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

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

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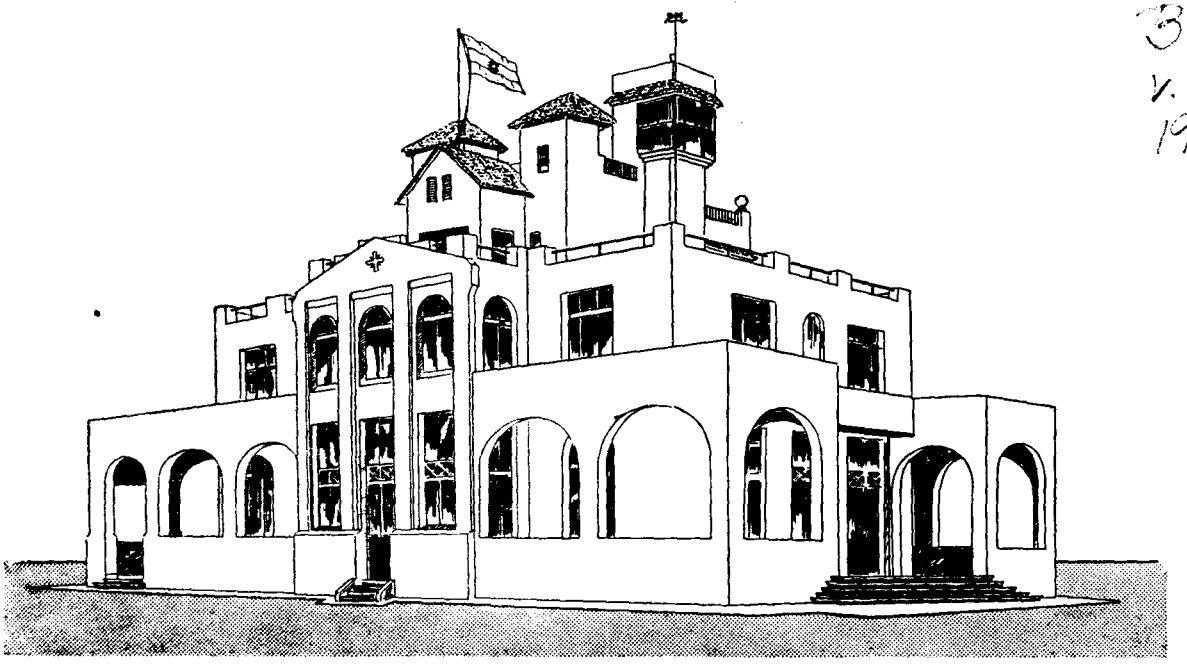
1947



BOLETÍN MENSUAL

VOLUMEN II

AÑO 1947

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National Oceanic and Atmospheric Administration

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Rocket Center, West Virginia
September 14, 1999

OBSERVADORES Y CALCULISTAS:

Sres.: Alberto Martínez
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APRECIACION GENERAL DE LAS OBSERVACIONES

I. DATOS DIVERSOS

1. Coordenadas geográficas: con valor aproximado han sido tomadas del mapa de la República Argentina que el Instituto Geográfico Militar editó en el año 1937, escala 1:1.500.000.
   Lat. geográfica, $\varphi = 34^\circ 33' S$;
   Long. geográfica, $\lambda = 58^\circ 44' W$ de G.
2. Aceleración de la pesantez (corrección por gravedad): $g = -0.75$.
3. Diferencia entre la hora local y la hora de Greenwich: $\Delta G = 3h\ 55m$.
4. Altura del Observatorio sobre el nivel del mar: Hs = 27.4 m.
5. Los cómputos climatológicos se han realizado en base a las observaciones efectuadas a las 8.00, 14.00 y 20.00 horas. (Hora legal argentina del meridiano 60° huso XX).
6. Símbolos adoptados: si no se expresa lo contrario las letras y símbolos que distinguen a los elementos meteorológicos, responden a lo sancionado en la conferencia de directores del mundo (Resolución XX, Varsovia, setiembre 1935), y en la II.ª Reunión de la Comisión Regional III.ª (Montevideo, febrero 1939), según Resolución XIII.

II. REGISTROS ELECTRICOS

1. *Potencial atmosférico.*
   a) El potencial atmosférico (P) se mide con dos electrómetros a cuadrantes y registro de puntos de la fábrica Labo-Gif, París. El captador de ionio está colocado a 5.40 m. sobre el nivel del suelo. Los valores numéricos de la tabla están corregidos por el debido coeficiente e indican potencial absoluto, reducidos a volts por metro (V/M). En los promedios sólo se toman en cuenta los días del tipo "0" y "1" completos, desechándose el valor que por cualquier causa fuese dudoso.
   b) Tipo de la curva. — Las bandas se clasifican en cuatro tipos:
      Tipo "0". — No hay valores de potencial negativo y las curvas son sin grandes fluctuaciones.
      Tipo "1". — Hay potencial negativo durante no más de tres períodos horarios. Las fluctuaciones pueden ser bruscas pero no tanto que se salgan mucho del campo de los aparatos ni sea imposible leerlas.
      Tipo "2". — Hay potencial negativo durante 4 ó más períodos horarios (no es necesario que la suma del tiempo con potencial negativo sea siempre más de tres horas). Las fluctuaciones igual que el tipo "1", aunque algunas salidas del campo no impiden que un día sea del tipo "2".
      Tipo "3" o de perturbación. — Grandes cambios de potencial que hacen imposible su lectura y cálculo. Las agujas salen continuamente fuera del campo de los aparatos o éstos deben ser puestos a tierra por tormentas eléctricas.
   c) Otros signos. — Valen los siguientes signos convencionales:
      V/M: Valor del potencial en volts, referido a un metro sobre el nivel del suelo.
      $+\infty, -\infty$: El valor del potencial ha superado una sola vez, por la parte de los potenciales positivos o negativos, el límite del campo disponible en el aparato para registrar las indicaciones de los electrómetros.
      $\pm\infty$: El potencial ha salido del campo en ambos signos durante la hora indicada.
      Ru : Aparatos puestos a tierra por intensa tormenta eléctrica.
      — : Registros perdidos por diversas causas (telas de araña, etc...).
      * : Día incompleto.
2. *Ionización del aire.*
   a) El coeficiente de dispersión (a) se mide dos veces por día (al mediodía y una hora antes de la puesta del Sol) por el método Gockel-Schering usando un electrómetro bifilar Wulf de la fábrica Leybolds n°. 969.
   b) La conductibilidad (λ) se mide dos veces por día simultáneamente con el coeficiente de dispersión. El aparato usado es un condensador de Gerdien con motor eléctrico y electrómetro bifilar Wulf n°. 970.
   c) El número de iones livianos (n) positivos y negativos se mide simultáneamente una vez por día en la hora que precede al mediodía, usándose para ello dos contadores de iones Ebert-Marche de la fábrica Günther y Tegetmeyer con electrómetros bifilares Wulf n°s. 6339 y 6562.
   d) La movilidad de los iones (k) se mide al mismo tiempo y con los mismos aparatos que el número de iones usando un condensador auxiliar de que están provistos los condensadores debiéndose hacer una segunda determinación de la carga iónica con los condensadores en serie.
   e) La corriente vertical (i) se obtiene por cálculo según la fórmula: $i = P\ (\lambda^+ + \lambda^-)$. Para "P" y "$\lambda$" se toma la conductibilidad a mediodía y de tarde y el valor promedio del potencial durante el tiempo que duró la determinación de "λ".

III. REGISTROS METEOROLOGICOS

1. *Presión atmosférica.* — Los valores consignados en milímetros y décimos de milímetros se han obtenido por interpolación entre las lecturas directas, en las horas mencionadas, del Barómetro Fortín N-Z n°. 2575, corregidas por temperatura, error de índice (s/c) y gravedad (—0,75), y los dados por las fajas del Barógrafo Fuess n°. 3130. La altura de la cu-

beta del Barómetro está a 28.2 m. sobre el nivel del mar.

2. *Temperatura del aire.* — Los valores anotados en grados y décimos corresponden a los de la escala centígrada o Celsius, habiéndoselos obtenido por interpolación entre las lecturas directas del Termómetro de mercurio Fuess nº. 82123, y los dados por las fajas del Termógrafo Fuess nº.101252.

3. *Humedad relativa.* — Los valores expresados en tanto por ciento (%) se han deducido por interpolación entre los determinados por el Psicrómetro Fuess nºs. 82123 y 82124, y los leídos en las fajas del Higrógrafo N-Z nº. 12152 con excepción de los correspondientes a las 8.00, 14.00 y 20.00 horas. Estos valores así como los anteriores vienen suministrados por el instrumental instalado dentro del abrigo meteorológico; sus órganos sensibles se encuentran a 1.60 m. sobre el nivel del suelo.

4. *Tensión del vapor.* — Los valores indicados en milímetros y décimos de milímetros los entregan las tablas correspondientes utilizando como argumento los valores interpolados de la "temperatura del aire" y "humedad relativa", con excepción de los valores de las 8.00, 14.00 y 20.00 horas obtenidos de las tablas psicrométricas.

5. *Viento: dirección y velocidad.* — La dirección se anota según ocho rumbos y con las abreviaturas clásicas, deducida de la veleta registradora Richard nº. 91435. Los valores de la velocidad en m/s son los observados durante los cinco minutos que preceden a las horas de las observaciones; valen las cifras de la escala de Beaufort convertidas en m/s.

6. *Nubes: grado y clases.* — Se consigna el resultado de la observación estimada y considerando al cielo dividido en diez partes, de modo que para un cielo completamente despejado de nubes se considera nubosidad cero (0), y para el completamente cubierto nubosidad diez (10). Las clases responden a las existentes en el cielo en el momento de las observaciones; las abreviaturas son las corrientes.

7. *Visibilidad.* — Se anotan los grados de visibilidad horizontal existente en el momento de la observación y utilizando las cifras de la tabla correspondiente, de modo que en una escala de 0 a 9, la primera cifra indique no ser visible un objeto situado a menos de 50 metros y la última a más de 50.000.

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

9. *Insolación y Transparencia.* — Los números responden a las escalas especiales siguientes: Insolación: Sol completamente oculto (0); id., débil con intermitencias (1); id., id., constante (2); id., bastante bueno con intermitencias (3); id., id., id., constante (4); id., espléndido (5).
Transparencia: pésima (1); mala (2); mediana (3); buena (4); muy buena (5).

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

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

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

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

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

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

16. *Geotemperatura.* — Valores directos de la temperatura del subsuelo tomados a las mencionadas profundidades que se indican de los termómetros: Fuess 13281 (0.05 m.), 14530 (0.10 m.), 13117 (0.20 m.), 13135 (0.30 m.), 14780 (0.40 m.); Salmoiraghi 50537 (0.50 m.); Fuess 13198 (1.00 m.), 7061 (2.00 m.); N-Z H3007 (3.00 m.).

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

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

LL: lluvia. - **Z**: llovizna. - **Ni**: nieve. - **AN**: agua-nieve. - **CH**: chaparrones. - **Chni**: chaparrones de nieve. - **CHan**: chaparrones de agua-nieve. - **G**: granizo. - **Gb**: granizo blando. - **Pi**: piedra. - **N**: niebla. - **Ne**: neblina. - **Ns**: niebla del suelo. - **B**: bruma. - **Vx**: aire diáfono - Visib. extr. - **Cn**: cielo cubierto. - **Ca**: cielo claro. - **Ru**: tormentas (relámp. y truen.). **R**: relámpagos. - **Tv**: vientos fuertes. - **r**: rocío. - **h**: helada. **ns**: suelo cubierto de nieve. - **Gh**: granos de hielo. - **ah**: agujas de hielo. - **ñ**: cencellada blanda. **ña**: cencellada dura. - **H**: hielo glaseado. - **Kn**: nevascas. - **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.

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II ENERO 1947 N.° 1

RESUMEN MENSUAL

El año 1947 empieza con una década de tiempo inestable. La influencia predominante de aire caliente y sobre todo húmedo (el día 9 se registra la máxima mensual de la tensión del vapor) produce nubosidad alta con frecuentes lluvias y tormentas eléctricas. La casi totalidad de la lluvia mensual cae durante este tiempo que abarca también los cuatro días de cielo cubierto del mes. Este período bochornoso termina en la noche del 9 con el pasaje de un frente frío portador de una fuerte tormenta que descarga la madrugada del 10.

La segunda década es más estable, aunque el 13 la presión alcanza su nivel mensual mínimo; nuevamente una ola de aire frío llega hasta el Río de la Plata. En estas condiciones el 15 se produce la temperatura mínima del mes con un valor de 5.0° C, temperatura record para pleno verano; a su vez la tensión del vapor alcanza el mismo día su valor mínimo. Este aire fresco no dura mucho, pues la temperatura, lenta pero firme, asciende luego hasta sobrepasar el valor de 30.0° C.

Como en la segunda, también en la tercera década el cielo se mantiene en gran parte claro; los doce días de cielo despejado se observan durante este tiempo. También en esta época se presenta una fuerte ola de aire frío, descendiendo nuevamente el termómetro de mínima hasta los 5.0° C; pero con diferencia a la década anterior, poco después se establece un fuerte anticiclón sobre la provincia de Buenos Aires, que eleva la columna barométrica al valor máximo mensual en San Miguel el día 24. Esta alta presión caracteriza hasta fin de mes el estado del tiempo. Bajo su influencia es dable consignar una serie casi ininterrumpida de días de buen tiempo, con continuo ascenso de la temperatura, registrándose el 31 la máxima mensual con 34.5° C.

La actividad ciclónica relativamente grande, es la causante de que la presión media descendiera este mes en más de 2 mb por debajo de su nivel normal, así como también el que el promedio mensual de la temperatura fuera de 1.0° C inferior al importe 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	40	38	40	44	36	52	84	104	132	120	72	99	126	100	80
2	-	38	32	16	104	+∞	-∞	+∞	+∞	+∞	+∞	+∞	+∞	163	130
3	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞
4	-	-	-	-	-	-	96	80	96	90	118	144	196	194	+∞
5	64	62	56	68	66	84	112	72	64	40	36	40	72	88	72
6	56	80	62	72	82	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	52	155
7	64	68	64	32	64	80	122	116	60	40	20	30	52	72	68
8	56	58	50	44	36	8	18	44	52	56	54	60	68	100	128
9	30	38	52	26	28	20	48	48	48	72	62	56	50	48	46
10	-	-	-	-	-	-	+∞	+∞	+∞	+∞	+∞	+∞	194	132	175
11	22	26	20	28	26	30	50	50	56	74	68	72	72	70	70
12	44	58	58	60	52	20	70	96	56	76	68	66	62	56	52
13	32	55	45	31	22	26	79	72	52	50	40	30	22	22	14
14	36	40	32	42	50	44	36	-42	-142	+∞	+∞	+∞	+∞	+∞	+∞
15	80	84	92	96	72	16	147	+∞	173	100	54	74	76	18	24
16	44	40	40	+∞	+∞	+∞	+∞	-12	54	62	52	44	58	60	44
17	-	-	-	-	-	-	100	132	147	-38	106	88	72	60	50
18	16	- 6	14	6	- 4	- 2	-12	-12	12	26	6	22	-32	-48	-40
19	36	38	46	46	56	68	58	10	-140	-151	-44	-50	-48	-72	-62
20	68	66	76	98	44	22	32	36	64	46	-34	30	51	39	17
21	38	30	24	32	33	72	-	-	-	-	-	-	85	79	68
22	38	27	-	-	-	-	31	51	-30	-80	-133	-131	±∞	±∞	10
23	44	44	44	50	52	54	68	60	-112	-34	-26	-16	-20	-12	- 6
24	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-24
25	24	-	-	-	-	-	-36	- 8	52	60	26	34	36	38	36
26	-	-	-	-	-	-	28	- 4	38	60	42	36	-44	-120	-72
27	-	-	-	-	-	-	-	-	44	48	10	- 4	-20	32	38
28	34	14	24	36	36	46	-	82	96	40	32	44	48	66	16
29	8	14	28	32	36	48	44	-28	- 6	24	36	52	44	46	52
30	38	12	32	50	38	64	68	68	120	62	56	44	22	50	48
31	38	34	40	34	32	32	54	62	46	42	36	30	48	48	48
Prom.	45.2	53.8	48.6	43.8	46.0	48.0	86.6	81.2	57.6	56.0	46.4	53.6	56.0	61.6	55.2

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSIÓN "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^-+\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^-+\lambda^-$	λ^-/λ^-
1	5.11	4.36	9.47	1.17	5.16	5.06	10.21	1.01	0.69	0.65	1.34	1.06	0.66	0.67	1.33	0.98
2	3.98	4.73	5.21	0.82	4.84	5.67	10.50	0.85	0.27	0.28	0.55	0.96	0.63	0.78	1.41	0.81
3	5.50	4.94	10.44	1.11	4.99	5.36	10.35	0.93	0.65	0.71	1.36	0.92	0.64	0.64	1.28	1.00
4	1.86	2.15	4.02	0.86	5.80	2.68	8.48	2.20	0.22	0.22	0.44	1.00	0.25	0.27	0.52	0.92
5	8.95	10.83	19.79	0.82	9.34	11.10	20.44	0.84	1.18	0.89	2.07	1.33	1.37	1.38	2.75	0.99
6	Ru	-	-	-	10.73	11.34	22.08	0.95	0.90	1.28	2.18	0.70	1.54	1.73	3.27	0.89
7	6.71	7.01	13.72	0.96	5.42	5.39	10.81	1.01	1.02	0.97	1.99	1.05	0.71	0.71	1.42	1.00
8	7.74	9.05	16.79	0.86	7.19	6.89	14.08	1.04	1.08	1.14	2.22	0.95	1.07	1.02	2.09	1.05
9	8.96	10.74	19.70	0.83	7.59	8.18	15.77	0.93	1.14	1.23	2.37	0.93	1.10	1.13	2.23	0.97
10	1.87	3.72	5.59	0.51	3.49	4.36	7.84	0.79	0.25	0.28	0.53	0.89	0.43	0.47	0.90	0.91
11	4.65	4.62	9.27	1.00	10.97	9.55	20.52	1.16	0.54	0.62	1.16	0.87	1.63	1.52	3.15	1.07
12	9.27	9.86	19.13	0.94	8.04	9.06	17.10	0.89	1.07	1.19	2.26	0.90	1.01	1.08	2.09	0.94
13	9.84	8.22	17.70	1.14	8.12	8.31	16.43	0.97	1.03	0.92	1.95	1.12	1.12	1.15	2.27	0.97
14	9.97	9.46	19.43	1.06	8.25	10.19	18.44	0.81	0.65	1.01	1.66	0.64	0.93	1.20	2.13	0.78
15	8.36	9.25	17.61	0.91	7.99	7.25	15.24	1.10	1.10	1.17	2.27	0.94	1.11	1.30	2.41	0.85
16	8.15	9.29	17.44	0.88	8.00	9.86	17.86	0.82	1.24	1.31	2.55	0.95	1.05	1.30	2.35	0.81
17	3.72	4.94	8.66	0.74	5.72	5.78	11.50	0.99	0.57	0.62	1.19	0.92	0.88	0.90	1.78	0.98
18	7.68	7.54	15.22	1.02	7.87	7.58	15.35	1.04	1.13	0.99	2.12	1.14	1.14	0.98	2.12	1.16
19	6.51	7.90	14.40	0.82	7.03	6.81	13.84	1.03	0.76	0.93	1.69	0.82	1.01	0.96	1.97	1.05
20	5.60	4.86	10.46	1.14	2.18	1.83	4.01	1.21	0.80	0.71	1.51	1.12	0.28	0.26	0.54	1.08
21	2.14	2.78	4.92	0.80	-	-	-	-	0.25	0.41	0.66	0.61	-	-	-	-
22	10.68	10.68	21.36	1.00	7.00	6.90	13.90	1.02	0.93	0.92	1.85	1.01	0.78	0.92	1.70	0.85
23	7.53	8.68	16.21	0.87	11.05	11.68	22.73	0.94	0.63	0.81	1.44	0.78	1.10	1.34	2.44	0.82
24	4.76	4.99	9.74	0.95	5.16	5.96	11.12	0.85	0.65	0.67	1.32	0.97	0.73	0.81	1.54	0.90
25	10.15	10.82	20.97	0.94	9.52	2.94	12.46	3.20	1.21	1.42	2.63	0.85	1.38	0.70	2.08	1.97
26	4.14	3.69	7.83	1.10	9.54	8.97	18.51	1.05	0.50	0.54	1.04	0.92	1.31	1.32	2.63	0.99
27	6.05	6.98	13.04	0.88	5.01	2.71	7.72	1.86	0.79	0.88	1.57	0.90	0.62	0.45	1.07	1.38
28	5.12	4.92	10.05	1.05	4.71	7.40	12.12	0.64	0.57	0.69	1.26	0.83	0.62	0.93	1.55	0.67
29	9.97	11.13	21.10	0.90	7.12	7.54	14.66	0.94	1.42	1.61	3.03	0.88	0.99	0.92	1.91	1.08
30	4.58	5.26	9.84	0.87	9.55	10.07	19.62	0.93	0.54	0.77	1.31	0.70	1.22	1.34	2.56	0.91
31	6.91	6.80	13.71	1.01	8.28	11.76	20.04	0.70	1.08	0.88	1.96	1.23	1.24	1.59	2.83	0.78
Prom.	6.40	7.01	13.43	0.93	7.19	7.27	14.46	1.09	0.80	0.86	1.66	0.93	0.95	0.99	1.94	0.98

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
60	64	64	52	-	-		-	-		∞	12	-	0*
96	78	78	76	94	136	165	140	24		∞	∞	-	3*
+∞	80	60	56	-	-	-	-	-		∞	-∞	-	3*
-∞	+∞	72	86	40	32	32	80	90		∞	-∞	-	1*
94	108	60	52	66	58	52	46	56	67.4	144	- 4	148	1
171	132	92	136	72	70	64	72	56		∞	-∞	-	3*
48	88	38	80	68	76	80	86	84	68.8	210	-221	431	1
140	86	68	56	12	14	52	42	24		163	-28	191	2
40	52	48	+∞	+∞	-	+∞	-214	-		∞	-233	-	3*
108	42	20	46	40	42	36	16	16		∞	4	-	0*
62	66	70	72	52	42	46	42	26	50.5	112	-24	136	1
42	42	40	26	26	24	22	26	40	49.2	116	4	112	0
28	28	36	38	44	40	32	20	36	37.2	105	-46	151	1
+∞	+∞	+∞	22	48	50	12	54	64		∞	-∞	-	3*
28	38	50	44	58	56	56	56	52		∞	-80	-	2
40	36	26	32	14	34	-	-	-		∞	-∞	-	3*
58	52	48	38	38	114	98	44	36		212	6	206	0*
22	0	16	30	40	42	34	36	32		104	-153	257	2
-52	-74	-48	8	42	44	38	32	44		80	-223	303	2
Ru	Ru	-24	72	80	56	56	52	52		159	-128	287	3*
-36	-24	-12	54	32	34	42	44	38		179	-90	269	1*
-146	56	-167	-100	-10	44	48	46	46		∞	-∞	-	3*
- 6	-	-	-	-	-	-	-	-		206	-218	424	2*
-88	-76	-38	-34	54	28	32	48	52		128	-165	293	2*
28	34	42	44	56	46	-	-	-		116	- 74	190	2*
-28	-16	- 8	16	32	44	-	-	-		78	-190	268	2*
16	4	- 8	-	32	16	20	48	44		∞	-92	-	2*
6	32	36	40	52	64	80	88	38		146	-136	282	2*
48	32	10	30	46	38	52	62	68		116	-74	190	2
49	44	40	44	50	49	38	40	32		142	-40	182	2
40	28	14	36	66	56	-	-	-		122	-208	330	2*
54.8	66.4	58.8	53.6	51.2	48.0	46.4	44.0	48.4	54.6				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
72	84	64	3.75	2.84	622	645	1267	0.96	0.62	-
±∞	±∞	82	-	3.85	928	637	1565	1.46	-	-
+∞	+∞	62	-	2.64	1574	1249	2823	1.26	-	1.59
134	134	78	1.96	1.35	580	247	827	2.35	2.11	1.94
46	62	68	4.28	6.23	817	880	1697	0.93	1.85	1.40
±∞	±∞	88	-	9.59	1136	727	1863	1.56	-	-
12	24	100	1.59	4.73	943	675	1618	1.40	-	-
54	56	70	4.14	4.88	922	947	1869	0.97	1.27	1.32
60	56	44	4.42	3.27	656	649	1305	1.01	0.36	0.89
+∞	+∞	24	-	0.72	547	440	987	1.24	1.01	0.58
68	68	64	2.63	6.72	878	859	1737	1.02	0.84	0.65
64	66	44	4.97	3.06	193	1039	1232	0.18	-	1.99
36	28	36	1.82	2.72	1184	851	2035	1.39	0.18	0.40
∞	-∞	-∞	-	-	1121	1303	2424	0.86	0.87	1.68
60	64	46	4.84	3.70	1377	1002	2377	1.37	1.20	-
52	44	28	3.74	2.19	1134	849	1983	1.34	0.32	0.16
106	92	52	3.65	3.08	756	687	1443	1.10	1.02	1.26
-12	-10	2	-0.71	0.14	828	1085	1913	0.76	0.30	-
-46	-48	-50	-2.70	-3.28	863	895	1758	0.96	0.72	0.41
-42	6	-46	0.30	-0.83	754	861	1615	0.88	-	0.45
-	-	-28	-	-	303	335	638	0.90	1.62	0.82
-110	-120	-194	-7.40	-10.99	1257	1113	2370	1.13	-	0.23
-24	-18	-	-0.86	-	721	1134	1855	0.64	1.75	-
-	-	-40	-	-2.05	679	679	1358	1.00	0.50	1.08
20	38	38	3.33	2.63	1259	939	2198	1.34	0.23	0.66
32	44	-8	1.52	-0.70	924	767	1691	1.20	2.12	1.73
8	12	-20	0.63	-0.71	1337	1115	2452	1.20	0.43	0.62
16	16	44	0.67	2.27	731	507	1238	1.44	1.54	0.53
38	50	32	5.05	2.04	888	746	1634	1.19	-	0.19
56	46	38	2.01	3.24	306	371	677	0.82	-	1.26
34	24	12	1.57	1.13	1010	626	1636	1.61	-	0.81
30	34	25	1.88	1.94	878	802	1678	1.14	0.99	0.94

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	55.6	55.7	55.9	56.4	56.5	56.7	56.8	57.0	56.9	56.7	56.3	55.8	55.6	54.8	54.5
2	52.5	52.1	51.6	52.2	52.6	52.6	54.7	55.7	53.9	53.7	53.1	53.1	52.6	52.3	51.4
3	50.8	51.3	50.4	50.4	50.5	52.9	52.7	53.4	53.1	52.1	51.9	51.7	51.4	51.4	51.2
4	52.8	52.9	52.9	53.5	53.5	53.8	54.8	54.7	54.9	54.8	55.4	55.3	54.7	55.0	54.3
5	54.4	54.1	53.8	54.5	54.0	54.7	55.6	56.2	54.9	54.0	54.8	54.6	54.5	54.4	53.7
6	53.2	52.8	52.6	52.3	52.7	54.2	52.1	52.4	53.8	54.8	55.6	54.9	50.8	50.6	50.3
7	51.4	51.3	51.8	51.8	52.5	52.9	53.1	53.2	53.2	54.1	54.6	55.3	55.6	55.3	55.2
8	57.0	56.8	56.4	56.8	57.0	56.9	57.1	57.2	57.1	56.7	56.6	55.8	55.4	55.3	54.6
9	52.7	52.5	51.9	52.1	52.2	52.4	52.4	52.2	51.8	51.4	51.1	51.0	51.0	50.6	49.9
10	51.2	49.8	49.4	49.9	50.7	52.0	52.5	53.4	53.5	53.0	53.5	53.9	53.9	53.9	53.8
11	58.2	57.6	57.3	57.4	57.5	58.0	58.4	58.4	58.1	57.9	57.6	57.4	57.1	56.4	55.6
12	53.5	53.4	53.5	53.7	53.8	53.8	53.9	53.9	53.6	53.2	52.8	52.4	52.0	51.6	51.1
13	50.1	49.9	49.9	50.2	50.3	50.5	50.7	50.5	50.0	49.4	49.1	48.5	48.0	47.7	47.4
14	48.9	48.5	48.4	48.6	49.4	50.0	50.4	50.8	51.0	51.2	51.5	51.5	51.6	51.8	51.9
15	57.2	56.9	56.8	57.0	57.2	57.6	57.8	57.4	57.5	57.5	56.9	56.0	55.4	54.6	54.1
16	50.9	50.5	50.3	50.9	50.3	50.2	50.2	49.2	51.0	50.9	50.6	50.1	49.7	49.2	48.7
17	56.0	54.0	54.1	55.3	56.5	56.8	57.0	57.0	57.1	57.1	57.2	57.3	57.2	57.2	56.7
18	58.4	57.9	57.8	57.7	57.7	57.7	57.8	57.8	57.2	56.4	55.7	55.0	54.4	53.6	53.3
19	52.0	51.7	51.5	51.6	51.6	51.7	51.7	51.7	51.2	51.2	51.2	51.0	50.7	50.6	50.6
20	53.6	53.5	53.2	53.5	53.7	54.2	54.6	54.5	54.5	54.4	54.1	53.6	52.8	52.3	51.2
21	52.2	51.8	51.8	52.1	52.3	52.5	52.6	52.4	52.2	51.9	51.2	51.0	50.5	49.8	49.2
22	47.6	46.7	46.6	47.3	47.5	47.3	47.6	47.9	47.9	48.0	48.2	48.5	49.2	49.8	49.8
23	58.8	59.0	59.3	59.9	60.4	61.2	61.7	60.8	60.7	60.8	60.8	60.9	60.7	60.8	60.5
24	61.9	61.6	61.6	61.7	62.1	62.5	62.8	62.8	62.8	62.9	62.8	62.3	62.1	61.7	61.3
25	60.9	60.5	60.4	60.4	60.5	60.7	60.9	61.0	61.3	61.3	61.1	61.0	60.9	60.6	60.3
26	60.8	60.7	60.4	60.5	60.9	61.0	61.3	61.4	61.1	61.0	60.7	60.2	59.8	59.6	59.1
27	59.6	59.3	59.1	59.1	59.2	59.3	59.4	59.3	59.1	58.9	58.5	58.3	57.8	57.3	56.9
28	57.3	57.0	57.0	57.2	57.3	57.5	57.8	57.8	57.4	57.2	56.8	56.2	55.9	55.2	54.4
29	53.1	52.8	52.4	52.4	52.6	52.9	52.9	53.0	52.9	52.7	52.3	51.7	51.6	51.2	50.5
30	50.7	50.9	51.0	51.5	52.5	53.6	53.8	53.6	53.4	53.3	53.9	53.2	53.9	53.6	53.1
31	54.1	54.0	53.8	54.0	54.0	54.5	54.8	54.9	54.7	54.6	54.4	54.0	53.7	52.8	52.3
Prom.	54.4	54.1	54.0	54.2	54.5	54.9	55.2	55.2	55.1	54.9	54.8	54.6	54.2	53.9	53.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DIAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	20.7	19.3	17.9	17.3	16.5	16.8	19.6	23.3	25.3	27.1	28.1	28.5	29.3	30.0	30.0
2	22.9	22.6	22.3	21.9	22.0	21.5	22.0	21.8	20.8	21.7	24.1	26.7	28.3	28.6	28.9
3	23.9	21.5	20.4	20.7	21.1	20.8	20.8	19.0	19.9	21.0	24.4	27.6	28.7	29.6	29.5
4	21.3	21.0	19.0	18.1	17.5	17.8	17.9	18.3	19.4	20.6	20.5	23.7	24.3	24.6	24.4
5	20.8	20.4	20.2	20.1	20.3	21.4	23.0	23.2	23.0	23.9	24.6	25.7	26.3	26.7	27.2
6	20.2	20.5	20.1	20.2	20.4	20.8	21.3	22.5	22.4	20.5	20.1	20.4	21.1	23.6	25.4
7	17.9	17.0	17.2	17.3	17.4	18.4	21.2	24.2	25.7	26.7	26.5	27.1	27.7	27.8	27.5
8	18.9	18.6	18.3	18.1	17.6	18.1	19.5	21.0	22.6	24.1	25.2	25.2	25.4	25.4	25.3
9	17.2	17.3	17.3	17.2	16.9	18.3	26.6	25.0	27.1	28.4	29.5	30.1	30.5	31.4	32.0
10	20.1	20.2	20.4	20.4	20.1	20.0	20.2	19.3	20.5	22.6	23.7	24.1	24.0	24.1	23.5
11	13.2	12.4	11.9	11.7	11.7	12.8	16.4	19.9	20.7	21.8	22.8	24.1	24.9	25.6	25.7
12	14.9	14.6	13.9	13.8	14.0	14.4	18.8	23.0	24.6	24.5	27.7	28.6	29.4	30.0	30.4
13	20.3	20.1	19.9	19.8	19.4	19.8	22.7	26.0	27.1	28.3	29.6	30.3	30.0	30.2	30.5
14	17.0	16.4	15.4	14.6	15.5	16.1	18.1	20.6	21.3	21.9	22.5	22.9	23.2	23.8	23.5
15	10.4	9.3	8.3	7.3	6.5	6.5	13.3	17.6	18.8	19.5	20.5	21.1	22.1	23.1	23.6
16	16.9	16.6	15.6	15.9	16.8	18.0	19.2	20.2	23.3	24.7	26.2	27.1	28.1	28.5	29.2
17	17.1	15.2	14.7	14.3	13.6	13.6	15.4	17.8	18.6	19.7	20.8	21.7	22.4	23.0	23.5
18	12.0	12.3	12.9	13.2	12.5	12.9	15.5	19.2	21.4	23.3	24.6	25.9	27.3	28.0	28.1
19	19.2	18.2	17.8	17.4	17.4	17.8	21.7	24.4	25.7	26.8	28.4	29.3	30.2	31.0	31.2
20	16.7	16.2	16.2	15.6	15.1	15.7	19.7	21.9	24.0	25.5	26.4	27.1	28.0	28.6	29.1
21	20.0	19.1	18.6	18.0	18.0	18.3	21.3	23.4	25.7	27.8	29.0	30.4	31.5	32.0	32.6
22	20.1	20.3	20.8	20.9	22.5	22.5	22.9	24.6	25.4	26.3	27.4	28.0	23.7	26.4	29.2
23	13.4	12.6	11.5	10.5	10.1	9.9	12.7	15.7	17.0	18.4	19.0	19.3	20.5	20.4	20.0
24	9.1	8.3	7.5	6.6	6.4	6.5	13.2	17.9	19.6	21.5	22.2	23.5	24.5	25.2	25.6
25	13.9	13.6	13.2	13.2	13.2	13.5	16.9	20.3	22.1	23.0	24.2	24.8	25.5	26.0	26.1
26	16.4	15.9	15.6	14.7	13.9	14.6	18.9	22.1	24.8	26.8	27.5	28.3	28.9	28.8	28.9
27	21.0	20.3	19.1	18.6	18.4	18.5	20.7	23.0	25.7	27.2	27.7	28.2	29.0	29.3	29.3
28	21.7	21.1	20.2	19.3	18.1	18.0	20.1	23.0	24.6	26.1	27.0	28.0	28.9	28.9	29.1
29	21.2	21.0	20.4	20.0	20.0	20.0	21.8	24.2	26.2	28.3	29.8	30.7	31.0	31.6	31.5
30	23.7	22.8	21.8	20.9	19.4	20.8	22.2	23.7	25.3	26.8	27.9	29.1	30.0	31.4	32.2
31	19.9	19.1	19.1	19.0	18.8	18.0	21.4	25.6	25.8	30.7	31.9	32.6	33.2	34.0	34.1
Prom.	18.1	17.5	17.0	16.7	16.5	16.8	19.5	21.7	23.1	24.4	25.5	26.4	27.0	27.7	28.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
54.1	53.5	53.1	52.7	**52.6**	52.8	53.0	53.0	52.8	57.0	8	52.6	20	4.4	754.9 mm.	1006.5 mb.
51.0	50.8	50.8	50.8	**50.8**	51.3	51.5	51.0	51.0	55.7	8	50.8	17-20	4.9	52.2	1002.9
50.7	50.7	50.7	50.9	**51.2**	51.8	51.9	52.3	52.7	53.4	8	50.4	3-4	3.0	51.6	1002.1
53.2	53.0	52.0	52.4	**53.4**	54.2	54.7	54.9	54.7	55.4	11	52.0	18	3.4	54.0	1005.3
52.7	52.8	52.1	52.5	**53.2**	53.4	53.4	53.8	53.4	56.2	8	52.1	18	4.1	54.0	1005.3
49.5	49.3	49.8	50.1	**50.4**	51.2	51.3	51.7	51.7	55.6	11	49.3	17	6.3	52.0	1002.6
54.8	54.7	54.7	54.7	**55.4**	55.8	56.5	57.2	57.3	57.3	24	51.3	2	6.0	54.3	1005.7
53.8	53.1	53.0	53.0	**53.0**	53.2	53.3	53.3	53.3	57.2	8	53.0	18-20	4.2	55.2	1006.9
48.7	48.4	48.3	49.6	**49.7**	48.4	48.7	50.4	51.4	52.7	1	48.3	18	4.4	50.8	1001.0
53.9	54.4	55.3	56.3	**56.6**	57.2	57.7	57.8	58.3	58.3	24	49.4	3	8.9	53.8	1005.0
55.0	54.4	54.4	54.4	**54.4**	54.6	54.6	54.1	53.7	58.4	7-8	53.7	24	4.7	56.4	1008.5
50.7	50.6	50.7	50.8	**51.0**	51.2	51.1	50.6	50.5	53.9	7-8	50.5	24	3.4	52.2	1002.9
46.9	46.5	46.8	47.6	**48.5**	48.9	49.4	49.7	49.6	50.7	7	46.5	17	4.2	49.0	998.6
52.1	52.4	52.8	53.7	**54.2**	55.2	56.7	57.3	57.3	57.3	23-24	48.4	3	8.9	52.0	1002.6
53.1	52.4	52.2	52.4	**52.4**	52.3	52.4	51.9	51.2	57.8	7	51.2	24	6.6	55.0	1006.6
48.3	48.4	48.6	49.0	**49.8**	50.5	51.3	51.8	54.3	54.3	24	48.3	16	6.0	50.2	1000.2
56.4	56.3	56.4	56.8	**57.0**	57.5	58.0	58.5	58.7	58.7	24	54.0	2	4.7	56.8	1009.0
52.8	52.3	52.3	52.2	**52.2**	52.5	52.8	52.8	52.6	58.4	1	52.2	19-20	6.2	55.0	1006.6
50.6	50.7	51.1	51.4	**51.8**	52.3	52.7	53.6	53.7	53.7	24	50.6	14-16	3.1	51.6	1002.1
50.7	50.1	50.4	50.8	**51.2**	51.7	52.2	52.3	52.4	54.6	7	50.1	17	4.5	52.7	1003.6
48.6	48.5	48.6	48.6	**48.7**	48.7	48.6	48.4	47.8	52.6	7	47.8	24	4.8	50.4	1000.5
49.9	49.9	50.6	51.9	**53.3**	54.0	55.5	56.9	58.0	58.0	24	46.6	3	11.4	50.0	1000.0
60.3	60.3	60.5	61.0	**61.4**	61.7	61.9	62.1	61.2	62.1	23	58.8	1	3.3	60.7	1014.2
60.9	60.8	60.9	61.1	**61.2**	61.3	61.2	61.1	61.2	62.9	10	60.8	17	2.1	61.8	1015.7
60.0	59.8	59.7	59.9	**60.2**	60.6	60.7	60.7	60.8	61.3	9-10	59.7	18	1.6	60.6	1014.1
58.9	58.8	58.9	59.4	**59.8**	59.9	59.9	59.9	59.7	61.4	8	58.8	17	2.6	60.2	1013.6
56.4	56.4	56.6	56.9	**57.2**	57.5	57.4	57.5	57.5	59.6	1	56.4	16-17	3.2	58.1	1010.8
53.7	53.6	53.8	53.8	**53.6**	53.5	53.6	53.4	53.2	57.8	7-8	53.2	24	4.6	55.6	1007.4
50.0	49.7	49.7	49.9	**50.2**	50.7	51.1	51.1	50.8	53.1	1	49.7	17-18	3.4	51.6	1002.1
52.9	52.6	53.0	53.2	**53.6**	54.1	54.2	54.2	54.2	54.2	22-24	50.7	1	3.5	53.1	1004.1
51.6	51.4	51.5	51.6	**51.4**	51.4	52.6	56.9	54.7	56.9	23	51.4	17,20-21	5.5	53.5	1004.6
53.0	52.8	52.9	53.2	**53.5**	53.8	54.2	54.5	54.5	56.7		51.9		4.8	54.1	1005.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
29.7	29.5	28.2	25.4	**24.2**	24.4	24.1	24.1	24.2	30.0	14-15	16.5	5	13.5	24.3
28.7	28.7	28.4	27.2	**25.2**	24.5	24.1	23.7	23.4	28.9	15	20.8	9	8.1	24.6
29.6	30.4	29.3	26.7	**24.4**	23.2	22.2	21.7	21.9	30.4	17	19.0	8	11.4	24.1
24.3	24.1	23.9	23.3	**22.4**	22.0	21.8	21.2	21.2	24.6	14	17.5	5	7.1	21.4
27.2	26.3	25.6	24.8	**23.0**	22.2	21.3	21.0	20.7	27.2	15-16	20.1	4	7.1	23.3
26.3	26.2	25.8	23.5	**21.0**	20.6	19.1	18.9	17.8	26.3	16	17.8	24	8.5	21.6
26.5	25.7	24.8	23.1	**20.6**	19.4	19.0	19.1	19.0	27.8	14	17.0	2	10.8	22.4
26.0	26.0	25.4	23.3	**20.8**	19.8	18.9	18.1	17.4	26.0	16-17	17.4	24	8.6	21.6
31.6	31.1	29.8	28.2	**27.2**	25.9	25.1	25.0	20.5	32.0	15	16.9	5	15.1	25.4
22.2	21.2	20.0	19.4	**17.9**	17.0	16.2	15.3	14.4	24.1	12,14	14.4	24	9.7	20.3
25.7	25.3	24.4	22.1	**18.4**	16.3	15.6	15.1	14.6	25.7	15-16	11.7	4-5	14.0	18.9
30.1	29.5	28.8	26.8	**24.6**	23.0	22.7	21.5	21.1	30.4	15	13.8	4	16.6	22.9
30.8	30.0	28.7	26.2	**23.6**	22.6	21.7	20.6	18.3	30.8	16	18.3	24	12.5	24.8
23.3	22.4	21.8	19.7	**17.1**	15.8	13.5	12.1	11.0	23.8	14	11.0	24	12.8	18.7
24.0	23.8	23.3	21.8	**19.9**	18.9	17.9	17.7	17.3	24.0	16	6.5	5-6	17.5	17.2
29.5	29.5	28.3	27.1	**25.0**	24.5	20.8	18.0	17.4	29.5	16-17	15.6	3	13.9	22.8
23.2	23.0	22.7	20.2	**16.6**	15.2	13.9	13.0	12.0	23.5	15	12.0	24	11.5	18.0
27.9	27.4	26.1	23.9	**21.4**	20.7	20.0	20.0	19.2	28.1	15	12.0	1	16.1	20.6
30.6	29.4	27.8	25.4	**22.0**	19.6	18.1	18.2	17.4	31.2	15	17.4	4-5,24	13.8	23.5
27.2	25.8	25.9	24.3	**22.4**	21.5	20.3	20.3	20.2	29.1	15	15.1	5	14.0	22.2
31.5	30.8	29.3	25.8	**23.3**	22.4	21.8	21.3	20.8	32.6	15	18.0	4-5	14.6	24.7
29.1	28.9	26.4	23.1	**20.2**	18.4	17.3	16.1	14.6	29.2	15	14.6	24	14.6	23.1
20.1	19.6	19.2	19.4	**15.0**	12.7	10.7	10.7	9.7	20.6	13	9.7	24	10.9	15.3
25.4	24.2	22.9	20.4	**18.6**	18.0	17.3	16.2	15.5	25.6	15	6.4	5	19.2	17.3
26.0	25.6	24.8	22.8	**20.3**	19.3	18.5	17.0	17.1	26.1	15	13.2	3-5	12.9	20.0
28.6	28.1	26.8	24.4	**22.2**	21.4	20.9	20.9	20.9	28.9	13,15	13.9	5	15.0	22.5
29.3	29.1	27.1	24.2	**22.4**	21.8	21.8	21.5	21.5	29.3	14-16	18.4	5	10.9	23.9
29.0	28.4	26.7	24.1	**22.1**	21.0	21.2	20.5	20.9	29.1	15	18.0	6	11.1	23.7
32.0	31.7	30.0	27.1	**25.1**	24.7	24.0	23.9	23.6	32.0	16	20.0	4-6	12.0	25.8
32.5	32.5	31.7	28.6	**25.5**	23.4	22.5	21.5	20.9	32.5	16-17	19.4	5	13.1	25.7
33.4	33.1	31.8	29.4	**27.2**	26.4	26.4	21.3	21.8	34.1	15	18.0	6	16.1	26.5
27.8	27.3	26.3	24.2	**21.9**	20.9	20.0	19.2	18.6	28.2		15.5		12.7	22.2

HUMEDAD RELATIVA en %

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

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	13.5	12.5	12.5	12.0	12.0	12.0	14.0	13.5	12.5	14.5	13.5	13.0	13.1	11.5
2	14.0	13.5	14.0	15.0	16.0	15.5	17.0	17.0	16.0	15.0	16.0	16.0	16.5	17.8	17.0
3	14.5	14.5	15.5	15.0	15.0	16.0	16.0	15.1	13.0	11.5	14.0	14.0	15.0	16.1	16.0
4	14.5	14.0	14.0	12.5	12.0	11.5	11.5	12.9	13.0	13.0	13.0	15.5	16.0	17.4	17.5
5	16.0	15.5	15.0	15.0	15.0	16.5	17.0	18.0	17.0	17.0	17.5	17.5	18.5	18.0	18.0
6	17.0	17.5	17.0	17.0	17.0	16.5	18.0	16.4	13.5	15.5	15.0	15.5	15.0	15.2	15.0
7	14.5	14.0	14.0	14.0	14.0	15.0	17.0	18.0	17.5	17.5	12.0	12.5	10.0	10.6	11.5
8	11.5	12.0	11.0	12.0	11.5	11.0	11.0	11.1	10.5	11.5	11.0	12.5	12.5	12.8	12.5
9	13.5	13.5	12.5	13.5	13.0	13.5	18.5	16.4	16.5	18.0	17.5	18.0	18.5	20.4	18.5
10	17.0	17.0	16.5	16.5	15.0	15.0	16.0	13.9	13.5	14.5	12.5	12.5	13.5	13.2	13.5
11	9.0	9.0	9.0	9.0	9.0	9.5	10.5	12.4	12.0	10.0	9.5	8.0	10.0	9.2	8.0
12	9.5	9.5	9.5	10.0	10.0	10.5	12.5	13.6	13.0	13.0	14.5	15.0	16.0	16.6	17.0
13	16.0	17.0	16.5	15.5	16.0	16.5	16.5	18.6	18.0	17.5	16.0	18.5	16.5	15.7	13.5
14	10.0	12.0	11.0	11.0	8.0	8.5	8.0	7.7	9.5	7.4	6.6	7.8	6.8	5.6	4.8
15	7.2	7.2	7.0	7.0	6.6	6.2	6.0	4.6	4.4	4.6	5.0	7.0	7.4	8.5	8.0
16	10.0	10.5	10.5	11.0	10.0	9.5	8.5	9.8	9.0	8.5	8.0	8.5	9.0	9.4	8.0
17	10.5	10.5	9.5	10.0	10.0	9.5	9.0	9.6	8.0	9.0	7.8	7.2	7.6	7.8	7.0
18	9.5	8.5	9.0	9.0	9.0	9.0	10.0	10.7	10.0	9.0	9.5	10.5	8.5	9.2	9.0
19	12.0	12.0	12.5	12.0	12.0	12.5	12.0	12.7	11.5	9.5	10.5	9.5	10.5	9.9	9.0
20	12.0	13.0	13.0	12.0	12.0	12.0	13.0	13.1	10.5	9.0	9.5	8.5	12.0	13.1	12.5
21	14.0	14.0	14.5	14.0	14.0	13.5	14.5	14.9	15.0	14.5	14.0	12.0	11.0	11.0	10.0
22	14.0	13.5	13.0	14.0	12.5	13.5	15.0	14.2	15.0	14.5	14.0	14.5	15.5	19.6	6.8
23	8.0	7.8	8.0	8.0	7.8	7.8	8.5	7.6	6.8	5.8	6.0	6.2	5.8	6.2	6.4
24	7.4	7.4	7.4	7.0	7.0	7.0	7.6	8.6	5.4	6.2	6.4	7.0	6.2	6.8	9.0
25	10.0	10.5	10.0	11.0	9.5	10.0	10.0	10.2	10.0	9.5	10.5	9.5	10.0	10.1	9.5
26	13.5	13.0	12.5	12.0	11.5	12.0	12.5	14.0	14.5	12.5	11.5	12.0	12.5	11.0	11.0
27	14.0	13.5	14.0	14.5	14.5	14.5	14.0	14.2	12.5	12.5	11.5	10.5	11.0	9.6	8.0
28	13.0	12.5	12.5	12.5	12.5	12.5	10.5	11.4	12.0	12.0	12.5	12.0	12.5	9.8	9.5
29	14.5	15.0	15.5	16.0	16.0	16.0	16.0	17.4	17.0	16.0	14.5	15.5	15.5	17.5	14.5
30	16.5	16.0	17.0	18.0	16.0	16.0	16.0	15.8	16.0	16.0	17.5	14.0	11.5	11.0	10.0
31	15.0	15.0	15.0	14.0	14.0	14.0	16.5	16.2	15.5	12.0	11.5	13.5	14.0	13.0	17.0
Prom.	12.7	12.7	12.5	12.6	12.2	12.4	12.9	13.2	12.6	12.1	11.9	12.1	12.2	12.4	11.6

