8	33.2	1.51	2	5	5	
	15	51.5	33.3	1.48	2	5	5	
16	9	34.6	26.6	0.65	7	1	5	
	10	49.3	31.6	1.44	7	1	5	
	12	41.0	31.5	0.77	8	3	5	
	14	54.0	34.7	1.57	6	3	5	
	15	47.0	32.2	1.20	6	3	5	
17	9	38.6	24.7	1.13	7	2	5	
	10	37.4	24.4	1.06	7	1	5	
	12	44.0	27.5	1.34	7	1	5	
	14	32.0	23.7	0.67	8	1	5	
	15	39.0	26.3	1.03	7	1	5	
18	9	36.0	22.4	1.10	7	2	5	
	10	28.2	19.2	0.73	8	0	4	
	12	35.7	22.3	1.09	7	0	5	
	14	34.5	22.7	0.96	7	0	5	
	15	47.8	27.0	1.69	7	5	5	
19	9	40.0	22.2	1.45	6	4	5	
	10	44.0	25.0	1.54	4	3	5	
	12	47.8	27.0	1.69	6	3	5	
	14	39.0	25.2	1.12	7	0	5	
	15	37.6	25.2	1.01	7	0	5	
20	9	35.0	21.7	1.08	5	3	5	
	10	47.4	27.8	1.59	6	3	5	
	12	53.4	31.7	1.76	6	3	5	
	14	50.4	33.4	1.38	6	3	5	
	15	52.0	32.4	1.59	6	3	5	
21	9	48.7	28.5	1.64	2	5	5	
	10	46.5	28.4	1.47	3	3	5	
	12	53.9	33.0	1.70	5	3	5	
	14	50.8	32.3	1.50	2	5	5	
	15	49.7	32.2	1.42	1	5	5	
22	9	38.3	23.2	1.23	6	2	5	
	10	43.3	25.2	1.47	3	3	5	
	12	46.5	28.5	1.46	1	3	5	
	14	49.5	31.0	1.50	2	5	5	
	15	46.2	30.0	1.32	1	5	5	
23	9	41.4	21.9	1.58	0	5	5	
	10	44.0	24.0	1.63	1	5	5	
	12	47.7	28.2	1.58	1	5	5	
	14	47.8	28.8	1.54	2	5	4	B.
	15	44.8	27.5	1.41	1	5	5	
24	9	44.0	25.8	1.48	0	5	5	
	10	47.2	28.3	1.54	0	5	5	
	12	49.8	31.5	1.49	0	5	5	
	14	50.3	32.8	1.42	0	5	5	
	15	49.7	33.6	1.31	0	5	5	
25	9	40.4	29.6	0.88	8	2	4	B.
	10	30.0	25.5	0.36	8	1	4	B.
	12	27.5	24.5	0.24	8	0	4	B.
	14	49.6	33.4	1.32	6	0	4	B.
	15	44.5	32.3	0.99	5	3	4	B.
26	9	51.8	34.3	1.42	0	5	5	
	10	54.5	36.5	1.46	0	5	5	
	12	56.5	39.2	1.41	0	5	5	
	14	56.7	39.8	1.37	0	5	5	
	15	55.2	39.2	1.30	0	5	5	
27	9	50.5	36.0	1.18	7	2	4	B.
	10				8	0	4	LL.
	12	29.8	23.0	0.55	8	0	5	
	14	26.0	22.8	0.26	8	0	5	
	15	26.3	23.3	0.24	8	0	5	
28	9	43.8	27.0	1.36	8	5	5	
	10	48.5	29.5	1.54	6	5	5	
	12	51.8	32.9	1.54	5	5	5	
	14	52.5	35.0	1.42	8	5	5	
	15	52.0	35.0	1.38	8	5	5	
29	9	46.3	32.0	1.16	5	4	5	
	10	50.6	33.5	1.39	7	5	4	B.
	12	52.6	35.6	1.38	7	5	4	B.
	14	48.8	32.8	1.30	7	4	5	
	15	48.8	31.8	1.38	5	5	5	
30	9	48.3	31.7	1.35	6	5	5	
	10	52.7	34.2	1.50	6	5	4	B.
	12	53.2	37.0	1.32	7	5	4	B.
	14	48.3	33.0	1.24	8	4	5	
	15	44.5	34.5	0.81	8	1	5	
31	9	45.7	29.8	1.29	3	5	4	B.
	10	48.8	31.3	1.42	2	5	4	B.
	12	50.9	33.2	1.44	1	5	4	B.
	14	49.0	31.7	1.41	2	5	4	B.
	15	47.6	31.2	1.33	0	5	4	B.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	13.2	14.2	93
2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8			11.1	14.2	78
3								0.1	0.9	0.8	0.9	0.9	0.4		4.0	14.2	28
4				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	10.5	14.2	74
5	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.8	14.2	90
6	0.3	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		12.1	14.2	85
7			0.5	0.1	0.5	0.4	0.3	0.1	0.7	0.5	0.4				3.5	14.2	25
8						1.0	0.8	0.6	0.7	0.8	1.0	1.0	0.9		6.8	14.3	48
9															0.0	14.3	00
10		0.4	0.9	0.9	0.8	0.2	0.6	1.0	0.8						5.6	14.3	39
11	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	0.4	12.7	14.3	89
12	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.3	0.1	0.1		9.2	14.3	64
13	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.2	14.3	92
14	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.2		11.5	14.3	80
15	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4	12.3	14.3	86
16	0.3	0.6	1.0	0.7	0.6	1.0	0.7	0.8	1.0	1.0	0.7	0.7	1.0	0.1	10.2	14.3	71
17	0.5	1.0	1.0	1.0	0.6	0.6	0.6	0.5	0.1	0.6	1.0	1.0	1.0	0.4	9.9	14.3	69
18			0.3	0.2	0.3		0.3	0.6	0.3	0.6	0.4	0.3			3.3	14.3	23
19	0.4	1.0	0.8	1.0	1.0	1.0			0.3	0.6	0.4	0.1	0.5		7.1	14.3	50
20			0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.6	14.3	74
21	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.5	14.3	87
22	0.2	1.0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.6	14.3	81
23	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.1	14.3	92
24	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.9	14.3	90
25			0.5	0.8	0.2				0.4	0.6	1.0	0.5	0.9	0.1	4.5	14.3	32
26	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	13.1	14.3	92
27		0.5	1.0	1.0	0.3										2.8	14.3	20
28		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.6	11.9	14.3	83
29	0.4	1.0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	14.3	87
30	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			0.3	1.0	0.3	10.1	14.3	71
31	0.4	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	12.6	14.3	88