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
11.5	11.5	12.0	16.0	16.2	17.5	18.5	17.0	16.0	18.5	22	11.5	15-17	7.0	13.9
16.5	18.0	19.5	19.5	19.5	18.5	18.0	18.0	17.5	19.5	18-20	13.5	2	6.0	16.7
16.0	17.0	18.0	20.0	20.0	19.5	19.0	17.5	18.0	20.0	19-20	11.5	10	8.5	16.1
[illegible]	17.0	18.0	16.5	16.3	15.0	15.0	13.5	15.5	17.5	15-16	11.5	6-7	6.0	[illegible]
16.5	17.0	17.5	18.0	18.7	18.0	18.0	18.0	17.5	18.7	20	15.0	3-5	3.7	17.1
15.5	14.5	15.5	16.5	15.7	16.5	16.0	15.5	14.5	18.0	7	13.5	9	4.5	15.9
12.0	11.5	12.0	12.0	13.8	13.5	14.0	13.5	12.5	18.0	8	10.0	13	8.0	13.6
13.0	13.0	13.5	15.0	15.1	14.0	14.0	13.5	13.5	15.1	20	10.5	9	4.6	12.5
19.5	19.0	19.5	19.0	20.2	20.5	19.5	20.5	15.5	20.5	21,23	12.5	3	8.0	17.3
12.5	12.5	11.5	11.0	9.4	9.5	8.5	10.0	9.0	17.0	1-2	9.0	24	8.0	13.1
8.5	7.5	9.5	12.0	12.7	12.0	12.0	11.5	9.5	12.7	20	7.8	17	4.9	10.0
16.5	17.5	18.5	17.5	18.1	17.0	18.0	17.5	17.0	18.5	18	9.5	1-3	9.0	14.6
12.5	10.0	11.0	12.0	10.7	10.5	10.0	9.5	9.5	18.6	8	9.5	23-24	9.1	14.3
5.5	5.2	5.4	6.4	6.2	6.4	7.2	7.0	7.0	12.0	2	4.8	15	7.2	7.6
8.0	8.0	8.5	9.0	9.7	10.0	9.5	10.0	10.5	10.5	24	4.4	9	6.1	7.5
8.5	8.9	10.5	12.5	11.7	12.0	13.0	11.5	10.5	13.0	22	8.0	11,15	5.0	10.0
6.8	6.8	8.5	9.0	10.3	10.5	10.5	10.0	9.5	10.5	1-2,21-22	6.6	18	3.9	8.9
10.5	10.0	10.5	10.5	9.9	10.0	10.0	11.5	12.0	12.0	24	8.5	2,13	3.5	9.8
10.5	10.0	10.5	10.0	11.4	13.0	12.5	9.5	10.5	13.0	21	9.0	15	4.0	11.1
12.5	12.5	13.0	14.0	12.8	13.5	14.5	13.5	13.5	14.5	22	8.5	12	6.0	12.3
14.5	16.0	16.0	15.5	15.7	15.5	15.0	14.5	15.0	16.0	18,22	10.0	15	6.0	14.1
5.2	5.2	4.4	10.0	9.8	9.5	9.0	9.0	8.0	19.6	14	4.4	18	15.2	11.6
6.5	6.4	4.2	7.0	8.2	8.5	7.4	8.0	8.0	8.5	7,21	4.2	18	4.3	7.1
7.8	8.0	7.8	9.0	10.2	10.0	9.5	9.5	10.0	10.2	20	5.4	9	4.8	7.8
9.0	9.0	8.5	10.5	12.3	12.0	13.0	13.0	13.0	13.0	22-24	8.5	18	4.5	10.4
11.0	8.0	9.5	12.0	13.4	12.5	13.0	14.0	15.0	15.0	24	9.0	17	6.0	12.3
8.0	9.5	11.0	14.0	14.1	14.0	15.0	15.5	15.5	15.5	23-24	8.0	15-16	7.5	12.7
11.0	9.0	9.5	15.0	15.2	15.0	16.0	15.5	14.0	16.0	22	9.0	17	7.0	12.4
13.0	14.5	15.5	18.0	18.7	19.0	18.0	17.0	19.0	19.0	21-24	13.0	16	6.0	16.3
11.5	11.5	13.0	13.5	14.6	15.5	15.5	15.5	15.0	18.0	4	10.0	15	8.0	14.7
16.0	16.0	16.5	17.5	17.4	18.5	18.5	16.5	15.0	18.5	21-22	11.5	11	7.0	15.5
11.7	11.6	12.1	13.5	13.8	13.8	13.9	13.4	13.1	15.7		9.3		6.4	[illegible]

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
DÍAS	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIR
1	S	10	S	10	SE	6	SE	8	SE	4	SE	5	SE	7	SE	6	E	10	E	12	E	10	E	12	E	12	E	13	
2	NE	10	NE	13	NE	11	N	15	N	13	N	16	N	19	W	17	S	17	SE	10	E	13	E	10	NE	14	NE	12	N
3	NE	10	SE	8	S	11	S	15	S	11	NE	13	N	16	NW	22	NW	34	N	27	S	4	E	4	NE	8	NE	8	N
4	S	4	S	9	S	9	S	8	SE	7	SE	11	SE	7	SE	5	SE	6	N	5	NE	3	SW	4	NW	5	SW	4	S
5	NE	9	NE	9	NE	8	NE	7	NE	9	NE	11	E	6	NW	7	W	10	N	16	N	23	N	12	N	12	N	17	
6	E	4	E	6	E	5	E	5	E	3	SE	2	W	14	S	9	S	7	W	19	W	15	SW	7	NE	18	NE	11	N
7	W	5	W	4	NW	7	NW	9	W	7	W	8	W	8	S	9	S	8	S	11	S	11	SE	9	SE	5	SE	6	
8	E	8	E	10	E	14	NE	15	NE	15	NE	16	NE	21	NE	19	N	24	N	19	N	19	N	19	N	14	N	17	
9	N	5	N	7	N	9	N	8	N	8	N	12	N	15	N	16	N	20	N	22	NW	23	NW	20	NW	13	NW	15	N
10	S	6	NE	11	NE	9	SE	6	SE	6	SE	6	SE	6	SE	9	SE	12	SE	14	SE	15	SE	16	SE	14	E	13	
11	SE	11	SE	8	SE	6	SE	7	SE	6	SE	6	SE	4	NE	13	NE	14	NE	16	NE	16	NE	15	NE	18	NE	16	
12	N	9	N	5	N	5	N	6	N	5	N	7	N	6	NW	11	NW	16	NW	16	NW	14	NW	16	NW	13	W	15	
13	W	6	W	4	W	4	W	2	W	2	Calma	0	NW	3	NW	4	NW	11	NW	12	NW	15	W	13	W	16	SW	12	
14	S	4	SE	4	NW	3	NW	3	NW	8	W	14	W	14	W	18	SW	15	SW	23	SW	23	SW	26	SW	26	SW	20	
15	SE	3	SE	4	SE	3	SE	2	N	2	N	3	N	3	E	6	E	11	NE	11	N	14	N	13	N	14	NE	14	
16	N	12	N	7	N	8	N	9	N	16	N	25	N	30	N	41	N	24	NW	17	NW	10	NW	16	NW	11	W	11	
17	S	12	SE	12	SE	10	S	8	S	6	S	6	S	10	S	11	S	13	S	5	S	5	S	5	S	8	S	10	
18	NE	3	NE	8	NE	11	NE	12	NE	12	N	14	N	18	N	20	N	27	N	27	N	28	N	27	N	28	N	29	
19	NW	11	NW	13	NW	12	NW	12	NW	15	NW	13	NW	18	NW	23	NW	37	NW	34	NW	23	W	22	W	23	W	20	
20	SE	5	SE	5	SE	4	SE	4	N	3	N	3	NE	8	NE	12	NE	16	NE	16	NE	17	NE	15	NE	13	NE	12	
21	E	9	E	6	SE	5	SE	5	SE	4	E	4	E	4	SE	5	S	4	S	5	S	5	S	6	SW	4	SW	6	
22	N	5	NE	6	N	9	N	10	NW	16	NW	19	NW	16	N	15	NW	25	NW	25	NW	28	W	26	W	23	NW	13	
23	S	6	SW	8	SW	8	SW	6	SW	8	SW	8	SW	9	SW	11	SW	26	SW	25	SW	26	SW	20	SW	23	SW	18	
24	S	2	S	2	Calma	1	Calma	1	S	2	S	3	S	3	S	2	S	4	S	3	S	5	S	5	S	6	S	7	
25	NE	6	NE	6	NE	6	NE	6	NE	9	NE	8	NE	9	N	14	N	23	N	18	N	17	N	17	N	13	N	15	
26	SE	6	SE	5	SE	4	SE	3	E	4	E	6	NE	6	NE	8	NE	10	N	5	SE	7	E	7	E	10	E	15	
27	E	9	E	9	E	9	NE	7	NE	8	NE	8	NE	9	NE	12	NE	12	NE	10	NE	11	NE	15	NE	14	NE	13	
28	E	12	NE	17	NE	13	NE	10	NE	6	NE	6	NE	8	NE	13	NE	17	NE	12	NE	14	NE	16	NE	12	NE	13	
29	NE	13	NE	12	NE	9	NE	9	NE	10	NE	7	NE	10	N	18	N	17	N	14	N	14	N	13	N	13	N	18	
30	E	12	N	9	N	6	N	2	S	3	SE	5	S	7	SE	5	E	6	N	8	N	6	NW	15	W	15	W	12	
31	NW	2	NW	2	W	6	W	6	W	7	W	4	W	4	W	4	SW	4	N	7	N	12	N	16	N	15	N	14	
DIRECCIÓN PREVALENTE	S		NE		SE-NE		SE-NE		NE		N-NE		N-NE		N-NE		N		N		N		N		N-NE		NE		
NÚMERO DE HORAS	7		8		7		7		7		7		7		6		7		11		8		7		7		8		
PROM. HOR. DE LA VELOCIDAD		7		8		7		7		8		9		10		12		15		15		15		14		14		14	

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	11	E	10	E	11	E	11	E	10	E	8	NE	7	NE	6	NE	7	E	13	9	13	S	0.15
NE	10	NE	8	E	4	E	4	NE	4	E	3	SE	4	SE	5	NE	4	NE	10	10	36	NW	7.40
NW	9	NW	7	NW	6	NW	5	NE	4	NE	2	NE	2	N	2	S	3	NE	8	10	42	NW	8.17
E	4	E	7	E	9	E	8	E	9	E	11	E	8	E	10	E	10	E	9	7	17	E	20.07
N	12	N	12	N	14	N	10	NE	2	E	2	NE	3	NE	4	E	2	N	10	10	28	N	10.10
NE	19	NE	14	N	10	N	7	NW	7	NW	7	NW	6	NW	4	NW	4	NE-E-NW	5	10	37	NE	13.15
S	6	S	5	S	5	S	4	S	2	S	3	SE	4	E	5	E	6	S	11	6	19	S	10.05
N	10	N	14	N	12	N	9	N	7	N	9	NW	5	NW	7	N	6	N	14	14	26	NE	6.45
NW	12	N	16	N	15	W	5	S	4	NE	3	NE	7	NE	3	SW	14	N	12	12	49	SW	23.50
E	14	E	14	SE	14	SE	12	SE	16	SE	12	SE	14	SE	13	SE	15	SE	17	12	26	SE	16.50
N	14	N	14	N	12	NE	7	E	3	E	3	Calma	0	NE	5	N	5	NE	10	10	22	NE	8.40
W	14	W	11	W	8	W	6	W	5	W	7	W	5	W	2	W	5	W	11	9	23	NW	9.55 10.17
W	12	SW	10	SW	9	SW	5	S	6	S	8	S	8	S	12	S	7	W	14	8	27	W	12.25
SW	23	SW	22	SW	16	SW	8	SW	6	SW	5	S	11	SE	7	SE	6	SW	13	14	47	SW	13.50
N	21	N	20	N	14	N	12	N	9	N	12	N	14	N	14	N	13	N	16	10	28	N	14.35
W	7	SW	5	SW	5	SW	3	S	5	S	5	S	7	SE	11	S	12	N	9	13	56	N	7.17
S	8	S	4	S	3	Calma	1	NE	2	NE	2	Calma	1	Calma	1	W	2	S	16	7	20	SE E S	0.40 1.55 14.10
NW	22	NW	24	NW	24	NW	18	NW	10	NW	13	NW	13	NW	13	NW	14	N	10	18	43	NW	14.10
W	19	SW	15	SW	14	SW	9	SW	6	S	2	Calma	1	SE	6	SE	6	NW	11	16	48	NW	9.00
NE	14	E	13	E	12	E	8	E	9	E	10	SE	7	E	7	E	9	NE	10	10	21	NE	10.15
NE	6	NE	10	NE	10	NE	8	NE	6	NE	5	NE	5	NE	4	NE	4	NW	9	6	12	E	0.20
SW	19	SW	15	S	18	S	14	S	14	S	8	S	11	S	9	S	10	NW-S	7	16	42	W	11.37
SW	18	SW	17	SW	13	S	7	S	3	Calma	1	S	2	Calma	1	Calma	0	SW	17	12	47	SW	10.17
NE	12	NE	14	NE	16	NE	13	E	9	E	10	E	9	E	9	E	6	S	12	6	18	NE	16.23
N	15	N	12	N	10	NE	8	E	10	E	7	E	7	SE	4	SE	5	N	10	10	24	N	11.40
E	14	E	13	E	12	E	9	E	6	E	8	E	7	E	9	E	9	E	15	8	19	E	15.18
E	11	E	10	E	10	E	9	E	9	E	8	E	9	E	10	E	9	NE-E	12	10	21	NE	12.38
NE	14	NE	11	NE	14	E	10	E	5	SE	4	SE	4	E	7	E	7	NE	17	11	23	NE	15.15
N	16	N	12	E	12	E	14	E	11	E	12	E	8	E	8	E	6	N	10	12	23	N	14.40
W	12	W	9	SW	6	SW	3	S	3	N	2	N	3	N	4	N	5	N	9	7	20	W	12.17
NE	15	NE	13	NE	14	NE	11	E	10	E	9	E	6	SW	30	NE	14	NE-W	6	10	55	SW	22.10
NE		N		E		E		E		E		E		E		F		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
7		7		7		8		11		12		7		8		9		NE	143	10	DIRECCIÓN	DÍA	HORA
	13		12		11		8		7		7		6		8		7				SW	31	de 22.15 a 22.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1			3	20	13	140	6	36	2	20								216
2	4	63	10	100	5	34	3	19	1	17			1	17				250
3	3	45	8	55	1	4	1	8	5	44					6	83		239
4	1	5	1	3	9	76	5	36	4	30	3	12			1	5		167
5	10	143	9	62	3	10							1	10	1	7		232
6	2	17	5	104	5	23	1	2	2	16	1	7	3	48	5	28		245
7					2	11	4	24	11	71			5	32	2	16		154
8	14	192	5	86	3	32									2	12		322
9	12	153	3	13					1	4	1	14	1	5	6	98		287
10			2	20	4	54	17	200	1	6								280
11	4	45	10	136	2	6	7	48									1	235
12	7	43											11	90	6	86		219
13									5	41	4	36	9	72	5	45	1	194
14							3	17	2	15	13	246	3	46	3	14		338
15	16	198	2	25	2	17	4	12										252
16	9	172					1	11	4	29	3	13	3	24	4	60		309
17			2	4			2	22	16	131			1	2			3	162
18	10	245	5	46											9	151		442
19							2	12	1	2	4	44	5	103	11	211	1	373
20	2	6	10	137	7	68	5	25										236
21			9	58	4	23	4	19	4	20	2	10			1	5		135
22	4	39	1	6					7	84	3	51	2	49	7	142		371
23									4	18	17	264					3	284
24			5	61	5	43			12	44							2	150
25	10	157	9	68	3	24	2	9										258
26	2	15	2	14	15	142	5	25										196
27			12	133	12	112												245
28			17	210	5	41	2	8										259
29	10	150	7	70	7	71												291
30	9	45			2	18	2	10	3	13	2	9	5	60	1	15		170
31	5	64	6	81	3	25					2	34	6	31	2	4		239
SUMAS	134	1797	143	1512	112	974	76	543	85	605	55	740	56	589	72	982	11	7750
% PREVAL. POR VELOCIDAD	23.3		19.5		12.6		7.0		7.8		9.6		7.6		12.7		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		10		9		7		7		13		10		14		1	250

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	6	6	4	7		2	2	
1 - 2	4	8	4	7	3	1	2	2	
2 - 3	5	7	3	7	2	1	2	3	1
3 - 4	6	7	1	7	3	1	2	3	1
4 - 5	6	7	2	5	4	1	3	3	
5 - 6	7	7	2	6	2	1	3	2	1
6 - 7	7	7	2	4	3	1	4	3	
7 - 8	6	6	1	5	4	1	3	5	
8 - 9	7	4	3	2	6	3	1	5	
9 - 10	11	5	1	2	4	2	1	5	
10 - 11	8	5	2	2	5	2	1	6	
11 - 12	7	4	4	2	3	4	3	4	
12 - 13	7	7	2	2	2	3	4	4	
13 - 14	6	8	3	1	2	5	4	2	
14 - 15	6	9	3		2	4	5	2	
15 - 16	6	7	5		2	3	5	3	
16 - 17	7	6	6		2	6	2	2	
17 - 18	6	5	7	1	3	6	1	2	
18 - 19	4	5	8	1	3	5	2	2	1
19 - 20	2	5	11	1	7	2	1	2	
20 - 21	3	4	12	2	5	1	1	2	1
21 - 22	2	5	7	5	5		1	3	3
22 - 23	3	5	8	6	2	1	1	3	2
23 - 24	4	4	9	4	4	1	2	2	1
SUMAS	134	143	112	76	85	55	56	72	11
% de frec. por dirección	18.0	19.2	15.0	10.3	11.4	7.4	7.5	9.7	1.5

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	49.0	30.0	1.54	1	5	5	
	10	54.5	32.5	1.79	1	5	5	
	12	56.5	34.4	1.80	3	4	5	
	14	56.4	34.5	1.78	5	4	5	
	15	51.3	33.3	1.46	8	4	5	
2	9	22.9	19.9	0.24	10	0	5	
	10	31.2	22.5	0.87	10	0	5	
	12	54.0	31.5	1.83	4	5	5	
	14	55.7	33.5	1.80	5	5	5	
	15	48.0	31.7	1.32	10	4	5	
3	9				10	0	4	LL.
	10	32.3	23.7	0.70	10	0	5	
	12	57.5	33.5	-	7	4	5	
	14	45.0	32.0	1.06	5	3	3	B.
	15	54.5	34.4	1.63	2	5	5	
4	9	32.8	22.2	0.86	10	1	3	B.
	10	37.5	24.2	1.08	10	0	2	Ne.
	12	43.8	27.5	1.32	10	1	2	Ne.
	14	34.0	25.5	0.69	10	0	3	B.
	15	33.2	25.0	0.67	10	0	4	B.
5	9	38.2	26.3	0.97	10	1	5	
	10	37.4	21.4	1.30	10	0	5	
	12	43.0	28.8	1.50	10	1	5	
	14	45.2	29.6	1.27	9	2	5	
	15	53.8	32.2	1.76	8	3	5	
6	9				10	0	4	LL.
	10				10	0	4	LL.
	12				10	0	4	
	14	39.5	25.9	1.10	9	1	5	
	15	50.0	30.5	1.58	6	5	5	
7	9	49.8	30.0	1.61	10	4	5	
	10	53.0	32.0	1.71	10	3	5	
	12	51.0	31.5	1.58	10	2	5	
	14	50.0	31.5	1.50	10	2	5	
	15	37.8	28.2	0.78	10	0	5	
8	9	49.5	27.8	1.76	0	5	5	
	10	45.5	28.0	1.42	6	2	5	
	12	41.0	27.7	1.08	9	0	5	
	14	44.2	28.7	1.26	9	1	5	
	15	40.1	27.9	0.99	9	1	5	
9	9	53.2	32.0	1.72	1	5	5	
	10	56.0	34.0	1.79	3	5	5	
	12	50.5	33.5	1.38	9	1	5	
	14	52.0	35.0	1.38	8	3	5	
	15	53.0	35.2	1.45	9	2	5	
10	9	36.6	23.3	1.08	10	0	4	
	10	48.8	27.7	1.72	10	1	4	
	12	37.2	25.8	0.93	10	0	4	
	14	41.8	27.0	1.20	9	3	5	
	15	35.5	25.5	0.81	10	1	4	
11	9	48.7	26.0	1.84	0	5	5	
	10	50.6	27.0	1.92	0	5	5	
	12	52.0	29.0	1.87	0	5	5	
	14	53.0	30.5	1.83	0	5	5	
	15	52.1	30.5	1.76	0	5	5	
12	9	51.8	30.3	1.75	2	5	5	
	10	54.7	23.3	1.82	2	5	5	
	12	56.2	34.0	1.80	1	5	5	
	14	56.9	34.7	1.80	2	5	5	
	15	55.2	34.5	1.68	4	5	5	
13	9	54.8	33.2	1.76	2	5	5	
	10	56.7	34.5	1.80	2	5	3	
	12	57.5	35.7	1.77	4	3	5	
	14	57.6	35.5	1.80	3	5	5	
	15	55.7	34.8	1.70	3	5	5	
14	9	49.0	26.5	1.83	0	5	5	
	10	50.9	27.3	1.92	0	5	5	
	12	52.0	28.5	1.91	0	5	5	
	14	51.5	27.8	-	0	5	5	
	15	49.8	28.2	1.76	0	5	5	
15	9	47.8	24.7	1.88	0	5	5	
	10	50.2	26.2	-	0	5	5	
	12	51.4	27.7	-	0	5	5	
	14	52.2	29.3	1.86	0	5	5	
	15	50.7	29.4	1.73	1	5	5	
16	9	50.7	29.0	1.76	2	5	5	
	10	52.9	30.4	1.83	1	5	5	
	12	55.7	33.0	1.84	0	5	5	
	14	55.8	33.7	1.80	0	5	5	
	15	55.0	34.0	1.71	1	5	5	
17	9	46.7	23.7	1.87	0	5	5	
	10	49.4	25.5	-	0	5	5	
	12	52.2	28.5	-	0	5	5	
	14	52.0	28.8	1.89	1	5	5	
	15	51.0	28.7	1.81	2	5	5	
18	9	48.7	26.8	1.78	0	5	5	
	10	52.0	29.3	1.84	0	5	5	
	12	54.0	31.2	1.85	0	5	5	
	14	55.0	32.9	1.80	0	5	5	
	15	53.4	32.5	1.70	0	5	5	
19	9	51.2	30.7	1.67	2	5	5	
	10	52.4	32.2	1.64	2	5	5	
	12	57.5	35.5	1.79	0	5	5	
	14	58.2	36.0	1.80	0	5	5	
	15	56.0	35.5	1.67	0	5	5	
20	9	50.5	29.0	1.75	0	5	5	
	10	52.8	30.6	1.80	0	5	5	
	12	-	-	-	-	-	-	
	14	53.4	33.7	1.60	2	5	5	
	15	40.2	30.5	0.79	8	0	5	
21	9	52.6	31.5	1.72	0	5	3	B.
	10	55.0	33.0	0.79	0	5	3	B.
	12	57.5	36.0	1.75	1	5	5	
	14	58.6	37.1	1.75	0	5	5	
	15	56.8	35.5	1.65	0	5	5	
22	9	42.0	28.5	1.10	10	1	5	
	10	47.6	30.6	1.38	10	1	5	
	12	40.0	29.4	0.86	10	0	5	
	14	52.5	29.4	1.88	9	3	5	
	15	54.5	34.0	1.67	2	5	5	
23	9	45.5	22.6	1.86	1	5	5	
	10	48.4	24.5	-	2	5	5	
	12	35.5	22.3	1.07	9	0	5	
	14	43.2	25.0	1.48	9	1	5	
	15	42.2	24.0	1.48	9	1	5	
24	9	49.0	26.2	1.85	0	5	5	
	10	30.7	27.2	1.91	0	5	5	
	12	53.0	29.5	1.91	0	5	5	
	14	52.3	30.4	1.83	0	5	5	
	15	50.2	29.8	1.66	0	5	4	B.
25	9	49.5	27.5	1.79	2	5	5	
	10	52.3	29.2	1.88	2	5	5	
	12	51.6	30.0	1.76	4	5	5	
	14	51.7	31.0	1.68	10	3	5	
	15	49.5	30.2	1.57	10	2	5	
26	9	52.2	30.5	1.76	0	5	5	
	10	54.8	32.2	1.84	1	5	5	
	12	56.1	34.0	1.80	1	5	5	
	14	55.2	33.9	1.73	0	5	5	
	15	53.4	33.0	1.66	0	5	5	
27	9	51.6	30.5	1.72	0	5	5	
	10	54.8	32.5	1.81	0	5	5	
	12	56.0	33.7	1.81	0	5	5	
	14	56.5	34.6	1.78	0	5	5	
	15	55.0	34.0	1.71	0	5	5	
28	9	52.0	29.9	1.80	0	5	5	
	10	54.5	32.0	1.83	0	5	5	
	12	56.0	33.5	1.83	0	5	5	
	14	56.0	34.0	1.79	0	5	5	
	15	55.0	34.5	1.67	0	5	5	
29	9	52.0	31.5	1.67	1	5	5	
	10	56.5	34.5	1.79	2	5	5	
	12	59.2	37.0	1.80	3	5	5	
	14	58.8	37.0	1.77	4	5	5	
	15	43.0	32.9	0.82	4	3	5	
30	9	33.6	26.5	0.58	10	0	3	
	10	42.9	29.7	1.07	10	0	4	
	12	51.4	33.9	1.42	10	0	4	
	14	57.8	36.3	1.75	8	5	5	
	15	56.5	36.4	1.63	3	5	5	
31	9	55.0	34.1	1.70	0	5	5	
	10	57.5	35.2	1.73	0	5	5	
	12	59.0	37.6	1.74	0	5	5	
	14	59.5	38.8	1.68	0	5	5	
	15	57.4	37.8	1.59	0	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.6	14.4	88
2						0.1	0.8	1.0	1.0	1.0	0.9	0.2	0.2	0.4	5.6	14.4	39
3						0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.5	7.5	14.4	52
4												0.1		0.2	0.3	14.4	02
5									0.5	1.0	0.4	0.1	0.6	0.7	3.3	14.4	23
6									0.2	0.8	1.0	1.0	1.0	0.7	4.7	14.4	33
7	0.1	0.9	1.0	0.9	1.0	1.0	0.7	0.9	0.3	0.3		0.2			7.3	14.3	51
8	0.3	1.0	1.0	1.0	1.0	0.9	0.7	0.3	0.5	0.8	1.0	1.0	1.0	0.5	11.0	14.3	77
9	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	0.4	1.0	0.6		10.9	14.3	76
10					0.2	1.0	0.8	0.4	0.8	0.2					3.4	14.3	24
11	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		12.1	14.3	85
12	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6				10.0	14.3	70
13		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.4	14.3	87
14		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.7	14.2	82
15	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.5	11.9	14.2	84
16				0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4		8.9	14.2	63
17	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
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	0.8	13.2	14.2	93
19	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.1	14.1	93
20	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.4	12.1	14.1	86
21	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.8	14.1	91
22				0.3		0.2	0.2		0.5	1.0	1.0	1.0	0.9	0.2	5.3	14.1	38
23	0.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7	1.0	1.0	0.9	0.2	11.9	14.0	85
24	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.6	14.0	90
25	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.5	12.3	14.0	88
26	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.6	14.0	90
27	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.7	13.9	91
28	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.7	13.9	91
29	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.7	13.9	91
30	0.1	0.6					0.3	0.3	0.8	1.0	1.0	1.0	1.0	0.4	6.5	13.8	47
31	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.3	13.8	89
Medias	0.2	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.4	10.0	14.2	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	24.9	30.0	27.2	24.7	27.4	26.6	24.4	24.8	25.4	24.7	24.4	24.8	25.1	25.1	25.0
2	25.2	28.2	27.5	24.6	26.1	26.3	24.3	24.4	25.0	24.6	24.5	24.5	25.3	25.3	25.2
3	24.8	27.8	27.3	24.2	25.7	26.2	24.0	23.9	24.7	24.4	24.2	24.3	25.2	25.1	25.0
4	24.6	26.4	25.8	24.2	24.9	25.1	24.0	23.8	24.0	25.1	25.0	25.0	25.3	25.6	25.1
5	24.5	26.6	26.2	23.7	24.7	25.2	23.3	23.6	24.0	23.9	23.7	23.8	24.6	24.7	24.6
6	24.5	24.3	24.8	23.8	23.6	23.9	23.4	23.1	23.1	23.7	23.5	23.4	24.6	24.5	24.4
7	23.5	27.1	25.6	22.7	24.9	24.7	22.6	23.0	23.6	23.0	23.1	23.4	24.3	24.2	24.2
8	23.3	26.5	25.2	22.7	24.5	24.4	22.9	23.0	23.2	23.3	23.2	23.2	24.4	24.2	24.2
9	23.4	28.2	27.3	22.7	25.6	25.9	22.6	23.2	24.2	23.2	23.2	23.7	24.2	24.2	24.2
10	24.7	26.9	24.8	24.1	25.1	24.5	23.7	23.6	23.7	23.9	23.8	23.8	24.5	24.6	24.5
11	21.8	26.6	24.4	21.8	24.3	23.8	22.2	22.4	23.0	23.1	22.9	23.0	24.4	24.2	24.1
12	22.2	27.6	26.4	21.7	25.3	25.3	22.0	22.8	23.8	22.8	22.8	23.4	24.1	24.0	24.0
13	24.8	29.7	26.8	23.8	27.5	26.4	23.4	24.6	25.0	23.7	24.0	24.4	24.4	24.5	24.6
14	23.4	27.3	23.9	23.3	25.4	24.0	23.6	23.6	23.8	24.0	24.0	23.9	24.9	24.9	24.7
15	20.8	26.6	24.0	20.9	24.2	23.6	21.9	22.2	23.0	23.2	23.0	23.1	24.5	24.4	24.2
16	22.2	28.0	25.9	21.7	25.1	25.0	21.9	22.6	23.7	22.8	22.8	23.3	24.1	24.2	24.1
17	22.4	27.0	24.2	21.3	25.3	24.2	22.6	23.0	23.6	23.2	23.2	23.7	24.3	24.3	24.3
18	22.0	27.4	25.0	21.6	24.7	24.3	22.1	22.6	23.4	23.2	23.0	23.2	24.4	24.4	24.2
19	23.3	28.7	25.8	22.5	25.8	25.2	22.5	23.2	24.2	23.2	23.2	23.6	24.4	24.3	24.3
20	23.2	28.9	26.0	22.5	26.0	25.4	22.8	23.5	24.2	23.4	23.5	23.8	24.4	24.6	24.4
21	24.2	30.0	27.5	25.4	27.2	26.5	23.2	24.2	25.3	23.8	23.9	24.5	24.8	24.8	24.9
22	25.1	26.9	25.4	24.4	23.4	24.9	24.1	24.3	24.4	24.3	24.4	24.4	25.2	25.2	25.2
23	21.8	25.4	23.3	22.0	23.9	23.3	22.6	22.7	23.0	23.6	23.3	23.4	24.9	24.7	24.6
24	20.4	27.0	24.3	20.5	24.6	23.9	21.3	22.2	23.2	22.8	22.6	23.0	24.3	24.2	24.1
25	21.9	27.8	25.0	21.5	24.5	24.3	21.8	22.5	23.4	22.8	22.7	23.2	24.2	24.1	24.1
26	23.3	29.0	26.0	22.3	26.2	25.3	22.3	23.3	24.2	23.0	23.2	23.8	24.3	24.3	24.3
27	24.2	29.4	26.8	23.3	26.7	25.9	23.2	24.0	24.8	23.6	23.7	24.3	24.7	24.7	24.7
28	24.9	30.0	26.9	23.9	27.0	26.2	23.8	24.4	25.2	24.2	24.2	24.6	25.1	25.1	25.1
29	25.2	30.8	28.2	24.3	27.5	22.1	24.0	25.0	25.2	24.4	24.5	25.0	25.3	25.4	25.4
30	25.6	28.6	27.6	25.0	26.4	26.6	24.6	24.8	25.4	25.0	24.8	25.0	25.7	25.7	25.6
31	25.1	31.2	29.0	24.5	27.8	27.6	24.4	25.2	26.2	24.8	24.9	25.4	25.7	25.8	25.8
Prom.	23.6	28.0	25.9	23.1	25.5	25.1	23.1	23.5	24.2	23.7	23.6	23.9	24.7	24.7	24.6

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	1.1	2.4	2.3	6.4							6937
2	1.0	1.5	1.0	0.0	2	1.7	1.0	1.4	3.5	E.23	15.6	12.2	23.2			6931
3	15.2	16.9	15.6	9.5	2	1.1	1.4	1.6	3.8							6929
4	0.0	2.5	1.7	1.1	2	0.8	0.7	0.8	2.4							6948
5	0.0	0.0	0.0	0.0	1	0.9	1.1	1.3	2.7							6952
6					2	0.3	0.7	1.7	2.7							6938
7	4.1	6.4	4.5	-	2	0.3	1.9	1.5	4.9	E.24	17.9	12.5	18.7			6948
8					1	1.5	2.5	1.8	5.0							6981
9					0	0.7	2.6	2.0	5.3							6952
10	10.9	11.4	10.8	4.9	2	0.7	1.4	1.4	3.9							6972
11					1	1.1	2.4	2.5	5.6							7012
12					0	0.7	2.5	1.7	4.7	E.25	10.1	10.7	18.6	18.4	15.4	6982
13					0	0.5	2.3	2.3	5.9							6975
14					0	2.3	3.7	3.0	8.1							6997
15					0	1.4	2.9	3.0	8.1							7054
16					0	2.2	3.6	2.4	7.5							6902
17	1.0	1.2	1.1	0.0	0	1.5	2.0	1.8	4.7	-	-	-	-			7076
18					0	0.9	3.8	4.0	10.4							7070
19					0	2.6	3.9	3.6	8.7							7074
20					0	1.2	2.7	2.0	5.7							7080
21					0	1.0	2.3	2.4	6.2							7079
22	0.0	0.0	0.0	0.0	0	1.5	2.5	3.5	7.5	-	-	-	-			7074
23	0.0	0.0	0.0	0.0	0	1.5	2.8	2.3	5.6							7175
24					0	0.5	2.4	2.3	5.7							7177
25					0	1.0	2.7	2.6	6.0							7169
26					0	0.7	2.4	2.5	6.0							7177
27					0	1.1	2.8	2.7	7.2	E.26	4.2	5.7	13.1			7179
28					0	1.7	2.9	2.8	6.5							7188
29					0	0.8	2.7	2.8	6.3							7179
30					0	0.8	2.0	2.7	5.4							7213
31					0	0.7	3.5	2.9	7.8							7235
Prom.	32.2	39.9	34.8	15.5	-	1.1	2.4	2.3	5.8	-	-	-	-	-	-	7050

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		
25.2	25.4	25.1	22.4	22.4	22.5	20.0	18.7	15.2	Ca. m., Cn. n., r. m., Jl. n.
25.4	25.5	25.4	22.3	23.2	22.6	20.2	18.8	-	Cn. m., LL. m., B. n., Ru. HN. n.
25.4	25.4	25.3	22.8	22.8	22.9	20.2	18.8	-	Cn. m., Ca. n., LL. m., B. t. y n.
25.3	25.6	25.1	22.9	22.9	22.9	20.2	18.8	16.8	Cn. m. t. y n., B. m. y t.
25.0	25.0	24.8	23.0	23.0	23.0	20.3	19.0	17.0	Cn. m. t. y n.
24.8	24.7	24.6	23.0	23.0	23.0	20.3	18.9	17.0	Cn. m. y t., Ru. LL. m., Ca. Ns. r. n.
24.4	24.4	24.4	23.0	23.0	23.0	20.5	19.0	14.1	Cn. m. t. y n., r. m.
24.4	24.4	24.3	23.0	23.0	23.0	20.5	19.0	15.4	Ca. m. y n., Cn. t., r. n.
24.5	24.5	24.4	23.0	23.0	23.0	20.5	19.0	14.3	Ca. m., Cn. t. y n., r. m., R. n.
24.7	24.8	24.7	23.0	23.0	23.0	20.5	19.0	19.3	Cn. m. t. y n., LL. n., Ru. m.
24.6	24.6	24.4	23.0	23.1	23.1	20.6	19.0	10.0	Ca. m. t. y n., r. m. y n.
24.5	24.5	24.3	23.1	23.1	23.1	20.8	19.1	8.3	Ca. m. y t., r. m.
24.7	24.8	24.7	23.1	23.1	23.1	20.8	19.0	17.4	Ca. m. t. y n., r. m. y n.
25.1	25.2	25.0	23.1	23.1	23.1	20.9	19.1	11.0	Ca. m. t. y n., r. m., B. n.
25.0	25.0	24.7	23.1	23.2	23.2	21.0	19.1	3.0	Ca. m. y t., Cn. n., r. m.
24.7	24.8	24.6	23.2	23.2	23.2	21.0	19.2	11.8	Cn. m. y n., Ca. t., Ru. HE. n.
24.8	24.9	24.7	23.2	23.2	23.2	21.0	19.2	10.7	Ca. m. t. y n., r. m. y n.
24.9	24.9	24.7	23.2	23.2	23.2	21.0	19.2	8.5	Ca. m. t. y n., r. m.
24.8	24.9	24.7	23.3	23.3	23.3	21.0	19.3	13.8	Cn. m., Ca. t. y n.
25.0	25.2	24.8	23.3	23.3	23.3	21.0	19.3	10.9	Ca. m. t. y n.
25.1	25.3	25.0	23.2	23.3	23.3	21.1	19.4	13.2	Ca. m. t. y n., r. m., B. m. y n.
25.4	25.5	25.3	23.3	23.3	23.3	21.2	19.4	16.6	Cn. m. y t., Ca. n., LL. t., B. n.
25.3	25.2	24.8	23.2	23.4	23.4	21.2	19.4	6.6	Ca. m. y n., Cn. t.
24.7	24.6	24.3	23.0	23.4	23.4	21.4	19.5	3.0	Ca. m. t. y n., r. m., B. n.
24.5	24.5	24.3	23.1	23.4	23.3	21.3	19.5	7.8	Ca. m. Cirroso t., Ca. n.
24.5	24.6	24.4	23.2	23.3	23.3	21.4	19.5	9.9	Ca. m. t. y n., r. m.
24.8	24.9	24.8	23.3	23.3	23.3	21.3	19.5	13.2	Ca. m. t. y n., r. m.
25.2	25.4	25.1	23.3	23.4	23.4	21.4	19.5	13.5	Ca. m. t. y n., B. n.
25.5	25.6	25.4	23.4	23.4	23.4	21.4	19.6	15.0	Ca. m. t. y n., r. m.
25.8	25.8	25.7	23.5	23.6	23.6	21.3	19.6	14.8	Cn. m. y t., Ca. n., r. m.
25.9	25.9	25.7	23.6	23.7	23.7	21.4	19.6	14.5	Ca. m. y t., r. m., Jl. n., R. HN. n.
25.0	25.0	24.8	23.1	23.2	23.2	20.9	19.2	12.5	

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	53.3	58.3	10	24	48.3	9	18	22.9	27.7	17.7	32.0	9	15	14.4	10	24	6.7	14.4	47
2ª	53.1	58.7	17	24	46.5	13	17	21.0	27.6	13.3	31.2	19	15	6.5	15	5-6	11.8	14.2	83
3ª	56.0	62.9	24	10	46.6	22	3	22.6	29.1	15.4	34.1	31	15	6.4	24	5	11.3	14.0	81
MES	54.1	62.9	24	10	46.5	13	17	22.2	28.2	15.5	34.1	31	15	6.4	24	5	10.0	14.2	71

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h.	Km/h.		Km/h.			Km/h.				mm.	mm.		mm.		
1ª	75	100	7	37	1	15.1	20.5	9.0	NE	13	40	6	34	3	8-9	49	SW	9	23.50	38.7	16.9	3	13.5	3	3-4
2ª	61	100	20	25	14	10.6	18.6	4.4	N	15	84	16	41	16	7-8	56	N	16	7.17	1.2	1.2	16	-	-	-
3ª	63	100	24,26	16	22	12.2	19.6	4.2	NE	10	44	31	30	31	22-23	55	SW	31	22.10	0.0	-	-	-	-	-
MES	66	100	7,20, 24,26	16	22	12.6	20.5	4.2	NE	10	84	16	41	16	7-8	56	N	16	7.17	39.9	16.9	3	13.5	3	3-4

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	—	3	—	—	1	—	—	4	—	—	—	—	—	—	4	3	1
2ª	—	1	—	—	—	—	—	—	—	—	—	—	—	—	4	1	—
3ª	—	4	—	—	—	—	—	1	—	—	—	—	—	—	3	—	1
MES	—	8	—	—	1	—	—	5	—	—	—	—	—	—	11	4	2

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL
Vol. II FEBRERO 1947 N.° 2

RESUMEN MENSUAL

Tiempo lluvioso,caluroso y húmedo caracteriza los primeros cinco días del mes. La tensión del vapor alcanza valores notablemente altos, lo que junto con la gran nubosidad (todos estos días se registran como de cielo cubierto) impide la irradiación terrestre y con ello el placentero descenso nocturno de la temperatura.Se mantiene así la temperatura mínima diaria casi siempre por sobre los 20.0°C.El día 5 desciende la presión al nivel más bajo del mes y en la noche del 6 un frente frío pasa por el Observatorio portador de la única,pero fuerte tormenta del mes. Más de la mitad de la lluvia, 73 mm. , cae también en esta noche. El resto se registra en los días anteriores y en un frontal el día 8 ; vale decir, que el total de la precipitación se distribuye entre los primeros días del mes.

Con esta segunda ola de aire fresco,empieza el día 8 un período de buen tiempo que se mantiene hasta el 23.Y aunque al principio la máxima termométrica sea sólo de 23.5°C,el aire se recalienta en pocos días anotándose ya el 13 la temperatura máxima mensual con 33.5°C.En la misma noche llega nuevamente un frente frío,que no altera el estado del buen tiempo. La serie más prolongada en este verano de días consecutivos con temperaturas sobre 30.0°C empieza el 16.

El avance de una zona frontal desde el Sud clausura este período bueno y caluroso,cuando el 23 acusa nuevamente una temperatura de 33.5°C.La gran nubosidad de los días 24 y 25 desaparece el 26 con un fuerte ascenso de la presión atmosférica. La temperatura desciende el 27 hasta su valor mínimo de 9.8°C, registrándose al mismo tiempo el valor barométrico más alto del mes.Finaliza así el mes con alta presión y tiempo bueno y fresco.

Excepto estos últimos días, se encuentra la región de Buenos Aires durante todo el mes en el límite del anticiclón atlántico; el promedio mensual de la presión fué así de 1 mb inferior al importe normal; el de la temperatura empero de 1.2°C superior al susodicho importe,causado sin duda por la gran cantidad de horas de brillo solar.El promedio de la heliofanía relativa,en efecto,es en este mes de 74%,vale decir, un 8% mayor que el del mes anterior.

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	90	64	64	48	48	56	72
2	- 6	+∞	+∞	8	14	5	+∞	35	49	38	16	12	14	+∞	+∞
3	38	36	36	38	54	72	30	-	-	-	-	-	-	-	-
4	6	8	10	10	12	8	24	26	22	10	8	8	8	6	8
5	16	14	16	24	34	40	96	4	44	50	-24	+∞	48	+∞	60
6	-	-	-	-	-	-	-	58	64	60	77	80	88	94	90
7	78	82	56	62	62	82	-	+∞	+∞	+∞	+∞	149	169	116	140
8	84	80	98	62	40	76	40	116	106	147	92	32	52	48	124
9	82	86	66	64	68	100	-	+∞	+∞	+∞	104	56	52	60	76
10	56	32	24	32	28	28	+∞	114	96	108	80	88	72	76	72
11	64	52	48	56	52	62	140	100	100	100	66	64	60	56	58
12	56	48	64	60	60	78	144	140	112	76	70	74	74	68	62
13	62	48	28	44	42	40	100	136	112	92	92	84	100	98	80
14	34	50	42	30	40	42	90	42	72	74	68	62	60	62	66
15	64	48	52	70	48	39	80	92	116	120	147	163	104	80	132
16	72	92	88	87	39	26	41	22	28	38	46	50	52	58	52
17	38	34	32	36	34	32	68	56	48	48	64	66	48	48	60
18	34	46	-10	10	12	16	12	6	18	34	54	60	64	54	54
19	48	48	60	50	52	32	112	+∞	78	-	-	-	38	50	64
20	68	48	36	48	60	34	64	58	60	58	72	94	-∞	-∞	-∞
21	56	34	36	34	32	62	86	+∞	124	108	72	60	50	52	48
22	84	92	84	76	60	72	142	+∞	194	155	181	186	151	86	66
23	92	84	64	46	44	34	44	44	58	64	62	64	54	52	52
24	-100	-18	±∞	34	36	4	±∞	±∞	-80	112	112	76	84	112	108
25	48	46	58	50	48	44	64	50	50	60	60	66	56	34	12
26	32	34	24	22	20	-	-	-	-	181	182	111	76	62	56
27	52	24	8	18	8	8	10	18	72	118	104	105	110	86	86
28	-	-	-	-	-	-	-	8	20	56	46	50	54	52	74
29															
30															
31															
Prom.	57.3	55.8	45.3	48.8	41.2	41.0	79.9	70.9	73.8	71.8	74.3	76.3	68.4	64.0	68.4

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	7.21	6.54	13.75	1.09	5.61	4.90	10.51	1.15	0.98	0.91	1.89	1.08	0.82	0.73	1.55	1.12
2	3.96	5.94	9.90	0.66	4.76	6.05	10.81	0.78	0.58	0.64	1.22	0.91	0.66	0.75	1.41	0.88
3	3.80	4.97	8.77	0.76	2.56	3.00	5.56	0.85	0.48	0.53	1.01	0.90	0.20	0.22	0.42	0.91
4	1.72	0.48	2.20	3.83	6.31	7.67	13.98	0.82	0.23	0.29	0.52	0.79	0.67	0.81	1.48	0.83
5	11.67	11.88	23.55	0.98	11.83	12.34	24.17	0.96	1.36	1.42	2.78	0.96	1.58	1.65	3.23	0.96
6	7.56	8.37	15.92	0.90	6.30	6.83	13.13	0.93	0.88	0.96	1.84	0.92	0.74	0.79	1.53	0.94
7	2.64	2.25	4.89	1.17	2.73	2.65	5.38	1.03	0.29	0.31	0.60	0.94	0.34	0.40	0.74	0.85
8	-	-	-	-	-	-	-	-	0.46	1.06	1.52	0.43	-	-	-	-
9	12.49	8.79	21.28	1.40	8.01	9.32	17.33	0.87	1.28	1.04	2.32	1.23	1.27	1.29	2.56	0.98
10	9.51	9.05	19.02	1.00	9.44	12.38	21.82	0.76	1.10	1.14	2.24	0.96	0.94	1.46	2.40	0.64
11	8.08	8.44	16.51	0.96	5.84	6.66	12.50	0.89	1.13	1.03	2.16	1.10	0.87	1.03	1.90	0.84
12	-	-	-	-	7.84	5.20	13.04	1.51	-	-	-	-	1.11	0.71	1.82	1.56
13	8.60	8.62	17.22	1.00	-	-	-	-	1.10	1.14	2.24	0.96	-	-	-	-
14	4.44	9.13	13.57	0.49	8.90	8.97	17.87	0.99	0.78	1.06	1.84	0.74	1.32	1.27	2.59	1.04
15	7.70	2.54	10.24	3.03	5.57	4.17	9.75	1.34	0.34	0.32	0.66	1.06	0.73	0.61	1.34	1.20
16	12.00	12.35	24.35	0.98	14.76	12.30	27.05	1.21	1.62	1.58	3.20	1.02	2.02	1.93	3.95	1.05
17	7.77	11.88	19.65	0.65	7.40	8.90	16.29	0.83	1.48	1.50	2.98	0.99	1.01	1.15	2.16	0.88
18	10.54	10.43	20.97	1.01	4.57	5.53	10.10	0.84	1.52	1.42	2.94	1.07	0.90	0.94	1.84	0.96
19	2.97	3.90	6.87	0.77	4.85	6.74	11.59	0.73	0.32	0.32	0.64	1.00	0.74	0.88	1.62	0.84
20	5.75	6.70	12.44	0.86	8.54	9.38	17.92	0.92	0.79	0.87	1.66	0.91	0.86	1.01	1.87	0.85
21	5.62	6.40	12.02	0.88	Ru	-	-	-	0.74	0.81	1.55	0.91	1.01	1.47	2.48	0.69
22	3.97	3.74	7.71	1.06	10.27	8.83	19.10	1.17	0.43	0.44	0.87	0.98	1.19	1.20	2.39	0.99
23	10.24	11.47	21.71	0.89	11.28	11.28	22.57	1.00	1.29	1.44	2.73	0.90	1.65	1.67	3.32	0.99
24	10.57	11.31	21.88	0.93	2.45	3.70	6.14	0.65	1.14	1.37	2.51	0.83	0.25	0.32	0.57	0.78
25	10.36	11.07	21.43	0.93	Ru	-	-	-	1.25	1.30	2.55	0.96	0.79	0.65	1.44	1.22
26	4.16	4.07	8.23	1.04	8.81	8.34	17.55	1.01	0.52	0.63	1.15	0.82	1.27	1.42	2.67	0.89
27	5.53	6.53	12.06	0.85	6.80	9.20	16.00	0.74	0.76	0.82	1.58	0.93	1.18	1.12	2.30	1.05
28	9.54	9.28	18.82	1.02	11.63	11.56	23.19	1.01	1.22	1.24	2.46	0.98	1.43	1.74	3.17	0.82
29																
30																
31																
Prom.	7.25	7.54	14.81	1.12	7.38	7.74	15.14	0.96	0.89	0.95	1.84	0.94	0.98	1.05	2.03	0.95