Medias	0.3	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.3	9.6	14.3	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	21.7	25.6	24.0	21.7	24.5	24.0	21.0	21.4	22.0	21.7	21.4	21.8	24.8	24.4	24.5
2	21.9	25.9	24.6	21.8	24.5	24.1	20.8	21.4	22.2	21.6	21.6	22.0	24.7	24.5	24.5
3	22.8	25.0	24.0	22.7	23.8	23.9	21.2	21.8	21.8	21.8	21.8	22.0	24.7	24.9	24.0
4	21.1	24.2	22.6	21.7	23.6	22.8	20.7	21.0	21.4	21.2	21.1	21.4	24.6	24.5	24.5
5	20.4	23.4	22.4	20.6	22.7	22.3	20.0	20.1	21.8	21.1	20.8	22.1	24.4	24.3	24.2
6	21.2	25.0	21.3	21.0	23.5	23.0	20.0	20.8	21.3	21.0	20.8	21.3	24.4	24.4	24.3
7	22.0	24.3	23.3	21.8	23.2	23.0	20.8	21.0	21.4	21.4	21.4	21.4	24.5	24.5	24.5
8	21.6	21.8	22.8	21.6	22.9	22.6	20.6	20.8	21.2	21.4	21.2	21.4	24.6	24.6	24.4
9	21.6	21.3	21.0	21.5	21.3	21.0	20.3	20.0	19.8	21.0	20.7	20.6	24.4	24.4	24.3
10	19.8	23.5	21.8	19.9	22.3	21.5	18.8	19.4	20.2	20.0	19.7	20.4	23.6	23.4	23.2
11	20.6	24.5	23.0	20.2	23.2	22.9	19.4	19.8	20.6	20.2	19.9	20.4	23.6	23.3	23.4
12	21.3	23.7	22.0	20.7	22.9	20.6	19.7	20.0	21.0	21.8	20.4	23.9	23.9	23.7	24.3
13	19.2	22.9	20.2	19.3	22.0	23.3	19.0	19.4	19.8	20.2	20.2	20.2	23.9	23.1	23.5
14	20.0	21.6	22.0	20.1	22.4	22.1	19.2	19.6	20.2	20.0	20.0	20.3	23.7	23.6	23.5
15	21.6	24.8	23.6	21.2	23.5	23.1	20.2	20.4	21.2	20.7	20.6	21.2	24.0	23.8	24.0
16	22.2	24.8	23.6	22.0	23.6	23.5	20.8	21.0	21.6	21.2	21.0	21.6	24.4	24.3	24.4
17	21.4	22.8	22.0	21.6	22.5	22.3	20.5	20.6	20.8	21.2	21.0	20.6	24.6	24.4	24.4
18	20.2	21.2	21.0	20.4	21.1	21.0	19.8	19.5	19.8	20.8	20.2	20.6	24.2	24.1	24.0
19	18.5	20.8	20.9	19.0	20.4	20.6	18.5	19.1	19.2	20.0	19.5	20.0	23.8	23.5	23.8
20	20.2	23.6	20.2	20.0	20.1	22.0	19.0	19.8	22.3	20.0	20.0	20.4	23.6	23.6	23.7
21	20.4	24.1	22.8	20.2	22.6	22.6	19.4	19.0	20.8	20.4	20.0	20.8	23.8	23.7	23.8
22	20.7	24.3	22.6	20.6	22.7	22.4	19.3	22.3	20.8	20.7	20.7	20.8	24.0	24.0	24.0
23	19.5	23.6	21.7	18.8	22.3	21.8	19.6	20.2	20.6	20.6	20.3	20.8	24.0	24.0	24.0
24	19.0	23.4	22.4	19.5	22.2	22.1	19.0	19.4	20.1	20.2	20.0	20.3	23.9	23.8	23.7
25	21.8	23.0	23.0	21.2	22.1	22.4	20.2	20.1	20.4	20.8	20.7	20.6	24.1	24.1	24.0
26	21.3	25.9	24.2	20.8	23.9	23.8	19.0	20.5	19.4	20.4	20.5	21.2	24.0	24.1	24.1
27	22.6	23.4	23.2	22.2	22.8	22.8	20.8	21.0	21.0	21.4	21.0	21.4	24.5	24.4	24.4
28	21.6	25.4	24.3	21.4	23.7	23.6	20.6	21.0	21.6	21.2	21.3	21.6	24.5	24.5	24.5
29	22.8	26.7	21.5	22.4	25.0	23.8	20.9	21.7	22.0	21.3	21.5	22.0	24.7	24.8	24.8
30	21.6	25.8	24.4	21.8	24.3	24.2	20.8	21.4	22.0	21.5	21.5	21.8	23.8	25.0	24.9
31	22.1	26.4	24.4	22.2	24.5	24.1	21.1	21.7	22.4	21.8	21.9	22.4	25.2	25.1	25.2