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
88	104	98	92	56	68	54	32	20		179	-218	397	1*
6	10	20	14	16	12	40	68	52		∞	-229	-	2*
-	-	-	-	-	-	-	-	-		∞	-28	-	1*
10	12	12	8	6	6	6	14	20		48	0	48	1
64	68	62	60	64	58	58	58	±∞		∞	-∞	-	2*
98	92	120	80	62	68	72	102	104		147	38	109	0*
155	88	147	153	+∞	128	116	124	96		∞	40	-	0*
76	28	-	-	-	62	68	68	70		∞	-∞	-	2*
72	74	72	68	66	138	96	40	40		∞	-20	-	1*
52	46	42	-	-	68	72	52	80		∞	0	-	0*
48	56	70	46	36	33	34	54	70	63.5	221	16	205	0
52	48	40	36	66	62	28	56	48	67.6	202	-16	218	1
66	60	62	78	70	68	64	54	42	71.8	233	8	225	0
68	64	62	80	86	72	120	204	88	65.8	179	16	163	0
100	84	90	78	153	144	64	72	80	92.5	202	20	182	0
50	56	60	80	144	96	54	46	42	59.1	194	0	194	0
58	50	60	54	56	56	14	32	38	47.1	92	4	88	0
62	58	60	68	56	28	22	34	32	36.8	112	40	152	1
30	6	-32	4	42	+∞	28	32	36		∞	-116	-	2*
-∞	-∞	-∞	74	159	194	210	155	92		∞	-∞	-	3*
32	-	-	-	-	38	56	92	80		∞	-∞	-	3*
58	52	48	58	54	70	98	120	100		∞	0	-	0*
48	56	60	50	76	88	60	56	-60	53.8	223	-∞	-	1
136	184	101	98	102	157	112	112	72		∞	-∞	-	3*
-80	-182	Ru	Ru	Ru	Ru	16	14	24		∞	-∞	-	3*
58	60	60	40	62	84	155	128	72		221	10	211	0*
76	70	56	56	40	46	-	-	-		167	-60	227	1*
62	50	62	94	108	52	60	64	50		171	-6	177	1*
61.3	59.1	62.7	63.3	82.6	71.9	51.1	56.4	42.2	62.0				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
46	48	102	3.02	5.27	784	616	1400	1.27	-	-
12	12	20	0.49	0.94	389	603	992	0.64	-	0.14
-	-	-	-	-	360	429	789	0.84	-	1.15
-	-	-	-	-	153	243	396	0.63	-	3.79
-110	+∞	64	-	6.89	111	876	987	0.13	-	2.09
76	79	120	4.84	6.12	817	622	1439	1.31	-	0.72
-	179	140	3.58	3.45	490	379	869	1.29	0.83	0.74
86	44	-	2.23	-	368	373	741	0.99	-	0.18
68	60	76	4.64	6.48	616	312	928	1.97	-	-
80	92	44	6.87	3.52	779	563	1342	1.38	0.34	-
64	68	76	4.90	4.81	767	452	1219	1.70	-	-
70	76	40	-	2.43	775	605	1360	1.28	1.80	-
92	88	62	6.57	-	914	536	1450	1.70	1.13	1.49
64	60	64	3.68	5.52	1002	610	1612	1.64	0.44	-
159	167	96	3.67	4.29	547	247	794	2.21	1.04	-
48	44	52	4.69	6.85	1136	972	2108	1.17	0.89	1.68
68	60	56	5.96	4.03	1188	779	1967	1.52	1.13	-
56	56	60	5.49	3.68	909	536	1445	1.70	1.32	-
-	-	-50	-	-2.70	427	191	618	2.24	1.39	1.41
72	84	-∞	4.65	-	914	538	1452	1.70	1.07	0.20
64	68	Ru	3.51	-	796	624	1420	1.28	-	2.01
181	204	52	5.92	4.14	672	482	1154	1.39	0.40	-
64	64	64	5.82	7.08	695	1488	2183	0.47	0.98	1.63
104	84	124	7.03	2.36	1077	664	1741	1.62	0.88	-
60	68	Ru	5.78	-	939	511	1450	1.84	-	-
167	124	60	6.40	5.34	664	538	1202	1.23	0.39	-
108	112	60	5.90	4.60	1031	786	1817	1.31	0.47	-
46	44	50	3.61	5.28	1048	635	1683	1.65	0.16	0.49
73	83	65	4.75	4.30	727	579	1306	1.36	0.86	1.35

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	54.6	53.6	53.1	53.1	53.0	53.3	53.9	54.3	54.3	55.1	55.1	55.2	54.6	54.1	53.1
2	53.5	53.7	55.4	55.2	55.2	55.8	55.6	55.7	54.8	54.4	53.7	53.6	53.7	56.2	53.5
3	55.1	55.4	55.1	54.6	55.1	55.3	55.2	55.4	55.7	56.4	56.3	56.3	56.3	55.8	55.4
4	55.5	55.2	55.1	54.7	54.4	54.4	54.9	55.1	55.1	55.1	55.1	54.8	54.2	53.4	53.0
5	52.6	52.3	51.7	51.7	51.8	51.6	51.9	51.8	51.6	51.5	51.3	50.9	50.2	49.0	48.2
6	45.7	45.1	46.2	47.8	48.8	49.6	51.0	51.6	51.5	51.9	52.2	52.2	52.1	52.2	52.1
7	56.4	56.8	57.0	57.3	58.2	57.5	58.9	59.0	58.9	59.3	59.7	59.4	59.3	59.2	58.8
8	59.2	58.4	58.0	58.0	58.0	57.5	57.0	57.0	57.1	57.6	57.7	57.0	57.0	56.7	56.2
9	57.6	57.4	57.4	57.4	57.5	57.6	58.0	58.2	58.2	58.3	58.3	58.1	57.6	57.2	56.7
10	56.5	56.4	56.3	56.3	56.3	56.3	56.2	56.2	56.0	56.0	56.0	55.7	55.5	54.7	54.5
11	55.3	55.5	55.9	56.3	56.5	56.6	56.9	57.0	56.9	56.8	56.5	55.8	55.6	54.8	54.2
12	54.2	54.0	54.0	53.9	54.0	54.2	54.4	54.4	54.3	54.1	53.9	53.6	53.2	52.8	52.4
13	53.0	53.1	53.1	53.2	53.5	53.7	54.0	54.0	54.2	54.4	54.4	54.3	54.1	54.0	53.7
14	56.1	56.4	56.4	56.4	56.8	57.4	58.1	58.6	58.5	58.4	58.2	57.9	57.8	57.6	57.7
15	59.4	59.3	59.1	59.0	58.9	59.4	60.0	59.9	59.9	59.9	59.9	59.4	59.1	58.6	58.2
16	57.0	56.9	56.9	57.0	57.3	57.7	57.8	57.8	57.5	57.3	57.0	56.8	56.3	55.9	55.5
17	57.4	57.5	57.2	57.0	57.0	57.2	57.3	57.2	57.2	57.1	56.6	56.3	56.0	55.6	55.1
18	56.3	56.1	56.1	56.3	56.6	57.2	57.5	57.8	58.0	58.0	57.6	57.2	57.1	56.6	56.2
19	58.1	58.0	58.0	58.0	58.0	58.2	58.9	59.1	59.2	59.2	59.1	58.9	58.4	57.8	57.3
20	57.2	57.1	56.8	56.7	56.6	56.9	56.9	57.3	57.4	57.4	57.1	56.3	55.9	55.3	54.8
21	53.5	53.5	53.5	53.5	53.6	54.0	54.0	54.2	54.1	54.1	54.0	53.6	53.4	52.8	52.4
22	55.1	55.0	55.2	55.3	55.5	56.0	56.6	57.1	57.1	57.0	57.0	56.7	56.4	56.0	55.8
23	57.0	56.9	57.1	57.2	57.4	57.5	57.6	57.9	57.9	58.0	57.7	57.3	57.1	56.7	56.3
24	59.4	59.3	57.4	57.9	57.9	58.2	59.9	59.3	58.8	58.5	58.3	58.4	57.9	57.6	56.9
25	55.3	54.7	55.1	55.1	55.8	55.7	56.0	55.7	55.7	55.4	55.0	54.4	54.3	53.4	52.3
26	56.1	56.3	56.6	56.8	57.2	58.1	58.5	58.6	58.8	58.9	59.0	59.1	59.0	58.8	58.6
27	60.8	60.8	61.0	60.8	60.9	61.4	61.6	62.3	62.4	62.5	62.1	62.0	61.8	61.3	60.8
28	60.4	60.3	60.5	60.7	60.8	61.1	61.6	61.6	61.4	61.2	61.1	60.7	60.3	59.8	59.2
29															
30															
31															
Prom	56.0	55.9	55.9	56.0	56.2	56.4	56.8	56.9	56.9	56.9	56.8	56.5	56.2	55.8	55.3

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	21.8	21.7	21.8	21.7	22.1	22.4	23.0	23.2	23.2	24.2	26.0	26.0	26.6	27.7	27.6
2	24.8	24.1	24.0	23.9	23.6	22.8	21.8	22.4	24.7	27.4	29.6	30.2	27.3	21.4	22.2
3	23.1	23.0	22.9	22.5	22.4	22.4	22.5	23.2	23.1	23.1	24.5	24.0	24.0	23.8	24.6
4	22.3	21.9	21.4	21.0	21.0	20.7	22.1	24.4	26.2	26.5	27.5	28.1	28.7	29.6	29.8
5	23.9	23.7	23.3	23.3	23.3	23.4	24.0	25.2	26.8	28.5	27.9	28.0	28.9	30.6	31.3
6	21.1	19.6	19.7	19.8	19.9	19.9	19.9	21.0	23.0	24.5	25.6	26.7	27.6	28.2	28.2
7	17.0	16.3	15.3	15.3	14.7	14.6	17.5	20.6	23.5	23.4	26.3	26.8	27.0	26.6	26.0
8	18.5	18.5	18.6	18.5	18.4	18.7	18.8	19.2	19.4	20.3	21.9	21.9	22.7	22.6	22.7
9	15.6	15.7	15.6	15.6	15.3	15.5	15.8	16.0	16.4	18.4	20.7	22.2	24.1	25.6	25.3
10	16.1	16.3	16.4	16.4	16.4	16.4	18.6	21.5	24.0	25.7	26.2	26.8	27.2	27.8	27.6
11	18.1	17.8	17.4	17.0	16.4	16.7	19.2	23.6	25.3	26.7	28.0	28.5	28.9	29.8	29.8
12	19.5	19.0	18.8	18.8	18.6	18.6	21.0	25.0	27.4	28.6	29.5	30.1	30.8	31.7	31.8
13	22.1	21.6	20.9	20.6	20.6	20.0	21.0	26.1	28.3	29.5	30.7	31.5	32.1	33.1	32.7
14	18.6	18.5	19.6	19.3	18.9	18.4	18.5	20.3	22.2	25.0	27.0	28.4	28.8	29.4	29.6
15	16.8	15.7	14.5	13.7	13.4	13.5	14.8	18.4	21.4	23.7	25.1	26.2	27.6	28.3	28.2
16	21.4	20.7	20.8	20.8	20.9	20.7	21.6	24.4	26.2	27.5	28.4	28.4	29.9	30.0	29.8
17	22.5	21.9	21.5	21.0	20.9	20.9	21.6	24.2	25.2	27.0	28.0	29.2	29.6	30.0	30.5
18	21.3	20.7	20.9	21.0	20.7	20.5	21.9	25.0	26.7	28.6	30.4	31.5	31.9	32.6	33.1
19	22.8	21.8	20.8	20.2	19.5	18.7	21.4	24.8	27.9	28.6	30.0	30.3	30.0	31.0	31.2
20	21.4	21.1	21.0	21.1	21.1	20.7	21.6	24.8	26.1	26.8	27.9	29.1	30.6	29.3	26.5
21	22.2	21.9	21.8	21.0	20.3	20.2	20.4	24.6	25.9	27.5	28.8	29.7	31.0	30.7	30.9
22	17.8	17.5	17.5	17.6	17.6	17.7	18.4	21.7	23.6	25.3	26.6	27.3	28.5	29.2	29.1
23	18.6	18.7	18.8	18.5	18.3	18.2	19.2	24.3	26.9	28.7	30.0	30.8	31.9	32.8	32.9
24	25.3	25.4	25.6	25.7	20.3	20.5	20.5	21.9	23.9	26.5	28.3	26.4	25.8	26.4	26.5
25	21.6	21.2	21.5	21.7	21.8	21.8	21.9	24.2	25.1	26.3	26.8	28.1	29.0	29.3	29.4
26	17.0	16.2	15.1	14.8	14.3	13.9	14.3	17.2	19.5	20.9	22.3	23.0	23.5	23.8	23.8
27	12.3	12.2	11.3	12.4	12.3	11.7	12.8	17.4	18.2	20.7	22.5	23.5	25.1	26.0	26.1
28	17.0	17.2	17.3	16.9	16.4	16.5	17.9	20.4	22.0	23.9	25.1	26.1	27.1	27.6	27.9
29															
30															
31															
Prom	20.0	19.6	19.4	19.3	18.9	18.8	19.7	22.3	24.0	25.5	26.8	27.5	28.1	28.4	28.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
52.5	53.1	54.2	54.8	54.8	54.6	54.4	54.0	53.6	55.2	12	52.5	16	2.7	754.0 mm.	1005.3 mb.
53.5	53.2	53.4	54.4	55.0	55.5	55.2	55.2	55.0	56.2	14	53.2	17	3.0	54.6	1006.1
55.0	54.4	54.7	55.0	55.0	54.7	55.5	56.1	56.0	56.4	10	54.4	17	2.0	55.4	1007.2
52.7	52.2	51.8	52.0	52.4	52.9	52.6	52.5	52.6	55.5	1	51.8	18	3.7	53.8	1005.0
47.5	46.6	46.3	45.9	46.2	46.0	46.4	46.3	44.2	52.6	1	44.2	24	8.4	49.3	999.0
52.2	52.1	52.6	53.0	53.6	54.4	54.9	55.5	55.8	55.8	24	45.1	2	10.7	51.4	1001.8
58.7	58.5	58.4	58.3	58.4	58.9	58.9	59.2	59.2	59.7	11	56.4	1	3.3	58.5	1001.3
55.9	55.5	56.9	56.0	57.1	57.6	58.0	58.1	58.0	59.2	1	55.5	17	3.7	57.3	1009.7
56.3	56.1	56.1	56.2	56.2	56.7	56.7	56.7	56.7	58.3	10-11	56.1	17-18	2.2	57.2	1009.6
54.1	54.1	54.2	54.7	55.2	55.8	55.9	55.9	55.1	56.5	1	54.1	16-17	2.4	55.6	1007.4
53.8	53.5	53.5	53.6	53.9	54.2	54.2	54.3	54.3	57.0	8	53.5	17-18	3.5	55.2	1006.9
52.1	51.8	51.7	52.1	52.3	53.0	53.2	53.1	52.8	54.4	7-8	51.7	18	2.7	53.3	1004.4
53.6	53.6	53.8	54.5	54.9	55.4	55.7	55.8	55.9	55.9	24	53.0	1	2.9	54.2	1005.6
57.5	57.4	57.5	57.9	58.2	58.9	59.2	59.2	59.6	59.6	24	56.1	1	3.5	57.8	1010.4
57.6	57.2	56.9	57.1	57.4	57.5	57.5	57.4	57.2	60.0	7	56.9	18	3.1	58.6	1011.4
55.5	55.4	55.3	55.4	55.9	56.0	56.4	56.4	56.8	57.8	7-8	55.3	18	2.5	56.6	1008.8
54.7	54.9	55.0	55.1	55.8	56.0	56.2	56.3	56.3	57.5	2	54.7	16	2.8	56.3	1008.4
56.1	56.1	56.1	56.5	57.0	57.7	58.4	58.4	58.0	58.4	23	56.1	2-3,16-18	2.3	57.0	1009.3
57.2	57.0	57.3	57.7	58.0	58.0	57.8	57.6	57.7	59.2	9-10	57.0	17	2.2	58.1	1010.8
55.0	54.2	53.7	54.0	54.2	54.0	54.0	54.0	53.8	57.4	9-10	53.7	18	3.7	55.7	1007.6
52.0	53.0	53.2	53.8	54.6	54.6	54.5	54.7	54.9	54.9	24	52.0	16	2.9	53.7	1004.9
55.8	55.7	55.8	55.1	56.5	56.9	56.9	57.0	57.1	57.1	7-8,24	55.0	2	2.1	56.2	1008.2
55.9	55.8	55.9	56.0	56.2	56.4	57.0	57.5	59.4	59.4	24	55.8	17	3.6	57.1	1009.4
56.7	56.5	56.6	56.3	56.4	56.4	56.2	55.9	55.6	59.9	7	55.6	24	4.3	57.6	1010.1
52.2	52.7	54.0	54.4	54.6	55.5	55.7	55.9	56.0	56.0	7,24	52.2	16	3.8	54.8	1006.4
58.5	58.8	58.8	59.1	60.0	60.0	60.1	60.5	60.7	60.7	24	56.1	1	4.6	58.6	1011.4
60.6	60.5	60.5	60.4	60.6	60.7	60.6	60.6	60.5	62.5	10	60.4	19	2.1	61.1	1014.8
58.8	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	61.6	7-8	58.6	17-18	3.0	60.0	1013.3
55.1	54.9	55.1	55.3	55.7	56.0	56.1	56.2	56.1	57.7		54.2		3.5	56.0	1008.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
29.6	29.9	29.0	27.2	25.7	25.4	25.3	25.2	25.2	29.9	17	21.7	2,4	8.2	25.1
22.5	24.3	24.4	23.6	23.2	22.7	22.8	22.8	22.9	30.2	12	21.4	14	8.8	24.1
24.9	25.3	25.1	24.5	24.0	23.4	23.5	23.5	23.1	25.3	17	22.4	5-6	2.9	23.6
29.6	28.9	27.3	26.6	25.2	24.8	24.7	24.4	23.2	29.8	15	20.7	6	9.1	25.2
31.1	31.2	30.1	28.7	27.8	26.5	26.4	26.1	25.1	31.3	15	23.3	3-5	8.0	26.9
28.0	26.9	25.6	23.2	21.0	20.0	19.3	19.2	18.3	28.2	14-15	18.3	24	9.9	22.8
24.8	23.8	23.1	21.8	19.8	19.7	19.2	18.7	18.4	27.0	13	14.6	6	12.4	20.8
22.4	21.6	18.5	17.4	17.4	17.4	17.1	16.6	16.1	22.7	13,15	16.1	24	6.6	19.4
25.8	25.9	25.2	26.4	18.6	17.6	16.8	16.5	16.4	26.4	19	15.3	5	11.1	19.5
26.9	26.6	25.3	22.9	20.5	19.4	18.8	18.4	18.3	27.8	14	16.1	1	11.7	21.5
29.7	29.4	27.6	25.2	22.7	21.8	21.0	20.1	19.8	29.8	14-15	16.4	5	13.4	23.4
32.0	31.8	30.9	27.8	25.6	24.3	23.7	23.2	22.5	32.0	16	18.6	5-6	13.4	25.5
31.9	31.7	30.6	26.1	23.0	21.6	20.4	19.6	19.2	33.1	14	19.2	24	13.9	25.6
29.3	28.7	26.4	23.6	20.3	19.1	19.2	18.8	17.7	29.6	15	17.7	24	11.9	22.7
28.4	28.2	27.0	23.9	21.2	20.6	20.7	21.1	21.5	28.4	16	13.4	5	15.0	21.4
29.8	29.9	28.9	26.7	24.4	23.8	23.4	23.4	23.1	30.0	14	20.7	2,6	9.3	25.2
30.2	29.8	28.6	26.5	24.2	23.6	23.1	22.4	22.0	30.5	15	20.9	5-6	9.6	25.2
32.7	31.6	29.7	27.5	25.1	25.1	24.7	24.7	24.2	33.1	15	20.5	6	12.6	26.3
31.2	29.6	28.2	26.2	25.1	24.3	23.9	23.0	22.2	31.2	15-16	18.7	6	12.5	25.5
23.8	23.9	24.7	23.0	22.0	22.3	22.3	22.3	22.3	30.6	13	20.7	6	9.9	24.0
31.3	22.8	21.9	21.3	20.8	20.4	19.2	18.7	18.2	31.3	16	18.2	24	13.1	23.8
29.4	28.4	27.5	24.8	22.2	21.2	20.6	19.7	19.1	29.4	16	17.5	2-3	11.9	22.8
32.8	31.4	28.9	26.8	24.6	23.7	22.7	22.2	21.6	32.9	15	18.2	6	14.7	25.1
26.8	26.6	25.8	24.3	23.7	22.8	22.3	22.0	21.6	28.3	11	20.3	5	8.0	24.4
28.5	22.8	21.4	19.6	19.6	18.3	17.9	17.5	17.6	29.4	15	17.5	23	11.9	23.0
23.4	23.0	21.8	17.8	15.6	14.7	13.8	12.8	12.0	23.8	14-15	12.0	24	11.8	18.1
26.1	25.5	23.4	20.9	18.6	17.7	17.1	16.6	16.0	26.1	15-16	11.3	3	14.8	18.6
27.9	27.3	26.5	23.8	21.4	21.1	20.9	21.2	21.3	27.9	15-16	16.4	5	11.5	22.1
28.2	27.4	26.2	24.2	22.3	21.5	21.1	20.7	20.3	29.1		18.1		11.0	23.3

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	16.0	15.5	16.0	16.5	15.0	14.5	15.0	17.1	16.0	17.0	16.5	16.5	16.0	14.5	17.0
2	18.0	20.5	20.5	21.5	17.5	19.0	18.0	17.3	16.5	18.0	20.5	21.5	19.5	18.2	17.0
3	18.0	19.0	19.0	19.5	19.5	18.5	18.5	18.9	18.0	18.0	18.5	19.0	19.0	20.4	19.0
4	19.5	19.0	18.5	18.0	18.0	17.5	18.0	20.0	19.5	20.0	19.5	19.0	21.0	20.3	21.0
5	21.5	21.0	20.5	20.5	20.5	20.5	21.5	22.6	20.0	21.0	21.5	20.0	21.5	21.0	21.0
6	18.0	15.5	15.5	16.5	16.5	16.5	16.0	16.1	15.0	15.5	15.0	15.0	14.0	14.9	13.5
7	11.0	10.5	11.0	10.5	10.5	10.5	10.5	11.6	13.5	9.0	10.5	9.5	10.0	10.4	10.5
8	13.0	13.5	13.5	13.5	14.5	14.5	14.5	15.0	14.5	15.5	15.0	16.0	15.5	17.9	16.5
9	12.5	12.5	12.5	12.5	12.5	12.5	13.0	13.2	12.5	13.0	17.5	14.0	15.0	14.3	13.5
10	13.0	13.0	13.5	12.5	12.5	13.5	14.5	14.7	13.5	12.5	12.0	12.5	12.5	12.9	13.0
11	12.5	13.0	12.5	13.0	12.5	13.5	14.5	15.2	15.0	15.0	14.5	15.0	14.0	15.6	14.5
12	14.5	15.0	14.5	14.5	14.5	14.5	16.0	17.8	17.0	16.5	17.5	16.5	20.5	17.6	16.5
13	18.0	17.5	17.5	17.5	16.5	17.0	16.0	16.6	16.5	13.0	12.0	13.0	13.0	12.5	12.0
14	13.5	13.5	13.0	14.5	15.0	14.5	15.5	16.1	16.0	17.0	17.5	15.0	14.0	13.0	10.0
15	13.0	12.0	11.0	11.0	11.0	11.0	12.0	13.3	13.5	14.5	13.5	13.0	14.0	16.1	10.5
16	18.5	17.5	17.5	16.0	16.0	16.5	16.5	17.8	18.0	18.5	18.0	16.5	18.0	16.2	14.5
17	17.5	17.5	16.5	17.0	17.5	17.5	17.5	17.7	17.0	17.5	16.0	15.5	14.5	13.7	12.0
18	17.0	16.5	17.5	16.0	16.5	16.5	18.0	18.9	18.5	18.0	17.0	16.0	15.0	15.7	14.0
19	19.0	18.0	16.5	16.0	16.0	15.5	17.5	19.4	18.5	18.0	18.0	18.5	18.0	17.1	16.0
20	16.5	17.0	17.0	16.0	16.0	16.5	15.5	15.8	17.0	16.0	16.0	14.0	17.0	14.7	14.5
21	16.0	16.0	17.0	17.0	16.0	16.0	16.5	16.3	16.5	17.0	17.0	16.0	15.5	15.6	15.5
22	14.0	13.5	13.5	13.5	14.5	14.5	15.0	16.1	15.5	15.0	14.0	14.0	13.5	13.4	12.5
23	15.5	14.5	14.5	15.5	15.0	15.0	14.5	16.8	21.5	16.5	18.0	19.0	15.0	14.8	14.0
24	17.0	18.5	17.5	19.0	14.5	14.5	14.5	15.0	13.5	13.5	16.5	17.0	15.5	16.6	18.5
25	17.5	16.0	14.5	16.5	18.0	18.0	17.0	16.2	14.5	14.5	13.5	14.5	15.5	15.3	16.0
26	13.0	13.0	12.0	11.5	11.0	10.5	11.0	11.9	11.0	11.5	9.5	7.8	8.0	8.2	8.0
27	9.5	9.5	9.0	9.5	10.0	10.0	10.5	10.4	9.0	9.5	9.5	9.0	8.5	9.5	9.5
28	10.0	10.5	11.0	11.5	12.0	12.0	13.0	12.6	13.0	12.5	13.5	13.0	12.5	12.4	11.5
29															
30															
31															
Prom.	15.5	15.3	15.1	15.2	15.0	15.0	15.4	16.1	15.7	15.5	15.6	15.2	15.2	15.1	14.4

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.5	18.0	17.0	18.0	15.4	18.5	19.5	20.5	18.5	20.5	23	14.5	6,14,16	6.0	16.6
16.5	16.0	18.5	19.0	18.9	19.0	19.0	19.0	19.0	21.5	4,12	16.0	17	5.5	18.7
19.0	18.5	18.0	20.0	20.3	19.5	19.5	19.5	20.5	20.5	24	18.0	1,9-10,18	2.5	19.1
20.5	20.0	20.5	22.5	23.1	22.5	22.5	22.0	20.5	23.1	20	17.5	6	5.6	20.1
21.0	21.0	21.0	19.5	19.2	20.0	19.5	19.5	19.5	22.6	8	19.2	20	3.4	20.6
14.5	13.5	14.0	15.0	15.1	16.0	15.0	13.5	13.5	18.0	1	13.5	15,17,23-24	4.5	15.2
11.0	11.5	11.0	11.0	12.7	13.0	13.5	14.0	13.5	14.0	23	9.0	10	5.0	11.3
15.5	15.5	15.5	13.5	14.2	13.5	13.0	13.0	12.5	17.9	14	13.0	1,22-23	4.9	14.6
10.5	11.5	12.5	18.5	13.8	13.0	13.0	13.5	13.5	18.5	19	10.5	16	8.0	13.4
12.5	12.0	12.5	14.0	14.6	13.5	14.0	13.5	12.5	14.7	8	12.0	11,17	2.7	13.1
14.5	14.5	14.0	14.5	16.2	16.0	16.0	15.0	15.0	16.2	20	12.5	1,3,5	3.7	14.4
16.5	18.5	19.0	20.0	19.7	18.5	18.0	17.5	17.5	20.5	13	14.5	1,3-6	6.0	17.0
13.0	13.0	13.5	17.0	15.6	14.5	14.5	14.0	14.5	18.0	1	12.0	11,15	6.0	14.9
9.5	11.0	10.5	11.0	12.9	12.5	13.5	14.0	13.5	17.5	11	9.5	16	8.0	13.6
9.0	12.0	13.5	14.5	15.0	14.5	15.5	16.0	17.5	17.5	24	9.0	16	8.5	13.2
14.5	15.0	15.5	16.0	16.4	15.5	14.5	15.5	17.0	18.5	1,10	14.5	15-16,22	4.0	16.5
13.5	14.5	15.0	16.0	17.7	16.5	18.5	17.5	18.0	18.5	22	12.0	15	6.5	16.3
15.5	16.5	16.0	17.0	16.5	18.0	19.0	19.0	20.5	20.5	24	14.0	15	6.5	17.0
14.0	13.0	12.0	13.0	15.6	15.0	17.0	17.0	16.0	19.4	8	12.0	18	7.4	16.4
17.0	17.0	18.0	18.0	17.1	15.5	15.5	16.5	15.5	18.0	18-19	14.0	12	4.0	16.2
14.5	13.5	13.0	13.5	13.5	13.5	14.5	14.0	13.5	17.0	3-4,10-11	13.0	18	4.0	15.3
13.0	13.5	15.5	15.5	15.7	15.5	15.5	15.5	16.0	16.1	8	12.5	15	3.6	14.5
14.0	14.5	15.5	16.0	16.6	15.5	16.5	16.0	12.0	21.5	9	12.0	24	9.5	15.7
19.0	18.5	19.0	17.5	17.4	18.0	17.5	16.0	17.5	19.0	4,16,18	13.5	9-10	5.5	16.8
15.0	13.5	14.5	14.5	14.4	14.5	14.0	13.5	14.5	18.0	5-6	13.5	11,17,23	4.5	15.2
8.0	7.8	8.0	9.5	9.3	9.0	9.0	8.5	9.5	13.0	1-2	7.8	12,17	5.2	9.6
10.5	10.0	11.0	11.5	13.2	11.5	11.0	11.5	11.0	13.2	20	8.5	13	4.7	10.2
11.5	12.5	12.0	13.5	14.6	13.5	12.0	12.5	13.5	14.6	20	10.0	1	4.6	12.4
14.2	14.5	14.9	15.7	15.9	15.6	15.7	15.6	15.6	18.2		12.8		5.4	15.3

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SE	4	N	7	NE	9	E	8	NE	8	NE	8	NE	11	NE	11	NE	15	N	12	10	29	N	3.19
S	7	SE	7	SE	6	SE	4	E	5	SE	3	E	9	E	9	E	8	E	6	8	60	SW	13.17
SE	7	SE	9	SE	7	E	7	E	9	E	10	E	7	E	4	E	1	SE	12	7	13	SE	8.18
NE	9	E	8	E	6	E	2	Calma	1	NE	5	NE	6	E	7	NE	7	E	8	4	12	NE	14.11
N	17	N	14	N	13	NE	8	N	12	N	14	N	12	N	12	SW	6	N	15	10	20	N	19.56
W	15	SW	13	SW	9	SW	4	SW	4	NW	3	NW	2	S	6	S	7	SW-W	9	11	95	NW	0.36
E	9	E	8	E	6	E	7	SE	6	SE	5	SE	7	SE	5	SE	3	SE	13	8	19	SE E	10.59 16.18
NE	5	NE	7	S	8	SE	6	E	2	NW	2	SW	5	SW	5	SW	4	S	9	4	10	NE	18.01
S	3	Calma	1	Calma	1	Calma	1	Calma	0	Calma	0	Calma	1	E	2	NE	3	SW	8	3	11	S	5.08
NW	20	NW	16	NW	11	N	6	N	3	N	4	E	5	N	3	N	10	N	18	10	29	NW	11.09
NW	11	NW	15	N	10	N	9	N	8	N	9	N	5	N	5	N	3	N	12	9	20	NW	10.13
NW	8	NW	6	NW	3	NW	4	Calma	1	NW	5	N	5	N	7	NW	5	NW	15	7	21	NW	9.11
S	9	S	9	SW	7	SW	3	SW	3	Calma	1	Calma	0	Calma	1	SW	3	SW	13	5	13	SW	14.59
S	9	S	10	S	7	SE	5	SE	2	Calma	1	SE	6	SE	4	SE	4	S	13	6	19	SW	12.31
SE	5	E	6	E	6	NE	4	Calma	1	E	4	E	5	E	7	E	5	SE	9	4	6	S E	12.12 15.57
NE	14	NE	12	E	6	E	6	NE	5	NE	7	NE	11	NE	11	NE	12	NE	13	12	22	N	7.41 12.01
NE	9	E	7	E	7	E	8	E	5	E	4	E	5	E	2	SE	2	NE	13	8	20	NE	12.58
NE	6	E	7	NE	9	NE	5	NE	6	E	8	E	5	E	6	E	6	NE	7	6	14	NE	17.04
SE	9	E	12	E	14	E	7	SE	9	E	7	E	9	E	6	E	7	E	11	5	17	E	17.16
S	8	SW	6	S	2	SE	4	SE	4	E	7	E	6	E	6	E	7	E	6	7	18	S	15.24
NW	9	SW	15	S	10	E	2	E	7	SE	2	S	2	S	3	S	2	NW	7	6	48	SW	16.32
S	4	S	3	SE	2	E	9	E	5	E	5	E	5	E	3	E	2	S	12	5	11	SE	13.40
NW	14	N	12	N	7	N	4	N	6	N	4	N	5	N	3	SE	12	N	13	9	30	SE	23.30
E	3	E	6	E	3	E	6	E	6	E	2	E	4	Calma	0	E	1	E	13	6	23	SE	0.09
NW	9	SW	15	SW	10	SE	10	S	4	S	5	S	4	S	4	S	5	SW	7	8	33	SW	16.39
S	7	S	6	SE	3	SE	3	SE	3	SE	3	SE	5	SE	3	SE	2	S	13	6	16	S	13.50
N	10	N	11	N	11	NE	8	NE	5	NE	6	NE	7	NE	7	NE	5	E	16	8	18	N	11.13
N	16	NE	14	NE	11	E	7	E	6	NE	6	NE	10	NE	9	NE	11	NE	15	13	21	NE	7.20
S		E		E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
7		7		7		11		7		8		10		10		8		N	120	7	DIRECCIÓN	DÍA	HORA
	9		9		7		6		5		5		6		5		6				W	6	de 0.30 a 0.45

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	12	147	7	72	1	8	2	9							1	9	1	245
2			4	39	6	42	5	23	5	32	3	47	1	6				189
3			2	10	8	58	12	80	2	15								163
4			7	50	8	38	4	11	2	7							3	108
5	15	206	7	27							1	6					1	240
6					1	28			3	26	9	89	9	126	2	5		274
7					7	64	13	96	4	29								189
8			2	12	4	15	5	22	9	39	3	14			1	2		104
9			1	3	1	2			5	21	8	36	2	10			7	77
10	18	194	2	8	1	5									3	47		254
11	12	90													11	132	1	223
12	7	44											1	7	15	129	1	181
13			1	2					3	25	13	67	1	4	2	11	4	111
14							6	23	13	114	4	16					1	154
15			1	4	7	39	9	39	6	24							1	107
16	6	103	13	151	3	17	2	7										278
17	3	21	13	121	7	38	1	2										182
18	3	22	7	41	5	32	1	3	4	18					3	29	1	146
19			2	10	11	79	6	31	2	5			1	2			2	129
20	4	39	4	35	6	37	4	18	2	10	1	6	1	5	2	13		163
21	1	7	4	19	1	2	2	5	5	23	1	15	1	10	7	60	2	143
22					6	29	6	32	12	50								111
23	13	125	3	19	3	17	1	12							4	48		221
24	1	7	3	22	13	73	3	25	1	9			1	7	1	15	1	158
25	2	10			1	2	1	10	5	22	2	25	6	51	7	72		192
26							11	64	13	91								155
27	16	40	6	38			1	4							1	12		194
28	7	118	15	185	2	13												316
29																		
30																		
31																		
SUMAS	120	1273	104	868	102	638	95	516	96	560	45	321	24	228	60	584	26	5007
% PREVAL POR VELOCIDAD	25.4		17.3		12.7		10.3		11.2		6.4		4.6		11.7		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		8		6		5		6		7		10		10		1	179

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	8	5	8	[illegible]	1		1	
1 - 2	5	5	5	4	3	3	1		2
2 - 3	4	7	3	3	5	3		2	1
3 - 4	3	9	1		5	3	2	3	2
4 - 5	4	7		2	8	1	3	1	2
5 - 6	5	8		3	9	1	2		
6 - 7	8	4		5	6	3	1		1
7 - 8	10	2	1	2	8	1	2		2
8 - 9	8		2	4	5	3	1	4	1
9 - 10	8	1	2	6	2	3		6	
10 - 11	9	1	2	5	2	2	2	5	
11 - 12	5	3	2	4	4	2	2	6	
12 - 13	6	2	3	5	3		3	6	
13 - 14	6	3	2	4	4	2	2	5	
14 - 15	3	5	4	4	4	1	2	4	1
15 - 16	3	5	2	4	7		1	6	
16 - 17	4	3	7	2	4	4		3	1
17 - 18	4	3	7	4	4	3		2	1
18 - 19	3	4	11	6		2		1	1
19 - 20	5	4	7	5	1	2			4
20 - 21	4	5	8	4	1			3	3
21 - 22	4	5	10	3	2	1		1	2
22 - 23	5	4	10	3	3	1			2
23 - 24	2	6	8	5	3	3		1	
SUMAS	120	104	102	95	96	45	24	60	26
% de frec. por dirección	17.8	15.5	15.2	14.1	14.3	6.7	3.6	8.9	3.9

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	28.5	23.9	0.37	10	0	4	
	10	35.9	26.5	0.76	10	0	4	
	12	39.2	38.2	0.89	10	0	4	
	14	38.0	28.7	0.76	10	0	5	
	15	41.5	29.5	0.98	9	4	5	
2	9	44.5	29.0	1.26	10	1	5	
	10	44.7	30.7	1.14	10	1	5	
	12	44.5	32.5	0.98	10	0	5	
	14				10	0	2	LL.
	15	38.5	25.7	1.04	10	1	5	
3	9	27.9	23.6	0.35	10	0	2	Ne.
	10	25.7	23.0	0.22	10	0	2	Ne.
	12	36.1	26.0	0.82	10	0	1	Ne.
	14				10	0	2	LL.,Ne.
	15	34.4	25.9	0.69	10	0	2	Ne.
4	9	45.4	29.8	1.27	7	1	2	N.
	10	31.5	26.6	0.40	10	0	1	N.
	12	43.2	31.0	0.99	10	0	1	N.
	14	52.1	33.7	1.50	7	2	2	N.
	15	51.5	34.0	1.42	9	0	2	N.
5	9	44.6	31.0	1.10	8	0	5	
	10	54.0	33.9	1.63	8	3	5	
	12	44.2	30.7	1.10	10	0	5	
	14	53.4	34.5	1.54	8	2	5	
	15	52.5	35.2	1.41	4	3	5	
6	9	49.9	28.5	1.74	1	5	5	
	10	53.0	31.0	1.79	1	5	5	
	12	55.5	33.0	1.83	1	5	5	
	14	53.8	33.0	1.69	2	5	3	
	15	53.8	33.0	1.69	0	5	5	
7	9	49.3	28.2	1.72	0	5	4	
	10	52.5	30.5	1.79	1	5	4	
	12	52.5	31.7	1.69	8	0	5	
	14	46.0	30.0	1.30	8	3	5	
	15	50.5	30.7	1.61	8	3	5	
8	9				10	0	3	Z.
	10	27.0	21.5	0.45	10	0	3	B.
	12				10	0	4	Z.
	14				10	0	4	LL.
	15	41.0	25.0	1.30	9	3	5	
9	9	30.0	19.5	0.85	10	0	3	B.
	10	37.0	22.4	1.19	10	0	4	
	12	54.3	31.0	1.89	3	5	5	
	14	54.3	31.0	1.89	3	5	5	
	15	53.5	31.0	1.75	5	3	5	
10	9	50.1	29.0	1.72	0	5	5	
	10	51.8	30.5	1.73	3	5	5	
	12	55.1	32.0	1.88	5	3	5	
	14	56.0	32.7	1.89	5	3	5	
	15	54.2	32.2	1.79	5	5	5	
11	9	51.8	30.8	1.71	0	5	5	
	10	54.0	32.3	1.76	0	5	5	
	12	55.5	34.0	1.75	0	5	5	
	14	50.4	34.5	1.29	0	5	5	
	15	53.7	34.1	1.59	0	5	5	
12	9	53.0	32.5	1.67	0	5	5	
	10	55.5	34.0	1.75	0	5	5	
	12	58.3	36.0	1.81	2	5	5	
	14	45.7	33.7	0.98	5	3	5	
	15	56.7	36.2	1.65	4	3	5	
13	9	54.0	23.5	1.67	1	5	5	
	10	57.0	35.0	1.79	1	5	5	
	12	58.0	37.0	1.71	2	5	5	
	14	59.1	37.5	1.76	3	5	5	
	15	58.0	37.2	1.69	3	5	5	
14	9	46.7	27.3	1.58	9	3	4	B.
	10	52.5	30.0	1.83	0	5	5	
	12	56.0	34.0	1.79	0	5	5	
	14	55.7	34.0	1.76	0	5	5	
	15	54.8	33.5	1.73	0	5	5	
15	9	48.9	26.6	1.84	0	5	5	
	10	51.0	28.2	1.85	0	5	4	
	12	52.1	31.0	1.72	10	4	4	
	14	54.6	32.9	1.76	8	3	2	
	15	46.3	30.9	1.25	8	3	5	
16	9	52.0	31.3	1.68	4	5	5	
	10	54.0	32.7	1.73	2	5	5	
	12	54.7	34.2	1.67	5	3	5	
	14	56.2	35.0	1.72	6	3	5	
	15	56.6	35.0	1.76	4	5	5	
17	9	49.5	30.0	1.58	3	5	5	
	10	55.7	33.0	1.84	5	5	5	
	12	60.7	35.7	–	7	5	5	
	14	54.0	34.9	1.55	2	5	5	
	15	54.0	54.3	1.60	2	5	5	
18	9	52.5	32.5	1.63	0	5	5	
	10	56.0	34.5	1.75	3	5	5	
	12	57.5	36.0	1.75	6	3	5	
	14	58.0	37.6	1.66	4	3	5	
	15	39.0	31.5	0.61	4	3	5	
19	9	53.5	32.1	1.74	5	5	4	
	10	53.7	33.0	1.68	6	4	3	
	12	56.5	35.6	1.70	8	1	3	B.
	14	55.8	35.6	1.64	2	4	3	B.
	15	54.0	35.2	1.53	1	4	4	
20	9	41.2	28.7	1.01	9	1	5	
	10	52.7	32.6	1.63	8	3	5	
	12	58.0	35.6	1.82	2	5	5	
	14	42.5	31.5	0.89	8	0	5	
	15	31.3	26.4	0.40	9	0	5	
21	9	51.2	31.2	1.63	2	5	5	
	10	53.8	33.2	1.67	9	4	5	
	12	50.3	33.5	1.36	8	4	5	
	14	51.5	34.2	1.41	9	3	5	
	15	54.5	35.0	1.58	3	5	5	
22	9	49.5	28.5	1.71	1	5	5	
	10	52.2	30.5	1.76	1	5	5	
	12	55.1	33.6	1.75	1	5	5	
	14	56.4	33.4	1.87	3	5	5	
	15	38.4	29.5	0.72	3	3	5	
23	9	50.1	31.0	1.55	0	5	5	
	10	54.0	33.7	1.65	0	5	5	
	12	55.7	36.0	1.60	0	5	5	
	14	56.4	37.8	1.51	3	5	5	
	15	56.0	37.0	1.54	3	5	5	
24	9	37.0	27.0	0.81	10	0	4	
	10	46.5	30.5	1.30	10	2	5	
	12	34.4	26.5	0.64	10	0	5	
	14	37.2	37.7	0.77	10	0	5	
	15	34.6	27.2	0.60	10	0	5	
25	9	39.0	27.4	0.94	4	3	5	
	10	53.0	32.0	1.71	2	5	5	
	12	54.8	33.5	1.73	2	5	5	
	14	50.2	33.5	1.36	5	3	5	
	15	38.4	30.0	0.68	8	3	5	
26	9	46.0	24.2	1.77	0	5	5	
	10	49.2	26.5	1.84	0	5	5	
	12	52.0	28.6	1.90	3	5	5	
	14	51.5	29.2	1.81	2	5	5	
	15	50.5	28.9	1.76	1	5	5	
27	9	45.8	24.2	1.76	8	4	5	
	10	48.8	26.5	1.81	5	5	5	
	12	52.5	29.8	1.84	1	5	5	
	14	53.0	30.8	1.80	1	5	5	
	15	51.7	30.7	1.71	1	5	5	
28	9	47.8	26.9	1.70	0	5	5	
	10	51.3	29.2	1.80	0	5	5	
	12	50.2	30.7	1.58	5	3	5	
	14	53.7	32.5	1.72	1	5	5	
	15	52.6	32.2	1.66	0	5	5	
29	9							
	10							
	12							
	14							
	15							
30	9							
	10							
	12							
	14							
	15							
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H. EFECTIVA	H. TEÓR. ASTRON.	H. RELATIVA
1										0.1	1.0	1.0	1.0	0.4	3.5	13.8	25
2			0.1	0.4	0.3	0.5	0.6			0.5	0.1	0.9	0.1		3.5	13.7	26
3												0.2			0.2	13.7	01
4			0.4	0.6	0.8	0.4	0.6	0.5	0.8	1.0	1.0	1.0	0.2		7.3	13.7	53
5		0.7	0.5	1.0	0.4	0.4	0.7	0.6	1.0	0.7	1.0	0.1			7.1	13.6	52
6		0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.6	13.6	85
7	0.2	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.7	0.1	0.1	0.4	0.5	9.7	13.6	71
8										0.3					0.3	13.6	02
9				0.1	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	8.6	13.5	64
10		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.4	13.5	92
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	0.5	12.6	13.5	93
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	12.4	13.4	93
13		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.5	13.4	93
14	0.1	0.8		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.9	13.4	81
15		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.4	12.2	13.4	91
16		0.6	0.8	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.3	11.5	13.3	86
17		1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.2	12.1	13.3	91
18		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	12.1	13.3	91
19		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.1	13.2	92
20		1.0	1.0	0.8	0.6	1.0	1.0	1.0	0.9	0.1		0.3	0.4		8.1	13.2	61
21		0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	0.2			9.3	13.2	70
22		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.3	11.8	13.1	90
23		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	13.1	89
24					0.2							0.1			0.3	13.0	02
25			0.4	0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.7		0.2		8.0	13.0	62
26		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.1	13.0	93
27		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	12.9	95
28		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	12.9	93
29																	
30																	
31																	
Medias	0.0	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.2	9.2	13.4	69

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	25.7	27.3	27.0	25.0	25.8	26.1	24.8	24.7	25.0	25.2	24.9	25.0	26.1	25.8	25.9
2	25.6	27.4	26.5	25.0	26.3	25.6	24.4	24.6	20.8	24.8	24.6	24.8	25.8	25.6	25.6
3	25.5	26.0	26.4	24.7	25.1	25.5	24.2	24.2	24.6	24.6	24.4	24.6	25.6	25.5	25.5
4	25.0	28.2	27.7	24.5	26.3	26.7	24.0	24.6	25.3	24.4	24.4	24.8	25.4	25.4	25.4
5	26.4	28.6	28.5	25.5	26.7	27.1	24.8	25.2	25.7	25.0	24.9	25.2	25.7	25.7	25.7
6	24.6	29.0	26.8	25.9	26.8	26.2	23.8	24.4	25.2	24.6	24.6	25.0	25.9	25.8	25.7
7	23.5	27.4	25.4	23.6	25.8	25.2	23.9	24.1	24.5	24.6	24.4	24.6	25.8	25.7	25.6
8	24.0	24.7	23.4	23.6	24.1	22.5	23.6	23.5	22.7	24.2	24.0	23.8	25.5	25.4	25.2
9	22.0	25.6	24.4	21.7	23.9	24.1	22.0	22.3	23.2	23.1	23.0	23.2	24.8	24.7	24.5
10	22.6	26.7	25.1	22.2	24.6	24.4	22.4	22.8	23.4	23.2	23.2	23.4	24.7	24.6	24.6
11	23.3	27.8	26.4	22.8	25.7	25.5	22.7	23.4	24.2	23.4	23.4	23.9	24.7	24.7	24.7
12	24.0	28.7	27.8	23.6	26.4	26.6	23.4	24.1	25.1	24.0	24.0	24.5	25.0	25.0	25.1
13	25.6	29.3	27.5	24.9	27.4	26.9	24.5	25.1	25.8	24.7	24.8	25.2	25.4	25.6	25.7
14	24.8	28.2	26.5	24.5	26.8	26.1	24.6	24.8	25.4	25.0	24.9	25.2	25.9	26.0	25.9
15	23.5	27.6	26.2	23.4	25.9	25.7	23.9	24.3	24.8	24.8	24.6	24.6	26.0	25.8	25.7
16	25.1	28.3	27.2	24.5	26.4	26.2	24.3	24.8	25.3	24.7	24.8	25.0	25.8	25.8	25.6
17	25.1	30.3	28.1	24.6	27.7	27.1	24.3	25.1	25.9	24.9	25.0	25.3	26.0	25.8	26.0
18	25.4	31.0	28.7	25.0	28.4	27.8	24.9	25.6	26.4	25.3	25.2	25.5	26.3	26.2	26.2
19	25.8	31.0	28.6	25.3	28.4	27.7	25.3	26.0	26.6	25.7	25.6	26.0	26.5	26.5	26.5
20	26.0	30.8	27.8	25.6	28.3	27.2	25.4	25.9	26.4	25.8	25.7	26.0	26.7	26.7	28.6
21	25.8	30.9	28.0	25.3	28.9	27.4	25.2	25.9	26.3	25.7	25.6	26.0	26.7	26.6	26.6
22	24.8	30.2	28.0	24.7	28.0	27.3	24.9	25.5	26.0	25.6	25.4	25.8	26.7	26.6	26.5
23	25.2	31.0	28.6	25.0	28.2	26.7	25.0	25.6	26.4	25.6	25.5	25.8	26.7	26.7	26.6
24	25.8	27.5	27.3	25.4	26.3	26.4	25.2	25.3	25.5	25.7	25.6	25.6	26.7	26.6	26.5
25	25.6	30.5	27.5	25.0	27.8	26.9	24.8	25.4	25.9	25.3	25.3	25.7	26.5	26.4	26.3
26	23.7	28.8	25.9	23.9	26.8	24.7	24.3	24.6	25.2	25.2	24.9	25.2	26.4	26.3	26.2
27	22.4	28.2	26.0	22.7	25.8	25.4	23.4	23.8	24.6	24.6	24.3	24.6	26.2	25.9	25.8
28	23.0	28.4	26.5	23.0	25.9	25.6	23.3	23.8	24.6	24.2	24.2	24.5	25.8	25.7	25.6
29															
30															
31															
Prom.	24.6	28.5	26.9	24.3	26.6	26.1	24.2	24.6	25.0	24.8	24.7	25.0	25.9	25.8	25.8

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	-	14.4	13.0	2.7	2	1.4	1.0	1.4	3.5	-	-	-	-			7242
2	10.0	11.2	10.2	-	2	1.1	1.1	0.5	2.0							7261
3	17.7	19.0	-	14.5	2	0.4	0.5	0.4	1.2							7260
4	1.3	3.7	3.0	2.0	2	0.3	1.0	1.1	2.5							7257
5	0.0	0.4	0.0	0.0	2	0.4	1.4	1.9	4.3							7243
6	68.0	73.1	66.0	35.7	2	1.0	1.6	1.9	4.4							7142
7					2	0.9	2.4	1.7	4.7							7222
8					2	0.6	0.4	0.3	0.8							7192
9	27.2	27.9	27.9	22.1	2	0.1	0.6	1.2	2.0	F.1	20.8	19.7	24.8			7138
10					2	0.2	2.8	2.3	5.8							7121
11					1	0.7	3.5	1.3	5.3	F.2	19.1	18.2	23.9			7116
12					1	0.5	2.5	1.7	4.7							7093
13					1	0.5	2.5	2.4	5.5							7089
14					0	0.6	1.7	2.3	4.4							7008
15					0	0.4	1.2	1.8	3.6							7123
16					0	0.6	2.4	2.0	5.7	F.3	12.0	12.5	22.6			7007
17					0	1.3	1.8	1.8	4.1							7113
18					0	0.5	1.8	1.9	4.2							7122
19					0	0.5	1.6	2.3	4.8							7140
20					0	0.9	1.9	0.7	3.3							7133
21	0.0	0.0	0.0	0.0	0	0.7	2.1	1.7	4.2	F.4	8.7	10.4	20.0	18.4	13.9	7127
22					0	0.4	1.6	1.8	3.7							7162
23					0	0.3	2.6	2.6	6.4							7179
24					0	1.2	1.5	0.8	2.8							7201
25					0	0.5	2.2	1.8	4.3							7187
26					0	0.3	1.7	1.6	3.7	F.5	6.9	8.2	12.5			7225
27					0	0.4	2.4	2.4	6.0							7253
28					0	1.2	2.4	2.3	5.7							7255
29																
30																
31																
Prom.	124.2	149.7	120.1	77.0	-	0.6	1.8	1.6	4.0	-	-	-	-	-	-	7165

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
26.0	26.0	25.9	23.8	23.8	23.8	21.4	19.7	20.1	Cn. m. t. y n., LL. n.
25.8	25.8	25.7	23.9	23.9	23.9	21.5	19.7	-	Cn. m. t. y n., LL. t.
25.7	25.6	25.5	23.9	23.9	23.9	21.5	19.8	21.0	Cn. m. t. y n., Ne. m. y t., LL. t., r. n.
25.4	25.4	25.4	24.0	24.0	24.0	21.5	19.8	19.2	Cn. m. t. y n., r. m. y n., N. m. t. y n.
25.6	25.7	25.7	24.0	24.0	24.0	21.5	20.2	22.4	Cn. m. t. y n., LL. m., B. m. y n.
28.2	26.1	25.9	24.1	24.1	24.1	22.0	20.7	19.9	Ca. m. t. y n., LL., Ru. m., r. n.
26.0	26.1	25.9	24.1	24.2	24.2	21.7	20.0	10.8	Ca. m., Cn. t. y n., N. m., r. m. y n.
25.9	25.9	25.6	24.2	24.2	24.4	21.8	20.0	15.8	Cn. m. t. y n., Z. m., LL. t., Z. n.
25.3	25.3	24.9	24.2	24.2	24.2	22.0	20.0	13.0	N. m., Ca. t. y n., r. n.
25.0	25.1	24.9	24.1	24.2	24.2	22.0	20.0	12.3	Ca. m. t. y n., r. m. y n.
25.1	25.4	25.1	24.1	24.1	24.1	22.0	20.0	13.8	Ca. m. t. y n., r. m. y n., B. n.
25.4	25.5	25.4	24.1	24.1	24.1	22.0	20.2	14.9	Ca. m., Variable t., Ca. n., r. m., B. n.
24.8	25.9	27.8	24.1	24.1	24.1	22.0	20.1	18.8	Ca. m. t. y n., r. m. y n., B. n.
26.2	26.3	26.1	24.1	24.2	24.2	22.0	20.1	15.7	Cn. m., Ca. t. y n., r. m., Ne. m., B. n.,r. n.
26.3	26.3	26.1	24.2	24.3	24.3	22.0	20.1	9.0	Ca. m. y n., Cn. t., r. m., B. t.
26.2	26.3	26.2	24.3	24.3	24.3	22.0	20.2	18.6	Ca. m. y n., Cn. t., r. m., B. n.
26.3	26.4	26.2	24.4	24.4	24.4	22.0	20.3	18.2	Ca. m. t. y n., r. m. y n., B. m., Ne. n.
26.5	26.6	26.4	24.5	24.5	24.5	22.2	20.4	16.8	Ca. m. t. y n., r. m. y n., B. m.
26.7	26.9	26.7	24.5	24.5	24.6	22.1	20.2	15.3	Ca. m. y t., Cn. n., r. m., R.Hs. n.
26.9	26.9	26.7	24.6	24.6	24.7	22.3	20.4	17.8	Ca. m., Cn. t., r. m., B. n., LL. t.
26.9	26.9	26.7	24.7	24.8	24.8	22.2	20.3	-	Cn. m. t. y n., r. m., Z. n., P. t., R. n.
26.9	27.0	26.7	24.8	24.8	24.7	22.2	20.3	14.9	Ca. m. t. y n., r. m. y n., B. n.
26.9	27.0	26.7	24.9	24.9	24.9	22.3	20.4	15.2	Ca. m. t. y n., r. m. y n., B. n., R. n.
26.9	26.9	26.7	24.9	24.9	24.9	22.3	20.4	17.5	Cn. m. t. y n., Z. m., Ne.
26.7	26.7	26.5	24.9	24.9	24.9	22.4	20.5	-	Cn. m. t. y n., r. m., Z. t., Ne., R.HN. n.
26.6	26.6	26.3	24.8	24.9	24.9	22.5	20.6	-	Ca. m. t. y n., r. m. y n., B. n.
26.3	26.4	26.0	24.6	24.9	24.9	22.5	20.7	6.9	Cn. m., Ca. t. y n., r. m. y n., B. m.
26.0	26.1	25.8	24.5	24.8	24.8	22.5	20.5	10.5	Ca. m. t. y n., B. m. y t., r. m. y n.
26.2	26.2	26.1	24.3	24.4	24.4	22.0	20.2	15.8	

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	54.7	59.7	7	11	44.2	5	24	22.9	27.9	19.0	31.3	5	15	14.6	7	6	6.4	13.6	47
2ª	56.3	60.0	15	7	51.7	12	18	24.5	30.8	18.7	33.1	13,18	14,15	13.4	15	5	11.6	13.3	87
3ª	57.4	62.5	27	10	52.0	21	16	22.8	28.6	16.4	32.9	23	15	11.3	27	3	9.7	13.3	69
MES	56.0	62.5	27	10	44.2	5	24	23.3	29.1	18.1	33.1	13,18	14,15	14.6	7	6	9.2	13.4	69

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	4,5	40	7	16.3	23.1	9.0	N	12	44	6	29	6	1-2	95	NW	6	0.36	149.7	73.1	6	-	-	-
2ª	72	100	15,19	31	14	15.6	20.5	9.0	NE	9	28	16	20	16	8-9	22	N	16	7.41 12.01	-	-	-	-	-	-
3ª	72	100	27	37	23,26	13.7	21.5	7.8	N	10	32	28	22	28	8-9	48	SW	21	16.32	0.0	-	-	-	-	-
MES	75	100	4,5,15 19,27	31	14	15.3	23.1	7.8	N	11	44	6	29	6	1-2	95	NW	6	0.36	149.7	73.1	6	-	-	-

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	1	1	2	-	-	-	6	1	-	-	-	-	-	2	1	-
2ª	-	9	2	-	-	-	-	1	-	-	-	-	-	-	-	-	1
3ª	-	4	2	-	-	-	-	-	3	-	-	-	-	-	1	-	2
MES	-	14	5	2	-	-	-	7	4	-	-	-	-	-	3	1	3

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	-	-	-	-	1	-	1	4	-	9	-
2ª	10	-	-	-	-	-	-	-	-	-	-	3	-	-	10	-
3ª	7	-	-	-	-	-	-	-	-	-	-	4	2	-	7	-
MES	23	-	-	-	-	-	-	-	-	1	-	8	6	-	26	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II MARZO 1947 N.° 3

RESUMEN MENSUAL

Los primeros cuatro días del mes representan los últimos del calor estival y en consecuencia del tiempo de verano. En efecto: la temperatura máxima sobrepasa los 30.0°C, cuando la mínima acusa por última vez 20.0°C. El estado higrométrico absoluto se mantiene en cambio casi constantemente sobre los 15 mm. El día 5 una masa de aire polar desplaza la tropical reinante durante estos últimos días. El 6 la temperatura desciende hasta 6.0°C. Sin embargo el tiempo inestable continúa hasta el fin de la primera década.

La segunda se caracteriza por el tiempo fresco. Excepto el 15, todos los días presentan valores inferiores al normal. La máxima, así como la mínima alcanzan sus valores mensuales más bajos con 20.5°C y 3.4°C respectivamente. La humedad absoluta y relativa descienden también hasta sus valores mínimos. El buen tiempo reinante en este período sólo se ve perturbado el 16 y el 17 por un centro de depresión, el que animado por una extensa zona nubosa, intensas lluvias y tormentas eléctricas cruza el Río de la Plata en dirección SE. La curva barométrica registra una fuerte caída hasta su valor mínimo mensual.

La última década comienza con una semana de cielo despejado. La presión alcanza su valor máximo en este aire polar fresco y seco que cubre casi todo el país. El pasaje de una nueva ola de aire fresco que avanza desde la Patagonia origina el 27 una breve pero intensa lluvia con tormentas eléctricas y el 28 ligeras lluvias con niebla por la mañana. En los últimos días del mes se registra buen tiempo con presión alta.

El promedio mensual de esta alcanza aproximadamente su valor normal, mientras la temperatura resulta medio grado inferior al mismo.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	28	-	-	-	-	-	-	-	- 4	22	28	42	64	64	42
2	56	40	30	26	20	18	18	-16	16	56	72	72	76	74	54
3	40	12	38	42	26	52	32	34	- 4	4	20	49	66	-68	±∞
4	96	112	90	92	80	78	120	147	76	70	70	72	+ ∞	14	48
5	77	70	75	69	78	-	-	92	82	64	56	62	58	64	38
6	18	22	35	43	65	70	78	136	+ ∞	+ ∞	52	121	108	56	12
7	+ ∞	+ ∞	12	50	44	8	48	28	40	4	-52	-164	-74	-24	-20
8	70	80	77	75	75	66	112	214	+ ∞	+ ∞	104	106	60	36	-12
9	36	38	34	40	30	22	50	44	42	44	48	28	36	38	16
10	20	28	+ ∞	-112	24	88	+ ∞	+ ∞	147	159	+ ∞	+ ∞	132	50	24
11	32	36	36	30	18	14	42	56	20	70	100	72	60	44	44
12	-	-	-	-	-	-	24	10	-16	-20	- 8	9	12	-20	2
13	36	34	38	38	22	12	21	72	104	92	44	42	38	18	6
14	32	30	32	20	36	4	8	44	52	39	14	40	40	4	- 6
15	24	34	24	32	10	-	-	-26	-24	-20	-112	-124	-36	-88	-20
16	-50	-40	-34	-38	-12	10	14	0	-	-	-	-	-	-	-
17	6	8	-12	8	18	16	16	12	2	13	- 6	-38	- 8	14	16
18	50	50	50	48	48	50	56	60	60	80	74	64	56	54	72
19	20	24	.20	28	-	-	-	80	84	80	79	64	59	53	48
20	54	40	32	30	30	36	52	84	144	214	+ ∞	161	161	157	151
21	-	-	-	-	-	-	-	-	24	72	80	78	78	74	72
22	48	42	36	26	50	48	74	28	0	60	80	78	78	72	74
23	48	28	34	20	24	14	14	134	169	128	90	84	76	80	80
24	-	-	-	-	-	-	-	72	76	104	92	68	36	52	50
25	52	50	36	28	16	8	16	30	24	48	48	66	66	72	52
26	159	96	48	74	72	44	84	72	24	32	56	52	64	62	44
27	34	40	48	80	64	68	64	20	24	- 6	22	30	40	28	16
28	34	-28	18	56	68	98	70	100	175	84	+ ∞	+ ∞	-	-	-20
29	8	8	18	20	22	34	62	124	70	60	48	44	52	60	64
30	-	-	-	-	-	-	-	66	80	72	46	21	46	54	48
31	-	-	-	-	-	-	-	-	20	22	54	80	104	92	98
Prom.	61.0	47.6	36.0	39.6	36.0	29.6	47.8	71.6	56.4	62.4	54.0	53.6	55.2	53.2	47.6

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a⁻	a⁺	a⁻+a⁺	a⁻/a⁺	a⁻	a⁺	a⁻+a⁺	a⁻/a⁺	λ⁺	λ⁻	λ⁺+λ⁻	λ⁺/λ⁻	λ⁺	λ⁻	λ⁺+λ⁻	λ⁺/λ⁻
1	7.44	10.86	18.31	0.69	4.10	4.38	8.48	0.93	0.99	1.28	2.27	0.77	0.74	0.64	1.38	1.16
2	7.41	7.21	14.62	1.03	9.93	9.61	19.58	1.05	0.96	0.99	1.95	0.97	1.20	1.28	2.48	0.94
3	5.46	6.20	11.65	0.87	5.09	6.71	11.80	0.76	1.38	1.50	2.88	0.92	0.49	0.60	1.09	0.82
4	-	-	-	-	-	-	-	-	1.24	1.38	2.62	0.90	-	-	-	-
5	9.72	11.46	21.18	0.84	9.51	9.79	19.31	0.97	1.11	1.49	2.60	0.74	1.34	1.48	2.82	0.90
6	2.47	1.63	4.10	1.50	4.70	3.53	8.24	1.34	0.32	0.26	0.58	1.23	0.72	0.65	1.37	1.11
7	4.68	4.76	9.44	0.98	9.00	8.99	17.99	1.00	0.64	0.74	1.38	0.86	0.99	0.97	1.96	1.02
8	2.54	2.85	5.39	0.89	4.63	4.29	8.92	1.09	0.28	0.33	0.61	0.85	0.58	0.56	1.14	1.04
9	7.42	8.95	16.36	0.83	3.45	4.37	7.82	0.79	0.94	1.14	2.08	0.82	0.48	0.53	1.01	0.90
10	-	-	-	-	11.81	16.53	28.34	0.71	1.16	1.00	2.16	1.16	1.46	1.46	2.92	1.00
11	6.41	7.21	13.62	0.89	9.34	8.27	17.61	1.12	0.60	0.87	1.47	0.69	1.20	1.07	2.27	1.12
12	6.70	7.51	14.21	0.89	8.83	10.09	18.92	0.87	0.75	0.84	1.59	0.89	0.86	1.09	1.95	0.79
13	7.56	8.43	15.99	0.89	9.74	8.68	18.42	1.11	0.71	1.13	1.84	0.63	1.30	1.27	2.57	1.02
14	10.18	8.57	18.75	1.18	8.97	9.25	18.22	0.98	1.16	1.61	2.77	0.72	1.21	1.47	2.68	0.82
15	6.31	10.53	16.84	0.60	10.25	11.78	22.03	0.87	0.86	1.24	2.10	0.69	1.26	1.40	2.66	0.90
16	Ru	-	-	-	Ru	-	-	-	1.35	1.12	2.47	1.20	1.29	1.11	2.40	1.16
17	-	-	-	-	-	-	-	-	-	-	-	-	0.92	1.11	2.03	0.83
18	7.43	11.50	18.94	0.65	6.78	6.88	13.66	0.99	0.73	0.98	1.71	0.74	0.81	0.79	1.60	1.02
19	7.67	7.50	15.17	1.02	8.38	8.18	16.56	1.02	0.86	0.83	1.69	1.04	0.97	1.03	2.00	0.94
20	2.31	1.85	4.16	1.24	5.73	5.50	11.23	1.04	0.31	0.31	0.62	1.00	0.86	0.87	1.73	0.99
21	9.18	8.98	18.17	1.02	4.66	5.54	10.20	0.84	1.19	1.18	2.37	1.01	0.60	0.85	1.45	0.70
22	4.40	3.93	8.33	1.13	6.27	6.05	12.32	1.02	1.15	0.94	2.09	1.22	0.65	1.13	1.78	0.58
23	5.49	5.70	11.19	0.96	5.13	10.16	15.28	0.50	0.75	0.73	1.48	1.03	0.73	1.49	2.22	0.49
24	5.20	5.98	11.17	0.86	6.81	5.48	12.29	1.23	0.70	0.73	1.43	0.96	0.95	0.90	1.85	1.06
25	-	-	-	-	9.54	8.61	18.15	1.10	-	-	-	-	1.48	1.21	2.69	1.22
26	-	-	-	-	7.53	6.15	13.62	1.22	-	-	-	-	0.96	0.88	1.84	1.09
27	6.41	7.81	14.22	0.82	Ru	-	-	-	0.82	0.96	1.78	0.85	Ru	-	-	-
28	16.01	7.37	23.38	2.18	Ru	-	-	-	0.71	0.61	1.32	1.16	1.24	1.20	2.44	1.03
29	7.01	9.40	16.41	0.76	10.32	8.06	18.38	1.28	0.56	0.76	1.32	0.74	1.20	1.03	2.23	1.16
30	1.78	6.56	8.34	0.28	3.37	4.12	7.49	0.83	0.22	0.28	0.50	0.78	0.46	0.52	0.98	0.88
31	4.44	5.62	10.06	0.79	6.48	5.60	12.08	1.16	0.53	0.62	1.15	0.85	0.80	0.83	1.63	0.96
Prom.	6.46	7.13	13.60	0.95	7.32	7.56	14.88	0.99	0.82	0.92	1.74	0.91	0.96	1.01	1.97	0.95

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
44	98	138	132	92	56	6	14	48		196	-36	232	2*
34	28	52	60	44	48	40	36	48		132	-52	184	2
+∞	+∞	+∞	159	159	204	214	171	116		∞	-∞	-	3*
36	83	52	42	22	32	82	80	92		∞	-218	-	1*
52	52	50	70	70	68	62	34	20		138	12	126	0*
-16	0	36	70	96	66	78	+∞	60		∞	-94	-	1*
-10	26	36	48	48	46	52	52	75		∞	-231	-	2*
-10	4	42	32	32	28	28	36	32		∞	-100	-	2*
-72	28	30	36	52	62	- 8	-24	14		151	-221	372	2
60	46	58	58	60	48	42	36	32		∞	-∞	-	2*
40	32	28	60	36	52	10	-	-		188	-14	202	1*
-48	-26	12	36	40	36	32	32	36		44	-171	215	2*
28	32	40	38	74	52	62	58	40	42.5	128	-48	176	1
-36	-52	6	60	58	54	44	42	42		∞	-214	-	2
4	32	56	92	72	24	4	-52	-40		116	-216	332	2*
8	20	18	6	8	- 4	-56	8	10		76	-218	294	3*
8	16	28	36	50	57	61	57	52		74	-202	276	2
72	68	68	64	46	40	32	34	26	55.1	108	16	92	0
48	62	60	65	70	67	66	58	60		96	10	86	0*
130	132	-	-	-	-	-	-	-		∞	18	-	0*
64	66	34	- 2	28	60	58	88	64		144	-40	184	2*
74	56	36	64	-	-	14	20	24		159	-44	203	2*
68	64	84	74	-	-	-	-	-		198	0	198	0*
64	80	102	68	100	108	118	114	98		182	-12	194	1*
54	56	98	136	177	126	151	136	155	70.4	210	0	210	0
56	50	100	100	100	80	60	48	32	67.0	202	0	202	0
26	-	-	-	-	-	64	48	28		144	-36	180	2*
14	18	15	21	25	27	22	12	12		∞	-214	-	3*
62	64	62	58	36	36	46	56	40	48.1	206	- 6	212	1
38	20	22	-	-	-	-	-	-		120	4	116	0*
94	100	-	-	32	22	16	12	42		155	0	155	0*
54.4	54.0	73.6	79.2	84.6	66.8	70.2	66.4	58.6	56.6				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
32	42	128	3.18	5.89	698	974	1672	0.72	-	0.70
76	64	40	4.16	3.31	788	440	1228	1.79	-	-
22	34	+∞	3.26	-	939	1027	1966	0.91	0.51	0.65
70	84	86	7.34	-	932	610	1542	1.53	-	2.07
58	62	52	5.37	4.89	807	872	1679	0.92	-	0.22
58	126	2	2.44	-	867	618	1485	1.40	1.44	-
24	-155	30	-7.13	1.96	773	1031	1804	0.75	-	0.19
38	124	8	2.52	0.30	241	247	488	0.98	-	-
66	28	36	1.94	1.21	916	880	1796	1.04	1.17	-
+∞	+∞	42	-	4.09	1442	448	1890	3.22	-	-
102	76	32	3.72	2.42	1000	792	1792	1.26	-	0.36
-10	2	-10	0.11	-0.65	1559	1192	2751	1.31	1.39	0.64
42	44	34	2.70	2.91	1274	1153	2427	1.10	-	0.23
- 2	32	-40	2.95	-3.57	1171	981	2152	1.19	-	-
-140	-144	34	-10.08	3.01	1125	974	2029	1.16	0.69	0.66
Ru	Ru	20	-	1.60	-	-	-	-	-	-
-28	-56	24	-	1.62	1121	1903	3024	0.59	0.84	-
66	66	66	3.76	3.52	809	939	1748	0.86	-	-
79	64	66	3.60	4.40	880	752	1632	1.17	0.32	-
186	173	124	3.58	7.15	364	314	678	1.16	-	0.77
78	76	100	6.00	4.83	1142	1052	2194	1.08	-	-
78	80	50	5.57	2.97	1211	721	1932	1.68	1.48	-
94	86	70	4.24	5.18	547	475	1022	1.15	0.48	2.40
86	72	88	3.43	5.43	895	505	1400	1.77	1.02	0.99
44	52	68	-	6.10	-	-	-	-	-	-
56	48	56	-	3.43	-	-	-	-	-	-
34	28	Ru	1.66	-	404	754	1158	0.54	0.25	1.47
+∞	- 8	27	-0.35	2.20	851	389	1240	2.19	0.66	0.70
44	42	66	1.85	4.91	1174	897	2071	1.31	1.05	-
42	20	34	0.33	1.11	427	364	791	1.17	1.95	0.77
54	74	114	2.84	6.19	675	989	1664	0.68	0.26	0.58
	42	49	2.27	3.20	894	796	1687	1.24	0.90	0.84

PRESION 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	58.8	58.8	58.8	58.8	58.9	59.1	59.1	59.0	59.0	58.8	58.4	58.0	57.3	56.7	56.0
2	55.9	55.7	55.8	55.6	55.7	55.9	56.2	56.4	56.4	56.3	56.0	55.9	55.7	55.4	54.8
3	57.1	56.6	56.1	56.0	56.1	56.7	56.3	59.4	59.3	59.3	58.9	59.0	58.7	58.7	57.5
4	55.5	55.1	54.3	53.9	53.9	54.4	54.2	54.6	54.6	55.1	54.7	54.6	54.7	54.7	54.3
5	53.6	53.4	53.6	54.4	54.6	55.1	56.0	56.5	56.4	56.7	56.9	57.0	57.2	57.0	57.1
6	61.3	61.3	61.3	61.4	61.8	62.1	62.2	62.2	62.5	62.3	61.8	61.3	60.6	60.1	59.5
7	58.1	57.7	57.1	56.1	57.1	57.0	56.8	57.1	56.7	56.4	55.7	55.0	54.3	53.6	52.7
8	55.3	55.1	55.2	55.5	55.6	56.2	56.5	56.8	56.9	56.8	56.4	56.1	55.8	55.4	55.0
9	55.9	56.0	56.1	55.9	55.9	56.1	56.3	56.4	56.0	55.8	55.3	54.6	53.8	53.0	52.5
10	55.0	54.1	54.0	53.0	52.8	53.7	54.6	54.8	54.9	55.1	54.6	54.4	54.5	54.5	54.6
11	57.0	57.0	56.9	56.7	56.9	57.1	57.5	57.6	57.4	57.2	56.9	56.5	55.9	55.4	54.9
12	56.1	56.9	56.6	56.9	57.2	58.2	59.1	59.6	59.8	59.9	59.9	59.8	59.8	59.6	59.1
13	62.6	62.6	62.5	62.5	62.7	63.0	63.4	63.8	64.2	64.2	64.1	64.1	63.9	63.8	63.6
14	63.3	63.2	63.0	62.9	63.2	63.1	63.5	63.4	63.4	63.3	63.0	62.6	62.3	51.8	61.2
15	61.2	61.0	60.7	60.7	61.1	61.3	61.5	61.5	61.4	60.9	60.3	59.7	58.8	57.9	57.3
16	56.2	56.1	55.8	55.6	55.8	55.7	55.7	55.8	56.4	56.4	56.6	55.8	54.4	52.7	51.7
17	50.3	49.2	48.4	48.4	48.5	48.4	48.3	48.3	48.1	48.2	48.4	48.8	49.1	49.4	49.8
18	51.5	51.2	51.2	51.2	51.2	51.3	51.4	51.5	51.5	51.5	51.4	51.2	50.9	50.6	50.4
19	51.3	51.2	50.6	50.6	50.8	51.0	51.2	51.3	51.4	51.7	52.1	52.4	52.6	52.8	53.2
20	60.4	60.7	60.7	61.1	61.3	62.0	62.4	63.0	63.7	63.9	63.8	63.7	63.6	63.2	63.2
21	64.3	64.2	64.0	64.1	64.3	64.6	65.1	65.4	65.3	65.1	64.8	64.5	63.9	63.2	62.8
22	62.8	62.7	62.5	62.7	62.9	63.4	64.1	64.2	64.5	64.5	64.2	63.9	63.5	63.0	62.6
23	65.2	65.1	64.9	65.0	65.4	65.7	66.1	66.6	66.8	66.7	66.6	66.6	66.6	66.3	66.0
24	65.9	65.8	65.6	65.6	65.6	66.0	66.1	66.2	66.2	66.2	65.8	65.4	65.0	64.2	63.7
25	63.1	63.0	62.8	62.6	62.5	62.6	62.8	63.0	62.8	62.8	62.3	61.8	61.4	60.8	60.3
26	60.5	60.6	60.6	60.5	60.6	60.7	61.0	61.0	61.0	60.8	60.6	59.9	59.6	59.0	58.8
27	57.8	57.6	57.4	57.1	56.8	57.1	57.3	57.4	57.4	57.6	55.9	56.6	56.6	56.4	56.2
28	57.0	57.0	56.5	56.3	56.6	57.1	57.6	57.6	57.6	57.9	58.8	58.7	58.0	58.0	58.0
29	58.4	58.2	58.2	58.2	58.5	59.0	59.3	59.3	59.3	59.3	59.6	59.4	59.2	59.0	58.9
30	62.0	62.0	62.0	62.0	62.2	62.6	62.9	63.1	63.1	63.0	62.9	62.9	62.7	62.4	62.2
31	62.7	62.7	63.3	63.3	63.2	63.6	63.9	64.1	64.0	63.9	63.6	63.0	62.4	61.5	61.1
Prom	58.6	58.5	58.3	58.2	58.4	58.7	59.0	59.2	59.3	59.3	59.0	58.8	58.5	58.1	57.7

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	21.0	21.1	20.4	20.0	19.7	19.5	19.9	22.5	24.7	26.6	28.1	29.3	30.0	30.6	30.6
2	22.3	22.3	21.8	21.3	21.0	20.8	21.2	24.1	26.0	27.9	29.7	30.8	31.4	31.2	31.0
3	23.7	22.5	22.5	22.1	21.7	21.8	22.0	22.4	21.9	22.9	24.3	23.9	23.9	22.3	21.6
4	20.2	20.2	20.1	20.1	19.6	19.8	20.9	22.6	22.7	22.8	22.9	23.4	23.8	23.7	22.6
5	19.3	19.0	18.8	18.0	17.4	17.2	17.6	17.7	19.4	20.6	21.2	22.6	23.4	24.4	24.0
6	12.7	11.4	10.7	10.0	9.2	8.8	10.3	14.4	18.3	19.1	20.7	21.0	22.8	23.4	23.2
7	17.8	17.0	16.8	16.2	15.7	15.8	16.0	16.9	16.9	20.0	21.0	25.8	26.9	28.2	28.9
8	17.6	16.8	16.0	15.1	14.3	13.6	14.0	17.6	20.5	23.2	25.3	26.3	27.0	27.4	27.3
9	19.8	19.4	19.2	19.0	19.1	19.3	20.1	22.8	24.9	26.7	28.6	29.7	30.3	31.6	31.2
10	19.0	19.3	19.1	18.6	18.6	18.2	18.0	17.8	17.9	18.2	18.5	19.1	19.9	19.2	19.1
11	12.4	11.7	10.6	9.5	9.0	8.3	9.1	15.7	19.6	22.1	24.0	25.6	26.5	27.8	28.0
12	15.3	15.5	15.6	15.6	15.5	15.1	15.5	16.4	16.7	17.8	19.0	19.5	19.9	20.6	20.0
13	10.7	9.2	8.0	8.3	7.9	6.5	6.8	12.5	16.4	18.5	19.2	21.1	22.1	22.4	21.3
14	9.5	9.4	8.3	7.9	8.2	7.6	9.6	14.8	19.0	20.9	21.9	22.8	23.4	23.8	23.8
15	17.1	16.7	16.3	16.2	16.2	15.6	16.0	19.0	21.2	23.2	24.2	25.6	26.8	27.5	28.0
16	22.3	21.7	21.3	21.0	20.8	20.7	20.6	20.6	20.0	19.7	19.6	19.4	19.4	19.6	19.8
17	19.4	19.4	19.4	19.3	19.3	19.3	19.1	18.8	18.1	17.6	17.0	17.0	17.0	16.7	16.4
18	12.5	12.2	11.8	11.9	12.2	12.3	12.5	13.3	15.2	16.4	17.5	18.9	20.2	20.9	21.7
19	10.9	10.7	10.1	10.4	10.4	10.6	12.3	17.2	20.0	22.0	23.0	24.1	24.3	25.0	24.6
20	11.5	10.9	10.2	9.8	9.0	8.4	8.7	13.2	17.5	19.1	20.6	20.8	20.8	21.0	21.4
21	11.5	11.2	11.0	10.8	10.3	10.2	10.8	14.0	16.3	19.0	20.9	21.8	22.9	23.4	23.3
22	10.7	10.7	10.6	11.2	11.4	11.6	12.7	17.6	19.7	22.3	24.1	25.4	26.1	26.8	27.0
23	16.1	15.8	14.1	13.5	13.2	12.7	12.9	20.0	24.5	26.2	26.3	26.9	27.1	27.0	27.0
24	17.9	17.7	17.1	17.4	17.5	16.2	15.5	19.8	21.5	23.4	24.9	25.9	26.3	26.8	26.8
25	17.2	17.9	17.8	17.6	17.3	17.1	17.2	19.2	21.0	23.4	24.4	25.5	26.2	26.6	26.5
26	15.1	15.1	15.4	15.8	16.1	16.2	16.4	19.3	21.3	23.6	25.4	27.1	25.5	27.9	27.5
27	16.7	15.6	15.4	16.6	17.5	17.7	18.7	20.9	23.4	24.8	26.6	28.5	29.0	28.8	28.9
28	19.6	18.9	18.5	18.1	18.1	18.1	18.1	18.4	19.5	20.7	21.2	21.2	20.2	20.2	20.3
29	17.8	17.9	17.6	17.4	16.8	16.8	16.7	17.6	19.7	22.4	23.8	24.8	25.2	26.1	25.9
30	14.4	13.7	13.1	12.8	12.8	12.9	12.9	16.4	18.7	20.3	21.4	22.8	23.4	23.4	23.5
31	15.5	15.6	15.5	15.4	15.0	14.8	14.9	17.9	20.0	20.9	22.6	23.2	24.0	24.4	24.6
Prom	16.4	16.0	15.6	15.4	15.2	15.0	15.4	18.1	20.1	21.7	22.8	23.9	24.4	24.8	24.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
55.7	55.6	55.5	55.7	56.2	56.2	56.0	55.9	55.9	59.1	6-7	55.5	18	3.6	757.4 mm.	1009.8 mb.
54.6	54.7	54.6	54.8	55.8	56.1	55.8	56.1	56.5	56.5	24	54.6	16,18	1.9	55.7	1007.6
55.4	55.3	56.0	56.2	56.3	56.4	56.7	56.2	55.8	59.4	8	55.3	17	4.1	57.1	1009.4
52.7	53.0	53.1	53.4	53.6	53.4	53.7	53.8	53.9	55.5	1	52.7	16	2.8	54.1	1005.4
57.2	57.7	58.1	58.7	59.6	60.1	60.4	60.9	61.1	61.1	24	53.4	2	7.7	57.1	1009.4
59.3	59.0	58.9	58.7	59.2	59.1	58.6	58.4	58.2	62.5	9	58.2	24	4.3	60.5	1014.0
52.7	52.7	52.8	53.2	54.0	54.5	54.7	54.9	55.2	58.1	1	52.7	15-17	5.4	55.2	1006.9
54.9	55.0	55.1	55.2	55.7	55.8	56.1	56.1	56.2	56.9	9	54.9	16	3.0	55.8	1007.7
52.4	52.4	52.3	52.5	53.2	52.8	54.0	54.5	54.6	56.4	8	52.3	18	4.1	54.5	1006.0
54.7	54.7	55.3	55.6	56.0	56.2	56.2	56.8	56.9	56.9	24	52.8	5	4.1	54.9	1006.5
54.6	54.6	54.9	55.2	55.3	55.5	55.2	55.2	55.9	57.6	8	54.6	16-17	3.0	56.1	1008.1
59.3	59.6	60.0	60.7	61.2	61.6	61.7	62.0	62.5	62.5	24	56.1	1	6.4	59.5	1012.6
63.2	63.1	63.1	63.1	63.3	63.6	63.6	63.5	63.4	64.2	9-10	62.5	3-4	1.7	63.4	1017.8
60.7	60.4	60.4	60.5	60.9	61.1	61.1	61.0	61.2	63.5	7	60.4	17-18	3.1	62.1	1016.1
57.2	57.1	57.1	57.0	57.0	56.9	56.6	56.7	56.4	61.5	7-8	56.4	24	5.1	59.1	1012.1
52.1	52.1	51.3	52.5	52.5	52.2	51.9	51.2	51.1	56.6	11	51.1	24	5.5	54.1	1005.4
50.2	50.6	50.8	51.2	51.4	51.6	51.8	51.8	51.7	51.8	22-23	48.1	9	3.7	49.7	999.6
50.4	51.5	50.7	50.8	51.0	51.3	51.2	51.3	51.4	51.5	1,8-10	50.4	15-16	1.1	51.1	1001.4
53.8	54.4	55.1	56.3	57.0	57.5	58.3	59.1	59.7	59.7	24	50.6	3-4	9.1	53.6	1004.8
63.2	63.3	63.7	63.8	64.2	64.3	64.3	64.3	64.3	64.3	21-24	60.4	1	3.9	63.0	1017.3
62.6	62.5	62.4	62.4	62.5	62.6	62.7	62.7	62.8	65.4	8	62.4	18-19	3.0	63.7	1018.2
62.6	62.9	63.2	63.4	64.0	64.4	64.6	64.9	65.1	65.1	24	62.5	3	2.6	63.6	1018.4
65.8	65.7	65.6	65.6	65.8	65.8	65.8	65.9	66.0	66.8	9	64.9	3	1.9	65.9	1021.2
63.5	63.3	63.1	63.1	63.2	63.2	63.2	63.2	63.2	66.2	8-10	63.1	18-19	3.1	64.7	1019.6
60.3	60.1	59.7	59.9	60.0	60.1	60.3	60.5	60.5	63.1	1	59.7	18	3.4	61.5	1015.3
58.5	58.4	58.4	58.5	58.4	58.4	58.3	58.1	57.9	61.0	7-9	57.9	24	3.1	59.6	1012.8
56.5	58.9	58.8	59.0	57.0	56.7	57.4	57.4	57.5	59.0	19	55.9	11	3.1	57.3	1009.7
58.0	57.7	57.3	57.8	58.0	58.1	58.0	58.5	58.4	58.8	11	56.3	4	2.5	57.7	1010.2
58.9	59.1	59.5	59.9	60.2	60.8	61.0	61.4	61.9	61.9	24	58.2	2-4	3.7	59.4	1012.5
62.1	62.2	62.6	62.8	63.0	63.2	63.6	63.8	63.8	63.8	23-24	62.0	1-4	1.8	62.7	1016.9
60.9	60.8	60.9	61.0	61.2	61.2	61.0	60.9	60.7	64.1	8	60.7	24	3.4	62.4	1016.5
57.5	57.7	57.8	58.0	58.3	58.4	58.5	58.6	58.7	60.4		56.7		3.7	58.5	1011.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
30.3	29.1	27.4	25.1	23.8	22.3	22.3	22.5	22.5	30.6	14-15	19.5	6	11.1	24.6
31.2	30.6	28.7	26.0	25.2	25.2	25.1	25.0	24.3	31.4	13	20.8	6	10.6	26.0
21.2	21.5	21.4	21.1	20.5	20.5	20.5	20.4	20.2	24.3	11	20.2	24	4.1	21.9
21.9	22.0	21.7	21.5	21.2	20.9	20.2	19.7	19.7	23.8	13	19.6	5	4.2	21.4
23.8	22.6	20.8	19.1	17.9	16.4	15.7	14.6	13.6	29.4	14	13.6	24	10.8	19.4
22.7	21.1	19.9	18.7	17.9	17.5	17.3	17.7	17.8	23.4	14	8.8	6	14.6	16.9
28.6	28.7	27.8	24.8	22.8	21.5	20.4	19.4	18.3	28.9	15	15.7	5	13.2	21.3
27.2	26.6	24.1	21.6	20.6	20.2	20.1	19.9	19.9	27.4	14	13.6	6	13.8	20.9
30.5	27.4	26.6	24.3	23.2	22.5	21.9	19.7	18.9	31.6	14	18.9	24	12.7	24.0
19.2	19.1	19.0	17.8	16.9	16.2	15.4	14.5	13.6	19.9	13	13.6	24	6.3	18.0
28.2	28.0	25.5	21.8	19.2	17.8	16.6	16.2	15.7	28.2	16	8.3	6	19.9	18.7
20.4	19.5	17.9	16.2	14.6	12.6	11.8	11.6	11.7	20.6	14	11.6	23	9.0	16.4
20.9	20.8	19.2	15.3	12.9	11.4	10.1	9.2	9.3	22.4	14	6.5	6	15.9	14.2
23.7	23.0	21.5	19.7	18.8	18.0	17.5	16.8	17.0	23.8	14-15	7.6	6	16.2	17.0
28.4	28.2	26.5	23.8	23.2	24.3	24.4	23.1	22.5	28.4	16	15.6	6	12.8	22.2
20.0	20.1	20.0	20.0	19.8	19.7	19.7	19.5	19.4	22.3	1	19.4	12-13,24	2.9	20.2
15.7	15.7	15.8	15.8	15.2	14.9	14.3	13.8	13.2	19.4	1-3	13.2	24	6.2	17.0
21.5	21.0	18.9	16.8	13.7	12.9	12.2	11.9	11.7	21.7	15	11.7	24	10.0	15.4
23.4	22.1	20.5	18.2	15.9	14.3	13.6	12.8	11.9	25.0	14	10.1	3	14.9	17.0
21.5	21.1	19.0	16.4	14.7	14.8	14.4	14.0	12.8	21.5	16	8.4	6	13.1	15.5
23.0	21.6	19.0	15.9	14.2	12.7	12.7	11.4	11.6	23.4	14	10.2	6	13.2	15.8
26.8	26.4	24.2	20.8	18.9	17.4	16.9	16.7	16.6	27.0	15	10.6	3	16.4	18.9
26.6	25.9	23.4	20.6	19.0	18.6	17.9	17.6	17.7	27.1	13	12.7	6	14.4	20.4
26.1	25.2	22.8	20.8	19.8	19.5	19.1	18.3	17.3	26.8	14-15	15.5	7	4.3	21.0
26.2	25.6	23.0	21.0	19.4	18.2	17.2	16.3	16.2	26.6	14	16.2	24	10.4	20.7
27.1	26.0	23.9	22.1	21.5	21.2	20.7	19.4	18.0	27.9	14	15.1	1-2	12.8	21.1
28.2	19.6	19.0	19.3	20.0	19.9	19.9	19.8	19.8	29.0	13	15.4	3	13.6	21.4
19.5	19.0	19.0	18.9	18.1	17.7	17.7	17.9	17.9	21.2	11-12	17.7	21-22	3.5	19.0
25.7	25.0	22.7	19.2	17.1	16.6	16.7	16.2	15.2	26.1	14	15.2	24	10.9	20.0
22.6	22.0	20.1	18.1	17.0	16.5	16.1	15.2	15.1	23.5	15	12.8	4-5	10.7	17.7
24.2	22.7	20.8	18.5	16.2	15.1	14.9	14.6	15.1	24.6	15	14.6	23	10.0	18.6
24.4	23.5	21.9	20.0	18.7	18.0	17.5	17.0	16.0	25.2		13.9		11.3	19.4

HUMEDAD RELATIVA en %

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

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	16.0	16.5	16.0	16.5	16.0	16.0	17.1	16.5	17.5	17.5	17.5	16.5	15.1	13.5
2	15.5	15.5	15.0	15.5	16.0	16.5	16.0	17.0	16.5	17.5	17.5	17.0	16.0	17.2	17.5
3	19.0	17.5	16.5	17.0	17.5	17.0	17.0	17.5	15.0	15.0	15.0	14.5	16.0	16.5	17.5
4	17.0	17.0	17.0	17.0	16.5	16.5	17.0	17.9	18.0	18.0	18.0	18.5	18.0	17.4	16.5
5	16.0	15.5	15.5	14.0	13.5	13.5	13.5	13.2	13.0	13.0	11.5	11.5	11.0	11.1	10.5
6	8.5	8.0	8.0	8.5	7.8	8.0	7.6	8.0	8.0	8.5	5.8	6.0	6.8	6.2	6.8
7	10.0	11.0	9.5	9.5	9.5	10.0	10.5	9.2	9.5	9.0	8.5	9.0	9.5	11.9	12.5
8	13.5	13.0	12.5	11.5	11.0	11.0	11.0	11.1	12.0	13.0	13.5	13.0	12.5	14.9	14.0
9	15.0	13.5	14.5	14.0	15.0	15.0	16.0	16.4	14.5	17.5	16.5	17.5	16.5	15.6	16.0
10	12.5	12.0	13.5	13.5	14.5	14.0	15.0	14.5	14.0	14.0	14.5	15.0	14.0	14.3	12.5
11	10.0	10.0	9.0	8.5	8.0	7.8	8.0	11.9	11.5	9.0	9.5	10.0	9.5	9.7	7.8
12	12.0	10.0	10.0	10.0	10.0	10.5	8.0	6.5	6.0	5.6	5.2	6.2	6.4	6.2	6.4
13	7.4	7.8	7.8	7.8	7.6	7.0	7.2	7.9	7.8	6.6	5.4	5.0	4.4	4.7	5.2
14	8.0	8.5	7.8	7.6	7.8	7.4	8.0	8.8	8.5	7.8	7.4	7.8	8.0	7.9	7.2
15	9.0	9.5	9.0	9.5	10.5	10.5	10.5	11.1	10.5	11.0	11.5	11.5	12.5	12.8	12.0
16	15.5	15.0	15.5	15.0	15.0	15.0	14.5	14.7	15.0	15.5	15.5	16.0	16.0	16.5	15.5
17	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.8	15.0	14.5	14.0	13.0	14.0	12.6	12.5
18	8.5	9.0	9.0	9.0	9.0	9.0	8.5	9.3	9.5	9.0	10.0	10.0	11.0	10.4	9.0
19	9.0	8.0	8.5	8.0	8.5	8.5	8.5	9.7	10.0	11.0	12.0	11.5	10.5	9.5	8.5
20	9.0	9.0	9.0	8.5	8.0	7.8	8.0	8.8	8.5	7.8	5.8	6.8	6.8	7.6	7.0
21	9.5	9.5	9.0	8.0	8.0	8.0	8.0	9.0	8.5	8.5	9.5	8.0	7.8	7.9	7.0
22	8.5	8.0	9.0	9.0	9.0	9.0	9.5	11.4	10.5	10.5	11.5	11.5	10.5	12.2	11.0
23	11.5	11.5	10.5	10.0	9.5	9.5	9.5	12.6	10.5	12.0	10.5	9.5	10.0	9.6	10.0
24	14.0	14.5	14.0	14.0	14.5	12.5	12.5	13.9	12.5	14.5	12.0	10.5	10.5	9.6	9.5
25	13.5	12.5	12.5	13.0	12.5	12.5	12.5	13.5	12.5	13.0	13.0	14.0	13.0	12.7	12.0
26	11.5	11.5	12.0	12.0	12.5	12.5	12.5	13.2	12.5	12.5	13.5	12.5	11.5	13.4	13.0
27	13.0	12.5	12.5	13.0	13.0	13.0	13.0	13.7	14.5	14.5	14.5	15.0	15.5	14.8	15.5
28	16.5	15.5	14.5	14.0	14.0	14.0	14.0	14.8	15.5	15.5	15.0	17.0	16.0	16.9	17.0
29	14.5	14.5	14.5	14.0	13.5	13.5	13.5	14.0	14.5	14.5	14.5	13.0	11.0	9.9	10.5
30	11.0	10.5	10.0	10.0	10.5	10.5	10.5	11.3	11.5	12.5	13.5	13.5	14.0	13.3	13.5
31	12.0	12.0	12.0	11.0	11.0	11.5	11.0	11.6	13.5	13.0	12.5	13.0	13.5	11.8	12.0
Prom.	12.3	12.1	12.0	11.8	11.8	11.7	11.7	12.4	12.1	12.3	12.1	12.1	11.9	11.9	11.6

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.0	15.5	15.5	16.0	17.1	16.5	17.5	17.5	14.5	17.5	10-12,22-23	13.5	15	4.0	16.2
16.0	17.0	16.5	18.0	18.8	18.5	18.0	18.0	17.5	18.8	20	15.0	3	3.8	16.8
17.0	14.5	16.5	17.0	16.6	16.5	16.5	16.5	17.0	19.0	1	14.5	12,17	4.5	16.5
17.0	17.0	16.5	16.5	17.2	17.0	16.0	16.5	16.5	18.5	12	16.0	22	2.5	17.1
9.0	9.5	9.5	9.5	10.5	10.0	10.0	9.5	9.0	16.0	1	9.0	16,24	7.0	11.8
6.6	6.4	8.0	9.0	10.1	10.5	9.0	9.0	9.5	10.5	21	5.8	11	4.7	7.9
12.0	13.5	14.5	14.5	15.7	15.5	15.5	15.5	14.5	15.7	20	8.5	11	7.2	11.7
14.0	13.5	13.5	15.5	15.2	14.5	14.0	14.0	14.0	15.5	19	11.0	5-7	4.5	13.1
17.0	15.5	17.5	16.0	17.1	16.5	16.0	14.0	13.0	17.5	10,12,18	13.0	24	4.5	15.7
12.0	11.5	11.5	12.5	11.7	11.0	11.0	10.5	11.0	15.0	7,12	11.0	21-22,24	4.0	12.9
7.8	7.8	10.0	11.0	11.6	11.0	11.5	11.0	11.5	11.9	8	7.8	5,15-17	4.1	9.7
5.8	5.4	5.6	5.8	6.6	7.2	6.8	6.8	6.8	12.0	1	5.2	11	6.8	7.3
5.0	5.0	6.2	8.5	8.4	8.0	8.5	7.8	7.6	8.5	19,22	4.4	13	4.1	6.9
7.0	7.8	8.0	8.0	8.2	8.0	10.0	8.5	9.0	10.0	22	7.0	16	3.0	8.0
13.5	13.5	14.5	14.5	15.4	14.0	15.0	16.0	15.5	16.0	23	9.0	1,3	7.0	12.2
16.0	16.0	16.0	16.0	16.6	16.5	16.5	16.0	16.0	16.6	20	14.5	7	2.1	15.7
12.0	11.5	11.0	9.5	9.8	9.0	8.5	9.0	8.5	16.0	1-7	8.5	22,24	7.5	13.0
9.0	9.5	9.0	9.5	9.6	9.0	9.0	9.0	8.5	11.0	13	8.5	1,7,24	2.5	9.3
9.0	8.0	9.0	9.5	9.7	10.0	9.0	9.0	9.5	12.0	11	8.0	2,4,17	4.0	9.4
8.0	9.5	11.0	10.5	10.4	10.0	10.5	11.0	10.0	11.0	18,23	5.8	11	5.2	8.7
5.8	5.4	7.8	7.6	8.1	7.8	8.5	8.5	8.5	9.5	1-2,11	5.4	17	4.1	8.1
11.0	12.0	14.0	14.0	13.6	12.5	13.0	13.0	13.0	14.0	18-19	8.0	2	6.0	11.1
9.5	10.5	12.0	13.0	13.2	13.0	12.5	13.0	13.5	13.5	24	9.5	5-7,12,16	4.0	11.1
12.0	12.5	14.5	15.0	15.2	15.5	15.0	14.5	13.5	15.5	21	9.5	15	6.0	13.2
12.0	12.5	13.0	13.0	13.9	14.0	13.5	12.5	12.5	14.0	12,21	12.0	15-16	2.0	12.9
12.5	14.0	13.5	13.0	13.0	14.5	15.0	14.5	14.0	15.0	22	11.5	1-2,13	3.5	12.9
16.0	15.5	15.5	16.0	14.5	16.0	16.0	15.5	16.5	16.5	24	12.5	2-3	4.0	14.6
15.5	15.0	15.5	15.5	14.2	14.5	14.5	14.5	14.5	17.0	12,15	14.0	4-7	3.0	15.2
10.5	11.0	11.5	12.5	12.9	12.0	11.5	12.5	11.5	14.5	1-3,9-11	9.9	14	4.6	12.7
12.5	13.0	11.5	12.0	11.8	12.0	11.5	11.5	11.5	14.0	13	10.0	3-4	4.0	11.8
11.5	12.5	14.0	13.0	12.0	11.5	11.5	11.0	11.0	14.0	18	11.0	4-5,7,23-24	3.0	12.1
11.5	11.7	12.3	12.6	12.9	12.7	12.6	12.4	12.2	14.4		10.0		4.4	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	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	NE	9	NE	13	NE	14	NE	11	NE	10	NE	10	NE	9	NE	12	NE	14	NE	13	NE	12	NE	10	NE	13	NE	14	NE	17
2	NE	11	NE	15	NE	15	NE	13	NE	11	NE	8	NE	10	N	13	N	19	N	13	N	11	N	12	NE	12	NE	10	NE	12
3	E	7	SE	10	E	9	NE	7	NE	5	NE	4	NE	6	S	8	S	15	S	14	S	13	S	11	S	8	S	8	S	4
4	SE	4	SE	5	S	3	SE	4	E	2	E	4	NE	7	NE	5	NE	4	W	9	SW	4	SW	6	SW	8	SW	4	SW	7
5	S	5	S	5	S	6	S	5	S	7	S	8	S	8	S	8	S	-	S	-	S	-	SE	-	SE	-	SE	-	SE	14
6	SE	9	SE	5	SE	5	SE	2	SE	3	SE	1	SE	3	SE	6	E	5	NE	2	E	7	SE	5	E	4	NE	8	NE	10
7	NE	8	NE	8	NE	11	NE	14	N	14	N	9	N	10	N	19	N	23	N	25	NW	24	NW	28	NW	28	NW	24	NW	22
8	S	2	SE	6	SE	6	SE	4	SE	6	SE	3	SE	4	SE	5	SE	6	SE	4	E	5	NE	5	E	6	NE	6	NE	12
9	E	9	E	12	E	11	E	10	E	11	E	9	E	10	NE	12	NE	13	NE	12	NE	13	NE	14	NE	14	NE	15	NE	13
10	S	11	S	12	S	8	S	6	S	3	SE	3	SE	7	S	4	S	6	S	3	S	4	S	5	S	9	S	9	SW	11
11	S	2	Calma	1	S	2	Calma	1	SW	2	Calma	1	W	2	W	3	W	6	NW	6	NW	8	NW	9	NW	12	NW	10	W	10
12	NW	9	NW	10	NW	16	NW	12	W	11	W	10	SW	10	S	15	SW	18	SW	15	SW	13	SW	16	SW	17	SW	17	SW	15
13	S	6	S	3	S	5	S	5	S	5	SW	4	SW	3	SW	5	S	4	S	6	S	8	S	9	S	10	S	11	S	7
14	NE	5	NE	3	N	2	N	4	N	3	N	7	N	8	NE	11	N	19	N	21	N	23	N	20	N	21	NE	19	NE	20
15	NE	19	NE	22	NE	22	NE	20	NE	19	NE	17	NE	17	NE	21	NE	30	NE	24	NE	23	NE	22	NE	22	NE	25	NE	23
16	NE	28	NE	25	NE	28	NE	24	NE	22	NE	15	E	16	E	19	NE	22	NE	9	NE	9	E	4	E	10	NE	30	NE	34
17	SE	3	SE	4	Calma	1	S	5	S	3	SW	4	SW	6	SW	6	SW	11	SW	13	SW	17	SW	19	SW	22	SW	24	SW	25
18	SW	16	SW	16	SW	14	SW	13	SW	15	SW	12	SW	11	SW	15	SW	19	SW	15	SW	17	SW	14	SW	15	SW	15	SW	15
19	NW	5	NW	8	NW	6	NW	7	NW	11	NW	11	NW	12	NW	15	W	17	W	10	SW	13	SW	16	SW	14	SW	13	SW	16
20	SE	4	SE	3	SE	2	Calma	1	S	3	S	2	SE	2	SE	5	SE	6	SE	6	E	9	E	16	E	16	E	12	E	11
21	E	4	NE	4	NE	6	NE	7	NE	9	NE	9	N	12	N	16	N	19	N	23	N	22	N	15	N	14	N	17	N	16
22	N	4	N	4	N	7	N	7	N	6	N	6	N	6	N	6	N	14	N	12	N	15	N	16	N	16	N	13	N	10
23	NE	4	NE	3	NE	2	NE	3	SE	3	SE	4	SE	4	E	1	E	5	E	6	E	8	NE	10	NE	11	NE	12	NE	13
24	E	8	E	6	SE	5	E	7	E	6	E	4	E	3	NE	5	NE	12	NE	10	NE	13	NE	17	NE	22	NE	20	NE	18
25	NE	7	NE	12	NE	13	NE	12	NE	18	NE	18	NE	14	NE	23	NE	26	NE	20	NE	17	NE	17	NE	15	NE	16	NE	15
26	SE	3	NE	6	NE	8	NE	8	NE	9	NE	7	NE	9	NE	12	NE	15	NE	15	NE	16	NE	17	NE	19	NE	15	NE	13
27	SE	3	E	6	E	4	E	8	E	10	E	8	NE	10	NE	16	NE	16	N	20	N	18	NE	17	N	19	N	20	N	19
28	NE	5	SE	4	SE	7	SE	4	SE	5	SE	2	SE	3	SE	2	N	4	NW	13	NW	13	NW	13	W	18	W	11	W	5
29	Calma	1	SW	6	SW	4	SW	3	W	5	SW	5	SW	6	SW	10	S	9	S	8	S	7	S	8	S	9	S	6	S	8
30	SE	7	SE	7	SE	5	SE	5	SE	5	SE	4	SE	5	SE	8	E	8	E	8	E	10	E	10	E	12	E	12	E	4
31	E	7	NE	9	NE	9	NE	10	NE	9	NE	10	NE	8	NE	7	NE	15	NE	14	NE	14	NE	14	NE	13	NE	12	NE	10
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE		NE	
NÚMERO DE HORAS	9		11		10		11		9		9		9		10		10		9		8		10		9		13		13	
PROM. HOR. DE LA VELOCIDAD		7		8		8		8		8		7		8		10		13		12		12		13		14		14		14