Prom.	21.1	24.0	22.6	21.0	22.9	22.7	20.0	20.5	21.0	20.9	20.7	21.2	24.2	24.2	24.2

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					1	0.5	2.6	2.4	6.1							11515
2	0.1	0.5	0.0	0.0	0	1.1	3.8	2.1	8.4							11522
3	16.4	17.0	15.7	16.0	1	2.5	0.8	1.5	3.0	-	-	-	-			11527
4					2	0.7	1.3	1.6	3.3							11548
5					1	0.4	1.5	1.3	3.5							11547
6					0	0.7	2.1	1.6	4.3							11549
7	8.8	9.1	8.9	8.6	0	0.6	1.9	1.0	3.7							11553
8	1.6	2.2	1.4	11.5	2	0.8	1.0	1.0	2.4	S. 11	14.6	13.8	20.5			11578
9	15.8	16.3	16.0	-	2	0.4	0.1	0.1	0.5							11577
10	16.5	17.3	17.2	15.5	2	0.3	1.0	0.2	1.6							11568
11	0.0	2.0	0.0	1.3	2	0.4	1.9	1.4	4.3							11570
12					1	1.0	1.3	1.2	3.1							11580
13					0	0.6	1.5	1.3	3.7	S. 12	22.0	18.4	17.2			11589
14					0	0.9	2.0	1.6	5.8							11582
15					0	2.2	2.6	2.3	6.8							11586
16					0	1.9	1.9	2.1	5.3							11587
17	0.0	0.0	0.0	0.0	0	1.3	1.4	1.5	3.5							11502
18					0	0.6	1.3	1.6	3.6	S. 13	11.4	12.2	18.4	18.2		11509
19					0	0.7	1.1	1.5	3.4							11505
20					0	0.8	1.7	2.1	4.2							11614
21					0	0.4	1.5	2.1	4.1							11622
22					0	0.5	1.8	2.1	4.8							11636
23					0	0.9	1.6	2.3	5.8	S. 14	9.2	9.0	16.2			11646
24					0	1.9	2.9	3.2	7.9							11649
25	0.0	0.0	0.0	0.0	0	1.8	1.8	2.2	5.3							11651
26					0	1.3	2.9	4.4	8.5							11659
27	0.0	2.6	1.6	1.7	0	1.2	1.6	0.6	4.0							11667
28					0	1.8	2.0	2.0	5.3	-	-	-	-			11683
29					0	1.3	0.2	1.9	3.7							11681
30					0	1.6	2.8	2.8	7.0							11699
31					0	1.4	2.3	1.8	6.1							11718
Prom.	59.2	67.0	60.8	-	-	1.1	1.7	1.8	4.6	-	-	-	-	-	-	11594

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
-	-	-	20.7	20.9	20.9	17.7	16.8	1.1	Cn. m., Ca. t. y n., r. m.
-	-	-	21.0	21.1	21.1	17.8	16.9	11.6	Cn. m. t. y n., R. n.
-	-	-	21.0	21.0	21.1	18.0	16.9	17.6	Cn. m. t. y n., Ne. m., Ru. LL. t., R. n.
-	-	-	21.2	21.3	21.3	18.0	16.9	14.9	Cn. t., Ca. m. y n., r. n.
-	-	-	21.3	21.4	21.4	18.1	17.0	10.4	Ca. m. t. y n., r. m. y n., Ne. m.
-	-	-	21.3	21.3	21.3	18.1	17.2	10.7	Cn. m. t. y n., r. m.
-	-	-	21.3	21.3	21.3	18.3	17.1	13.0	Cn. m. t. y n., Ru. LL. t., P. t.
-	-	-	21.4	21.4	20.3	18.3	17.3	15.7	Cn. m. y t., Ca. n., Ne. t.
-	-	-	21.4	21.4	21.4	18.5	17.1	14.6	Cn. m. t. y n., LL. m. y t., Ru. m. y t., P. t.
-	-	-	21.5	21.5	21.5	18.5	17.2	10.4	Cn. m. y t., Ca. n., Ru. LL. t.
-	-	-	21.3	21.3	21.3	18.6	17.1	9.1	Ca. m. y t., Cn. n., Z. t.
-	-	-	21.4	21.4	21.5	18.7	17.3	10.4	Ca. m. y n., Cn. t., r. m. y n.
-	-	-	21.3	21.3	21.4	18.7	17.2	4.6	Ca. m. t. y n., r. m.
-	-	-	21.4	21.4	21.5	18.8	17.3	-	Ca. m., Cn. t. y n., r. m.
-	-	-	21.3	21.4	21.4	18.7	17.2	15.1	Ca. m. t. y n.
-	-	-	21.5	21.5	21.5	18.8	17.3	13.6	Cn. m. y n., Ca. t.
-	-	-	21.5	21.6	21.6	18.9	17.4	11.1	Cn. m. y t., Ca. n.
-	-	-	21.6	21.6	21.6	19.0	17.4	6.4	Cn. m. t. y n., Z. m.
-	-	-	21.7	21.6	21.5	19.0	17.5	5.0	Cn. m. t. y n., r. m.
-	-	-	21.6	21.6	21.6	19.0	17.8	12.4	Cn. m. y t., Ca. n.
-	-	-	21.5	21.5	21.5	19.0	17.8	9.0	Cn. m., Ca. t. y n.
-	-	-	21.5	21.5	21.5	19.2	17.8	8.8	Cn. m. y t., Ca. n.
-	-	-	21.5	21.6	21.6	19.2	17.8	1.5	Ca. m. t. y n., B. t.
-	-	-	21.5	21.6	21.7	19.2	17.7	4.8	Ca. m. t. y n.
-	-	-	21.7	21.7	21.7	19.2	18.0	-	Cn. m. t. y n., Z. t., B. t., Dl. n.
-	-	-	21.7	21.7	21.6	19.3	17.7	9.1	Ca. m. t. y n.
-	-	-	21.7	21.7	21.7	19.4	17.8	-	Cn. m. t. y n., Tv. m., LL. Ru. m., B. n.
-	-	-	21.7	21.7	21.7	19.4	17.8	14.1	Cn. m. y t., Ca. n.
-	-	-	21.9	21.9	21.8	19.4	17.8	13.5	Cn. m. y t., Ca. n.
-	-	-	21.8	21.9	22.0	19.5	17.8	11.3	Ca. m. y n., Cn. t., B. t.
-	-	-	22.0	22.1	22.1	19.5	17.9	11.5	Ca. m. t. y n., B. m. y t.
-	-	-	21.5	21.5	21.5	18.8	17.4	10.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	57.0	63.4	8	8-9	51.2	10	19	20.1	26.2	14.3	31.0	2	12-13	9.8	5	4	8.0	14.2	56
2ª	57.9	65.4	13	8,9	52.5	16	17	18.7	24.8	12.6	29.6	16	14-15	7.3	19	5	10.0	14.3	70
3ª	55.0	62.0	23	8,9	49.2	25	17	21.5	29.5	14.0	35.0	26	15	6.1	23	5-6	10.7	14.3	75
MES	56.6	65.4	13	8,9	49.2	25	17	20.2	26.9	13.6	35.0	26	15	6.1	23	5-6	9.6	14.3	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	77	100	varios	33	1	12.9	19.0	7.8	SE	8	60	9	26	9	19-20	40	SW	10	15.11	62.4	17.3	10	17.0	3	18.30-19.30
2ª	73	100	varios	38	16	11.2	16.5	6.6	SW	9	60	15,20	23	15	8-9	29	SW	18	15.08	2.0	2.0	11	2.0	12	1.30-2.30
3ª	67	100	varios	21	30	11.9	19.5	6.2	E	12	84	24	34	26	12-13	57	NW	27	9.38	2.6	2.6	27	2.6	27	10-11
MES	72	100	varios	21	30	12.0	19.5	6.2	E	9	84	24	34	26	12-13	57	NW	27	9.38	67.0	17.3	10	17.0	3	18.30-19.30

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	-	-	-	-	5	-	-	-	-	-	-	1	5	6
2ª	6	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
3ª	8	5	-	-	-	-	-	1	-	-	-	-	-	-	2	1	1
MES	20	5	3	-	-	-	-	7	2	-	-	-	-	-	3	6	7

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