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NE	14	E	11	E	8	E	6	SE	5	SE	3	E	7	E	7	NE	10	NE	17	10	20	NE	14.05
NE	14	NE	14	E	10	E	11	E	9	E	8	E	12	E	11	E	7	NE	12	12	18	N	8.30
N	16	NE	14	SE	5	S	3	SE	3	SE	4	SE	3	S	4	SE	4	S	10	8	20	SW	7.47
S	5	S	5	S	6	S	6	SW	3	SW	3	SW	8	SW	7	SW	8	SW	10	5	10	W S	9.17 17.20
SE	11	SE	9	SE	9	SE	5	SE	5	SE	4	SE	9	SE	7	SE	8	SE	13	7	21	SE	14.44
NE	13	NE	11	NE	8	NE	6	NE	7	NE	3	NE	6	NE	9	NE	10	NE	12	6	13	SE NE	0.16 14.54 15.12
NW	21	NW	16	W	10	SW	6	S	6	SE	4	SE	4	Calma	1	Calma	0	NW	7	14	37	NW	11.34 12.40
NE	11	NE	12	E	11	E	10	E	9	E	10	E	11	E	11	E	11	E-SE	9	7	16	NE	14.01
E	12	E	10	E	12	E	9	E	8	SE	7	SE	12	SW	15	SW	13	E	12	11	43	SW	21.56
S	6	S	7	S	5	S	4	S	5	S	7	S	5	S	5	S	3	S	21	6	26	S	1.14
SW	8	W	7	W	4	N	8	N	8	N	8	N	9	N	8	NW	10	W-NW	6	6	20	NW	14.06
S	18	S	15	S	13	S	9	S	6	SW	6	SW	4	SW	5	SW	9	SW	12	12	32	N	8.28
S	7	SE	3	SE	2	NE	5	NE	4	N	4	NE	2	NE	6	NE	6	S	13	5	21	SW	11.48
NE	21	NE	23	NE	18	NE	14	NE	15	NE	13	NE	13	NE	11	NE	17	NE	14	14	29	E	12.42
NE	24	NE	14	E	8	E	7	E	7	E	14	NE	21	E	23	NE	26	NE	19	20	33	NE	23.16
NE	26	NE	24	E	17	SE	7	SE	4	SE	2	SE	4	Calma	1	S	3	NE	13	16	44	E	15.04
SW	22	SW	22	SW	15	SW	21	SW	17	SW	19	SW	15	SW	16	SW	15	SW	19	14	39	SW	14.10
SW	15	SW	12	SW	11	SW	7	SW	5	W	5	W	7	W	7	W	7	SW	20	12	29	SW	9.29 10.08
SW	10	SW	10	S	7	S	5	S	5	S	3	S	3	SE	4	E	4	NW	8	9	26	SW	11.19
E	8	NE	7	E	8	E	5	E	6	E	7	E	9	E	7	E	4	E	13	7	26	NE	11.59
N	13	N	15	N	10	N	6	NE	5	NE	7	NE	6	NE	4	NE	4	N	13	11	24	N	9.04
NW	9	N	8	NE	3	NE	6	NE	6	NE	4	E	5	E	4	E	3	N	16	8	19	N	12.18
NE	14	NE	10	E	8	E	8	E	7	E	7	E	7	E	8	E	7	E	11	7	18	N	11.52
E	17	E	10	E	9	E	8	E	9	E	6	E	6	E	6	E	4	E	15	10	20	NE	15.24
NE	16	NE	12	E	8	E	6	E	6	E	5	E	4	E	4	SE	3	NE	17	13	26	NE	8.56 9.36
NE	14	NE	11	E	9	E	8	E	8	E	10	E	8	E	4	E	4	NE	16	10	19	N	12.24
N	13	SW	20	SW	14	SW	12	E	10	NE	9	NE	10	N	7	NE	5	NE-N	7	12	30	NE	13.08
NW	8	S	2	S	4	SW	3	SW	9	S	4	SE	2	Calma	1	W	2	SE	8	6	26	W	12.06
S	8	S	7	SW	4	SW	3	SW	2	S	2	S	5	SE	6	SE	8	SW	9	6	13	SW	12.26
E	8	E	6	E	5	E	5	E	6	E	5	E	6	E	5	E	5	E	16	7	13	SE	0.33
NE	10	E	8	E	8	E	7	E	4	SE	5	SE	5	E	6	E	6	NE	15	9	16	NE	9.04
NE		NE		E		E		E		E		E		E		E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
10		10		13		12		8		9		10		12		10		NE	206	10	DIRECCIÓN	DÍA	HORA
	13		11		9		7		7		6		7		7		7				NE	16	de 14.30 a 14.45

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1			17	205	5	39	2	8										252
2	5	68	12	145	7	68												281
3	1	16	5	36	2	16	6	29	10	88								185
4			3	16	2	6	3	13	5	25	10	58	1	9				127
5							13	81	11	52								133
6			12	93	3	16	9	39										148
7	6	100	4	41			2	8	1	6	1	6	1	10	7	163	2	335
8			5	45	9	84	9	46	1	2								177
9			8	106	12	123	2	19			2	28						276
10							2	10	21	126	1	11						147
11	5	41							2	4	2	10	6	32	6	55	3	145
12									6	76	12	145	2	21	4	47		289
13	1	4	5	23			2	5	13	86	3	12						130
14	10	128	14	203														331
15			19	411	5	59												470
16			13	296	5	66	4	17	1	3							1	383
17							2	7	2	8	19	309					1	325
18											20	273	4	26				299
19					1	4	1	4	5	23	7	94	2	27	8	75		227
20			1	7	13	118	7	28	2	5							1	159
21	13	198	10	61	1	4												263
22	16	150	4	19	3	12									1	9		190
23			10	82	11	72	3	11										165
24			8	117	15	109	1	5										231
25			17	271	6	33	1	3										307
26			16	194	7	51	1	3										248
27	7	116	7	83	6	46	1	3			3	46						294
28	1	4	1	5			8	29	3	10	2	12	4	36	4	47	1	144
29							2	14	11	77	9	41	1	5			1	138
30					16	115	8	46										161
31			15	164	7	46	2	10										220
SUMAS	65	825	206	2623	136	1087	91	438	94	591	91	1045	21	166	30	396	10	7180
% PREVAL POR VELOCIDAD	11.5		36.5		15.1		6.1		8.2		14.6		2.3		5.5		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		13		8		5		6		11		8		13		1	232

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	9	5	7	5	1		2	1
1 - 2	1	11	3	8	3	2		2	1
2 - 3	2	10	3	6	5	2		2	1
3 - 4	2	11	3	5	4	2		2	2
4 - 5	3	9	4	5	5	2	2	1	
5 - 6	3	9	4	6	2	4	1	1	1
6 - 7	4	9	3	7	1	5	1	1	
7 - 8	4	10	2	5	4	4	1	1	
8 - 9	6	10	3	2	5	3	2		
9 - 10	6	9	2	2	5	3	2	2	
10 - 11	5	8	5		5	5		3	
11 - 12	4	10	3	2	4	5		3	
12 - 13	4	9	5	1	4	5	1	2	
13 - 14	3	13	2	1	4	5	1	2	
14 - 15	3	13	2	1	3	6	2	1	
15 - 16	3	10	4	1	5	4		3	
16 - 17	2	10	5	2	5	4	1	1	
17 - 18	1	3	13	3	5	4	2		
18 - 19	2	4	12	2	5	6			
19 - 20	1	5	12	4	4	5			
20 - 21	2	5	9	7	4	3	1		
21 - 22	1	6	10	7	3	3	1		
22 - 23	2	4	12	3	2	4	1		3
23 - 24		7	10	4	2	4	2	1	1
SUMAS	65	206	136	91	94	91	21	30	10
% de frec. por dirección	8.7	27.8	18.3	12.2	12.7	12.2	2.8	4.0	1.3

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	51.7	30.5	1.72	4	3	5	
	10	53.6	32.0	1.76	4	3	5	
	12	56.5	34.5	1.79	2	3	5	
	14	56.1	35.1	1.71	2	5	5	
	15	54.2	34.5	1.60	1	5	5	
2	9	50.7	31.0	1.60	0	5	5	
	10	54.5	33.8	1.68	0	5	5	
	12	59.6	36.8	1.85	2	3	5	
	14	40.9	32.5	0.68	6	3	5	
	15	54.8	36.0	1.53	2	5	5	
3	9	31.8	23.8	0.65	10	0	5	
	10	42.0	26.5	1.26	10	1	5	
	12	34.5	25.5	0.73	10	0	5	
	14				10	0	4	Z.
	15				10	0	4	LL.
4	9	24.7	22.5	0.18	10	0	5	
	10	28.7	32.2	0.45	10	0	4	B.
	12	31.2	24.5	0.54	10	0	4	B.
	14	28.7	24.0	0.38	10	0	4	B.
	15				10	0	4	Z.
5	9	40.0	23.0	1.38	8	3	5	
	10	41.8	24.2	1.43	8	3	5	
	12	51.4	28.7	1.84	9	4	5	
	14	50.3	29.2	1.72	6	3	4	Tp.
	15	51.2	29.2	1.79	3	4	5	
6	9	43.6	22.5	1.72	10	1	2	B.
	10	43.8	24.5	1.57	10	4	4	Ds.
	12	48.8	26.5	1.81	6	5	5	
	14	49.0	27.8	1.72	0	5	5	
	15	48.5	27.5	1.71	2	5	5	
7	9				10	0	4	LL.
	10	40.6	24.5	1.31	8	1	5	
	12	50.3	31.0	1.57	6	3	5	
	14	45.2	31.5	1.11	7	3	4	
	15	48.3	32.7	1.27	6	3	5	
8	9	45.0	25.0	1.63	0	5	3	B.
	10	47.0	27.3	1.60	0	5	2	B.
	12	51.5	31.0	1.67	1	5	3	B.
	14	49.0	30.8	1.48	1	5	3	B.
	15	48.4	30.5	1.46	0	5	3	B.
9	9	48.8	29.3	1.58	6	5	5	
	10	53.5	32.0	1.75	4	5	5	
	12	50.7	33.4	1.41	10	4	5	
	14	55.2	35.8	1.58	10	3	3	B.
	15	55.0	35.3	1.60	3	5	4	B.
10	9				10	0	4	Z.,B.
	10				10	0	4	Z.,B.
	12				10	0	4	Z.,B.
	14	19.9	18.0	0.15	10	0	5	
	15	20.5	18.3	0.18	10	0	5	
11	9	45.6	24.5	1.72	0	5	5	
	10	49.3	27.3	1.79	0	5	5	
	12	52.5	30.7	1.77	0	5	5	
	14	52.0	32.0	1.63	2	5	5	
	15	51.8	31.8	1.63	0	5	5	
12	9	32.8	19.5	1.08	9	1	5	
	10	40.2	22.2	1.46	10	2	5	
	12	44.7	24.5	1.64	9	2	5	
	14	38.9	23.7	1.24	10	2	5	
	15	42.4	24.3	1.47	8	3	5	
13	9	42.9	20.7	1.80	0	5	5	
	10	47.2	24.3	1.86	0	5	4	
	12	48.9	26.2	1.84	2	5	5	
	14	44.4	26.5	1.46	8	1	5	
	15	38.5	23.4	1.23	7	3	5	
14	9	44.0	22.8	1.72	0	5	5	
	10	47.7	25.6	1.80	0	5	5	
	12	49.8	27.9	1.78	0	5	5	
	14	47.3	28.6	1.52	0	5	5	
	15	43.2	28.5	1.20	0	5	5	
15	9	46.0	25.5	1.67	0	5	4	
	10	45.5	27.7	1.45	0	5	4	
	12	51.7	31.7	1.63	0	5	4	
	14	49.7	31.9	1.45	1	5	5	
	15	47.1	32.0	1.23	1	5	5	
16	9				10	0	3	LL.
	10				10	0	3	LL.
	12				10	0	3	LL.
	14				10	0	3	LL.
	15				10	0	3	LL.
17	9				10	0	3	LL.
	10				10	0	3	LL.
	12				10	0	3	LL.
	14				10	0	3	LL.
	15				10	0	3	Z.
18	9	37.4	19.2	1.48	8	3	5	
	10	39.5	20.8	1.52	10	1	5	
	12	45.2	23.6	1.76	9	3	5	
	14	42.2	24.3	1.46	8	3	5	
	15	46.6	25.6	1.71	4	5	5	
19	9	44.0	24.1	1.62	0	5	5	
	10	47.0	26.5	1.67	0	5	5	
	12	50.3	29.1	1.72	1	5	5	
	14	44.2	28.2	1.30	5	5	5	
	15	43.8	27.9	1.29	8	4	5	
20	9	42.9	20.9	1.79	1	5	5	
	10	45.5	23.2	1.81	0	5	5	
	12	47.2	25.0	1.80	1	5	5	
	14	46.2	25.2	1.71	0	5	5	
	15	44.2	28.2	1.30	0	5	5	
21	9	42.5	21.4	1.72	0	5	5	
	10	46.5	24.2	1.81	0	5	5	
	12	49.2	27.0	1.80	0	5	5	
	14	47.7	28.0	1.60	0	5	5	
	15	46.0	27.7	1.49	0	5	5	
22	9	45.5	25.0	1.67	0	5	5	
	10	49.5	28.0	1.75	1	5	5	
	12	51.8	30.0	1.77	1	5	5	
	14	49.6	31.3	1.49	0	5	4	B.
	15	45.2	30.6	1.19	0	5	4	B.
23	9	47.5	27.2	1.65	0	5	4	B.
	10	50.3	29.5	1.69	1	5	4	B.
	12	52.6	31.2	1.74	0	5	4	B.
	14	51.8	31.0	1.69	0	5	4	B.
	15	50.2	30.7	1.58	0	5	5	
24	9	47.4	25.8	1.76	0	5	4	B.
	10	49.6	27.7	1.78	0	5	5	
	12	52.0	30.7	1.73	0	5	5	
	14	48.5	31.0	1.42	0	5	5	
	15	43.8	30.5	1.08	0	5	5	
25	9	45.5	25.5	1.63	0	5	5	
	10	49.0	28.0	1.71	0	5	5	
	12	51.2	30.0	1.72	0	5	5	
	14	51.4	30.7	1.68	0	5	5	
	15	49.5	30.0	1.58	0	5	5	
26	9	45.2	25.8	1.58	0	5	4	B.
	10	49.0	28.5	1.67	0	5	4	B.
	12	52.4	31.5	1.70	0	5	4	B.
	14	51.6	32.0	1.59	2	5	4	B.
	15	47.7	30.5	1.40	2	3	4	B.
27	9	40.1	26.3	1.12	9	2	3	B.
	10	48.7	29.0	1.60	10	2	3	B.
	12	45.0	30.9	1.15	9	1	3	
	14	41.1	30.5	0.86	10	1	3	
	15	39.0	30.0	0.73	10	1	3	
28	9	24.3	20.5	0.31	10	0	2	Ne.
	10	26.3	21.3	0.41	10	0	2	Ne.
	12				10	2	2	Ne.
	14				10	0	2	Ne.
	15				10	0	2	Ne.
29	9	45.3	25.9	1.58	0	5	5	
	10	47.8	27.8	1.63	0	5	5	
	12	50.4	30.4	1.63	4	3	5	
	14	49.5	30.5	1.54	0	5	5	
	15	47.5	30.0	1.42	0	5	5	
30	9	42.0	22.5	1.58	0	5	4	B.
	10	34.0	22.5	0.93	10	0	4	B.
	12	46.0	27.0	1.54	10	0	4	B.
	14	37.7	25.0	1.03	7	1	4	B.
	15	35.0	23.8	0.91	9	2	4	B.
31	9	43.4	23.7	1.60	6	3	5	
	10	47.9	25.9	1.79	7	5	4	
	12	49.2	27.6	1.76	7	5	5	
	14	48.8	28.0	1.69	0	5	5	
	15	46.5	27.5	1.54	0	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.7	12.8	91
2		0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	0.9		11.5	12.8	90
3					0.1	0.3									0.4	12.7	03
4															0.0	12.7	00
5				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.1	9.1	12.6	72
6	0.3	1.0	1.0	0.9	0.6	0.9	0.9	1.0	1.0	1.0	0.4	0.1			9.1	12.6	72
7					0.8	0.4	1.0	1.0	0.9	1.0	0.9	1.0	0.7		7.7	12.6	61
8		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.1	12.5	89
9		0.2	0.8	1.0	1.0	1.0	1.0	0.7	0.8	1.0	0.7	0.1			8.3	12.5	66
10													0.2		0.2	12.4	02
11		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	12.4	97
12		0.5	0.9	0.9	0.9	1.0	1.0	0.7	0.3	1.0	0.9	0.5			8.6	12.4	69
13	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.7	0.9	0.9	0.9		11.5	12.3	93
14		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	12.3	98
15		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.8	12.3	96
16															0.0	12.2	00
17															0.0	12.2	00
18				0.2		0.1	0.8	0.7	1.0	1.0	1.0	1.0	1.0		6.8	12.2	56
19		0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.2	0.4			9.4	12.2	77
20		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	12.1	97
21		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.9	12.1	98
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	12.1	96
23		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.6	12.0	88
24		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		10.8	12.0	90
25		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	11.9	92
26		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.6	11.9	89
27			0.2	0.6	0.5	1.0	0.8	0.6	0.8						4.5	11.9	38
28															0.0	11.8	00
29			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		9.9	11.8	84
30		0.4	1.0	1.0	0.9	0.8	0.5	0.9	1.0	0.6	0.4	0.1	0.2		7.8	11.7	67
31		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.5	11.7	90
Medias	0.0	0.4	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.0	8.1	12.2	66

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	24.3	29.8	27.7	23.9	27.0	26.6	23.8	24.4	25.3	24.4	24.4	24.9	25.8	25.7	25.7
2	25.4	30.6	28.4	24.8	27.7	27.2	24.5	25.1	25.9	24.9	24.9	25.4	26.0	26.0	26.0
3	26.1	27.2	26.0	25.4	26.0	25.3	25.0	25.0	24.8	25.3	25.3	25.1	26.2	26.2	26.2
4	24.4	25.7	25.2	24.1	24.7	24.5	23.9	23.9	24.0	24.6	24.3	24.3	25.9	25.7	25.6
5	23.4	26.8	24.8	23.1	25.1	24.5	23.0	23.4	23.8	23.8	23.8	24.0	25.3	25.3	25.2
6	20.8	25.4	23.8	21.3	23.7	23.3	22.2	22.3	22.9	23.4	23.1	23.2	25.1	25.0	24.7
7	21.9	25.2	24.9	21.7	23.2	23.9	21.9	22.0	22.9	23.0	22.8	22.9	24.7	24.6	24.5
8	21.8	26.9	25.2	21.8	24.7	24.5	22.1	22.6	23.5	22.9	22.9	23.3	24.5	24.5	24.4
9	23.2	28.2	26.8	22.8	25.6	25.6	22.7	23.5	24.3	21.3	23.6	23.9	24.6	24.7	24.7
10	24.0	24.2	23.3	23.5	23.5	23.1	23.2	23.0	22.8	23.8	23.5	23.3	24.7	24.9	24.8
11	19.6	26.0	23.9	20.3	23.7	23.9	20.1	21.6	22.6	22.5	22.2	22.6	24.4	24.2	24.0
12	21.3	24.6	22.2	21.2	22.9	22.1	21.4	21.6	21.9	22.4	22.2	22.4	24.2	24.0	23.9
13	18.5	23.8	21.7	19.1	22.1	21.6	20.1	20.5	21.3	21.6	21.3	21.6	23.6	23.4	23.3
14	18.3	23.9	22.4	18.7	21.6	21.7	18.7	20.1	21.0	21.1	20.9	21.3	23.3	23.1	22.9
15	20.2	25.4	24.0	20.0	23.0	23.1	20.1	20.8	21.8	21.1	21.1	21.6	23.0	23.0	23.0
16	22.8	22.4	22.2	22.0	21.8	21.7	21.5	21.2	21.0	22.0	21.8	21.6	23.2	23.2	23.2
17	22.2	21.6	20.8	21.4	21.0	20.4	20.9	20.8	20.3	21.4	21.2	21.1	23.0	22.7	22.6
18	18.7	21.2	20.6	18.5	19.8	20.1	19.0	20.1	19.5	20.3	22.1	20.1	22.3	22.1	21.9
19	18.1	22.8	21.4	18.0	20.8	20.9	18.5	19.0	19.9	19.8	19.6	20.1	21.8	21.7	21.6
20	18.0	22.2	20.9	18.2	20.5	20.4	18.8	19.0	19.8	20.0	19.8	20.1	21.7	21.7	21.6
21	18.1	22.4	20.8	18.1	20.4	20.2	18.6	18.9	19.6	19.8	19.6	19.8	21.6	21.5	21.4
22	18.0	23.4	22.3	18.0	20.9	21.3	18.4	18.8	20.1	19.6	19.4	20.0	21.5	21.4	21.4
23	19.4	24.3	22.8	18.2	22.1	21.9	19.4	20.0	20.8	20.2	20.2	20.6	21.7	21.7	21.8
24	20.6	24.6	23.2	20.2	22.5	22.3	20.0	20.6	21.2	20.7	20.7	21.1	22.1	22.1	22.1
25	21.0	24.8	23.2	21.5	22.6	22.5	20.4	20.8	21.5	21.0	21.0	21.3	22.3	22.4	22.3
26	21.0	25.0	23.6	20.5	22.7	22.8	20.5	20.9	21.5	21.2	21.1	21.5	22.6	22.5	22.5
27	21.4	24.7	23.0	20.9	22.6	22.4	20.6	21.1	21.4	21.2	21.2	21.4	22.6	22.6	22.6
28	21.8	22.2	22.4	21.2	21.4	21.4	20.8	20.6	20.8	21.3	21.2	21.1	22.6	22.5	22.5
29	21.4	24.6	23.0	20.6	22.7	22.5	20.3	20.8	21.4	20.8	20.9	21.4	22.3	22.3	22.4
30	20.6	23.4	22.3	20.3	21.7	21.8	20.4	20.5	21.0	21.2	21.0	21.1	22.5	22.4	22.3
31	20.4	23.5	22.3	20.0	21.7	21.7	20.1	20.3	20.9	20.9	20.7	21.0	22.3	22.3	22.2
Prom.	21.2	24.7	23.4	20.9	22.9	22.7	21.0	21.4	21.9	21.8	21.9	22.0	23.5	23.4	23.3

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	1.0	1.9	2.1	5.2							7253
2					0	1.2	2.3	1.9	5.3							7259
3					2	1.1	0.9	0.4	1.3							7287
4	1.3	2.0	1.6	0.0	0	0.0	0.5	0.4	1.1	F.6	3.6	9.0	17.4			7269
5	0.0	0.0	0.0	0.0	0	0.2	1.4	1.8	4.1							7291
6					0	0.9	1.9	2.0	5.5							7338
7	0.0	0.7	0.0	0.0	0	1.6	3.1	2.5	6.1							7204
8					0	0.5	1.5	1.6	4.0	-	-	-	-			7326
9					0	0.9	2.0	1.9	4.8							7338
10	2.2	2.4	2.4	-	1	0.9	0.3	0.6	1.5							7347
11	0.0	1.7	1.2	-	1	0.6	1.9	2.3	5.5							7364
12					0	1.3	2.5	2.4	5.8							7383
13					0	0.9	2.1	1.8	4.1	F.7	6.6	9.2	14.4	16.5		7412
14					0	0.2	3.0	2.9	8.3							7417
15					0	2.4	2.6	2.1	6.8							7400
16					2	2.1	0.3	0.2	0.7							7402
17	31.1	33.8	33.2	-	2	0.2	0.2	0.5	1.8							7361
18	9.9	10.5	10.1	8.0	2	1.1	1.0	1.6	3.7							7390
19					2	1.1	1.6	2.3	4.3							7398
20					1	0.4	1.8	1.4	3.6							7468
21					0	0.4	2.2	2.2	4.7							7468
22					0	0.3	2.4	1.6	4.2							7457
23					0	0.2	2.0	1.8	4.3							7477
24					0	0.5	2.2	1.8	4.7							7478
25					0	0.7	2.3	1.9	4.5							7467
26					0	0.3	2.6	1.8	5.0							7471
27					2	0.6	2.7	1.1	4.1							7468
28	6.1	7.9	7.8	3.6	2	0.3	0.4	0.2	0.6							7482
29	7.6	9.0	7.2	7.2	2	0.0	1.5	1.8	3.7							7493
30					2	0.4	1.2	0.8	2.5	F.8	18.9	19.8	16.5			7521
31					1	0.5	1.6	1.3	3.5							7525
Prom.	58.2	68.0	63.5	18.8	-	0.7	1.7	1.6	4.0	-	-	-	-	-	-	7394

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
26.0	26.0	25.8	24.7	24.8	24.8	22.5	20.5	14.5	Ca. m. t. y n., r. B. m.
26.1	26.2	26.1	24.8	24.8	24.7	22.5	20.5	17.8	Ca. m. y n., Variable t.
26.3	26.3	26.2	24.7	24.7	24.7	22.5	20.6	18.4	Cn. m. t. y n., r. m. y n., Z. t., Ns. n.
26.0	25.9	25.7	24.7	24.7	24.7	22.7	20.7	16.5	Cn. m. t. y n., Z. t., B. t.
25.4	25.4	25.1	24.5	24.7	24.7	22.7	20.7	15.2	Cn. m., Variable t., Ca. n., dv.B. m.
25.2	25.3	24.9	24.1	24.5	24.5	22.7	20.6	3.7	Cn. m. y n., Ca. t., r. m.
24.9	24.9	24.7	24.0	24.2	24.4	22.7	20.7	11.8	Cn. m. y t., Ca. n., Z. m., B. t.
24.7	24.8	24.6	24.0	24.3	24.2	22.7	20.7	9.5	Ca. m. t. y n., r. m. y n., B. m. t. y n.
24.8	24.9	24.7	24.2	24.3	24.2	22.7	20.7	15.6	Cn. m. y t., Ca. n., r. m., B. m. t. y n.
24.9	24.9	24.8	24.2	24.2	24.0	22.8	20.8	17.6	Cn. m. y t., Ca. n., LL. m., r. n.
24.5	24.5	24.1	23.7	23.9	23.9	22.7	20.8	4.6	Ca. m. t. y n., r. m. y n.
24.2	24.2	24.0	23.7	24.0	23.8	22.7	20.8	10.8	Cn. m. y t., Variable y Ca. n., r. m.
23.9	23.9	23.5	23.3	23.7	23.6	22.7	20.8	0.2	Ca. m. y n. Cn. t., r. m. y n., B. m.
23.5	23.5	23.2	23.3	23.5	23.5	22.7	20.9	2.5	Ca. m. t. y n.,r. m.
23.3	23.4	23.2	23.2	23.4	23.3	22.7	20.9	11.1	Ca. m. t. y n., R.Hw. y N. n.
23.4	23.5	23.3	23.4	23.2	23.3	22.7	21.0	17.9	Cn. m. t. y n., Ru. m., LL. m. t. y n.
23.2	23.0	22.9	23.2	23.2	23.0	22.7	21.0	18.8	Cn. m. t. y n., LL. m. y t., Ne. m.
22.5	22.4	22.1	22.9	23.0	22.9	22.7	21.0	9.0	Cn. m. y t., Ca. n., r. n.
22.0	22.0	21.8	22.7	22.8	22.8	22.6	21.0	6.9	Ca. m. t. y n., r. m. y n.
21.9	22.0	21.8	22.5	22.6	22.6	22.6	21.0	6.8	Ca. m. t. y n., r. m. y n.
21.9	22.0	21.7	22.3	22.5	22.5	22.6	21.0	5.1	Ca. m. t. y n., r. m. y n.
21.8	21.9	21.7	22.2	22.3	22.3	22.5	21.0	6.0	Ca. m. t. y n., r. m. y n., B. t., Ne. n.
22.0	22.1	21.9	22.2	22.4	22.3	22.5	21.0	8.5	Ca. m. t. y n., r. m. y n., B. m. y t.
22.3	22.3	22.3	22.2	22.3	22.3	22.5	21.0	-	Ca. m. t. y n., r. m. y n.
22.5	22.7	22.5	22.2	22.3	22.3	22.5	21.0	11.5	Ca. m. t. y n., r. m. y n.
22.7	22.8	22.7	22.3	22.4	22.4	22.4	21.1	10.8	Ca. m. t. y n., r. m., B. t.
22.8	22.9	22.7	22.3	22.4	22.4	22.4	21.0	10.0	Cn. m. t. y n., r. B. m., Ru. LL. t., LL. n.
22.8	22.7	22.6	22.3	22.4	22.4	22.3	21.0	15.0	Cn. m. t. y n., N. m., LL. Ne. t., Z. n.
22.4	22.4	22.3	22.3	22.4	22.4	22.3	21.1	13.3	Ca. m. t. y n., r. m. y n., Ne. m.
22.5	22.5	22.4	22.2	22.4	22.3	22.3	21.1	10.8	Ca. m. y n., Cn. t., r. m. y n.
22.4	22.5	22.3	22.2	22.4	22.3	22.3	21.1	11.7	Ca. m. t. y n., r. m. y n.
23.6	23.7	23.5	23.2	23.4	23.3	22.6	20.9	11.2	

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	Teóricas Astronómicas	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.2	62.5	6	9	52.3	9	18	21.4	27.1	16.4	31.6	9	14	8.8	6	6	6.9	12.6	55
2ª	57.2	64.3	20	21-24	50.4	18	15-16	17.4	23.3	11.2	28.4	15	16	6.5	13	6	8.4	12.3	68
3ª	61.7	66.8	23	9	55.9	27	11	19.5	25.7	14.2	29.0	27	13	10.2	21	6	9.0	11.9	76
MES	58.4	66.8	23	9	50.4	27	11	19.4	25.4	13.9	31.6	9	4	6.5	13	6	8.1	12.2	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	75	99	4	37	7	14.0	19.0	5.8	NE	10	32	7	28	7	11-13	43	SW	9	21.56	5.1	2.4	10	-	-	-
2ª	71	100	11,13-14 17,20	22	13	10.0	16.6	4.4	SW	13	40	15/16	34	16	14-15	44	E	16	15.04	36.0	33.8	17	7.5	16	12-13
3ª	77	100	28-29	30	21	12.3	17.0	5.4	NE	11	28	21/25	26	25	8-9	30	NE	27	13.08	16.9	9.0	29	4.0	28	13-14
MES	74	100	11,13-14 17,20 28-29	22	13	12.1	19.0	4.4	NE	13	40	15/16	34	16	14-15	44	E	16	15.04	28.0	33.8	17	7.5	16	12-13

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	-	-	-	-	-	-	1	3	-	6	-
2ª	7	-	-	-	-	-	-	-	-	-	-	4	2	-	3	-
3ª	10	-	-	-	-	-	-	-	-	-	-	6	2	-	7	-
MES	23	-	-	-	-	-	-	-	-	-	-	11	7	-	16	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II ABRIL 1947 N.° 4

RESUMEN MENSUAL

Con la llegada de aire fresco a la provincia de Buenos Aires, el día primero por la tarde se producen abundantes lluvias. Regístranse en este Observatorio 49 mm. En los días subsiguientes el tiempo se mantiene nublado e inestable. La temperatura alcanza sus valores extremos mensuales los días 7 y 8 con 28.8 y 15.9°C respectivamente. La humedad absoluta máxima es de 17.7 mm. Con dos corrientes de aire fresco (el 8 y el 10) termina el decenio.

Durante el buen tiempo de los primeros cinco días de la segunda década el viento predominante del S cambia al sector N. En consecuencia el aire fresco y seco reinante se transforma rápidamente en caluroso y húmedo. Cabe destacar esto sobre todo en las temperaturas mínimas diarias que, de 4.5° C el 11 ascienden hasta 13.2°C el 15, y en la humedad absoluta que en este mismo período repunta de 6.4 hasta 16.0 mm. El 15 comienza a descender fuertemente la presión hasta alcanzar su valor mínimo mensual el 16. El choque del aire frío que avanza desde el Sud del país con el cálido y húmedo del Norte provoca intensas lluvias (59 mm. en este Observatorio) y tormentas eléctricas. Desde el 17 hasta el 20 un extenso anticiclón que cubre casi toda la República origina tiempo bueno y fresco en la región de la Capital Federal.

El 21 otra ola de aire fresco eleva nuevamente la presión que alcanza el 23 el valor máximo mensual. En estas circunstancias el 24 se registra también el valor mínimo de la temperatura con 3.0°C. Hasta el 25 el tiempo se mantiene bueno. El 26 con predominio del viento del sector N aumenta considerablemente la nubosidad; así, el tiempo nublado y húmedo con ligeras lluvias se mantiene hasta el 29. El último frente frío del mes, con lluvias, pasa por el Observatorio la noche del 30. El cielo se aclara luego rápidamente; con buen tiempo y el valor mínimo de la humedad finaliza el mes.

A causa de los repetidos frentes de aire fresco y de la alta presión sobre el continente, el promedio mensual barométrico resulta ser de 1.5 superior y la temperatura a su vez inferior respecto al promedio del valor normal respectivo.

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	43	41	58	51	23	21	23	28	27	15	24	34	-	-	-
2	-	-	-	-	-	-	134	155	173	140	167	120	100	88	82
3	138	161	-	-	-	-	-	-	-	120	136	144	136	132	120
4	44	36	52	60	36	20	- 4	8	48	24	56	38	52	72	68
5	34	38	14	∞	23	27	34	43	44	47	48	39	47	49	58
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+ ∞
7	54	68	120	100	72	78	102	96	56	54	56	50	40	48	48
8	14	24	24	14	20	12	38	84	70	40	46	44	54	42	50
9	32	24	32	74	80	88	48	112	112	-	-	-	-	-	-
10	24	52	54	50	+ ∞	32	+ ∞	66	46	66	64	54	58	56	68
11	36	-	-	-	-	-	-	26	36	142	132	126	118	102	100
12	62	52	44	44	50	62	62	94	124	-	-	-	-	-	-
13	34	56	56	34	48	40	24	28	56	88	94	75	68	80	84
14	67	47	27	31	44	36	58	63	46	70	82	86	92	88	88
15	32	18	30	36	30	22	0	20	16	36	58	64	72	70	70
16	14	10	- 2	5	2	5	8	4	-	-	-	-	-	-	-
17	24	32	38	50	64	79	68	72	88	72	66	70	74	76	76
18	50	54	52	66	62	60	66	78	72	108	128	114	92	78	78
19	68	64	60	55	56	75	128	184	+ ∞	144	108	110	-	175	159
20	38	36	37	16	9	14	6	17	136	70	70	84	76	116	98
21	68	70	60	74	66	80	78	98	100	116	128	116	120	147	104
22	20	22	16	8	24	30	32	42	64	78	94	103	102	104	102
23	24	26	16	40	44	52	80	124	173	173	192	169	147	138	161
24	151	163	210	186	153	112	120	120	200	130	114	98	110	112	110
25	32	30	20	-	-	-	-	42	36	60	106	104	94	80	84
26	50	32	26	22	24	20	20	32	32	48	79	76	90	84	80
27	66	74	62	54	64	78	60	66	100	8	+ ∞	-	-	-	108
28	72	68	74	-	-	-	-	-	-	-	58	70	70	76	68
29	52	34	38	38	40	34	40	48	-	-	-	-	-	-	-
30	70	72	80	83	86	95	140	151	225	188	175	155	124	104	96
31															
Prom.	45.4	46.8	47.1	47.6	49.3	53.1	61.3	72.8	95.3	96.8	105.8	99.8	93.2	96.1	92.3

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	8.79	8.18	16.97	1.07	Ru	-	-	-	1.10	1.00	2.10	1.10	0.97	1.03	2.00	0.94
2	7.61	7.86	15.47	0.97	9.71	8.52	18.23	1.13	0.88	0.94	1.82	0.94	1.05	1.02	2.07	1.03
3	5.21	5.06	10.26	1.03	5.23	4.67	9.89	1.11	0.45	0.66	1.11	0.68	0.67	0.84	1.51	0.80
4	7.80	13.27	21.07	0.59	-	-	-	-	1.03	0.86	1.89	1.20	0.80	0.75	1.55	1.07
5	-	-	-	-	10.68	9.33	20.01	1.15	1.05	1.48	2.53	0.71	1.42	1.44	2.86	0.99
6	5.11	7.23	12.34	0.71	6.49	5.30	11.79	1.23	-	-	-	-	0.84	0.84	1.68	1.00
7	6.96	7.23	14.19	0.96	7.17	6.28	13.46	1.13	0.94	0.89	1.83	1.06	1.10	0.74	1.84	1.49
8	-	-	-	-	7.63	13.37	23.00	0.58	0.85	0.72	1.57	1.18	0.92	0.98	1.90	0.94
9	2.02	2.59	4.61	0.79	2.86	3.02	5.88	0.95	0.28	0.30	0.58	0.93	0.31	0.33	0.64	0.94
10	9.63	10.65	20.28	0.89	9.13	11.17	20.30	0.81	0.96	1.07	2.03	0.90	1.62	1.42	3.04	1.14
11	9.17	6.91	16.08	1.33	8.27	9.68	17.95	0.87	1.21	1.11	2.32	1.09	1.07	1.21	2.28	0.88
12	6.32	6.31	12.62	1.00	4.31	4.42	8.73	0.97	0.73	0.85	1.58	0.86	0.74	0.69	1.43	1.07
13	8.25	8.92	17.17	0.93	7.15	7.25	14.40	0.98	0.73	0.95	1.68	0.77	0.90	1.12	2.02	0.80
14	12.02	12.92	24.94	0.94	4.53	4.74	9.27	0.95	1.53	1.55	3.08	0.99	0.71	0.83	1.54	0.86
15	8.95	9.79	18.74	0.91	4.64	8.72	13.37	0.53	1.11	1.27	2.38	0.87	0.74	1.19	1.93	0.62
16	-	-	-	-	-	-	-	-	-	-	-	-	1.14	1.37	2.51	0.83
17	3.49	7.24	10.74	0.48	5.58	10.11	15.70	0.55	0.71	0.82	1.53	0.86	0.67	1.33	2.00	0.50
18	5.68	4.15	9.83	1.41	9.59	8.65	18.23	1.10	0.58	0.52	1.10	1.12	1.12	1.07	2.19	1.05
19	5.71	7.62	13.33	0.75	2.78	3.54	6.33	0.76	0.62	0.66	1.28	0.94	0.23	0.30	0.53	0.77
20	8.33	9.04	17.37	0.93	5.70	6.81	12.51	0.84	1.02	1.12	2.14	0.91	0.78	1.03	1.81	0.78
21	9.76	10.53	20.29	0.93	9.62	9.94	19.57	0.95	1.13	1.23	2.36	0.92	1.17	1.29	2.46	0.91
22	5.26	6.38	11.64	0.82	10.90	9.06	19.96	1.20	1.06	0.87	1.93	1.22	1.57	1.38	2.95	1.14
23	2.98	3.27	6.25	0.91	3.05	2.50	5.54	1.24	0.40	0.41	0.81	0.98	0.28	0.39	0.67	0.72
24	5.50	5.58	11.08	0.99	3.88	4.03	7.91	0.96	0.65	0.75	1.40	0.87	0.43	0.54	0.97	0.80
25	7.69	8.52	16.22	0.90	8.90	8.56	17.46	1.04	0.83	0.95	1.78	0.87	1.30	1.35	2.65	0.96
26	8.77	9.47	18.23	0.94	2.10	1.59	3.68	1.33	1.15	0.96	2.11	1.20	0.15	0.17	0.32	0.88
27	-	-	-	-	-	-	-	-	0.26	1.13	1.39	0.23	0.11	0.15	0.26	0.73
28	12.98	12.51	25.48	0.96	9.08	9.83	18.91	1.08	1.66	1.52	3.18	1.09	1.25	1.20	2.45	1.04
29	-	-	-	-	7.01	8.03	15.04	0.87	-	-	-	-	3.22	2.51	5.73	1.28
30	6.76	6.80	13.56	0.99	9.12	10.10	19.22	0.90	0.61	0.82	1.43	0.74	0.77	0.84	1.61	0.92
31																
Prom.	7.23	7.92	15.15	0.92	6.74	7.28	14.09	0.97	0.87	0.94	1.81	0.93	0.94	0.98	1.91	0.93

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
-	-	-	-∞	±∞	±∞	-	-	-		∞	-∞	-	1*
88	92	94	78	84	88	-	128	136		214	56	158	0*
120	124	90	64	116	94	28	18	40		214	10	204	1*
128	34	24	68	47	43	46	38	24		128	-28	156	2*
64	64	44	-	-	-	-	-	-		∞	∞	-	1*
+∞	147	+∞	155	167	155	98	72	58		∞	48	-	0*
50	58	52	26	22	20	38	36	20	56.8	175	-10	185	1
58	48	44	-	-	-	-	16	32		124	2	122	0*
-	-	-	-	-	-	-	-	-		147	12	135	1*
82	80	72	74	68	60	68	72	42		∞	-231	-	2*
94	76	62	60	52	60	52	60	68		175	20	155	0*
-	70	80	80	179	112	82	66	48		∞	-48	-	1*
64	58	68	72	70	88	85	70	78	73.2	206	10	196	0
82	92	94	60	98	40	24	32	26	61.1	151	2	149	0
62	48	40	36	20	18	26	-46	-48		110	-218	328	2
-	36	30	14	18	20	38	56	40		68	-44	112	3*
80	72	62	86	78	34	66	52	52	63.4	114	-12	126	1
70	64	56	76	52	54	68	68	60	71.9	153	-52	205	1
108	20	50	48	60	56	48	64	40		∞	- 8	-	1*
92	76	88	116	78	88	72	76	68	65.3	190	- 4	194	1
76	56	38	84	60	28	18	28	18	76.3	190	- 6	196	1
100	92	78	140	136	120	62	28	26	67.6	181	- 3	184	1
159	156	98	120	136	96	167	155	167	117.2	∞	0	-	0
-	138	96	46	16	28	32	40	34		∞	0	-	0*
80	100	130	82	78	50	42	48	46		171	0	171	0*
86	123	138	92	84	149	108	66	48	67.0	182	0	182	0
140	138	155	169	182	181	120	100	76		∞	-229	-	1*
72	78	88	46	-	-	-	68	64		177	24	153	0*
-	22	24	18	20	26	44	62	64		∞	-∞	-	3*
106	100	90	92	94	98	80	86	84	111.4	∞	40	-	0
87.7	86.1	78.4	87.6	81.6	74.1	71.6	63.4	58.8	74.6				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
20	32	Ru	2.24	-	809	681	1490	1.19	-	0.58
140	128	94	7.76	6.49	1102	918	2020	1.20	-	0.30
124	142	124	5.25	6.24	1117	1000	2117	1.12	0.34	0.28
60	24	37	1.51	1.91	710	641	1351	1.11	0.27	-
49	41	60	3.46	5.72	989	480	1469	2.06	-	0.24
-	-	151	-	8.46	805	446	1251	1.80	0.57	-
64	54	62	3.29	3.80	989	935	1924	1.06	0.62	-
44	42	50	2.20	3.17	647	681	1328	0.95	0.73	1.79
-	-	-	-	-	247	310	557	0.80	1.31	3.16
60	54	78	3.65	7.90	884	807	1691	1.10	1.67	0.28
132	136	70	10.52	5.32	1278	1238	2516	1.03	-	1.02
-	-	62	-	2.96	1291	1008	2299	1.28	1.32	0.80
96	78	52	4.37	3.50	811	689	1500	1.18	0.64	1.83
80	84	92	8.62	4.72	1186	1134	2320	1.04	-	-
62	58	44	4.60	2.63	754	610	1364	1.24	-	0.57
Ru	Ru	38	-	3.18	492	1048	1540	0.47	0.40	-
66	68	68	3.47	4.53	993	911	1904	1.09	-	0.78
126	118	70	4.33	4.38	433	-	433	-	-	-
104	108	24	4.61	0.42	362	496	858	0.73	0.19	-
74	88	74	6.28	4.46	729	805	1534	0.90	-	0.59
132	118	44	9.28	3.61	1190	792	1982	1.50	0.59	-
92	110	88	7.08	8.65	1249	1270	2519	0.98	-	0.85
192	175	144	4.72	3.22	851	687	1538	1.24	1.32	1.09
134	134	140	6.25	4.53	1041	972	2013	1.07	0.25	0.78
108	112	106	6.64	9.36	1165	1146	2311	1.02	1.07	1.12
83	70	144	4.92	1.54	1085	1058	2143	1.03	0.36	0.96
+∞	Ru	138	-	1.20	563	2148	2711	0.26	-	-
60	76	84	8.06	6.86	1100	1018	2118	1.08	-	1.40
+∞	-	28	-	5.35	991	3926	4917	0.25	2.47	2.07
163	159	96	7.58	5.15	1064	932	1996	1.14	0.41	-
94	92	80	5.45	4.62	897	959	1857	1.03	0.81	1.02

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	60.2	59.7	58.8	58.7	58.6	58.6	58.5	58.5	58.1	57.5	57.0	56.8	57.0	56.6	55.0
2	54.8	54.2	56.0	56.8	57.2	58.2	59.6	61.1	61.2	62.0	62.5	62.4	62.1	62.2	62.5
3	64.7	64.3	63.8	63.8	63.8	64.1	64.3	64.4	64.3	64.0	63.7	63.6	62.9	62.2	61.5
4	58.3	57.8	57.1	56.4	56.4	56.4	57.0	56.6	56.5	56.6	56.5	56.6	56.0	55.6	54.8
5	54.9	55.1	54.4	53.9	54.4	54.3	55.3	55.6	55.6	55.6	55.5	55.9	56.0	56.0	56.0
6	59.3	59.5	59.4	59.4	59.8	60.1	60.3	60.6	60.7	60.4	60.3	60.0	59.4	58.8	58.6
7	58.2	58.2	58.2	58.0	58.0	58.0	58.0	58.0	57.8	57.3	57.0	56.2	55.9	55.7	55.2
8	55.8	55.4	55.2	54.9	55.2	55.3	55.9	56.1	56.2	56.3	56.3	56.4	56.3	55.6	55.9
9	60.0	59.8	59.9	60.1	60.2	60.3	60.6	61.0	60.9	60.9	60.3	59.8	59.1	58.8	58.6
10	58.0	58.0	57.7	57.5	57.8	58.1	58.3	58.4	58.6	59.0	58.9	59.3	59.3	59.4	59.8
11	63.9	63.8	63.4	63.4	63.5	63.6	64.2	65.2	65.2	65.4	65.3	64.9	64.5	64.2	63.8
12	63.6	63.5	63.4	63.2	63.2	63.6	63.8	64.2	64.2	64.0	63.7	63.5	62.8	62.2	61.9
13	61.6	61.5	61.3	61.3	61.6	62.0	62.2	62.4	62.5	62.3	61.9	61.5	60.8	60.4	60.0
14	60.7	60.4	59.9	59.9	60.1	60.6	60.8	61.0	61.2	60.9	60.8	60.6	59.9	59.9	59.7
15	58.4	58.3	57.8	57.5	57.6	57.3	57.4	58.0	57.7	57.6	57.2	56.4	55.9	55.6	54.9
16	53.5	52.3	51.4	50.9	50.6	50.2	50.4	50.2	50.8	51.2	51.3	51.9	51.1	50.9	52.2
17	57.6	57.9	57.5	57.6	57.6	58.3	59.3	60.0	60.2	60.7	60.8	60.8	60.3	60.4	60.6
18	62.0	62.1	61.7	61.7	61.8	61.8	62.4	62.7	62.8	62.7	62.7	62.2	61.8	61.5	61.2
19	62.9	62.9	62.9	62.9	63.0	63.3	63.7	64.2	64.2	64.3	64.1	63.5	62.8	62.4	62.0
20	62.0	61.8	61.7	61.5	61.7	61.8	61.9	62.2	62.2	62.1	61.9	61.2	60.5	60.0	59.8
21	59.7	59.7	59.5	59.4	59.4	59.7	59.9	60.4	60.6	60.5	60.4	59.9	59.7	59.6	59.6
22	64.9	64.9	65.1	65.5	66.0	66.3	66.8	67.2	67.4	67.6	67.6	67.4	67.3	67.3	67.4
23	69.0	68.9	68.8	69.0	69.1	69.3	69.5	69.8	69.7	69.5	69.3	68.7	68.0	67.4	67.3
24	67.5	67.3	67.2	67.2	67.2	67.3	67.5	67.7	67.8	67.7	67.6	67.2	66.7	66.4	66.2
25	65.7	65.4	65.2	65.1	65.3	65.3	65.7	66.0	66.0	65.9	65.5	65.0	64.3	63.7	63.4
26	63.0	62.7	62.4	62.1	62.0	61.9	62.2	62.4	62.4	62.5	62.1	61.7	61.0	60.6	60.5
27	61.1	60.8	60.5	60.5	60.5	60.5	61.1	61.6	61.6	61.6	61.5	61.7	61.6	60.6	60.6
28	59.2	58.5	57.8	57.8	58.3	58.6	58.4	57.5	57.3	57.0	56.7	56.2	55.1	54.4	54.0
29	54.8	54.4	54.2	54.1	54.2	53.7	53.2	53.3	52.5	54.0	52.5	51.6	52.8	53.0	53.0
30	58.2	58.4	58.6	59.4	60.1	60.3	60.6	61.3	61.2	61.2	61.4	61.0	60.6	60.5	60.4
31															
Prom	60.4	60.2	60.2	60.0	60.1	60.3	60.6	60.9	60.9	60.9	60.7	60.5	60.0	59.7	59.6

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	15.0	15.2	15.4	16.5	16.6	16.7	16.8	18.2	18.3	19.0	19.0	18.9	18.1	17.6	16.9
2	16.3	16.2	16.2	16.1	16.1	15.7	15.4	15.4	15.8	16.3	17.0	18.3	19.5	20.3	20.1
3	9.2	9.4	8.9	8.5	8.7	8.9	8.9	14.1	16.4	17.5	18.1	18.6	18.7	18.8	19.2
4	12.8	13.2	13.3	13.9	14.0	14.0	13.9	14.0	14.2	14.3	15.0	15.4	15.8	16.0	16.3
5	15.9	15.8	15.9	16.0	15.8	15.9	16.0	16.2	16.4	17.2	18.6	19.2	19.6	21.4	21.3
6	14.1	14.1	13.9	13.3	13.5	12.5	12.4	17.4	19.1	21.4	23.4	24.5	25.5	25.9	25.6
7	17.2	16.5	15.3	15.0	15.4	15.5	15.5	19.4	21.6	23.7	25.7	27.1	27.8	28.4	28.7
8	20.5	20.1	19.6	18.7	18.5	17.9	18.3	21.2	22.4	23.4	24.7	24.4	24.3	23.8	23.5
9	14.4	13.4	12.4	12.2	11.4	10.5	9.6	13.1	15.5	17.4	19.2	19.6	20.3	20.3	20.1
10	16.6	16.7	16.8	16.8	16.7	16.7	16.8	17.6	17.9	18.7	20.5	20.7	21.1	21.0	20.2
11	8.2	7.3	6.8	5.9	6.0	6.2	6.2	10.2	12.9	15.8	17.7	19.1	19.9	20.7	20.6
12	8.0	8.1	8.4	8.6	8.7	8.3	8.4	12.7	15.3	17.7	19.5	20.7	21.4	21.5	20.7
13	12.7	11.6	11.0	11.2	11.4	11.5	11.3	14.9	17.7	20.1	21.6	22.5	23.0	23.4	23.2
14	12.1	12.3	12.5	12.6	12.7	12.5	12.8	15.5	18.4	21.1	22.5	24.1	24.3	25.5	25.4
15	15.6	15.2	15.2	15.3	14.7	14.8	14.5	18.0	20.0	22.6	24.1	24.9	26.7	26.6	26.0
16	21.4	21.5	22.2	22.2	21.9	21.4	21.2	21.2	16.7	15.9	15.6	13.6	13.2	13.2	13.1
17	11.9	11.9	12.0	11.9	11.6	11.2	10.6	12.2	14.5	16.4	17.6	18.7	19.5	19.8	19.5
18	8.0	8.0	8.0	7.8	8.3	8.5	8.7	13.1	15.9	18.0	19.8	20.5	21.0	21.4	21.4
19	11.5	11.3	11.4	11.4	10.5	10.2	10.1	10.8	11.8	13.2	15.1	17.7	18.6	20.0	20.3
20	11.0	10.5	11.2	11.3	11.4	11.6	11.2	14.2	16.8	19.5	20.7	22.0	22.5	22.8	22.7
21	14.2	13.3	12.7	12.3	11.9	12.1	12.1	14.0	16.0	18.9	20.6	21.2	21.9	21.8	21.9
22	12.5	12.4	12.4	12.5	11.7	10.7	9.9	10.6	12.6	13.7	15.0	15.7	15.9	15.9	15.6
23	5.8	5.6	5.6	5.6	5.7	5.8	5.7	9.6	12.6	15.0	16.2	16.9	18.0	18.1	17.7
24	7.9	7.7	7.7	7.1	7.1	6.7	6.8	11.8	17.5	19.0	19.6	19.9	19.6	19.4	19.2
25	7.5	7.1	7.9	9.2	9.6	9.8	10.2	13.0	15.1	17.5	19.1	20.0	20.6	20.7	20.7
26	13.1	13.2	13.0	12.9	12.7	12.3	12.4	13.3	15.3	17.6	19.7	21.0	22.3	22.4	22.3
27	15.3	15.5	15.7	14.9	14.7	14.7	14.9	16.0	16.8	17.2	16.7	16.8	17.0	17.8	18.0
28	17.0	17.0	17.1	17.1	17.0	16.7	16.5	16.6	17.6	17.8	19.9	21.2	21.7	22.0	21.8
29	14.0	13.4	13.4	13.5	13.5	13.9	14.0	15.3	15.6	15.7	15.2	15.7	16.3	16.6	16.4
30	10.7	10.5	10.2	9.5	8.6	8.4	7.9	10.0	12.2	14.2	15.3	16.4	17.2	17.6	17.8
31															
Prom	13.0	12.8	12.7	12.7	12.6	12.4	12.3	14.6	16.3	17.9	19.1	19.8	20.3	20.7	20.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
53.8	53.8	52.8	52.4	52.6	52.8	53.0	53.9	54.9	60.2	1	52.4	19	7.8	756.2 mm.	1008.2 mb.
62.8	62.8	63.3	63.8	64.3	64.7	64.8	64.9	64.9	64.9	23-24	54.2	2	10.7	61.2	1014.9
60.6	60.6	59.9	59.8	59.8	59.6	59.5	59.2	58.6	64.7	1	58.6	24	6.1	62.2	1016.2
54.6	55.5	55.0	54.9	55.2	54.2	54.8	55.2	55.2	58.3	1	54.2	21	4.1	56.0	1008.0
56.1	56.2	56.8	57.2	57.6	58.1	58.3	58.8	59.2	59.2	24	53.9	4	5.3	56.1	1008.1
58.6	58.3	58.3	58.4	58.6	58.7	58.7	58.6	58.3	60.7	9	58.3	17-18,24	2.4	59.3	1012.4
54.9	54.9	55.0	55.1	55.5	55.6	55.7	55.6	55.8	58.2	1-3	54.9	16-17	3.3	56.6	1008.8
56.6	57.4	57.3	58.3	58.8	58.8	59.5	59.6	60.0	60.0	24	54.9	4	5.1	56.8	1009.0
58.5	58.0	57.9	58.0	58.2	58.2	58.2	58.4	57.3	61.0	8	57.3	24	3.7	59.3	1012.4
60.6	61.2	61.8	62.4	63.0	63.4	63.7	63.7	63.7	63.7	22-24	57.5	4	6.2	60.1	1013.4
63.7	63.6	63.7	63.7	63.7	63.6	63.6	63.5	63.5	65.4	10	63.4	3-4	2.0	64.0	1018.6
61.8	61.9	62.4	62.5	62.4	62.3	61.8	61.4	61.6	64.2	8-9	61.4	23	2.8	62.9	1017.2
60.0	60.0	60.6	60.7	60.8	60.8	60.8	60.8	60.7	62.5	9	60.0	15-17	2.5	61.2	1014.2
59.6	59.6	59.5	59.1	59.1	59.0	58.6	58.5	58.4	61.2	9	58.4	24	2.8	59.9	1013.2
54.8	54.4	54.5	54.9	54.9	54.8	54.8	54.5	53.8	58.4	1	53.8	24	4.6	56.2	1008.2
51.2	51.5	52.3	53.7	55.0	55.7	56.5	56.5	56.9	56.9	24	50.2	6,8	6.7	52.4	1003.2
60.8	60.9	61.1	61.2	61.4	61.5	61.9	62.0	62.0	62.0	23-24	57.5	3	4.5	60.1	1013.4
61.3	61.6	61.7	62.1	62.2	62.5	62.8	62.8	62.8	62.8	9,22-24	61.2	15	1.6	62.1	1016.1
61.8	61.6	61.7	62.0	62.0	62.1	62.2	62.2	62.1	64.3	10	61.6	17	2.7	62.8	1017.0
59.7	59.6	59.7	59.6	59.9	60.0	59.9	59.8	59.7	62.2	8-9	59.6	17,19	2.6	60.8	1014.4
59.6	59.9	60.1	60.8	61.8	62.7	63.5	64.0	64.4	64.4	24	59.4	4-5	5.0	60.6	1014.1
67.5	67.7	68.1	68.6	68.8	68.9	69.1	69.0	68.9	69.1	22	64.9	1-2	4.2	67.3	1023.0
67.2	67.0	67.1	67.2	67.2	67.2	67.4	67.3	67.5	69.8	8	67.0	17	2.8	68.3	1024.4
65.7	65.5	65.6	65.6	65.6	65.7	65.7	65.6	65.5	67.8	9	65.5	17,24	2.3	66.6	1022.1
63.3	63.1	62.9	62.9	63.0	63.1	63.1	63.1	63.0	66.0	8-9	62.9	18-19	3.1	64.4	1019.2
60.2	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.8	63.0	1	60.2	16	2.8	61.4	1015.2
60.5	60.3	60.3	60.3	60.2	60.1	60.1	59.9	59.5	61.7	12	59.5	24	2.2	60.7	1014.2
54.1	54.1	54.2	54.2	54.4	54.5	54.8	54.8	54.4	59.2	1	54.0	15	5.2	56.1	1008.1
53.7	53.7	54.6	55.4	56.0	56.2	56.4	57.0	57.3	57.3	24	51.6	12	5.7	54.2	1005.6
60.6	60.7	61.1	61.7	62.2	62.4	62.6	62.6	62.9	62.9	24	58.2	1	4.7	60.8	1014.4
59.5	59.5	59.7	59.9	60.2	60.3	60.4	60.5	60.4	62.4		58.2		4.2	60.2	1013.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
16.8	16.4	16.6	17.3	16.6	16.5	16.7	16.3	16.3	19.0	10-11	15.0	1	4.0	17.0
19.4	19.0	16.8	14.5	13.0	11.5	10.7	10.0	9.7	20.3	14	9.7	24	10.6	15.8
18.9	17.7	15.7	14.3	12.8	12.3	12.4	12.5	12.6	19.2	15	8.5	4	10.7	13.9
16.6	16.5	16.2	15.9	15.8	15.8	15.8	15.9	15.9	16.6	16	12.8	1	3.8	15.0
22.7	22.4	19.6	17.2	15.8	15.2	14.7	14.5	14.1	22.7	16	14.1	24	8.6	17.4
25.1	24.3	21.5	19.3	18.2	17.4	16.9	17.1	17.1	25.9	14	12.4	7	13.5	18.9
27.5	27.5	24.6	22.8	21.8	21.5	21.2	20.8	20.9	28.7	15	15.0	4	13.7	21.7
21.6	20.7	18.3	17.6	17.2	17.1	15.1	15.6	14.6	24.7	11	14.6	24	10.1	20.0
20.0	19.0	17.7	17.4	16.6	16.6	15.4	15.3	15.6	20.3	13-14	9.6	7	10.7	16.0
19.2	17.5	15.4	13.3	13.0	13.0	10.5	10.0	8.6	21.1	13	8.6	24	12.5	16.5
20.3	19.7	16.4	13.3	10.3	9.5	9.2	8.6	8.0	20.7	14	5.9	4	14.8	12.4
21.3	19.2	17.2	16.0	14.6	14.1	14.5	14.1	13.7	21.5	14	8.0	1	13.5	14.7
22.9	21.3	18.3	16.3	14.6	13.6	13.2	12.5	11.8	23.4	14	11.0	3	12.4	16.3
25.3	23.3	20.2	17.2	16.7	16.6	16.9	16.6	16.2	25.5	14	12.1	1	13.4	18.0
25.2	24.1	22.6	21.8	21.6	21.6	21.6	21.6	21.6	26.6	14	14.5	7	12.1	20.6
13.2	13.6	13.9	13.3	13.0	12.7	12.1	11.9	11.9	22.2	3-4	11.9	23-24	10.3	16.2
19.0	18.2	15.6	13.2	10.9	9.9	9.3	8.6	8.3	19.8	14	8.3	24	11.5	13.8
21.2	20.1	17.1	14.9	13.8	13.6	12.7	12.4	12.4	21.4	14-15	7.8	4	13.6	14.4
20.1	18.9	15.9	14.4	12.8	11.9	11.3	10.9	11.1	20.3	15	10.1	7	10.2	13.8
22.3	20.0	17.6	16.3	15.3	15.3	15.0	14.4	14.4	22.8	14	10.5	2	12.3	16.2
22.4	21.6	18.7	17.4	16.9	15.4	14.5	13.8	13.1	22.4	16	11.9	5	10.5	16.6
14.8	13.9	12.3	10.6	8.8	7.4	6.8	6.5	6.5	15.9	13-14	6.5	23-24	9.4	11.9
17.2	15.6	13.5	11.8	10.2	10.1	9.9	9.6	8.7	18.1	14	5.6	2-4	12.5	11.3
18.6	15.5	14.1	12.3	10.6	9.1	8.7	7.9	7.7	19.9	12	6.7	6	13.2	12.6
20.1	18.5	16.3	14.9	14.8	14.5	14.5	13.8	13.7	20.7	14-15	7.1	2	13.6	14.6
21.7	20.0	17.2	16.2	15.5	14.8	15.0	15.1	15.2	22.4	14	12.3	6	10.1	16.4
17.8	17.6	17.4	17.1	16.4	16.6	16.8	17.0	17.0	18.0	15	14.7	5-6	3.3	16.5
21.4	19.9	17.9	16.6	15.5	14.6	14.4	14.0	14.0	22.0	14	14.0	23-24	8.0	17.7
16.3	16.2	16.0	15.3	14.2	14.2	12.4	11.6	10.9	16.6	14	10.9	24	5.7	14.6
17.3	15.7	12.8	10.5	8.1	6.8	6.0	4.6	3.9	17.8	15	3.9	24	13.9	11.3
20.2	19.2	17.1	15.6	14.5	14.0	13.5	13.1	12.8	21.2		10.5		10.7	15.7

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.5	11.5	11.0	11.5	11.5	12.0	12.0	12.8	12.0	12.5	11.5	11.5	13.5	14.0	13.0
2	13.5	13.0	13.0	13.0	13.0	12.0	12.0	11.3	9.5	9.0	9.0	8.0	8.0	8.2	7.4
3	7.8	7.6	7.4	7.2	7.2	7.8	7.8	9.3	8.5	8.5	8.0	7.6	6.8	7.0	7.0
4	8.5	8.5	9.0	9.0	9.0	9.5	10.0	10.6	10.5	10.5	11.0	11.0	12.0	12.4	12.0
5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.8	12.5	12.5	13.0	13.5	13.0	14.2	13.5
6	11.5	11.5	11.5	11.0	11.0	10.5	10.0	12.7	12.5	13.5	14.5	13.0	12.5	14.8	14.0
7	12.5	12.5	12.0	12.0	12.0	12.5	12.5	13.9	14.5	14.5	15.0	15.0	16.0	16.8	16.5
8	16.5	17.0	16.5	15.5	15.5	14.5	15.0	17.0	17.5	17.5	18.0	17.5	16.0	16.4	15.5
9	9.0	10.0	9.0	8.5	8.0	8.0	7.8	8.1	8.5	9.0	8.5	8.5	9.0	10.2	10.0
10	12.0	12.0	12.0	13.5	13.0	13.5	13.5	14.0	13.0	14.0	13.0	12.0	11.5	9.9	8.0
11	7.0	6.6	6.8	6.4	6.0	6.2	6.2	6.9	7.4	7.0	6.2	6.2	6.4	6.4	5.8
12	7.0	7.0	7.2	7.2	7.6	7.8	7.8	8.4	8.0	7.2	8.0	7.6	8.0	7.5	6.8
13	10.5	9.0	9.5	8.5	8.5	8.5	9.0	9.9	9.0	9.0	9.0	8.5	7.8	7.6	7.8
14	8.5	8.5	9.0	8.5	9.5	10.0	9.5	10.7	11.0	10.5	10.5	10.5	10.5	10.3	10.0
15	12.0	11.5	11.5	12.0	11.5	11.5	12.0	12.9	12.5	12.5	12.5	13.5	14.0	13.7	14.0
16	16.5	15.5	15.0	15.0	15.0	15.5	15.5	15.8	13.5	13.0	12.5	11.0	11.0	11.0	11.0
17	9.5	9.0	9.0	9.5	9.5	9.5	9.0	9.8	10.0	10.0	8.5	8.0	8.0	8.4	8.0
18	7.8	7.8	7.8	7.6	7.4	7.6	7.2	8.6	9.0	8.5	8.0	7.6	7.8	8.2	8.0
19	9.0	9.0	9.5	9.5	9.0	9.0	9.0	9.5	10.0	9.5	9.5	9.0	9.0	10.2	9.0
20	9.5	9.0	9.5	9.5	9.5	9.5	9.5	10.2	10.0	10.5	10.0	10.0	9.5	9.2	9.5
21	9.0	9.0	9.0	9.0	9.5	9.0	8.5	9.2	9.0	9.0	10.0	9.5	9.0	9.7	9.0
22	9.0	9.0	9.5	9.0	8.5	8.0	8.0	8.1	7.2	6.6	7.2	7.0	7.0	6.3	6.2
23	6.6	6.6	6.6	6.6	6.6	6.6	6.6	8.5	7.8	8.5	7.8	7.4	7.2	6.8	7.2
24	7.6	7.6	7.6	6.8	7.2	7.0	7.2	9.8	10.0	10.0	8.0	8.0	8.0	7.8	7.8
25	6.6	6.8	7.2	7.0	7.2	7.4	7.2	8.1	7.8	8.5	7.8	7.4	8.5	8.4	8.5
26	8.5	9.0	9.5	9.5	9.5	9.5	9.0	9.6	10.0	10.0	10.5	10.5	10.5	9.3	10.5
27	10.5	10.5	11.0	11.0	10.5	10.5	11.0	11.3	11.0	12.0	13.0	13.5	14.0	14.2	14.0
28	12.5	12.5	12.5	13.0	13.0	13.0	12.5	12.3	10.5	11.5	11.5	10.5	11.0	11.1	11.0
29	11.5	11.0	11.0	11.0	11.0	11.5	11.5	12.8	12.5	12.5	12.5	12.0	13.0	13.8	13.5
30	8.5	8.5	8.5	8.0	8.0	7.6	7.6	8.2	7.6	6.8	6.8	5.8	5.4	5.3	4.2
31															
Prom.	10.1	10.0	10.0	10.0	9.9	10.0	9.9	10.8	10.4	10.5	10.4	10.0	10.1	10.3	10.0

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
13.0	12.5	13.0	13.5	13.5	13.5	13.0	13.0	13.0	14.0	14	11.0	3	3.0	12.5
7.0	7.0	8.0	8.5	8.1	8.5	8.5	7.8	8.0	13.5	1	7.0	16-17	6.5	9.6
7.6	8.5	9.5	10.0	9.8	9.0	9.0	8.5	8.0	10.0	19	6.8	13	3.2	8.1
12.0	12.5	13.0	13.0	12.8	12.0	13.0	13.0	13.0	13.0	18-19,22-24	8.5	1-2	4.5	11.2
13.5	13.5	14.5	13.5	12.8	12.5	12.0	12.0	11.5	14.5	18	11.5	24	3.0	13.0
13.5	14.0	13.5	12.5	13.1	12.5	12.5	13.0	12.5	14.8	14	10.0	7	4.8	12.6
19.5	19.5	19.0	18.0	17.7	17.5	17.0	16.5	17.0	19.5	16-17	12.0	3-5	7.5	15.4
14.5	14.0	12.0	11.5	11.9	12.0	10.5	10.0	9.5	18.0	11	9.5	24	8.5	14.7
10.5	11.5	11.5	11.5	12.0	12.0	12.0	12.0	11.5	12.0	20-23	7.8	7	4.2	9.9
7.8	7.0	6.8	7.0	7.4	8.0	6.8	7.0	7.2	14.0	8,10	6.8	18,22	7.2	10.4
6.6	6.4	7.2	7.0	7.7	7.2	7.0	7.2	7.0	7.7	20	5.8	15	1.9	6.7
5.2	8.5	9.0	9.0	9.7	9.0	8.0	9.0	9.0	9.7	20	5.2	16	4.5	7.9
7.8	9.0	9.5	10.0	9.9	9.5	9.0	8.5	9.0	10.5	1	7.6	14	2.9	8.9
10.0	11.0	11.5	12.0	12.5	11.5	11.0	11.5	12.0	12.5	20	8.5	1-2,4	4.0	10.4
14.5	15.0	14.5	16.0	16.0	14.5	15.5	15.5	17.0	17.0	24	11.5	2-3,5-6	5.5	13.6
10.5	10.5	10.5	10.5	11.0	9.5	9.0	9.5	9.5	16.5	1	9.0	22	7.5	12.4
7.8	8.0	8.0	9.0	8.6	8.0	8.0	8.0	7.8	10.0	9-10	7.8	16,24	2.2	8.7
8.5	10.0	10.5	10.0	9.9	10.0	10.0	9.5	9.5	10.5	18	7.2	7	3.3	8.6
11.5	12.5	11.5	10.5	10.5	9.5	9.5	9.0	9.5	12.5	17	9.0	1-2,5-7,12-13,15,23	3.5	9.7
10.5	10.0	10.5	11.0	10.2	10.0	9.5	10.0	9.0	11.0	19	9.0	2,24	2.0	9.8
9.5	10.0	10.5	11.0	11.5	11.0	10.0	9.5	9.0	11.5	20	8.5	7	3.0	9.6
6.0	6.8	7.2	6.8	6.7	6.6	6.8	6.6	6.6	9.5	3	6.0	16	3.5	7.4
6.8	7.6	7.8	7.4	8.2	8.0	7.8	7.8	7.6	8.5	8,10	6.6	1-7	1.9	7.4
8.0	8.0	8.0	8.5	8.6	7.8	7.2	7.2	7.2	10.0	9-10	6.8	4	3.2	8.0
8.0	9.0	9.0	8.5	8.5	8.5	9.5	9.0	8.5	9.5	22	6.6	1	2.9	8.0
10.0	10.0	9.5	10.5	11.4	10.0	10.5	10.5	10.5	11.4	20	8.5	11	2.9	9.9
14.0	13.5	12.5	12.5	12.9	11.5	12.0	12.5	12.5	14.2	14	10.5	1-2,5-6	3.7	12.2
11.5	11.5	12.5	11.5	11.4	10.5	11.0	11.5	11.5	13.0	4,6	10.5	9,12,21	2.5	11.7
13.0	13.0	13.0	12.5	12.2	10.0	9.0	9.0	9.0	13.8	14	9.0	22-24	4.8	11.7
4.8	5.6	5.8	5.8	6.3	6.0	6.0	5.8	5.8	8.5	1-3	4.2	15	4.3	6.6
10.1	10.5	10.6	10.6	10.5	10.2	10.0	10.0	10.0	12.4		8.3		4.1	10.2

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	12	E	15	NE	20	NE	22	S	9	S	5	SE	9	SW	20	SW	23	NE	12	12	26	SW	22.12
S	14	S	10	S	5	S	4	S	2	SE	4	SE	3	SE	4	SE	4	S	13	9	26	SW	14.12
NE	9	E	9	E	6	E	5	E	4	NE	5	NE	5	NE	7	NE	7	NE	12	8	16	E	10.14
E	7	NE	4	NE	4	E	3	SW	2	NE	5	SE	4	W	4	W	5	NE	13	6	10	NE	8.59
W	7	SW	3	W	3	NW	3	NW	4	NW	3	NW	5	NW	5	NW	6	W	8	5	10	SW	2.40
NE	12	E	9	NE	4	E	6	E	7	NE	5	NE	7	NE	7	NE	7	NE	10	6	10	E NE	13.52 15.02
SW	2	E	3	NE	6	NE	5	E	2	E	3	Calma	1	E	5	NE	7	NE	8	5	11	N	8.20
SE	17	SE	14	SE	16	SE	15	SE	16	SE	14	SE	15	SE	12	SE	9	SE	17	9	25	SE	17.14
E	14	E	11	E	9	E	7	E	4	E	6	SE	3	SE	6	S	8	SE	13	9	21	SE	9.23
SW	14	SW	14	SW	10	SW	6	SW	6	SW	6	SW	9	SW	10	SW	5	SW	13	10	29	SW	13.59
SW	7	SW	6	W	5	W	4	W	6	W	4	W	3	W	2	W	4	W	14	6	15	W SW	11.36 14.02
NW	11	NW	8	NW	6	NE	2	NE	3	NE	6	NE	10	NE	13	NE	10	W	10	9	18	N	12.32
N	11	NE	10	NE	6	NE	5	NE	5	NE	6	NE	4	NE	5	NE	5	NE	18	10	24	N	11.08
NE	11	NE	11	NE	9	NE	8	NE	9	NE	10	NE	14	NE	17	NE	14	NE	24	12	20	NE	8.19
N	12	NE	6	NE	5	NE	6	NE	6	NE	9	NE	10	NE	8	NE	8	NE	16	12	22	N	11.10
SW	14	SW	14	SW	16	SW	22	SW	22	SW	22	SW	19	SW	7	SW	9	SW	11	16	41	SW	20.08
SW	8	SW	6	SW	5	SW	4	SW	2	NW	3	NW	2	NW	4	NW	3	SW	19	7	17	SW	14.28
NW	12	NW	9	NW	5	NW	4	NW	7	NW	9	NW	9	NW	10	NW	10	NW	24	9	18	NW	11.20
E	6	E	8	E	4	E	3	E	3	E	2	E	5	E	4	E	6	E	9	5	5	NW NE	0.03 15.53
N	19	NE	12	NE	7	NE	5	NE	8	NE	8	NE	7	NE	7	NE	9	NE	14	11	26	N	12.25
W	8	W	4	N	2	N	4	N	4	S	10	S	13	SE	16	SE	14	NE	9	10	24	S	22.20
SE	8	SE	4	SE	3	SE	3	SE	3	SE	3	SE	3	SE	4	SE	4	SE	24	9	22	S SE	1.10 9.49
E	9	E	6	E	5	SE	4	SE	4	SE	5	SE	5	SE	5	E	3	SE	15	6	14	E	13.04
E	11	E	10	E	6	E	5	SE	5	SE	3	NE	5	NE	2	NE	7	E	16	7	16	E	13.06
NE	18	NE	11	NE	7	NE	8	NE	10	NE	13	NE	13	NE	14	NE	16	NE	24	14	23	NE	11.20 14.09
E	16	E	10	E	7	E	9	E	8	E	6	E	10	NE	12	NE	7	NE	17	13	20	NE N	8.24 11.28
SE	11	SE	7	E	4	E	4	E	7	E	9	E	9	E	11	E	9	NE	12	7	19	NE	11.13
NE	16	NE	10	NE	8	NE	8	NE	9	NE	8	NE	5	NE	8	NE	5	NE	16	11	27	N	12.02
NW	10	NE	6	SW	4	SW	12	S	13	S	10	SW	9	SW	9	SW	7	NE	10	10	28	E	11.02
W	9	W	6	W	6	W	4	W	4	W	4	W	4	W	4	W	3	NW	14	6	16	W	14.18
E		E		NE		NE		NE-E		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
7		9		10		9		7		10		10		11		12		NE	237	9	DIRECCIÓN	DÍA	HORA
	11		8		7		7		6		7		7		8		8				N	28	de 11.45 a 12.00

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	7	12	169	6	57	1	9	2	14	2	43						299
2							6	31	13	125	5	60						216
3			12	122	5	27	7	32										181
4	1	3	13	86	6	38	1	4			1	2	2	9				142
5									1	3	8	53	8	42	7	30		129
6			10	70	3	22	3	10	1	4			2	11	4	28	1	146
7	3	24	8	47	4	13	2	7			1	2	2	8	3	18	1	120
8			2	4			17	191	4	16							1	212
9					10	108	13	96	1	8								212
10	4	30	2	17	3	18					14	159			1	8		232
11											10	75	14	83				158
12			6	44									10	71	8	93		208
13	6	100	18	137														237
14			24	285														285
15	8	141	16	153														294
16			8	138			3	41	1	16	12	191						386
17											19	142	1	6	4	12		160
18															4	219		219
19					9	41	8	35			2	6	2	13	3	22		117
20	7	149	14	110	3	15												274
21	5	36	9	89			2	30	2	23			2	12	4	49		239
22							24	224										224
23					6	44	15	80	3	12								136
24			3	14	16	136	3	11									2	163
25			24	325														325
26			17	258	7	66												324
27			12	91	8	59	4	28										178
28	4	72	16	163	2	5									2	30		270
29			11	111	3	23			2	23	5	41	1	9	2	28		235
30											14	98	10	56				154
31																		
SUMAS	39	562	237	2433	91	672	109	829	30	244	93	872	54	320	62	537	5	6475
% PREVAL POR VELOCIDAD	8.7		37.6		10.4		12.8		3.8		13.4		4.9		8.3		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		10		7		8		8		9		6		9		1	216

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1		13	4	5		3	2	3	
1 - 2		12	4	6		3	2	3	
2 - 3		10	5	4	2	5	1	3	
3 - 4		13	2	4	2	3	3	2	1
4 - 5		14	1	4	2	3	4	2	
5 - 6	1	14		4		5	3	1	2
6 - 7	2	12	2	5	2	3	3	1	
7 - 8	3	11	3	6	1	2	3	1	
8 - 9	3	11	2	6	2	3	2	1	
9 - 10	4	8	1	6	2	3	3	2	
10 - 11	3	8	1	6	1	4	1	5	1
11 - 12	4	9	2	4	1	6	1	4	
12 - 13	5	7	3	4	2	5		4	
13 - 14	4	7	4	4	1	5	1	4	
14 - 15	4	6	5	4		5	3	3	
15 - 16	3	5	7	3	1	5	3	3	
16 - 17		8	9	3	1	5	2	2	
17 - 18	1	10	7	2	1	4	3	2	
18 - 19	1	9	8	3	1	4	2	2	
19 - 20	1	7	7	4	3	4	2	2	
20 - 21		10	5	5	3	2	2	3	
21 - 22		10	3	7	1	3	2	3	1
22 - 23		11	3	6		4	3	3	
23 - 24		12	3	4	1	4	3	3	
SUMAS	39	237	91	109	30	93	54	62	5
% de frec. por dirección	5.4	32.9	12.6	15.1	4.2	12.9	7.5	8.6	0.7

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	25.8	19.7	0.50	10	0	4	B.
	10	26.3	20.3	0.49	10	0	5	
	12				10	0	5	
	14				10	0	3	LL., Ne.
	15				10	0	3	LL. Ne.
2	9	42.0	21.0	1.71	10	1	5	
	10	41.5	21.2	1.65	9	2	5	
	12	45.8	23.7	1.80	1	5	5	
	14	46.0	24.6	1.74	2	5	5	
	15	44.5	24.5	1.63	1	5	5	
3	9	41.0	20.5	1.67	2	5	5	
	10	37.5	20.5	1.38	3	3	5	
	12	45.6	23.0	1.84	2	5	5	
	14	44.1	23.0	1.72	1	5	5	
	15	42.2	22.6	1.59	1	5	5	
4	9	15.5	14.2	0.10	10	0	5	
	10	16.7	14.7	0.16	10	0	5	
	12				10	0	4	Z.
	14	17.0	15.5	0.12	10	0	4	
	15	20.2	16.7	0.28	10	0	4	
5	9	23.0	17.7	0.43	10	0	5	
	10	25.6	18.6	0.57	10	0	5	
	12	34.7	21.6	1.06	10	0	5	
	14	44.0	25.0	1.54	1	3	5	
	15	44.6	25.5	1.55	0	5	5	
6	9	40.0	23.0	1.38	0	5	5	
	10	46.0	26.0	1.63	0	5	5	
	12	49.5	29.5	1.63	0	5	5	
	14	47.5	29.4	1.47	0	5	4	
	15	45.5	28.7	1.36	0	5	4	
7	9	44.9	25.2	1.60	1	5	5	
	10	48.7	28.6	1.63	0	5	5	
	12	52.7	31.5	1.72	1	5	5	
	14	50.3	31.5	1.53	5	3	5	
	15	32.5	27.2	0.43	7	3	5	
8	9	45.5	26.7	1.53	6	3	4	B.
	10	50.6	29.6	1.71	9	1	4	B.
	12	45.7	28.2	1.42	9	2	4	
	14	31.2	24.5	0.54	10	1	5	
	15	30.2	23.7	0.53	10	0	5	
9	9	40.0	20.7	1.57	0	5	4	B.
	10	42.2	22.5	1.60	1	5	4	B.
	12	44.5	24.6	1.62	0	5	5	
	14	41.8	24.5	1.41	0	5	4	B.
	15	42.2	23.7	1.50	1	5	4	B.
10	9	28.5	20.2	0.67	10	0	5	
	10	25.8	19.7	0.50	10	0	5	
	12	45.8	25.7	1.63	5	3	5	
	14	41.0	24.0	1.38	6	3	5	
	15	37.0	22.2	1.20	9	4	5	
11	9	39.5	18.5	1.71	0	5	5	
	10	43.5	21.4	1.80	0	5	5	
	12	46.0	24.2	1.77	0	5	5	
	14	45.5	24.3	1.72	0	5	5	
	15	43.4	23.7	1.60	0	5	5	
12	9	40.5	20.0	1.67	0	5	5	
	10	44.2	23.5	1.68	0	5	5	
	12	44.7	25.6	1.55	0	5	5	
	14	45.6	25.4	1.64	0	5	5	
	15	43.0	24.2	1.53	0	5	5	
13	9	43.0	23.5	1.58	1	5	5	
	10	44.4	24.2	1.64	4	3	5	
	12	47.2	27.4	1.61	4	5	5	
	14	45.6	27.5	1.47	1	5	5	
	15	42.0	26.1	1.29	0	5	5	
14	9	41.5	22.0	1.58	0	5	5	
	10	45.5	25.2	1.65	0	5	5	
	12	47.5	27.5	1.63	2	5	5	
	14	47.9	29.0	1.54	2	5	5	
	15	47.5	28.5	1.54	2	5	5	
15	9	42.4	24.8	1.43	8	4	4	
	10	46.2	27.4	1.53	7	4	4	
	12	39.5	27.1	1.01	10	0	4	
	14	43.2	29.4	1.12	10	1	4	
	15	35.0	26.6	0.68	10	1	4	
16	9				10	0	3	LL.
	10				10	0	3	LL.
	12				10	0	3	LL.
	14				10	0	3	LL.
	15				10	0	4	Z.
17	9	39.5	19.4	1.63	2	5	5	
	10	42.5	21.4	1.72	1	5	5	
	12	45.4	23.5	1.78	0	5	5	
	14	46.0	24.4	1.76	2	5	5	
	15	41.4	22.7	1.52	4	5	5	
18	9	44.8	21.7	1.88	7	3	5	
	10	44.4	23.2	1.72	4	3	5	
	12	46.6	25.2	1.74	1	5	5	
	14	45.5	25.4	1.63	0	5	5	
	15	42.5	24.1	1.50	0	5	5	
19	9	22.5	14.1	0.68	10	0	1	N.
	10	31.4	16.7	1.20	10	0	3	N.
	12	45.0	23.0	1.79	0	5	4	
	14	44.5	24.5	1.63	0	5	4	
	15	40.7	23.5	1.40	0	5	4	
20	9	40.5	21.6	1.54	1	5	5	
	10	42.9	23.4	1.58	2	5	5	
	12	45.5	26.5	1.54	3	5	5	
	14	40.7	26.0	1.20	4	5	5	
	15	39.6	25.5	1.15	2	5	5	
21	9	32.1	18.8	1.08	7	1	5	
	10	47.5	24.0	1.91	6	4	5	
	12	37.6	23.1	1.18	7	1	4	
	14	41.4	24.7	1.36	8	1	5	
	15	33.1	22.8	0.84	9	1	5	
22	9	34.5	16.7	1.45	1	5	5	
	10	37.9	18.9	1.54	3	5	5	
	12	40.3	21.0	1.57	8	5	5	
	14	34.2	19.0	1.24	10	3	5	
	15	25.5	16.4	0.74	10	1	5	
23	9	37.5	29.0	0.69	0	5	5	
	10	40.0	29.5	0.85	0	5	5	
	12	34.1	19.6	1.18	8	3	3	
	14	40.5	21.8	1.52	1	5	3	
	15	29.5	18.5	0.89	1	3	3	
24	9	40.9	20.5	1.66	0	5	5	
	10	41.6	21.6	1.63	2	5	5	
	12	43.5	22.4	1.72	1	5	5	
	14	42.4	22.8	1.59	0	5	5	
	15	40.5	21.9	1.51	0	5	5	
25	9	37.4	19.0	1.50	2	5	5	
	10	42.5	21.7	1.69	1	5	5	
	12	44.0	25.0	1.54	6	3	5	
	14	40.8	24.7	1.34	2	5	5	
	15	36.7	23.5	1.07	1	5	5	
26	9	31.0	17.7	1.08	9	1	5	
	10	43.7	22.7	1.71	6	3	5	
	12	44.0	26.2	1.45	10	4	5	
	14	42.8	26.0	1.36	10	4	5	
	15	42.2	24.6	1.43	2	5	5	
27	9	21.3	17.0	0.35	10	0	3	
	10				10	0	3	Z.
	12				10	0	3	LL.
	14	22.0	17.5	0.36	10	0	3	
	15	20.0	17.0	0.24	10	0	3	
28	9	21.2	17.6	0.29	10	0	4	
	10	35.0	21.3	1.11	5	3	5	
	12	40.9	24.7	1.32	8	3	5	
	14	39.6	25.4	1.15	0	5	5	
	15	35.0	23.7	0.92	0	5	5	
29	9				10	0	1	N.
	10				10	0	3	LL.
	12				10	0	3	LL.
	14				10	0	4	LL.
	15				10	0	4	Z.
30	9	36.9	16.5	1.66	1	5	5	
	10	40.5	18.6	1.78	0	5	5	
	12	43.0	21.1	1.78	1	5	5	
	14	40.4	21.8	1.51	1	5	5	
	15	39.9	20.7	1.56	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															0.0	11.7	00
2					0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5		7.9	11.6	68
3			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			9.0	11.6	78
4						0.1	0.4	0.4	0.9	1.0	1.0	1.0	0.3		5.1	11.6	44
5						0.1	0.3	0.4	1.0	1.0	1.0	0.9			4.7	11.6	40
6		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.5	11.5	91
7			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.9	0.2		9.2	11.5	80
8			0.2	1.0	0.8	0.8	1.0	1.0	0.2						5.0	11.5	43
9			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.8	11.4	86
10						0.5	0.7	0.9	1.0	1.0	0.9	0.4	0.2		5.6	11.4	49
11		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.5	11.4	92
12		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			9.5	11.3	84
13		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.2	11.3	90
14		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.2	11.2	91
15			1.0	1.0	1.0	1.0	0.8	0.5	1.0	0.1					6.4	11.2	57
16															0.0	11.2	00
17			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.7	11.1	78
18			0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.2	11.1	83
19						0.9	1.0	1.0	1.0	1.0	1.0	0.8			6.7	11.0	61
20			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.9	11.0	90
21			0.6	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.9	0.7			8.7	11.0	79
22			0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0.1			7.4	10.9	68
23			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.4	10.9	86
24			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.6	10.9	88
25			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			9.3	10.8	86
26				0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3			7.7	10.8	71
27															0.0	10.8	00
28						0.2	0.9	1.0	1.0	1.0	1.0	1.0	0.2		6.3	10.8	58
29												0.3			0.3	10.7	03
30		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.3	10.7	96
31																	
Medias		0.0	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.1		7.2	11.2	65

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h
1	20.6	23.0	20.6	20.1	20.4	19.8	20.0	19.8	18.5	20.7	20.5	20.2	22.2	22.1	21.9
2	19.3	21.2	20.0	18.5	19.9	19.6	18.2	18.6	19.1	19.2	19.2	19.5	21.1	21.2	21.0
3	17.2	20.6	19.6	17.3	19.1	19.0	17.8	18.1	18.5	19.1	18.8	19.0	21.1	20.9	20.7
4	18.5	18.4	18.9	18.0	18.1	18.3	18.0	17.8	18.0	18.8	18.6	18.7	20.8	20.6	20.6
5	18.8	20.9	20.5	18.2	19.2	19.7	17.8	18.1	18.7	18.6	18.6	18.9	20.4	20.4	20.3
6	18.6	22.6	21.6	18.2	20.6	20.7	18.1	18.7	19.6	18.9	18.9	19.4	20.5	20.5	20.6
7	19.6	23.9	23.2	19.2	21.6	22.1	18.8	19.5	20.6	19.4	19.6	20.1	20.8	20.9	21.0
8	21.6	24.2	22.6	20.8	22.5	21.9	20.2	20.6	21.0	20.5	20.5	20.8	21.4	21.5	21.6
9	19.6	22.0	21.2	19.5	20.7	20.6	19.7	19.8	20.0	20.4	20.2	20.3	21.7	21.7	21.6
10	20.3	22.1	20.6	19.6	20.7	20.2	19.4	19.6	19.8	20.1	20.0	20.2	21.5	21.5	21.4
11	17.3	20.7	19.4	17.5	19.3	19.2	18.2	18.3	18.8	19.4	19.1	19.2	21.2	21.1	20.9
12	16.6	20.7	19.8	16.8	18.9	19.0	17.4	17.8	18.4	18.8	18.5	18.8	20.7	20.6	20.5
13	17.6	21.2	20.0	17.4	19.3	19.3	17.6	18.0	18.6	18.6	18.6	18.8	20.4	20.4	20.3
14	17.9	21.4	20.4	17.6	19.4	19.6	17.7	18.1	18.7	18.6	18.6	18.8	20.4	20.4	20.2
15	19.0	22.1	21.6	18.4	20.1	20.4	18.2	18.6	19.2	18.9	18.9	19.2	20.4	20.4	20.4
16	21.4	18.8	18.3	20.2	18.0	17.5	19.4	18.0	17.3	19.6	19.2	18.6	20.7	20.6	20.4
17	17.0	20.0	18.8	16.8	18.6	18.5	16.8	17.4	18.0	18.0	18.0	18.3	20.0	19.9	19.8
18	16.2	19.8	18.9	16.2	18.1	18.3	16.7	17.0	17.6	17.9	17.6	17.9	19.7	19.7	19.5
19	17.0	19.6	18.2	16.6	18.0	18.2	16.8	16.9	17.5	17.7	17.6	17.8	19.5	19.5	19.4
20	16.8	20.0	19.0	16.6	18.4	18.3	16.6	17.0	17.4	15.6	17.6	17.8	19.4	19.4	19.2
21	17.4	20.2	19.4	16.9	18.4	18.6	16.8	17.1	17.6	17.6	17.6	17.8	19.4	19.4	19.3
22	17.4	19.0	17.6	17.0	18.0	17.5	17.0	17.1	17.2	17.8	17.7	17.8	19.4	19.4	19.3
23	15.2	18.2	17.2	15.3	17.0	16.8	15.8	16.2	16.5	17.2	17.0	17.1	19.2	19.1	18.9
24	14.8	18.2	17.2	14.9	16.8	16.8	15.5	15.8	16.3	16.8	16.6	16.8	18.8	18.7	18.5
25	15.4	18.4	17.5	15.2	16.8	16.9	15.4	15.8	16.2	16.6	16.5	16.7	18.6	18.5	18.4
26	16.2	19.0	18.2	15.8	17.2	17.6	15.7	16.0	16.6	16.6	16.6	16.8	18.4	18.4	18.3
27	17.4	17.7	18.0	16.7	16.9	17.2	16.3	16.3	16.4	17.0	16.9	16.8	18.5	18.5	18.5
28	18.0	19.8	19.2	17.1	18.0	18.2	16.4	16.7	17.2	17.0	17.0	17.3	18.4	18.5	18.6
29	17.6	17.7	17.8	17.0	16.9	17.1	16.5	16.2	16.5	17.2	17.0	16.8	18.6	18.5	18.5
30	15.8	18.0	16.8	15.6	16.8	16.6	15.6	15.8	16.2	16.6	16.4	16.6	18.2	18.2	18.1
31															
Prom.	17.9	20.3	19.4	17.5	18.8	18.8	17.5	17.7	18.1	18.3	18.3	18.4	20.0	20.0	19.9

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					2	0.6	0.8	0.0	1.2							7400
2	54.2	59.2	57.7	46.5	2	0.4	1.5	1.6	3.5	F.9	19.6	19.4	19.6	11.8	14.4	7463
3					2	0.4	1.9	1.0	3.8							7495
4					2	0.9	0.2	0.2	0.5							7441
5	0.8	1.7	1.4	0.5	2	0.1	0.5	0.6	1.3							7427
6					1	0.2	1.4	1.0	2.8							7463
7					1	0.4	1.3	0.9	2.4	F.10	18.5	18.6	21.9			7443
8					1	0.2	0.9	0.8	2.5							7431
9					1	0.8	1.7	0.9	3.6							7467
10	0.0	1.0	0.0	0.0	1	1.0	0.4	1.7	2.7							7449
11					0	0.6	1.7	1.4	3.5							7492
12					0	0.4	2.2	1.6	4.5	F.11	12.8	9.6	18.1			7484
13					0	0.7	1.7	2.6	4.8							7479
14					0	0.5	1.9	1.6	4.2							7481
15					0	0.7	2.0	1.2	4.8							7473
16					2	1.6	0.2	0.1	0.6							7445
17	55.4	58.8	57.8	33.2	2	0.3	1.2	0.7	2.1							7405
18					2	0.2	1.9	1.5	3.6	F.12	19.7	18.3	23.6			7416
19					2	0.2	0.5	0.6	1.3							7408
20					2	0.2	2.2	1.4	4.4							7388
21					1	0.8	1.8	1.1	3.8							7371
22					1	0.9	1.3	0.8	2.3	F.13	18.0	18.3	20.8	16.7		7414
23					0	0.2	1.2	1.0	2.6							7415
24					0	0.4	1.5	1.1	2.9							7395
25					0	0.3	2.1	1.6	5.0							7385
26					0	1.3	1.8	1.3	3.7							7369
27	0.0	0.0	0.0	0.0	2	0.6	0.2	0.2	0.9	-	-	-	-			7375
28	7.4	10.0	9.4	1.5	2	0.5	1.5	1.1	2.8							7361
29					2	0.2	0.0	0.1	0.5							7345
30	12.3	16.0	16.2	3.7	2	0.4	1.4	1.3	2.9							7386
31																
Prom.	130.1	146.7	142.5	85.4	-	0.5	1.3	1.0	2.8	-	-	-	-	-	-	7426

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
22.4	22.3	22.2	22.2	22.2	22.2	22.2	21.1	10.5	Cn. m. t. y n., r. m., LL. t. y n., Z. n.
21.6	21.5	21.3	22.1	22.1	22.0	22.2	21.1	14.4	Cn. m., Ca. t. y n., r. n.
21.4	21.3	21.1	21.8	21.9	21.9	22.0	21.0	4.8	Ca. m. y t., Cn. n., r. m. y n.
21.1	21.0	21.0	21.8	21.8	21.7	22.1	21.0	10.6	Cn. m. t. y n., Z. n.
20.8	20.7	20.6	21.7	21.7	21.7	22.0	21.0	14.1	Cn. m., Ca. t. y n., Ns. n., r. n.
20.7	20.8	20.7	21.5	21.6	21.6	22.0	21.0	10.0	Ca. m. t. y n., r. m. y n.
21.0	21.1	21.0	21.4	21.5	21.5	22.0	21.0	12.7	Ca. m., Variable t., Cn. n., r. m. t. y n.
21.5	21.6	21.6	21.5	21.5	21.5	22.0	21.1	14.6	Cn. m. t. y n., N.Ne. m., r. m., Ne. t.
21.7	21.8	21.7	21.4	21.5	21.5	22.0	21.1	6.8	Ca. m. t. y n., r. m. y n., B. m.
21.7	21.7	21.6	21.6	21.6	21.5	22.0	21.0	12.9	Cn. m. y t., r. n.
21.5	21.4	21.1	21.3	21.5	21.4	22.0	21.1	2.5	Ca. m. t. y n., r. m. y n.
21.1	21.0	20.7	21.2	21.4	21.4	21.8	21.0	3.2	Ca. m. y t., Cn. n., r. m. y n., B. m.
20.8	20.4	20.6	21.2	21.3	21.2	21.8	21.1	5.2	Ca. m. t. y n., r. m. y n.
20.6	20.7	20.5	21.1	21.2	21.2	21.7	21.0	6.2	Ca. m. t. y n., r. m. y n.
20.6	20.7	20.6	21.1	21.1	21.1	21.7	21.0	11.5	Cn. m. t. y n., r. m.
20.8	20.7	20.6	21.1	20.7	20.9	21.7	21.0	18.9	Cn. m. t. y n., Ru. m., LL. m. y t., Z. n.,G.m.
20.2	20.2	19.9	20.8	20.9	20.8	21.7	21.0	7.4	Ca. m. t. y n., r. m. y t.
20.0	19.9	19.7	20.7	20.8	20.8	21.7	21.1	3.7	Cn. m., Ca. t. y n., r. m. y n.
19.8	19.8	19.6	20.6	20.6	20.6	21.6	21.0	6.2	Ca. t. y n., N. m., r. m. y n., Ns.(bancos) n.
19.7	19.7	19.5	20.5	20.6	20.6	21.6	21.0	6.6	Ca. m. y t., Cn. n., r. m. y n.
19.6	19.6	19.5	20.4	20.5	20.5	21.5	21.0	7.0	Cn. m. y t., Variable n., r. m. y n.
19.6	19.6	19.5	20.3	20.4	20.3	21.5	21.0	7.4	Ca. m. y n., Cn. t., r. m. y n.
19.5	19.4	19.2	20.1	20.3	20.3	21.5	21.0	1.6	Ca. m. t. y n., r. m. y n., N. n.
19.1	19.1	18.8	20.0	20.1	20.1	21.4	20.9	3.2	Ca. m. t. y n., N. m., r. m. y n.
18.9	18.8	18.6	19.9	20.0	20.0	21.4	20.9	3.0	Ca. m. t. y n., r. m. y n.
18.7	18.7	18.6	19.7	19.9	19.9	21.2	20.9	8.9	Cn. m. y t., r. m. y n.
18.7	18.7	18.6	19.8	19.9	19.7	21.2	20.9	9.2	Cn. m. t. y n., LL. Z. m.
18.6	18.6	18.6	19.7	19.7	19.7	21.2	20.9	14.0	Cn. m., Ca. t. y n., r. n.
18.7	18.6	18.6	19.6	19.6	19.6	21.2	20.8	9.0	Cn. m. t. y n., r. m.,N.m,Z.m,Ne.LL.t.,Z. n.
18.3	18.3	18.1	19.4	19.5	19.4	21.2	20.8	1.9	Ca. m. t. y n., r. m. t. y n.
20.3	20.3	20.1	20.8	20.9	20.9	21.7	21.0	8.3	

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	58.4	64.9	2	23-24	52.4	1	19	17.2	21.8	12.0	28.7	7	15	8.5	3	4	6.7	11.5	58
2ª	60.2	65.4	11	10	50.2	16	6,8	15.6	22.4	10.0	26.6	15	14	5.9	11	4	8.1	11.2	73
3ª	62.0	69.8	23	8	51.6	29	12	14.4	19.4	9.4	22.4	21,26	16,14	3.9	30	24	6.9	10.8	64
MES	60.2	69.8	23	8	50.2	16	6,8	15.7	21.2	10.5	28.7	7	15	3.9	30	24	7.2	11.2	65

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	82	100	5-6,8	41	2	11.7	19.5	6.8	NE	9	24	1/7/8	23	1	23-24	29	SW	10	13.59	61.9	59.2	2	21.0	1	23-24
2ª	76	100	17,19-20	35	11,13	9.7	17.0	5.2	NE	10	32	15/20	28	20	12-13	41	SW	16	20.08	58.8	58.8	17	23.0	16	9-10
3ª	78	100	23,29	30	15	9.2	14.2	4.2	NE	11	36	28	27	28	11-12	28	E	29	11.02	26.0	16.0	30	6.5	29	11-12
MES	79	100		30	15	10.2	19.5	4.2	NE	10	36	28	28	20	12-13	41	SW	16	20.08	146.7	59.2	2	23.0	16	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	-	1	1	1	1	-	-	1	1	-	-	-	1	-	-	-	-
2ª	-	1	-	1	1	-	-	1	1	-	-	-	-	-	1	1	-
3ª	-	-	1	3	-	-	-	3	2	-	-	-	-	-	-	-	-
MES	-	2	2	5	2	-	-	5	4	-	-	-	1	-	1	1	-

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II MAYO 1947 N.° 5

RESUMEN MENSUAL

La primera semana de este mes es de buen tiempo. El aire frío que llegara el último día del mes anterior hace que por primera vez en el año la temperatura del suelo descienda por debajo del punto de congelación; esto tiene lugar sólo los dos primeros días, pues la gran heliofanía que caracteriza la primera década hace que el aire se torne rápidamente cálido. Repunta así el promedio diario de la temperatura hasta el 7 con 9.0°C. En este día se produce también la primera niebla otoñal. Durante la noche del 8 atraviesa por el Observatorio un frente frío el que sólo alcanza a precipitar una pequeña cantidad de lluvia.

Sigue luego otra semana de buen tiempo y consiguiente ascenso termométrico. Al final de este período, el promedio diario de la temperatura alcanza el valor más alto del mes. Este lapso de casi quince días consecutivos de tiempo claro se ve empañado por una zona frontal de aire frío, el que motiva tres días (14-17) de cielo cubierto, con lluvias, niebla y la única tormenta eléctrica del mes. En tales circunstancias la presión asciende hasta cifras tan altas que conforman ya en general valores invernales. En efecto, el 19 la temperatura en el abrigo desciende hasta -3.7°C y la del suelo hasta -5.1°C.

A causa de la gran nubosidad de la última década la temperatura de los primeros días se mantiene muy por debajo de su valor normal; la máxima diaria llega el 23 sólo hasta 10.4°C. El día 26 un cambio de la corriente general del S al sector N que se mantiene hasta fin de mes, provoca de nuevo un ascenso de la temperatura hasta valores estivales. Disminuye luego la nubosidad en los dos últimos días, alcanzando la temperatura el valor máximo mensual el 30 con 26.2°C, vale decir, un aumento de casi 16.0°C en una semana.

No obstante las altas temperaturas de principio y fin de mes el promedio mensual de las mismas resulta inferior a su valor normal; la presión barométrica empero, acusa desviación positiva.

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	92	80	96	126	159	124	92	144	173	116	96	100	90	92	84
2	24	8	-	-	-	-	-	-	-	-	204	128	106	116	104
3	64	-	-	-	-	-	80	114	144	118	108	112	110	104	96
4	44	24	-	-	-	-	-	-	60	70	76	73	94	106	163
5	-	-	-	-	-	-	-	-	-	-	73	73	64	60	78
6	-	-	-	-	-	159	104	110	128	94	68	56	56	56	52
7	48	68	74	68	42	40	74	102	80	58	50	34	32	52	66
8	60	-	-	38	48	42	44	102	155	221	175	145	118	108	118
9	-	-	-	-	-	-	93	82	83	60	64	68	68	92	94
10	0	62	14	28	72	60	76	80	108	72	56	62	64	70	78
11	52	42	44	44	92	90	90	110	206	188	163	151	151	140	112
12	46	46	44	42	48	48	52	64	68	86	102	99	86	66	76
13	64	56	52	46	48	52	74	112	126	114	106	102	100	96	98
14	46	-68	-	-	-	-	-	-	-	40	62	78	80	124	120
15	16	12	14	-	-	16	26	30	36	16	80	93	-	-	-
16	40	30	38	57	38	43	61	75	70	63	63	42	65	56	62
17	58	60	64	70	62	50	64	68	112	142	124	111	88	76	86
18	66	80	78	74	70	64	60	84	108	138	149	119	104	88	88
19	72	60	44	62	56	78	78	80	96	132	200	204	157	159	171
20	40	64	62	50	44	42	52	64	72	90	100	103	92	66	80
21	56	62	60	74	62	58	88	72	-18	28	26	42	46	56	50
22	20	72	68	142	169	130	108	163	+∞	+∞	184	163	76	76	72
23	76	92	82	92	86	86	78	88	124	110	116	78	30	42	56
24	58	56	64	62	58	42	40	48	56	68	62	59	58	64	72
25	20	24	52	26	28	30	20	38	38	62	76	80	70	-	-
26	49	30	16	45	39	19	8	45	74	67	73	85	-	-	-
27	2	26	24	24	20	12	18	34	80	70	67	67	52	52	58
28	56	74	44	44	36	40	60	26	76	68	46	48	54	66	70
29	10	6	28	26	20	22	26	46	130	106	106	94	84	64	60
30	-	-	-	-	-	-	44	42	28	30	54	40	50	62	62
31	-	-	-	-	-	-	-	-	-	34	54	69	98	94	104
Prom.	49.4	58.6	56.6	60.2	64.5	57.9	63.9	82.5	106.4	101.2	96.5	86.7	77.8	73.8	78.2

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	9.12	10.10	19.22	0.90	1.78	2.57	4.36	0.70	1.04	1.14	2.18	0.91	0.17	0.29	0.46	0.59
2	9.10	7.80	16.90	1.15	7.30	7.61	14.92	0.96	0.56	0.88	1.44	0.64	0.75	0.98	1.73	0.76
3	6.47	7.50	13.96	0.86	2.82	3.96	6.78	0.71	0.63	0.78	1.41	0.81	0.36	0.56	0.92	0.64
4	10.68	9.92	20.60	0.93	8.21	10.37	18.58	0.79	0.98	0.90	1.88	1.09	1.12	1.43	2.55	0.78
5	11.00	11.88	22.88	0.92	5.28	6.59	11.87	0.80	1.36	1.31	2.67	1.04	0.56	0.59	1.15	0.95
6	8.53	11.35	19.89	0.75	8.15	8.95	17.10	0.92	1.14	1.37	2.51	0.83	0.96	1.18	2.14	0.81
7	-	-	-	-	6.24	6.75	12.99	0.93	0.93	1.26	2.19	1.31	0.81	0.82	1.63	0.99
8	3.82	7.66	11.48	0.49	6.35	3.03	9.38	2.10	0.84	1.02	1.86	1.21	0.64	0.64	1.28	1.00
9	12.10	11.30	23.40	1.07	9.17	11.53	20.70	0.79	1.50	1.21	2.71	1.24	1.09	1.25	2.34	0.87
10	8.85	9.64	18.50	0.93	10.15	10.16	20.31	1.00	1.00	1.01	2.01	0.99	1.14	0.63	1.77	1.81
11	5.78	5.70	11.48	1.01	5.58	6.26	11.84	0.89	0.71	0.72	1.43	0.99	0.80	1.02	1.82	0.78
12	8.45	9.47	17.92	0.90	2.98	9.73	12.72	0.31	1.08	1.15	2.23	0.94	0.86	1.21	2.07	0.71
13	5.75	9.56	15.30	1.62	4.68	4.00	8.69	1.17	1.32	1.16	2.48	1.14	0.66	0.24	0.90	2.75
14	-	-	-	-	3.46	8.24	11.70	0.42	-	-	-	-	1.43	2.48	3.91	0.58
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	11.89	11.18	23.06	0.94	1.14	1.65	2.79	0.69	1.16	1.44	2.60	1.24
17	7.00	6.88	13.88	1.02	11.57	11.47	23.04	1.01	0.78	0.76	1.54	1.03	0.60	0.89	1.49	0.67
18	7.10	8.06	15.16	0.88	6.54	8.10	14.64	0.80	0.74	0.88	1.62	0.84	1.08	1.10	2.18	0.98
19	3.03	3.15	6.19	0.95	3.89	2.90	6.80	1.31	0.35	0.37	0.72	0.94	0.29	0.39	0.68	0.74
20	8.29	8.44	16.72	0.98	6.62	8.33	14.95	0.79	0.78	0.93	1.71	0.84	0.47	0.81	1.28	0.58
21	-	-	-	-	10.91	14.39	25.30	0.75	0.61	0.80	1.41	0.76	0.50	0.90	1.40	0.56
22	-	-	-	-	5.52	6.98	12.50	0.79	0.17	0.14	0.31	1.21	0.58	0.70	1.28	0.83
23	7.92	9.02	16.93	0.88	13.99	16.17	30.16	0.87	0.38	0.32	0.70	1.19	0.68	0.83	1.51	0.82
24	-	-	-	-	12.28	11.76	24.04	1.04	0.43	1.48	1.91	0.29	0.61	0.97	1.58	0.63
25	5.09	8.36	13.46	0.61	6.74	5.44	12.17	1.24	0.41	0.40	0.81	1.02	0.75	0.56	1.31	1.34
26	7.42	12.60	20.03	0.59	6.22	7.95	14.18	0.78	0.58	0.60	1.18	0.97	0.67	0.56	1.23	1.12
27	-	-	-	-	4.88	9.69	14.57	0.51	0.67	0.75	1.42	0.89	0.76	0.55	1.31	1.38
28	-	-	-	-	9.89	11.44	21.33	0.86	0.47	0.73	1.20	0.64	0.92	0.97	1.89	0.95
29	-	-	-	-	9.54	11.62	21.17	0.81	0.21	0.54	0.75	0.39	1.02	1.28	2.30	0.80
30	-	-	-	-	-	-	-	-	0.66	0.86	1.52	0.77	0.82	0.96	1.78	0.85
31	-	-	-	-	6.12	6.40	12.52	0.96	0.84	0.86	1.70	0.98	0.84	0.79	1.63	1.06
Prom.	7.66	8.86	16.52	0.92	7.20	8.40	15.60	0.89	0.77	0.90	1.66	0.92	0.77	0.90	1.67	0.95

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
102	116	157	100	48	60	38	20	38	97.6	∞	4	-	0
94	64	54	76	104	48	108	72	73		∞	- 6	-	1*
94	100	134	136	136	88	56	38	36		∞	16	-	0*
104	90	96	54	34	26	30	-	-		∞	4	-	0*
86	84	66	48	30	-	132	-	-		163	8	155	0*
56	68	70	46	20	18	14	40	44		198	-20	218	1*
86	76	42	40	34	32	34	36	88	56.5	155	-24	179	1
154	142	122	132	-	-	-	-	-		∞	-225	-	3*
94	98	146	106	+∞	+∞	+∞	58	38		∞	-200	-	1*
82	90	100	120	126	118	82	60	56	72.3	138	-146	284	1
92	98	132	116	108	70	60	62	48	102.5	∞	-36	-	1
108	149	110	90	88	66	62	56	56	73.2	∞	34	-	0
120	122	118	159	142	120	94	128	76	96.9	∞	36	-	0
126	52	72	34	36	20	14	-	18		∞	-231	-	3*
64	44	48	70	38	16	12	24	26		∞	-216	-	3*
62	62	66	88	100	78	78	74	78	62.0	122	0	122	0
88	98	84	92	100	102	88	78	64	84.5	171	32	139	0
96	108	126	138	136	80	88	80	78	95.8	171	24	147	0
155	122	-	-	-	-	-	-	40		∞	12	-	0*
100	116	157	108	82	62	58	60	60	76.0	186	18	204	1
48	42	26	30	32	58	78	68	8		163	-92	255	2
68	68	58	92	68	32	48	80	68		∞	-223	-	1*
78	88	78	86	72	62	68	68	58	78.9	163	6	157	0
66	68	56	66	58	46	48	42	32	56.2	102	14	88	0
-	-	-	88	80	60	52	48	44		124	-38	162	2*
76	64	59	65	56	58	32	38	34		∞	-22	-	1*
62	70	58	48	54	52	82	60	88	49.2	124	-24	148	1
74	68	34	-	-	-	40	30	20		112	-38	150	2*
56	58	+∞	47	87	+∞	32	-	-		167	-16	183	1*
58	42	-	-	-	-	-	-	-		82	4	78	0*
130	128	92	72	80	70	52	46	40		179	4	175	0*
87.8	97.0	98.8	96.2	88.3	72.9	67.7	63.4	63.1	77.0				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $\cdot 10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
96	104	122	7.56	1.87	1102	974	2076	1.13	-	0.65
196	144	60	6.91	3.46	553	513	1066	1.08	0.99	1.32
108	112	112	5.26	3.43	993	1176	2169	0.84	-	1.09
88	74	96	4.64	8.16	1109	870	1979	1.27	0.88	0.64
72	78	82	6.94	3.14	1023	1031	2054	0.99	-	1.19
66	58	62	4.85	4.42	1276	1037	2313	1.23	-	0.86
40	40	92	2.92	5.00	813	614	1427	1.32	2.29	0.35
151	136	144	8.43	6.14	1232	1153	2385	1.07	0.36	1.59
74	72	92	6.50	7.18	1781	1563	3344	1.14	0.94	1.07
54	60	88	4.02	5.19	1559	1540	3099	1.01	1.13	0.44
173	157	94	7.48	5.70	1111	1125	2236	0.99	0.40	0.79
94	88	130	6.54	8.97	1098	1000	2098	1.10	-	0.40
90	108	130	8.93	3.90	1207	815	2022	1.48	-	1.07
62	78	114	-	14.86	1002	645	1647	1.55	-	-
82	88	24	-	-	578	310	888	1.86	1.48	-
60	44	64	4.09	5.55	1272	1115	2387	1.14	1.33	-
128	114	92	5.85	4.57	993	817	1810	1.22	0.25	-
147	124	96	6.70	6.98	1073	1044	2117	1.03	-	-
198	216	140	5.18	3.17	752	490	1242	1.53	-	-
128	103	100	5.87	6.27	1532	1238	2770	1.24	0.53	-
36	36	48	1.69	2.24	530	373	903	1.42	-	0.82
171	159	70	1.64	2.99	691	247	938	2.79	2.74	-
118	92	78	2.15	3.93	1654	1496	3150	1.10	0.42	0.33
62	74	68	4.71	3.58	813	1995	2808	0.41	-	1.49
74	92	-	2.48	-	865	1014	1879	0.85	0.91	-
69	84	72	3.30	2.95	1104	788	1892	1.40	2.57	2.14
68	66	56	3.12	2.44	742	811	1553	0.91	-	0.22
44	48	72	1.92	4.54	561	666	1227	0.84	1.57	-
106	88	58	2.20	4.45	773	605	1378	1.28	0.45	-
44	38	56	1.92	3.32	723	802	1525	0.90	-	1.08
58	60	140	3.40	7.61	1100	1249	2349	0.88	0.47	1.08
95	91	88	4.73	5.03	1019	939	1959	1.19	1.04	0.93

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.0	63.2	63.2	63.5	63.6	63.7	64.5	64.9	65.0	65.0	64.9	64.6	64.3	63.7	63.6
2	62.1	61.6	61.4	61.1	61.0	61.3	61.5	61.5	61.3	60.8	60.4	59.7	59.2	59.0	58.8
3	60.1	60.2	60.2	60.8	60.9	61.6	61.9	62.1	62.2	62.7	62.6	62.0	61.7	61.2	61.0
4	61.8	61.7	61.7	61.7	62.0	62.8	63.0	63.8	63.8	63.9	63.9	63.5	62.8	62.6	62.5
5	63.5	63.4	62.7	62.4	62.4	64.5	62.8	63.0	63.0	63.0	62.7	62.4	61.5	61.0	60.7
6	61.1	60.8	60.8	60.6	60.6	60.6	60.8	60.9	60.8	60.6	60.2	59.8	59.1	58.8	58.5
7	58.1	57.8	57.7	57.3	57.0	57.1	57.3	57.4	57.2	56.3	56.0	55.1	54.6	54.0	53.9
8	53.5	54.6	54.8	54.8	53.7	54.9	55.6	56.8	56.9	56.6	55.9	55.4	55.0	54.8	54.6
9	54.2	54.0	54.1	54.2	55.0	55.3	55.5	56.4	56.6	57.2	57.0	56.9	56.7	56.6	56.6
10	57.0	56.8	56.9	56.8	56.7	56.8	56.9	57.2	57.2	57.4	57.2	57.0	56.8	56.2	56.3
11	59.5	59.8	59.7	59.7	59.8	60.0	60.1	60.5	60.8	60.8	60.8	60.2	59.7	59.4	59.1
12	58.0	57.7	57.5	56.9	56.9	57.0	57.5	57.8	57.8	57.8	57.6	57.1	56.7	56.2	56.0
13	56.1	56.0	55.8	55.8	55.9	56.0	56.3	56.4	56.2	56.0	55.9	55.1	54.1	53.8	53.8
14	53.5	52.9	52.9	52.8	52.1	53.9	54.7	55.2	55.3	55.3	55.1	55.3	54.6	54.4	54.4
15	56.4	56.2	55.9	55.8	55.6	55.4	55.8	55.7	55.6	55.4	54.9	53.1	54.1	54.1	53.2
16	56.8	57.3	57.2	57.7	58.4	59.2	59.6	60.4	60.4	61.3	61.3	61.0	60.9	61.0	61.4
17	62.2	62.0	61.9	62.1	62.8	63.2	63.7	64.4	64.5	64.7	64.7	64.7	64.5	64.2	64.4
18	69.4	69.4	69.5	69.5	69.9	70.3	71.0	71.6	72.1	72.2	72.4	72.0	71.6	71.4	71.2
19	72.4	72.1	71.7	71.4	71.2	71.1	71.5	71.5	71.4	71.5	70.9	70.4	69.6	69.1	68.7
20	67.0	67.0	66.7	66.0	65.8	65.4	65.8	65.6	65.5	65.3	64.7	63.9	63.1	62.4	62.2
21	59.2	59.0	58.3	58.1	58.0	57.9	57.9	58.1	58.2	58.6	58.1	57.8	56.9	56.7	56.6
22	57.0	57.3	57.6	57.8	57.8	57.9	58.0	58.4	58.6	58.7	58.6	58.5	58.5	57.7	57.5
23	57.3	57.1	57.1	57.1	57.1	56.9	56.7	56.8	56.8	56.8	56.4	56.4	56.3	56.3	56.3
24	60.6	60.8	60.6	60.8	61.2	61.9	62.0	63.0	63.7	64.1	64.1	64.1	64.0	63.8	63.9
25	65.6	65.7	65.6	65.4	65.4	65.6	65.8	66.4	66.4	66.5	66.5	65.8	65.5	64.8	64.3
26	63.6	63.4	63.3	63.4	63.3	63.3	63.7	63.8	63.8	63.7	63.6	63.3	62.5	62.2	61.8
27	62.3	62.4	61.8	61.7	61.7	61.9	62.0	62.5	62.6	62.6	62.6	62.0	61.8	62.0	62.0
28	61.9	61.7	61.7	61.3	61.0	61.8	62.0	61.8	61.8	61.3	61.2	60.8	59.9	59.8	59.8
29	59.7	59.7	59.6	59.6	59.6	59.6	59.8	60.4	60.6	60.8	60.7	60.4	59.7	59.6	59.8
30	61.6	61.5	61.5	61.6	61.6	61.7	61.7	62.4	62.4	62.5	62.2	61.6	61.3	60.8	60.7
31	61.6	61.4	61.0	60.9	61.0	61.4	61.5	61.6	61.6	61.6	61.0	60.6	60.5	60.1	59.7
Prom	60.5	60.5	60.3	60.3	60.3	60.6	60.9	61.2	61.3	61.3	61.1	60.7	60.2	59.9	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	3.5	3.1	3.1	3.1	2.7	2.4	2.4	6.8	10.5	13.7	14.7	15.5	16.2	16.1	15.7
2	3.5	3.2	3.0	3.5	4.1	3.4	2.7	7.3	11.7	15.6	17.1	18.5	19.7	20.2	20.4
3	8.5	7.6	7.6	7.2	7.2	7.1	6.5	10.4	14.3	16.4	18.4	20.0	21.1	21.3	21.0
4	9.9	10.0	9.6	9.7	9.7	9.7	9.7	12.8	14.9	17.9	18.8	21.2	22.3	22.6	22.7
5	13.2	13.2	13.3	12.9	12.0	12.2	12.3	14.4	17.1	19.6	21.2	22.2	22.7	22.7	22.9
6	15.8	16.1	15.0	14.5	13.9	13.8	13.4	15.2	18.2	21.1	22.5	23.0	24.1	24.4	24.5
7	14.3	13.5	13.6	13.7	13.1	13.0	13.1	14.0	15.4	16.9	21.0	23.0	24.2	24.6	24.7
8	17.0	17.3	16.1	15.6	15.2	15.1	14.7	15.6	16.0	17.9	18.4	18.7	19.1	20.3	20.3
9	8.9	8.0	9.4	9.1	9.3	10.8	11.5	12.4	13.4	15.7	17.5	18.1	18.5	19.0	18.9
10	7.7	8.6	9.4	10.3	10.6	9.9	9.0	10.9	14.4	17.2	18.3	19.6	20.6	21.4	21.6
11	9.3	8.4	7.5	6.8	6.2	6.0	5.7	9.1	13.4	15.5	16.9	18.1	19.1	19.6	19.7
12	10.3	10.1	9.7	9.7	9.9	9.9	9.7	11.9	14.4	16.7	18.7	20.8	21.5	22.0	21.9
13	13.9	13.5	13.4	13.2	13.1	12.8	12.6	14.6	17.3	19.8	22.0	23.7	24.8	25.6	25.9
14	20.1	20.2	20.2	20.9	20.9	18.8	17.8	17.0	16.9	16.9	17.7	18.9	20.4	20.5	20.7
15	15.9	15.8	15.8	15.9	16.0	16.1	16.2	16.4	16.6	16.5	16.4	17.5	17.4	15.8	15.5
16	13.5	13.5	13.6	13.6	13.4	12.6	11.7	11.4	11.7	11.9	12.0	12.8	13.0	13.2	13.4
17	4.6	3.9	3.6	3.2	3.1	3.2	3.1	4.5	8.3	10.2	11.1	12.0	13.8	12.7	12.5
18	5.5	4.4	3.6	2.6	2.5	2.3	2.2	4.0	6.8	8.8	9.9	10.9	11.2	11.6	11.4
19	-0.1	-0.6	-0.9	-1.2	-2.2	-3.0	-3.4	0.8	3.3	5.5	8.4	10.2	11.2	11.4	11.7
20	4.2	4.2	4.0	4.3	4.4	4.5	4.7	5.2	5.9	8.6	10.6	11.4	12.1	12.8	12.8
21	11.6	10.4	9.8	9.9	9.9	10.0	10.0	10.0	10.2	11.1	10.0	13.0	14.2	15.2	15.2
22	6.5	6.6	6.0	5.8	5.2	4.7	4.5	4.6	6.1	9.2	11.1	12.2	13.3	14.4	15.0
23	6.9	6.6	6.1	6.1	5.3	5.3	4.7	5.7	7.7	9.0	9.4	9.2	8.2	8.2	9.9
24	7.0	6.8	6.9	7.5	7.5	7.5	7.5	8.0	8.5	9.3	9.9	10.6	11.1	12.8	13.0
25	6.7	4.6	3.5	4.5	5.0	4.7	5.6	8.7	8.7	10.8	11.1	12.1	12.1	13.0	13.7
26	8.8	9.0	8.4	8.2	8.3	8.3	8.4	9.1	11.1	12.5	13.1	13.9	14.2	14.8	15.0
27	8.6	8.8	8.9	8.9	8.9	8.9	9.1	9.2	11.0	13.5	15.1	17.3	17.3	17.6	17.3
28	7.3	7.3	7.6	8.0	8.0	8.2	8.4	9.5	12.1	15.1	17.1	18.8	19.4	20.1	20.0
29	11.1	11.1	11.2	11.2	10.6	10.4	10.3	10.0	13.1	14.9	16.8	19.3	22.7	23.8	24.4
30	12.2	11.8	11.9	12.0	11.1	11.0	10.2	10.8	14.1	17.8	21.0	23.3	24.2	25.3	25.7
31	14.8	16.0	16.3	16.5	16.9	17.1	17.2	17.4	18.4	21.6	23.6	24.6	25.0	24.8	24.5
Prom	9.7	9.4	9.3	9.3	9.1	8.9	8.8	10.2	12.3	14.4	15.8	17.1	17.9	18.3	18.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
63.5	63.3	63.2	63.1	63.0	62.6	62.6	62.3	62.3	65.0	9-10	62.3	23-24	2.7	763.6 mm.	1013.1 mb.
58.6	58.6	59.1	59.2	59.8	59.9	60.0	59.9	60.1	62.1	1	58.6	16-17	3.5	60.2	1013.6
61.0	60.9	60.8	60.8	61.4	61.5	61.6	61.7	61.8	62.7	10	60.1	1	2.6	61.4	1015.2
62.5	62.5	62.5	62.7	63.0	63.3	63.5	63.5	63.5	63.9	10-11	61.7	3-4	2.2	62.8	1017.0
60.6	60.6	60.7	60.8	60.8	61.0	61.3	61.0	61.0	63.5	1	60.6	16-17	2.9	61.9	1015.8
58.5	58.6	58.5	58.5	58.6	58.5	58.5	58.1	58.1	61.1	1	58.1	23-24	3.0	59.6	1012.8
53.9	53.6	53.7	53.9	54.1	53.9	53.8	53.7	53.6	58.1	1	53.6	17,24	4.5	55.5	1007.3
54.6	54.7	54.5	54.6	54.4	54.1	54.5	54.6	53.8	56.9	9	53.5	1	3.4	54.9	1006.5
56.7	56.8	57.0	57.1	57.2	57.1	57.0	57.2	57.2	57.2	10,20,23-24	54.0	2	3.2	56.2	1008.2
56.5	57.0	57.8	58.0	58.2	58.7	58.9	59.1	59.7	59.7	24	56.2	14	3.5	57.4	1009.8
59.0	58.9	58.9	58.9	58.8	58.7	58.6	58.5	58.3	60.8	9-11	58.3	24	2.5	59.5	1012.6
55.9	55.9	55.8	56.1	56.6	56.5	56.3	56.5	56.2	58.0	1	55.8	18	2.2	56.8	1009.0
53.9	53.9	54.2	54.5	54.4	54.2	54.1	54.0	53.9	56.4	8	53.8	14-15	2.6	55.0	1006.6
54.9	55.2	55 4	56.2	56.4	56.5	56.5	56.5	56.5	56.5	21-24	52.1	5	4.4	54.8	1006.4
51.7	52.2	52.5	53.5	54.9	55.4	55.6	56.0	56.3	56.4	1	51.7	16	4.7	54.8	1006.4
61.4	61.3	61.3	61.8	62.0	62.0	62.1	62.1	62.1	62.1	22-24	56.8	1	5.3	60.4	1013.8
64.7	65.5	66.2	68.0	67.9	68.2	68.4	68.5	69.3	69.3	24	61.9	3	7.4	65.0	1020.0
71.4	71.5	71.9	72.3	72.8	72.9	72.9	72.9	72.6	72.9	21-23	69.4	1-2	3.5	71.4	1028.5
68.5	68.0	67.8	67.8	67.8	67.8	67.6	67.6	67.1	72.4	1	67.1	24	5.3	69.8	1026.4
61.3	60.3	60.3	60.0	59.8	59.1	59.2	58.9	58.4	67.0	1-2	58.4	24	8.6	63.1	1017.4
56.6	56.7	56.8	57.3	57.6	57.7	57.9	57.9	57.8	59.2	1	56.6	15-16	2.6	57.7	1010.2
57.5	57.5	57.7	57.9	57.9	57.9	57.8	57.8	57.8	58.7	10	57.0	1	1.7	57.9	1010.5
56.9	57.3	57.9	58.3	58.4	59.3	59.5	60.2	60.4	60.4	24	56.3	13-15	4.1	57.5	1010.0
63.8	64.1	64.5	64.8	65.0	65.5	65.5	65.7	65.7	65.7	23-24	60.6	1,3	5.1	63.5	1018.0
64.3	64.3	64.2	64.1	64.2	64.1	64.2	64.4	63.8	66.5	10-11	63.8	24	2.7	65.1	1020.1
62.3	62.4	62.6	62.7	62.5	62.5	62.5	62.5	62.4	63.8	8-9	61.8	15	2.0	63.0	1017.3
61.9	61.9	61.8	62.8	62.1	62.4	62.2	62.2	62.1	62.8	19	61.7	4-5	1.1	62.1	1015.1
59.7	59.7	59.8	59.9	59.9	59.9	59.8	59.9	59.7	62.0	7	59.7	16-17,24	2.3	60.7	1014.2
59.9	60.0	60.4	60.8	60.9	61.0	61.1	61.2	61.6	61.6	24	59.6	3-6,14	2.0	60.3	1013.7
60.7	60.7	60.7	61.1	61.2	61.3	61.3	61.4	61.6	62.5	10	60.7	15-18	1.8	61.5	1015.3
59.7	59.8	59.9	60.0	59.9	59.9	59.8	59.6	59.5	61.6	1,8-10	59.5	24	2.1	60.6	1014.1
59.8	59.8	60.0	60.2	60.4	60.4	60.5	60.5	60.5	62.2		58.8		3.4	60.5	1014.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
14.9	13.5	10.8	8.4	6.8	5.8	4.7	4.3	3.9	16.2	13	2.4	6-7	13.8	8.4
19.5	17.9	15.2	14.7	13.6	12.4	10.8	9.8	9.0	20.4	15	2.7	7	17.7	11.5
20.7	18.5	15.0	12.7	11.5	10.4	9.7	9.3	9.4	21.3	14	6.5	7	14.8	13.0
22.4	20.8	17.1	14.9	13.9	14.0	13.8	13.9	13.3	22.7	15	9.6	3	13.1	15.2
21.7	20.6	18.3	17.4	16.8	16.8	16.5	16.2	16.0	22.9	15	12.0	5	10.9	17.2
22.7	20.2	18.8	17.7	16.5	16.0	15.7	15.3	15.3	24.5	15	13.4	7	11.1	18.1
24.5	23.0	20.6	19.7	18.4	18.1	17.7	17.4	17.0	24.7	15	13.0	6	11.7	18.1
19.9	17.6	14.4	12.5	11.3	10.6	10.4	9.5	9.3	20.3	14-15	9.3	24	11.0	15.5
18.5	16.2	12.4	10.1	8.2	7.3	7.0	7.0	7.0	19.0	14	7.0	22-24	12.0	12.3
20.8	18.7	15.5	13.3	12.4	11.4	10.7	10.7	9.6	21.6	15	7.7	1	13.9	13.9
18.8	16.4	14.3	12.5	11.4	10.5	10.4	10.5	10.5	19.7	15	5.7	7	14.0	12.4
21.5	19.6	17.6	16.4	15.2	14.8	14.8	14.1	14.2	22.0	14	9.7	3-4,7	12.3	15.2
24.8	22.4	21.1	20.6	20.8	20.8	20.5	20.3	19.9	25.9	15	12.6	7	13.3	19.1
20.4	19.1	17.4	17.1	17.0	16.5	16.2	15.8	15.8	20.9	4-5	15.8	23-24	5.1	18.5
15.5	15.5	15.5	15.2	14.5	14.5	14.5	14.5	13.8	17.5	12	13.8	24	3.7	15.7
13.1	12.6	10.7	10.0	9.0	7.8	7.0	6.0	5.4	13.6	3-4	5.4	24	8.2	11.4
11.6	11.2	10.1	8.9	7.5	6.6	6.0	5.7	5.9	13.8	13	3.1	5,7	10.7	7.6
10.3	8.7	5.9	4.4	2.8	1.8	1.1	0.0	-0.1	11.6	14	-0.1	24	11.7	5.5
10.4	8.6	6.3	5.7	4.6	3.3	3.2	3.5	3.9	11.7	15	-3.4	7	15.1	4.2
11.8	11.2	11.2	11.5	11.6	12.1	12.1	12.1	12.1	12.8	14-15	4.0	3	8.8	9.0
15.1	13.8	11.6	9.9	10.0	10.1	10.2	9.0	7.9	15.2	14-15	7.9	24	7.3	11.2
15.4	13.5	10.4	9.1	7.5	7.5	7.0	6.4	6.7	15.4	16	4.5	7	10.9	8.7
10.2	10.3	9.6	9.5	9.8	10.1	9.4	8.5	7.6	10.3	17	4.7	7	5.6	8.0
12.3	10.4	8.8	7.9	7.8	7.8	8.6	8.7	8.7	13.0	15	6.8	2	6.2	9.0
13.0	11.7	10.5	9.5	8.9	9.1	8.8	8.8	8.9	13.7	15	3.5	3	10.2	8.9
14.8	13.8	12.0	10.5	9.4	9.3	8.7	8.7	8.7	15.0	15	8.2	4	6.8	10.8
16.9	15.6	14.0	11.7	9.4	8.8	8.6	8.4	7.6	17.6	14	7.6	24	10.0	11.7
19.7	16.8	15.0	13.5	12.5	11.7	11.3	11.1	11.0	20.1	14	7.3	1-2	12.8	12.9
23.5	21.1	18.7	16.9	16.2	15.5	14.5	13.6	12.7	24.4	15	10.0	8	14.4	15.6
25.3	22.3	19.3	17.6	16.3	15.3	14.5	13.9	13.7	25.7	15	10.2	7	15.5	16.7
23.4	21.7	18.7	17.7	17.6	17.4	16.8	16.5	15.5	25.0	13	14.8	1	10.2	19.2
17.8	16.2	14.1	12.8	11.9	11.4	11.0	10.6	10.3	18.7		7.6		11.1	12.7

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	5.6	5.4	5.4	5.4	5.4	5.2	5.2	7.0	6.8	6.0	5.8	5.6	5.8	6.1	6.2
2	5.6	5.6	5.4	5.6	5.8	5.6	5.4	7.4	7.8	8.0	9.0	8.0	8.0	8.1	8.5
3	8.0	7.4	7.4	7.2	7.2	7.2	7.0	8.7	9.0	9.0	9.5	9.0	7.8	7.9	7.8
4	7.8	7.8	8.0	8.0	8.0	8.0	8.5	9.2	9.0	10.0	0.0	9.5	10.5	10.7	10.5
5	10.0	10.0	10.5	10.0	10.0	9.5	10.0	9.1	11.0	11.5	11.5	11.5	11.5	11.1	10.5
6	13.0	13.0	12.0	12.0	11.5	11.0	11.0	12.3	13.5	13.5	12.5	12.0	11.5	12.5	12.0
7	11.5	11.0	11.0	11.0	10.5	10.5	10.5	11.9	12.5	13.5	15.0	15.0	15.0	15.4	14.5
8	14.0	14.0	12.5	10.5	10.5	11.0	11.5	11.5	10.5	8.5	8.0	6.8	6.2	5.6	5.8
9	7.0	6.2	6.8	7.0	7.6	7.0	6.2	6.5	6.6	6.2	6.2	6.6	6.6	6.7	5.2
10	6.8	7.2	7.6	8.0	8.0	8.0	7.4	7.6	7.6	7.6	7.4	6.4	7.6	7.7	7.2
11	7.2	7.2	7.0	6.8	6.4	6.8	6.2	8.0	8.0	8.0	7.4	7.2	7.0	6.9	7.2
12	7.2	7.0	7.4	6.4	6.6	7.0	7.4	7.7	7.6	8.0	9.0	9.5	10.0	10.5	10.0
13	10.0	10.0	10.5	10.0	1.0	10.0	10.0	9.9	9.5	9.5	10.0	10.0	11.0	12.6	13.0
14	15.0	16.0	16.0	16.0	17.0	14.5	14.5	13.8	12.5	11.0	13.0	13.0	13.5	14.6	14.0
15	12.0	12.0	13.0	13.0	13.0	13.0	13.0	13.6	13.5	13.5	13.5	13.5	13.5	13.1	12.5
16	11.0	11.0	11.0	11.0	11.0	10.0	9.0	9.3	8.5	8.5	8.5	9.0	9.0	8.5	8.5
17	6.2	5.8	5.6	5.6	5.4	5.6	5.4	5.9	6.6	6.2	6.6	6.4	6.2	6.3	6.2
18	5.8	5.4	5.0	5.0	5.0	5.0	4.8	5.1	5.2	5.2	4.8	5.0	4.6	4.7	4.2
19	3.8	4.0	4.0	4.0	3.6	3.6	3.4	4.3	4.2	4.4	4.2	3.8	3.8	4.2	5.4
20	5.6	5.6	5.2	5.4	5.0	5.4	5.6	5.6	5.2	5.2	5.0	4.8	5.0	5.6	5.8
21	7.8	7.6	7.4	7.0	7.0	7.0	7.4	8.0	7.6	8.0	7.4	8.5	9.0	8.8	8.5
22	7.0	7.0	6.8	6.6	6.4	6.2	6.0	6.1	6.8	8.0	9.0	8.5	9.0	8.8	8.5
23	6.0	6.0	5.8	5.8	5.8	5.8	5.6	5.5	5.6	6.2	5.8	7.0	7.4	7.2	7.0
24	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.8	7.6	8.0	7.4	7.2	7.0	7.7	8.0
25	6.6	6.2	5.6	6.0	6.2	6.2	6.6	8.1	7.6	7.8	7.0	7.0	7.0	7.4	7.2
26	7.8	7.8	7.6	7.4	7.4	7.4	7.6	7.8	8.0	8.0	8.0	8.5	8.5	8.9	8.5
27	8.0	8.0	7.8	8.0	8.0	8.0	8.0	8.4	8.5	8.5	9.0	9.0	9.5	10.0	9.5
28	7.4	7.4	7.4	7.8	7.8	7.8	7.8	8.8	9.0	9.5	9.5	10.5	10.5	10.9	10.5
29	9.0	9.0	9.0	9.0	9.0	8.5	8.5	8.8	9.0	9.5	10.0	11.0	13.5	11.7	12.0
30	10.0	10.0	10.0	10.0	9.5	9.5	9.0	9.4	11.0	12.5	13.0	15.0	15.0	16.0	15.0
31	12.0	13.0	13.0	12.5	13.0	13.0	13.5	13.6	13.0	13.5	13.5	13.0	12.0	12.5	13.0
Prom.	8.4	8.4	8.4	8.2	8.2	8.1	8.0	8.6	8.7	8.8	8.9	9.0	9.1	9.3	9.1

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7.8	8.5	7.8	7.6	7.0	6.6	6.2	6.0	5.8	8.5	17	5.2	6-7	3.3	6.3
9.5	10.0	10.5	9.5	8.5	9.5	8.5	8.5	8.0	10.5	18	5.4	3,7	5.1	7.8
7.6	9.5	9.5	9.5	9.1	8.0	8.0	8.0	8.0	9.5	11,17-19	7.0	7	2.5	8.2
10.5	12.0	12.5	11.5	10.8	11.0	10.0	10.5	10.5	12.5	18	7.8	1-2	4.7	9.8
13.0	13.0	12.5	12.5	12.7	13.0	12.5	12.5	13.0	13.0	16-17,21,24	9.1	8	3.9	11.4
13.5	13.5	12.5	13.0	12.8	12.5	12.0	12.5	12.5	13.5	9-10,16-17	11.0	7	2.5	12.4
14.0	16.0	15.5	15.5	14.8	14.0	13.5	13.5	13.0	16.0	17	10.5	6-7	5.5	13.3
6.4	9.0	9.0	8.5	8.3	7.2	7.2	6.8	6.2	14.0	1-2	5.8	15	8.2	9.0
6.6	8.5	8.0	7.6	7.2	6.6	6.8	6.0	6.0	8.5	17	5.2	15	3.3	6.7
7.8	6.8	8.0	8.0	6.8	7.2	6.4	7.0	7.2	8.0	4-6,18-19	6.4	12,22	1.6	7.4
7.6	8.5	8.5	9.0	8.1	7.2	7.2	7.2	7.2	9.0	19	6.2	7	2.8	7.4
11.5	11.5	11.5	11.5	10.9	11.0	11.0	10.5	9.5	11.5	16-19	6.4	4	5.1	9.2
13.0	12.5	12.5	12.0	12.1	12.0	13.0	12.5	14.0	14.0	24	9.5	9-10	4.5	11.2
14.5	15.0	13.5	13.0	13.8	12.5	12.5	12.0	12.0	17.0	5	11.0	10	6.0	13.9
12.0	12.0	11.5	12.5	11.7	11.0	12.0	12.0	11.0	13.6	8	11.0	21,24	2.6	12.6
8.5	8.5	8.0	7.6	6.6	6.8	6.8	6.8	6.4	11.0	1-5	6.4	24	4.6	8.7
6.8	7.2	6.6	6.0	6.2	6.0	5.6	5.6	5.6	7.2	17	5.4	5,7	1.8	6.1
4.4	5.2	5.0	5.0	5.0	4.4	4.4	4.4	4.0	5.8	1	4.0	24	1.8	4.9
5.8	5.6	5.4	5.6	5.3	5.2	5.0	5.4	5.4	5.8	16	3.4	7	2.4	4.6
6.4	6.6	6.6	6.8	7.5	7.6	7.6	7.6	8.0	8.0	24	4.8	12	3.2	6.0
8.5	9.0	8.5	8.5	8.7	8.5	8.5	7.8	7.6	9.0	13,17	7.0	4-6	2.0	8.0
8.0	8.5	8.0	7.6	7.3	7.0	6.8	6.6	6.0	9.0	11,13	6.0	7,24	3.0	7.4
7.2	6.6	6.8	7.2	7.4	7.6	7.6	7.2	7.4	7.6	21-22	5.5	8	2.1	6.6
7.6	7.6	7.4	6.8	7.2	7.2	7.2	7.2	7.6	8.0	10,15	6.8	19	1.2	7.4
7.4	7.8	7.8	7.6	7.5	7.4	7.4	7.4	7.4	8.1	8	5.6	3	2.5	7.1
9.0	9.0	9.0	8.5	8.3	8.0	7.6	7.6	8.0	9.0	16-18	7.4	4-6	1.6	8.1
10.0	10.5	10.0	10.0	8.3	8.0	8.0	7.8	7.4	10.5	17	7.4	24	3.1	8.7
10.5	11.0	11.0	10.5	10.3	10.0	9.5	9.0	9.0	11.0	17-18	7.4	1-3	3.6	9.3
12.0	12.5	12.0	11.5	11.7	11.5	11.0	10.5	10.0	13.5	13	8.5	6-7	5.0	10.4
16.0	17.5	15.0	14.5	13.2	12.5	12.0	11.5	11.0	17.5	17	9.0	7	8.5	12.4
13.0	14.0	13.0	13.0	12.4	12.0	12.0	12.5	12.0	13.6	8	12.0	1,13,21-22,24	1.6	12.8
9.6	10.1	9.8	9.6	9.3	9.0	8.8	8.7	8.6	10.7		7.2		3.5	8.9

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NW	6	NW	2	NW	3	Calma	1	N	2	Calma	1	SE	2	Calma	1	E	3	NW	13	3	5	N	12.24
NW	5	W	4	Calma	1	SW	4	SW	4	SW	2	SW	2	Calma	1	Calma	1	NE	7	4	9	NE	10.16
NW	8	NW	4	NE	4	NE	5	NE	5	N	4	NE	6	NE	7	NE	13	NW	8	5	9	NW	13.19
N	11	N	9	NE	2	NE	3	NE	7	NE	6	NE	7	NE	9	NE	7	NE	15	12	22	NW N	10.00 11.00
NE	9	NE	7	E	4	E	6	E	7	E	6	E	6	E	6	E	6	NE	10	9	16	N	12.48
NE	6	NE	7	NE	6	NE	6	NE	6	NE	5	NE	8	NE	8	N	7	NE	10	4	8	NE	15.40
NW	15	N	10	NE	6	NE	11	NE	9	NE	8	NE	10	NE	8	NE	8	NE	13	9	24	NW	12.56
E	3	NE	5	NE	5	NE	6	N	4	N	5	NW	5	NW	5	NW	9	S	6	6	23	SW	1.40
SW	6	Calma	1	Calma	1	Calma	1	Calma	0	Calma	0	E	4	NE	4	NW	7	SW	11	7	13	SW S	5.00 12.00
SW	11	SW	7	S	6	Calma	1	S	6	S	4	S	7	S	4	S	4	NW	9	10	24	SW	11.56
NW	15	NW	9	NW	8	N	8	N	14	N	12	N	12	N	15	N	13	NW	10	8	15	NE	10.52
NW	20	NW	14	N	10	NE	8	NE	9	N	10	N	15	N	13	N	14	N	17	17	28	N	13.04
NE	14	NE	9	NE	8	NE	7	NE	10	NE	14	NE	14	NE	15	N	18	N	16	15	23	N	10.44
E	8	SE	4	SE	5	SE	4	SE	6	SE	7	SE	7	SE	6	SE	7	SE	10	11	42	N	2.59
E	13	E	9	E	13	NE	5	SW	8	SW	8	SW	13	SW	10	S	8	E	13	8	22	NE	17.08
S	5	SW	2	SW	4	SW	6	SW	8	S	3	S	3	S	2	Calma	1	S	15	6	23	SW	5.56
SW	15	SW	9	SW	10	S	10	S	9	S	4	S	7	S	4	S	7	SW	14	6	23	SW	15.28
SE	6	SE	5	SE	2	Calma	1	Calma	1	Calma	1	Calma	1	SW	2	SW	5	SE	9	5	15	SE	11.44
NE	9	NE	7	E	5	E	6	E	4	E	3	NE	6	NE	9	N	9	NE-S-SE	5	4	10	NE	14.47
N	16	NE	13	NE	16	NE	18	NE	20	NE	24	NE	21	NE	18	NE	19	NE	13	18	29	NE	10.06
NW	5	NW	4	NW	5	Calma	1	SW	5	S	2	S	2	Calma	1	N	4	NE	9	8	13	NW	10.29
SW	3	SW	3	W	4	NW	6	NW	7	NW	7	NW	9	NW	9	W	11	NW	7	5	9	SW W	12.20 23.20
SW	15	SW	14	SW	8	SW	9	W	12	SW	14	SW	11	SW	13	SW	8	W	16	13	26	W	12.13
SW	7	W	7	W	10	W	9	W	9	W	7	W	3	Calma	1	Calma	1	SW	12	8	19	SW	5.27
N	12	NE	6	NE	9	NE	8	NE	10	NE	12	N	14	N	12	NE	11	NW	9	8	16	N	11.59
NW	12	N	6	N	6	N	8	N	11	N	10	NW	9	NW	11	NW	7	N	16	14	27	N	9.54
W	4	W	5	W	4	NW	2	Calma	1	NW	4	NW	3	NW	7	NW	5	NW	14	7	8	NW SW	3.00 10.00
NW	10	NW	9	NW	9	NW	9	NW	7	NW	10	NW	10	NW	10	NW	11	NW	23	10	18	NW	12.30
W	11	W	7	NW	8	NW	11	NW	14	NW	11	NW	9	NW	9	NW	6	NW	18	11	18	W	12.54
NW	7	NW	2	NE	4	NE	3	NE	3	NE	3	NE	4	NE	2	NE	3	NW	8	4	7	NW	12.15
NW	15	N	7	N	4	NE	9	NE	10	NE	12	NE	10	NE	10	N	6	NW	11	12	24	N	10.52
NW		NE-NW		NE		NE		NE		NE		NE		NE		N		PREVALENCIA MENSUAL: Dirección	Horas	VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
11		7		9		12		10		8		9		10		7		NW	166	9	36 Km.		
	10		7		6		6		7		7		8		7		8				DIRECCIÓN	DÍA	HORA
																					NW N	12 13	de 12.45 a 13.00 de 10.30 a 10.45

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	2			1	3	1	2					4	9	13	54	4	74
2	3	16	7	38	1	3			1	2	4	12	1	4	2	12	5	92
3	2	7	7	42							3	8	3	16	8	47	1	121
4	9	162	15	132														294
5	7	95	10	69	7	41												205
6	2	11	10	57	3	11	1	2			3	10			3	10	2	102
7	8	68	13	105											3	51		224
8	3	16	3	16	2	7	5	24	6	48	1	12	1	10	3	19		152
9			1	4	1	4					11	115	3	30	3	19	5	175
10									6	31	4	48	4	66	9	84	1	230
11	6	74			1	3					2	5			10	119	5	204
12	17	285	2	17											5	108		410
13	16	261	8	91														362
14	3	58	1	11	7	78	10	67							3	54		268
15			1	5	13	94	4	26	2	21	4	39						185
16							4	34	15	102	4	20					1	157
17									6	41	14	96					4	138
18							9	59	6	41	4	21					5	126
19	2	14	5	38	5	23	5	16	3	9					1	4	3	107
20	11	157	13	272														429
21	2	18	9	91					2	4	1	5			8	68	2	188
22			2	6					2	8	6	23	4	17	7	42	3	99
23											8	88	16	223				311
24											12	121	10	85			2	208
25	7	95	6	58											9	47	2	202
26	16	241	3	37											5	60		338
27											2	13	7	46	14	102	1	162
28													1	6	23	241		247
29													6	78	18	187		265
30	1	2	7	22							2	4	4	20	8	39	2	88
31	7	67	6	56											11	167		290
SUMAS	123	1659	129	1167	41	267	39	230	49	307	85	640	64	610	166	1534	46	6453
% PREVAL POR VELOCIDAD	25.7		18.1		4.1		3.6		4.8		9.9		9.4		23.8		0.6	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		9		6		6		6		8		10		9		1	208

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	6	6	2		3	2	2	8	2
1 - 2	7	5	2		3	1	3	9	1
2 - 3	7	5	2		2	2	5	6	2
3 - 4	5	4	1		2	1	5	9	4
4 - 5	4	5	1	2	3	1	6	7	2
5 - 6	4	5	1	1	3	4	2	6	5
6 - 7	4	5	1	2	3	4	4	5	3
7 - 8	5	4	2	3	3	5	2	4	3
8 - 9	8	1	3	2		5	1	8	3
9 - 10	7	3	1	5		5	3	6	1
10 - 11	5	4	1	4	1	4	2	10	
11 - 12	8	3	1	3	1	5	3	7	
12 - 13	7	1	2	1	2	7	2	9	
13 - 14	8	1	1	2	3	3	4	9	
14 - 15	4	2	2	2	1	4	5	11	
15 - 16	3	4	3	1	1	6	2	11	
16 - 17	4	7	1	2		5	4	7	1
17 - 18	3	9	3	2	1	3	3	5	2
18 - 19	2	12	2	1	1	3	1	4	5
19 - 20	4	10	2	1	2	4	2	3	3
20 - 21	5	8	2	1	4	3	1	4	3
21 - 22	3	9	2	2	4	3	1	6	1
22 - 23	3	10	1	1	3	3		6	4
23 - 24	7	6	2	1	3	2	1	6	3
SUMAS	123	129	41	39	49	85	64	166	48
% de frec. por dirección	16.5	17.3	5.5	5.4	6.5	11.4	8.6	22.3	6.5

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	37.6	17.4	1.64	2	5	5	
	10	41.2	19.4	1.77	6	5	5	
	12	34.7	17.4	1.41	6	2	5	
	14	26.1	16.8	0.76	4	2	5	
	15	24.0	16.0	0.65	7	2	5	
2	9	36.7	17.0	1.60	0	5	3	Ne.
	10	41.0	20.0	1.71	0	5	4	Ne.
	12	43.7	22.6	1.72	0	5	5	
	14	43.5	23.5	1.63	1	5	5	
	15	36.8	21.4	1.25	6	4	5	
3	9	37.5	18.2	1.57	0	5	5	
	10	41.5	20.7	1.69	0	5	5	
	12	44.2	23.8	1.66	1	5	5	
	14	43.7	24.0	1.60	1	5	5	
	15	41.5	23.2	1.49	0	5	5	
4	9	38.2	19.0	1.56	0	5	5	
	10	42.0	21.8	1.64	0	5	5	
	12	43.4	25.8	1.43	2	5	5	
	14	43.2	26.2	1.38	1	5	5	
	15	42.5	25.4	1.39	0	5	5	
5	9	39.6	20.5	1.55	2	5	5	
	10	43.0	23.0	1.63	4	5	5	
	12	41.0	24.5	1.34	1	3	5	
	14	41.2	25.8	1.25	9	4	5	
	15	38.2	24.8	1.09	9	3	5	
6	9	43.2	24.0	1.56	1	5	5	
	10	45.0	25.5	1.58	1	5	5	
	12	49.6	28.0	1.76	3	5	5	
	14	45.5	27.0	1.50	1	5	5	
	15	43.8	26.7	1.39	3	5	5	
7	9	25.8	17.3	0.69	10	0	1	N.
	10	30.2	19.2	0.89	10	0	2	N.
	12	47.0	27.0	1.63	4	3	5	
	14	39.4	26.3	1.06	7	3	5	
	15	38.8	26.5	1.00	10	3	5	
8	9	37.3	19.4	1.46	1	5	5	
	10	42.2	22.0	1.64	0	5	5	
	12	44.0	23.2	1.69	1	5	5	
	14	44.4	23.7	1.68	2	5	5	
	15	35.0	21.2	1.12	5	4	5	
9	9	34.2	17.2	1.38	3	4	5	
	10	41.2	20.2	1.71	1	5	5	
	12	43.5	22.6	1.70	0	5	5	
	14	41.2	22.2	1.54	7	4	5	
	15	39.8	21.2	1.51	5	5	5	
10	9	37.2	18.2	1.54	1	5	5	
	10	41.5	21.0	1.67	0	5	5	
	12	43.8	23.5	1.65	1	5	5	
	14	41.4	24.7	1.36	1	5	5	
	15	38.3	23.4	1.21	1	5	5	
11	9	36.1	17.5	1.52	1	5	4	B.
	10	39.8	19.5	1.65	1	5	5	
	12	42.5	22.0	1.67	0	5	5	
	14	41.3	22.7	1.51	2	5	5	
	15	35.6	21.2	1.17	2	5	5	
12	9	37.0	18.4	1.51	1	5	5	
	10	40.5	20.6	1.62	1	5	5	
	12	44.7	25.0	1.60	1	5	5	
	14	42.0	25.7	1.32	8	4	4	
	15	33.8	23.4	0.84	8	3	5	
13	9	39.0	21.0	1.46	0	5	5	
	10	42.9	23.7	1.59	0	5	5	
	12	46.7	27.5	1.59	0	5	5	
	14	45.2	28.8	1.33	0	5	5	
	15	43.0	28.0	1.22	1	5	5	
14	9	21.8	17.5	0.35	10	0	3	N.
	10	25.2	18.4	0.55	10	0	4	Ne.
	12	36.0	22.6	1.09	10	0	5	
	14	26.8	20.7	0.50	8	3	5	
	15	34.8	22.5	1.00	7	3	5	
15	9				10	0	1	N.,Z.
	10				10	0	1	N.,Z.
	12	21.9	18.0	0.32	10	0	1	N.
	14				10	0	2	LL.
	15				10	0	2	LL.
16	9	20.2	13.3	0.36	1	1	5	
	10	16.7	12.6	0.33	10	0	5	
	12	21.3	13.2	0.66	10	0	5	
	14	21.0	14.0	0.57	10	0	5	
	15	19.9	13.5	0.52	10	0	5	
17	9	25.5	11.5	1.14	9	1	4	
	10	22.2	12.2	0.81	10	1	4	
	12	26.5	14.5	0.98	10	0	5	
	14	22.0	13.6	0.68	10	0	5	
	15	19.5	13.0	0.53	10	0	5	
18	9	30.5	11.0	1.58	1	5	5	
	10	34.0	13.0	1.71	0	5	5	
	12	37.7	16.2	1.75	1	5	5	
	14	36.7	15.7	1.71	4	5	5	
	15	34.0	15.4	1.51	4	3	5	
19	9	31.1	10.5	1.67	2	5	5	
	10	34.4	13.0	1.74	2	5	5	
	12	37.2	15.5	1.76	3	5	5	
	14	24.3	12.3	0.98	7	4	5	
	15	26.2	12.5	1.11	3	5	4	B.
20	9	22.4	8.3	1.15	0	5	5	
	10	32.9	13.0	1.62	0	5	5	
	12	34.7	16.2	1.50	1	5	5	
	14	29.4	16.2	1.07	5	3	5	
	15	19.7	13.2	0.53	4	4	5	
21	9	15.2	11.2	0.32	10	0	5	
	10	15.9	11.5	0.36	10	0	5	
	12	22.4	14.5	0.64	10	0	5	
	14	32.7	17.8	1.21	7	3	5	
	15	25.7	15.9	0.80	2	3	5	
22	9	16.7	8.4	0.67	10	0	1	N.
	10	21.1	11.9	0.75	10	0	1	N.
	12	20.6	14.4	0.50	10	0	3	Ne.
	14	38.2	18.5	1.60	7	3	5	
	15	35.5	18.4	1.39	8	5	5	
23	9	28.6	11.1	1.44	2	5	5	
	10	14.1	8.9	0.42	9	0	5	
	12				10	0	3	Ne., Z.
	14				10	0	3	Ne., Z.
	15	14.2	10.2	0.32	10	0	5	
24	9				10	0	4	Z.
	10				10	0	4	Z.
	12	18.8	11.7	0.58	10	0	5	
	14	37.0	17.0	1.63	9	3	5	
	15	16.5	12.5	0.32	9	0	5	
25	9	13.0	8.5	0.36	10	0	3	
	10	24.2	13.2	0.89	9	2	4	
	12	22.4	13.7	0.71	10	0	5	
	14	26.4	14.6	0.96	9	3	5	
	15	26.5	15.1	0.93	7	4	5	
26	9	20.4	12.5	0.64	10	0	5	
	10	26.4	15.0	0.93	10	0	5	
	12	22.5	15.0	0.61	10	0	5	
	14	23.4	15.8	0.62	10	0	5	
	15	21.8	15.4	0.52	9	1	5	
27	9	21.6	13.4	0.67	10	0	4	
	10	21.7	14.7	0.57	10	0	5	
	12	28.6	18.5	0.82	10	0	5	
	14	26.2	18.1	0.66	10	0	4	
	15	20.4	16.5	0.32	10	0	4	
28	9	32.8	16.0	1.36	1	5	4	B.
	10	37.5	18.9	1.51	2	5	4	B.
	12	42.1	22.8	1.57	3	5	4	B.
	14	36.2	22.2	1.14	10	4	4	B.
	15	33.2	21.2	0.98	10	4	4	B.
29	9	20.0	14.0	0.49	10	0	3	
	10	24.5	16.2	0.67	10	0	3	
	12	42.0	23.5	1.50	10	4	4	
	14	44.4	26.5	1.46	10	4	5	
	15	41.7	25.7	1.30	7	5	5	
30	9	31.7	17.5	1.15	7	4	3	Ne.
	10	39.7	22.0	1.44	1	5	3	Ne.
	12	45.7	27.5	1.48	0	5	4	B.
	14	43.7	27.5	1.32	1	5	4	B.
	15	41.5	27.2	1.16	1	5	4	B.
31	9	27.4	19.7	0.63	9	1	4	B.
	10	44.5	25.4	1.55	4	3	4	B.
	12	44.5	28.4	1.31	0	5	5	
	14	43.0	27.8	1.24	0	5	5	
	15	40.4	26.3	1.15	0	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.5	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.1	0.6			7.7	10.7	72
2			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5			8.8	10.6	83
3			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.7	10.6	92
4			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.6	91
5			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2			8.8	10.6	83
6			0.1	1.0	1.0	1.0	0.9	1.0	0.9	1.0	0.7				7.6	10.5	72
7						0.5	1.0	1.0	1.0	1.0	1.0	0.6			6.1	10.5	58
8				0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.2	10.5	78
9				0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			7.8	10.4	75
10			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.3	10.4	89
11			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.3	10.4	89
12			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.1	10.4	88
13			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			9.0	10.3	87
14							0.7	0.9	0.9	1.0	0.7	0.3			4.5	10.3	44
15											0.3	0.5			0.8	10.3	08
16					0.4				0.2		0.1				0.7	10.3	07
17				0.4	0.9										1.3	10.3	13
18			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7			8.8	10.2	86
19				0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.1			7.4	10.2	72
20			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3				7.8	10.2	76
21							0.1		0.9	0.9	1.0	0.5			3.4	10.2	33
22							0.2	0.5	0.8	0.7	1.0	0.5			3.7	10.2	36
23			0.4	1.0	0.8	0.4	0.1			0.2	0.5	0.6			4.0	10.1	40
24						0.2	0.5	0.1	0.9	0.9	0.5	0.3			3.4	10.1	34
25					0.5	0.6	0.5	0.2	0.6	1.0	0.6				4.0	10.1	40
26					0.5	0.1				0.2	0.1	0.3			1.2	10.1	12
27					0.5	0.2	0.9	0.2	0.2						2.0	10.1	20
28			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9				8.0	10.0	80
29				0.4	0.1	0.5	1.0	1.0	1.0	1.0	0.6				5.6	10.0	56
30				0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			7.5	10.0	75
31						0.3	1.0	1.0	1.0	1.0	1.0	0.4			5.7	10.0	57
Medias			0.2	0.6	0.7	0.6	0.7	0.7	0.8	0.8	0.7	0.4			6.2	10.3	60

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	13.4	16.4	15.2	13.8	15.3	15.2	14.6	14.8	14.8	16.0	15.6	15.6	17.9	17.7	17.5
2	12.8	16.4	16.3	13.0	14.9	15.5	13.7	14.0	14.8	15.1	14.9	15.2	17.3	17.2	17.1
3	13.8	17.2	16.5	13.7	15.6	15.9	14.1	14.4	15.1	15.2	15.1	15.2	17.1	17.1	17.0
4	14.8	17.9	17.0	14.4	16.0	16.2	14.4	14.7	15.2	15.4	15.3	15.6	17.2	17.1	17.0
5	15.4	18.5	18.1	14.9	16.6	17.0	14.8	15.1	15.8	15.4	15.6	15.9	17.2	17.2	17.2
6	16.7	19.6	19.0	16.1	17.9	18.1	15.6	16.2	18.8	16.0	16.2	16.6	17.4	17.6	17.7
7	17.8	20.0	19.6	16.9	18.1	18.4	16.4	16.6	17.2	16.8	16.8	17.0	18.0	18.0	18.1
8	18.3	19.6	18.2	17.5	18.3	17.8	16.8	17.1	17.2	17.2	17.2	17.4	18.3	18.4	18.4
9	16.2	18.0	16.8	15.8	16.8	16.5	15.8	15.8	16.2	16.8	16.5	16.6	18.3	18.2	18.1
10	15.2	17.6	16.6	14.9	16.3	16.2	15.0	15.4	15.6	16.0	15.9	16.0	17.8	17.8	17.6
11	14.1	17.2	16.4	14.2	15.7	15.8	14.6	14.8	15.0	15.8	15.6	15.6	17.6	17.5	17.3
12	14.9	17.6	17.4	14.5	15.8	16.3	14.4	14.7	15.4	15.5	15.4	15.7	17.3	17.3	17.2
13	16.2	18.8	18.7	15.5	16.9	17.4	15.0	15.4	16.2	15.7	15.8	16.2	17.3	17.3	17.4
14	18.4	19.7	19.4	17.8	18.1	18.3	16.6	16.7	17.2	16.6	16.8	17.1	17.6	17.8	18.0
15	18.6	18.8	18.2	17.6	17.8	17.4	16.8	16.8	16.7	17.1	17.0	17.0	18.2	18.2	18.2
16	17.4	17.3	16.4	16.6	16.6	16.2	16.2	16.0	15.7	16.6	16.6	16.4	18.0	18.0	17.9
17	13.4	15.0	14.6	13.6	14.3	14.2	14.2	14.0	14.0	15.5	15.0	15.0	17.5	17.2	17.0
18	12.6	14.3	13.2	12.5	13.4	13.2	13.0	13.0	13.0	14.3	14.0	14.0	16.6	16.4	16.1
19	10.6	13.0	12.6	11.0	12.1	12.3	11.9	11.8	12.2	13.6	13.2	13.2	15.9	15.7	15.5
20	11.2	12.6	12.8	10.9	11.7	12.0	11.4	11.4	11.8	12.8	12.6	12.7	15.2	15.1	14.9
21	12.4	13.8	13.6	11.8	12.5	12.9	11.6	11.8	12.2	12.6	12.7	12.8	14.8	14.8	14.8
22	12.2	13.8	13.5	11.8	12.7	12.7	11.8	11.9	12.4	12.8	12.7	12.8	14.8	14.8	14.7
23	11.9	12.4	12.4	11.5	11.9	11.8	11.6	11.4	11.6	12.6	12.4	12.4	14.7	14.6	14.5
24	11.7	13.0	13.0	11.1	11.9	12.2	11.1	11.2	11.6	12.1	12.0	12.2	14.3	14.2	14.1
25	11.9	13.4	13.1	11.4	12.2	12.3	11.2	11.4	11.8	12.2	12.2	12.3	14.4	14.0	14.2
26	12.2	13.3	13.1	11.5	12.3	12.5	11.3	11.4	11.8	12.2	12.1	12.3	14.1	14.1	14.1
27	12.4	14.3	14.1	11.7	12.9	13.2	11.4	11.7	12.0	12.2	12.2	12.4	14.1	14.1	14.1
28	12.4	15.0	14.8	11.9	13.3	13.8	11.7	12.0	12.6	12.4	12.4	12.8	14.2	14.2	14.2
29	13.6	15.7	15.8	12.9	14.0	14.5	12.4	12.8	13.3	12.9	13.0	13.3	14.4	14.6	14.6
30	14.1	17.2	17.0	13.5	15.1	15.8	12.9	13.4	14.2	13.4	13.5	14.0	14.8	14.9	15.0
31	16.2	18.4	17.8	15.3	16.5	16.6	14.2	14.6	15.2	14.3	14.4	15.0	15.4	15.5	15.6
Prom.	14.3	16.3	15.8	13.9	14.9	15.1	13.8	13.9	14.4	14.6	14.5	14.8	16.4	16.3	16.3

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					2	0.2	1.6	0.6	2.5							7302
2					2	0.3	1.3	0.8	2.2	-	-	-	-			7376
3					2	0.1	1.4	1.1	2.8							7376
4					1	0.3	2.4	0.6	3.3							7388
5					0	0.3	1.6	0.8	2.6							7389
6					0	0.2	1.0	0.7	1.7							7379
7	0.0	0.0	0.0	0.0	0	0.0	0.8	1.0	2.2	F.14	19.2	19.6	23.4			7366
8	1.7	2.2	2.3	0.0	2	0.4	1.5	0.9	3.3							7371
9					1	0.9	1.7	1.0	3.0							7378
10					0	0.3	1.9	1.3	3.6							7392
11					0	0.4	1.8	1.3	4.4							7416
12					0	1.3	2.1	1.3	4.1	-	-	-	-			7403
13					0	0.7	1.0	3.6	4.8							7408
14	30.7	32.4	33.2	24.7	2	0.2	0.4	0.4	1.1							7360
15	6.2	7.8	7.0	0.6	2	0.3	0.1	0.1	0.5							7362
16	2.4	3.6	3.5	1.2	2	0.3	0.5	0.4	1.0							7377
17					2	0.1	0.8	0.8	2.1	F.15	21.8	19.2	25.3			7382
18					2	0.5	1.0	0.6	1.7							7304
19					2	0.1	1.0	0.6	2.1							7384
20					1	0.5	1.8	1.2	4.1							7338
21					1	1.1	0.7	0.4	1.2							7290
22	0.0	0.0	0.0	0.0	1	0.1	0.2	0.4	0.9	F.16	19.9	19.4	20.5			7309
23					0	0.3	0.7	0.4	1.4							7298
24	0.0	0.5	0.0	0.0	1	0.3	0.4	0.4	0.9							7388
25	0.0	0.0	0.0	0.0	1	0.1	0.6	0.7	1.7							7355
26					0	0.4	0.8	0.6	1.5							7329
27					0	0.1	0.7	0.3	1.1	F.17	18.2	17.9	19.3			7323
28					0	0.1	1.2	0.9	2.4							7318
29					0	0.3	1.1	1.1	2.4							7315
30					0	0.2	0.8	0.7	1.7							7322
31					0	0.2	2.1	1.0	3.4							7331
Prom.	41.0	46.5	46.0	26.5	-	0.4	1.1	0.8	2.3	-	-	-	-	-	-	7354

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		
18.0	18.0	19.7	19.1	19.3	19.2	21.0	20.8	-1.1	Ca. m., Variable t.y n,r.m.t.y n,h.m,Dl.Jl. n.
17.6	17.5	17.3	19.0	19.2	19.0	21.0	20.8	-0.5	Ca. m. y t., Cn. n., h. m., r. n.
17.3	17.3	17.1	18.9	19.0	18.9	21.0	20.8	3.5	Ca. m. y t., Cn. n., r. m. y n.
17.3	17.3	17.2	18.8	18.8	18.8	21.0	20.8	5.3	Ca. m. t. y n., r. m. y n., Ne. m.
17.3	17.4	17.3	18.7	18.7	18.7	20.7	20.7	4.5	Ca. m., Cn. t. y n., r. m. y n., Ds.Js. t.
17.5	17.6	17.6	18.6	18.7	18.7	20.7	20.7	8.5	Ca. m. t. y n., Ne. m., r. m. y n., Z. m.
17.8	18.0	18.0	18.7	18.7	18.7	20.7	20.7	10.7	Cn. t., Ca. n., N.d.v. m., r. n., Jl. n.
18.2	18.3	18.3	18.7	18.7	18.7	20.7	20.7	12.2	Ca. m. t. y n., Ne. m., r. m. y n., Jl. n.
18.3	18.3	18.1	18.7	18.7	18.7	20.5	20.6	4.2	Ca. m. y n., Cn. t., r. m. y n.
18.0	18.0	17.8	18.6	18.7	18.8	20.5	20.6	1.4	Ca. m. t. y n., B. m., r. m. y n.
17.7	17.7	17.5	18.6	18.6	18.6	20.5	20.6	1.0	Ca. m. y t., Variable n., Ne. m., r. m. y n.
17.5	17.4	17.2	18.5	18.5	18.5	20.5	20.6	5.6	Ca. m. y n., Cn. t., r. m. y n., Js. t.
17.4	17.4	17.4	18.4	18.5	18.5	20.5	20.6	8.8	Ca. m. y t., Cn. n., r. m.
17.5	17.8	17.8	18.3	18.4	18.4	20.0	20.5	16.5	Cn. m. y t., Variable n., LL.N. m.
18.0	18.0	18.0	18.5	18.5	18.5	20.1	20.5	14.8	Cn. m. t. y n., N. m., LL.Ru. t.
18.0	18.0	17.8	18.5	18.5	18.4	20.1	20.4	11.4	Cn. m. y t., Ca. n., LL.(gotas) m., r. n.
17.5	17.4	17.1	18.2	18.2	18.2	20.0	20.4	-0.5	Cn. m. y t., Ca. n., r. m.
16.8	16.6	16.3	17.9	17.9	17.9	20.0	20.3	0.1	Ca. m. t. y n., r. m. y n.
16.2	16.0	15.7	17.7	17.7	17.7	20.0	20.3	-5.1	Ca. m. y n., Cn. t., h. m.
15.5	15.4	15.2	17.5	17.5	17.5	20.0	20.3	-0.4	Ca. m., Variable t., Cn. n., r. m.
15.1	15.1	15.0	17.3	17.4	17.4	20.0	20.3	4.4	Cn. m. y t., Variable n., LL.(gotas) m., r. n.
15.0	15.0	14.9	17.0	17.0	17.0	19.8	20.2	1.0	Cn. t., Ca. n.,N. m., Ne. t., r. m. y n.
14.8	14.8	14.7	16.8	16.8	16.9	19.8	20.2	0.6	Ca. m.,Cn. t. y n,r. m.y n,LL.(gotas)m,Z.t.,Ne.t.
14.5	14.4	14.2	16.6	16.7	16.7	19.8	20.2	2.1	Cn. m. t. y n., Z. m., Ne. m.
14.3	14.2	14.2	16.4	16.4	16.5	19.6	20.1	2.2	Cn. m. y t., Ca. n., r. m. y n., Jl. n.
14.2	14.3	14.2	16.3	16.3	16.3	19.5	20.1	4.2	Cn. m. y t.,Ca. n., r. m. y n.,Dl.Jl. n.
14.1	14.2	14.1	16.2	16.3	16.3	19.5	20.1	2.9	Cn. m. y t., Ca. n., r. m. y n., Ns. n., Jl. n.
14.2	14.3	14.1	16.1	16.2	16.3	19.5	20.0	2.8	Ca. m.y n.,Cn. t., r. m. y n,N. m,B. t.,Ne. n.
14.3	14.5	14.4	16.2	16.2	16.2	19.4	20.0	7.0	Cn. m. t. y n., r. m. y n.
14.6	14.8	14.7	16.1	16.1	16.2	19.2	20.0	6.7	Ca. m. t. y n., r. m. y n., N. m. y n., B. t.
15.2	15.2	15.3	16.6	16.3	16.3	19.2	20.0	10.2	Cn. m., Ca. t. y n., r. m. y t., Ne. m.
16.4	16.5	16.4	17.7	17.8	17.8	20.2	20.4	4.7	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teóricas Astronómicas	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	59.4	65.0	1	9-10	53.5	8	1	14.3	21.4	8.4	24.7	7	15	2.4	1	6-7	8.4	10.5	79
2ª	61.1	72.9	18	21-23	51.7	15	16	11.9	17.0	6.7	25.9	13	15	-3.4	19	7	5.9	10.3	57
3ª	60.9	66.5	25	10-11	56.3	23	13-15	12.1	17.8	7.8	25.7	30	15	3.5	25	3	4.4	10.1	44
MES	60.5	72.9	18	21-23	51.7	15	16	12.7	18.7	7.6	25.9	13	15	-3.4	19	7	6.2	10.3	60

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	78	100	1-2-3 6-7	31	8	9.2	16.0	5.2	NE	7	32	4	27	4	12-13	24	NW SW	7 10	12.56 11.56	2.2	2.2	8	2.0	8	2-3
2ª	80	100	16-17	39	11	8.5	17.0	3.4	N	15	36	12/13	28	12	12-13	42	N	14	2.59	43.8	32.4	14	14.0	14	7-8
3ª	86	100	24,27 28,30-31	54	29,31	8.9	17.5	5.5	NW	9	32	26/31	24	26 31	9-11 12-13	27	N	26	9.54	0.5	0.5	24	-	-	-
MES	81	100		31	8	8.9	17.5	3.4	NW	9	36	12/13	28	12	12-13	42	N	14	2.59	46.5	32.4	14	14.0	14	7-8

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Granizada blanda	Granizada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	10	2	-	-	-	-	1	1	3	-	-	2	1	-	-	-
2ª	7	-	-	-	-	1	-	1	-	-	-	-	3	2	1	-
3ª	10	1	-	-	-	-	1	-	3	-	-	1	5	-	2	-
MES	27	3	-	-	-	1	2	2	6	-	-	3	9	2	3	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II JUNIO 1947 N.° 6

RESUMEN MENSUAL

Nieblas matutinas y nubosidad variable durante el día en un aire cálido y húmedo representan las características de los primeros cuatro días del mes. La temperatura con 25.3°C y la humedad absoluta con 15.6 mm. alcanzan entonces sus valores máximos mensuales. Una ola de aire fresco, el 4, con lluvia, disminuye la temperatura sólo el 5 y el 6, mientras el viento sopla del sector S. La afluencia de aire más caluroso y húmedo a partir del 7 aumenta nuevamente la humedad y la temperatura. En una zona frontal que se encuentra el 9 sobre la región del Río de la Plata desciende la presión hasta el nivel más bajo del mes; siguen luego chaparrones con descenso de temperatura.

El alto grado de nubosidad que predomina en la primera década se mantiene hasta el 13. Desde el 14 hasta el 17 reina tiempo bueno y tranquilo. En este último día sin embargo, densas nieblas anuncian ya el cambio de tiempo, que ocurre el 18. Una masa de aire polar fría avanza rápidamente hasta el Norte del país. Durante el pasaje se presentan durante todo el día densas nubes con lluvias ligeras. El 19 a las 8.00 hs. se registra una temperatura 10.0° inferior a la del 18, resultando a su vez el 19 el único día del mes carente en absoluto de nubosidad. En estas condiciones la presión alcanza el 20 el valor máximo mensual y la temperatura el mínimo con -3.3°C.

En la última década la presión, temperatura y humedad se mantienen en los límites normales de esta época del año. Una corriente predominante del sector N ocasiona nubosidad variable, y leve y continuo ascenso de la temperatura. El día 28 se registra el último frente frío; el 30 pasa de nuevo el viento al sector N.

Por lo demás, mientras el promedio mensual de la temperatura resulta ser de 3.0°C sobre el valor normal, la presión acusa una desviación negativa de 0.5 mb.

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	46	84	108	56	70	84	76	-	-	34	56	49	89	87	67
2	-	-	-	-	-	-	-	-	56	52	40	42	40	40	56
3	14	14	22	10	44	63	22	56	88	76	46	42	52	66	44
4	-	-	-	-	-	-	-	-	-	-	74	36	16	38	24
5	32	32	32	36	42	48	50	60	114	110	82	82	62	52	46
6	62	48	74	78	68	66	91	116	128	92	76	116	140	94	76
7	28	26	24	28	20	18	16	20	28	38	52	64	60	56	24
8	-	-	-	-	-	-	-	62	68	28	20	18	24	36	30
9	-	-	-	-	-	-	-	-	16	60	42	30	28	28	+∞
10	-	-	-	-	24	26	24	38	64	44	36	33	40	44	42
11	22	16	12	14	16	6	24	28	32	36	32	33	22	30	38
12	16	18	24	20	22	18	-	-	48	52	44	44	26	44	44
13	-	-	-	-	-	-	16	26	42	32	26	27	44	74	110
14	48	40	16	24	26	32	-	30	44	44	12	11	28	34	66
15	-	-	-	-	-	-	-	-	48	62	48	42	46	64	44
16	28	28	18	20	18	26	18	20	40	40	26	32	30	38	42
17	22	32	30	24	30	28	34	40	52	126	42	43	44	72	52
18	32	28	20	20	40	+∞	-	-	-	26	20	-	-	-	-
19	46	40	52	58	60	60	46	58	96	142	140	126	112	106	112
20	-	-	-	-	-	-	-	-	-	-	-	-	-	126	136
21	56	56	50	50	58	58	42	84	120	112	112	111	118	122	136
22	72	56	40	52	40	46	44	28	76	80	104	73	48	44	48
23	28	30	30	32	34	36	44	52	78	126	100	108	66	78	84
24	38	24	20	18	16	14	20	36	54	60	56	73	84	64	52
25	34	44	34	32	10	12	20	24	35	58	37	22	21	12	10
26	16	20	21	24	31	35	36	42	56	66	66	60	72	80	100
27	34	28	24	20	20	8	8	26	24	22	8	12	10	10	20
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	80	80	92	76	70	66	64	68	96	132	116	112	102	110	108
30	30	16	20	24	56	78	108	56	64	76	112	95	72	84	64
31															
Prom.	41.8	38.5	39.2	40.2	40.2	40.8	42.8	52.7	78.5	93.5	79.3	80.8	75.0	74.2	74.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	-	-	-	-	5.59	5.24	10.83	1.07	0.58	0.65	1.23	0.89	0.63	0.50	1.13	1.26
2	-	-	-	-	-	-	-	-	0.21	0.33	0.54	0.64	0.36	0.33	0.69	1.09
3	-	-	-	-	-	-	-	-	0.82	0.75	1.57	1.09	0.58	0.62	1.20	0.94
4	-	-	-	-	-	-	-	-	0.84	0.73	1.57	1.15	1.17	1.50	2.67	0.78
5	3.64	7.91	11.54	0.46	6.73	8.06	14.79	0.83	0.40	0.50	0.90	0.80	0.82	0.88	1.70	0.93
6	1.54	4.38	5.92	0.34	4.59	5.16	9.75	0.90	0.12	0.17	0.29	0.70	0.45	0.50	0.95	0.90
7	6.76	12.15	18.91	0.56	7.25	14.63	21.88	0.49	0.84	0.97	1.81	0.86	0.61	0.62	1.23	0.98
8	-	-	-	-	-	-	-	-	0.63	0.65	1.28	0.97	0.72	0.83	1.55	0.87
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	7.36	2.83	10.19	2.62	0.71	0.96	1.67	0.74	1.07	0.89	1.96	1.20
11	-	-	-	-	8.10	10.74	18.85	0.76	0.41	0.49	0.90	0.84	0.86	0.99	1.95	0.87
12	-	-	-	-	-	-	-	-	0.49	0.78	1.27	0.63	0.71	0.85	1.56	0.84
13	-	-	-	-	4.02	10.70	14.72	0.37	-	-	-	-	0.30	0.49	0.79	0.61
14	-	-	-	-	4.09	8.05	12.14	0.50	0.77	1.87	2.64	0.41	0.48	0.58	1.06	0.83
15	-	-	-	-	-	-	-	-	0.48	0.76	1.24	0.63	-	-	-	-
16	-	-	-	-	-	-	-	-	0.54	0.96	1.50	0.56	0.50	0.73	1.23	0.68
17	-	-	-	-	-	-	-	-	1.98	3.02	5.00	0.66	1.05	2.46	3.51	0.43
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	10.46	10.86	21.32	0.96	8.83	9.20	18.02	0.97	0.59	0.71	1.30	0.83	0.51	0.58	1.09	0.88
20	5.51	8.96	14.47	0.62	7.10	7.75	14.85	0.91	0.41	0.45	0.86	0.91	0.59	0.70	1.29	0.84
21	10.13	12.55	22.68	0.82	7.73	7.32	15.05	1.06	0.68	0.73	1.41	0.93	0.80	0.75	1.55	1.07
22	7.13	14.76	21.89	0.48	5.30	15.68	20.98	0.33	0.29	0.27	0.56	1.07	0.40	0.43	0.83	0.93
23	5.11	11.57	16.68	0.44	-	-	-	-	0.38	0.56	0.94	0.68	0.63	1.01	1.64	0.62
24	6.61	12.08	18.68	0.55	8.31	19.73	28.04	0.42	0.56	0.66	1.22	0.85	0.60	0.42	1.02	1.43
25	-	-	-	-	-	-	-	-	0.21	0.41	0.62	0.51	0.95	1.14	2.09	0.83
26	8.14	13.22	21.36	0.62	6.72	3.58	10.30	1.89	0.61	0.98	1.59	0.62	0.95	0.38	1.33	2.50
27	-	-	-	-	-	-	-	-	0.80	1.62	2.42	0.49	0.58	0.85	1.43	0.68
28	-	-	-	-	-	-	-	-	0.63	1.74	2.37	0.36	1.10	1.44	2.54	0.76
29	6.70	13.76	20.46	0.49	5.36	6.59	11.95	0.82	0.42	0.56	0.98	0.75	0.52	0.48	1.00	1.08
30	5.52	13.23	18.75	0.41	-	-	-	-	0.33	0.39	0.72	0.85	-	-	-	-
31																
Prom.	6.44	11.28	17.72	0.56	6.47	9.02	15.49	0.93	0.58	0.84	1.42	0.76	0.69	0.80	1.50	0.96

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
74	72	60	30	-	-	-	-	-		171	- 4	175	1*
69	54	48	34	38	34	26	18	16		116	18	98	0*
38	76	16	-	-	-	-	-	-		151	-10	161	1*
-20	6	12	6	0	14	22	32	28		186	-171	357	3*
42	42	48	74	74	78	64	70	64	59.8	147	20	127	0
40	34	24	16	54	66	52	52	52	71.4	171	10	161	0
18	18	22	20	18	-	-	-	-		104	- 8	112	1*
20	35	2	-	-	-	-	-	-		165	-91	256	2*
-	-	-	-	-	-	-	-	-		100	-233	333	3*
42	24	24	32	24	21	24	26	16		108	0	108	0*
36	36	42	46	54	32	12	10	8	27.2	82	-16	98	1
30	24	14	12	4	- 4	4	-	-		88	-48	136	2*
128	90	52	70	64	24	32	46	38		159	-64	223	1*
74	54	28	30	-	-	-	-	-		124	-36	160	2*
40	44	34	30	44	34	18	28	24		140	4	136	0*
26	16	14	6	24	20	18	34	44	26.1	82	0	82	0
54	36	60	50	32	56	44	26	24	43.9	206	-50	256	1
-	-	-	-	-	-	-	40	50		149	-90	239	3*
118	120	108	90	80	74	68	70	88	86.2	184	30	154	0
169	173	186	155	82	74	76	90	66		∞	0	-	0*
128	82	66	76	56	84	98	72	72	84.1	∞	12	-	0
48	48	42	30	30	30	36	36	28	49.1	140	- 8	148	1
70	58	48	48	48	36	14	36	34	54.9	144	-28	172	1
40	42	42	34	30	40	30	42	40	40.4	128	-24	152	1
12	10	14	10	15	12	4	8	8		69	-88	157	2
110	126	114	146	136	102	52	34	34	65.8	186	8	178	0
22	29	33	20	15	Ru	Ru	Ru	Ru		∞	-231	-	3*
-	-	-	40	48	66	64	72	80		88	28	60	0*
120	112	76	86	138	149	76	48	48	92.7	210	0	210	0
42	62	10	32	72	68	68	66	56		∞	-66	-	2
69.3	62.7	57.0	58.5	63.8	63.9	47.0	44.2	44.7	58.5				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
58	36	72	1.48	2.71	280	253	533	1.11	-	-
40	40	20	0.72	0.46	698	656	1354	1.06	0.37	2.54
40	38	38	2.09	1.52	897	1000	1897	0.90	-	0.88
50	42	- 4	2.20	-0.36	754	679	1253	0.84	-	-
78	80	44	2.40	2.49	723	700	1423	1.03	-	-
72	92	34	0.89	1.08	312	-	312	-	-	-
54	66	16	3.98	0.66	1842	1249	3091	1.47	0.88	-
20	20	5	0.85	0.26	754	817	1571	0.92	-	-
36	26	-	-	-	-	249	249	-	-	-
32	32	42	1.78	2.74	1591	1320	2911	1.20	1.02	1.14
28	30	36	0.90	2.34	689	362	1051	1.90	-	1.38
24	22	116	0.93	6.03	607	373	980	1.63	0.88	2.51
48	44	28	-	0.74	316	310	626	1.02	-	0.90
8	10	42	0.88	1.48	496	551	1047	0.90	-	-
44	44	40	1.82	-	725	786	1511	0.92	1.73	0.81
26	32	20	1.60	0.82	-	-	-	-	-	-
40	40	56	6.67	6.55	958	-	958	-	1.36	-
12	8	-	-	-	1280	452	1732	2.83	0.82	-
132	120	124	5.20	4.50	1576	1438	3014	1.10	-	-
-	-	169	-	7.27	320	496	816	0.64	-	-
108	112	138	5.26	7.13	1222	928	2140	1.33	0.38	-
100	78	52	1.46	1.44	754	503	1257	1.50	0.37	-
104	108	70	3.38	3.82	784	354	1138	2.21	-	-
56	60	40	2.44	1.36	899	830	1729	1.08	1.37	0.34
33	25	14	0.52	0.98	-	-	-	-	-	-
68	64	114	3.39	5.05	960	641	1601	1.50	-	0.47
8	12	22	0.97	1.05	-	450	450	-	-	-
-	-	-	-	-	1354	905	2259	1.50	0.44	-
120	112	112	3.66	3.73	815	1534	2349	0.53	1.36	0.88
76	76	56	1.82	-	557	861	1418	0.65	-	1.02
54	52	56	2.29	2.63	852	718	1452	1.24	0.94	1.16

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	59.6	59.6	59.6	59.5	59.3	59.4	59.6	59.8	59.8	59.7	59.5	58.7	58.5	58.4	58.4
2	59.6	59.6	59.6	59.1	59.1	59.7	59.9	60.0	60.0	60.0	59.7	59.1	58.6	58.3	58.0
3	58.9	58.8	58.7	58.6	58.6	58.7	59.2	59.7	59.7	59.7	59.5	58.7	58.4	57.7	57.7
4	58.5	57.9	57.6	57.5	57.2	57.3	57.6	58.2	58.4	58.4	58.3	58.1	58.0	58.0	58.3
5	63.1	63.1	63.2	63.0	63.3	63.7	63.8	65.4	65.6	65.7	65.6	65.5	65.1	65.2	65.1
6	68.1	68.2	67.6	67.3	67.2	67.2	67.5	68.0	68.0	68.0	67.8	67.0	66.3	66.0	65.8
7	63.8	63.1	63.0	62.2	62.1	62.2	62.2	62.2	61.5	61.4	61.2	60.3	59.5	59.3	59.2
8	57.8	56.8	56.7	56.6	56.3	56.4	56.3	56.2	56.2	56.3	56.2	55.4	54.5	54.6	54.3
9	56.1	55.9	55.8	55.4	55.4	55.4	55.5	55.6	55.5	55.5	54.7	53.9	52.5	51.2	50.2
10	54.1	54.3	55.2	55.3	54.3	54.9	55.8	57.0	57.2	57.4	57.3	57.2	57.0	56.3	56.1
11	58.1	58.0	58.0	58.0	58.0	58.0	58.7	58.9	59.0	58.8	58.9	58.3	57.7	57.2	57.0
12	57.2	57.7	57.8	57.5	57.8	57.8	58.0	58.0	58.2	58.7	58.1	58.1	58.0	58.0	58.2
13	61.9	62.0	61.9	61.4	61.7	62.2	62.3	62.4	62.9	63.2	63.9	63.4	62.8	62.2	62.3
14	64.4	64.3	64.2	64.1	64.0	64.0	64.1	64.6	64.7	64.9	64.6	64.0	63.2	62.6	62.3
15	62.4	62.5	62.6	62.4	62.3	62.5	62.6	62.8	63.1	63.4	63.0	62.2	61.6	60.9	60.7
16	60.2	60.1	59.5	59.2	58.6	58.7	59.3	59.9	59.8	59.7	59.4	58.9	58.5	57.6	57.9
17	59.6	59.5	59.2	59.3	59.0	59.4	60.1	60.4	60.6	60.6	60.6	59.6	58.8	58.7	58.5
18	58.4	57.8	57.6	56.8	56.6	56.4	56.0	56.4	56.3	56.5	56.1	55.9	55.2	55.2	55.1
19	60.4	61.0	61.8	61.9	61.6	62.8	63.7	64.6	64.7	65.2	65.4	65.6	65.6	65.6	65.7
20	69.5	69.5	69.4	69.5	69.6	70.2	70.4	70.4	70.5	71.3	71.4	71.1	70.7	70.6	70.4
21	68.9	68.9	68.9	68.7	68.4	68.4	68.4	68.8	68.5	68.4	67.8	66.8	65.8	64.5	64.2
22	63.6	63.5	63.5	63.5	63.4	63.6	63.7	63.8	63.8	64.0	63.7	63.3	62.8	62.8	62.6
23	63.4	63.3	63.3	62.7	62.5	62.8	62.9	63.0	63.2	63.3	63.3	62.6	62.4	62.4	62.4
24	63.4	63.5	63.6	63.6	63.6	63.7	64.4	64.6	64.6	64.8	64.6	64.4	63.8	63.6	63.5
25	64.4	64.1	63.6	63.7	63.8	63.9	64.4	64.8	64.9	65.0	64.7	64.4	63.8	63.4	63.3
26	62.8	62.9	62.7	62.6	62.4	62.5	62.7	62.8	62.7	62.7	62.5	61.7	60.6	60.1	59.8
27	58.7	58.6	58.3	57.7	57.0	57.3	57.1	56.8	56.8	57.0	56.2	55.6	54.8	54.2	54.0
28	52.0	51.4	51.3	50.9	50.4	51.1	51.9	51.6	51.8	51.8	51.8	51.5	51.4	51.4	51.3
29	54.4	54.4	54.5	54.5	54.5	55.2	55.5	56.2	56.4	57.1	57.2	56.3	56.3	55.8	56.1
30	55.1	55.1	54.9	54.4	54.1	54.2	54.3	54.9	54.4	54.9	55.0	54.4	53.9	53.7	53.3
31															
Prom	60.6	60.5	60.4	60.2	60.1	60.3	60.6	60.9	61.0	61.1	60.9	60.4	59.9	59.5	59.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	14.4	11.9	10.8	10.8	9.8	9.9	10.1	13.0	13.6	15.9	17.7	20.8	21.6	21.4	21.4
2	14.0	14.8	14.8	14.8	14.5	14.4	14.3	14.5	16.1	18.6	19.4	20.1	20.8	21.8	21.5
3	16.0	15.8	15.8	15.2	15.0	14.5	14.7	15.2	17.4	20.5	22.3	23.4	24.5	24.8	24.5
4	17.4	17.4	17.5	16.9	16.8	17.0	17.1	17.4	17.6	17.7	19.8	20.7	20.7	20.2	20.1
5	12.4	11.8	10.9	10.2	9.8	9.3	9.1	10.0	10.0	12.9	13.3	14.3	14.3	14.3	14.1
6	9.5	9.5	9.2	8.4	7.8	7.8	7.8	8.0	8.1	8.9	9.7	12.0	13.0	12.9	12.6
7	10.4	10.6	10.7	10.8	10.8	10.9	11.1	12.4	13.8	16.0	17.0	18.0	17.8	17.2	15.9
8	14.8	14.8	14.7	14.7	14.5	14.5	14.6	15.0	16.9	18.0	17.9	17.9	18.9	19.9	19.7
9	16.4	16.5	16.6	16.5	16.7	16.5	16.4	15.8	16.8	18.7	19.2	19.8	19.9	20.0	19.7
10	12.7	12.6	12.4	12.0	12.2	12.1	11.6	10.8	13.0	14.6	15.7	16.6	17.6	17.5	17.6
11	10.7	10.2	10.3	10.0	9.9	10.9	11.3	11.5	11.8	12.4	13.3	13.5	13.8	15.0	16.3
12	7.9	8.4	7.5	7.4	7.6	8.8	9.0	9.2	9.8	11.1	12.9	13.9	14.0	14.4	14.2
13	12.2	12.1	10.5	10.5	10.6	10.7	9.3	8.4	8.4	8.9	10.0	11.0	13.0	15.0	15.7
14	2.5	2.6	3.4	3.9	4.0	3.7	3.8	5.4	8.8	10.9	11.0	12.8	14.9	16.0	16.4
15	9.1	9.0	8.8	8.7	8.8	8.1	8.0	8.8	9.1	11.8	12.8	14.8	16.3	16.2	15.5
16	8.8	7.7	7.9	8.8	9.0	9.1	9.2	10.3	12.4	15.0	17.2	18.9	19.2	19.9	18.3
17	9.8	10.3	10.6	10.7	10.8	11.0	11.2	12.2	13.2	15.0	15.2	17.4	19.4	20.2	19.3
18	13.8	14.3	14.5	14.6	14.7	14.8	15.0	15.8	15.9	16.9	17.1	17.9	18.0	18.0	17.7
19	8.0	7.9	7.9	7.7	7.5	7.3	6.5	6.0	7.1	9.0	10.2	11.2	11.6	11.8	11.3
20	0.4	-0.6	-0.7	-1.1	-1.2	-1.4	-1.5	0.0	2.8	6.8	9.1	10.0	10.2	11.0	10.9
21	3.4	3.5	3.6	3.0	2.9	3.1	3.2	5.2	6.5	9.3	11.6	13.2	13.5	14.0	13.6
22	3.8	3.8	5.4	6.1	6.4	6.6	7.0	8.2	8.2	9.3	11.5	11.8	11.8	11.7	11.6
23	9.4	8.3	8.2	5.8	4.7	4.6	3.4	3.8	7.7	10.6	12.7	13.6	13.4	13.3	13.1
24	6.4	6.5	6.5	6.6	6.7	6.9	7.0	7.2	10.0	12.1	14.0	15.4	15.7	16.6	16.2
25	9.7	10.0	10.2	10.2	10.3	10.2	10.0	9.6	11.6	13.8	15.2	15.6	15.7	16.4	16.4
26	11.8	11.1	10.8	10.2	10.2	10.0	9.8	10.1	11.8	13.9	15.6	16.3	17.0	17.0	17.0
27	11.0	11.0	10.7	10.7	10.9	10.9	10.9	11.7	11.8	11.8	13.3	15.1	16.7	16.9	17.1
28	16.0	16.0	15.9	15.9	15.8	15.8	15.6	14.8	14.9	14.9	14.9	15.0	15.5	16.0	15.7
29	8.9	8.5	7.4	6.6	6.6	6.5	5.8	6.6	8.4	9.9	11.9	14.0	14.1	15.8	15.8
30	5.4	5.5	5.5	5.6	5.9	6.0	7.9	9.0	9.9	10.1	11.0	11.1	12.1	12.9	12.8
31															
Prom	10.2	10.1	9.9	9.7	9.7	9.7	9.6	10.2	11.4	13.2	14.4	15.5	16.2	16.6	16.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
58.5	58.6	58.7	58.8	58.8	59.0	58.9	59.0	59.6	59.8	8-9	58.4	14-15	1.4	759.1 mm.	1012.1 mb.
58.3	58.6	58.8	59.0	58.9	58.9	59.0	59.1	59.1	60.0	8-10	58.0	15	2.0	59.2	1012.1
57.8	57.8	58.1	58.2	58.4	58.7	58.6	58.8	58.7	59.7	8-10	57.7	14-15	2.0	58.6	1011.4
59.0	59.3	60.5	61.0	61.8	62.0	62.4	62.5	63.2	63.2	24	57.2	5	6.0	59.2	1012.1
65.5	65.5	65.6	66.2	66.6	66.8	66.7	67.7	68.2	68.2	24	63.0	4	5.2	65.2	1020.2
65.7	65.3	65.2	65.2	65.0	64.9	65.0	64.8	64.5	68.2	2	64.5	24	3.7	66.5	1022.0
59.1	59.1	59.1	58.8	58.8	58.5	58.5	57.8	57.7	63.8	1	57.7	24	6.1	60.4	1013.8
54.2	54.6	54.9	55.1	55.4	55.8	55.8	55.8	56.0	57.6	1	54.2	16	3.4	55.8	1007.7
50.2	50.4	51.2	51.4	52.2	52.8	52.8	53.8	54.1	56.1	1	50.2	15-16	5.9	53.6	1004.8
56.9	57.4	57.9	58.0	58.1	58.1	58.2	58.2	58.1	58.2	22-23	54.1	1	4.1	56.7	1008.9
57.1	57.6	56.9	57.8	58.3	58.2	58.0	57.9	57.7	59.0	9	56.9	18	2.1	58.0	1010.6
58.2	59.0	59.3	59.9	59.8	60.8	60.6	60.9	61.3	61.3	24	57.2	1	4.1	58.7	1011.6
63.1	63.2	63.5	63.8	64.0	63.9	63.8	64.3	64.4	64.4	24	61.4	4	3.0	62.9	1017.2
62.5	62.5	62.7	62.6	62.6	62.4	62.4	62.4	62.4	64.9	10	62.3	15	2.6	63.4	1017.8
60.5	60.4	60.2	60.1	60.0	59.9	59.6	60.2	60.2	63.4	10	59.6	22	3.8	61.5	1015.3
58.1	58.4	58.4	58.5	58.6	58.6	58.9	59.2	59.4	60.2	1	57.6	14	2.6	59.0	1012.0
58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.6	60.6	9-11	58.5	15-17	2.1	59.2	1012.1
55.2	55.8	56.0	56.3	57.0	58.3	59.0	59.9	60.5	60.5	24	55.1	15	5.4	56.8	1009.0
66.3	66.8	67.5	68.2	68.4	68.6	69.5	69.5	69.4	69.5	22-23	60.4	1	9.1	65.4	1020.5
70.2	70.0	69.7	69.6	69.4	69.4	69.2	69.1	69.1	71.4	11	69.1	23-24	2.3	70.0	1026.6
64.2	64.2	64.4	63.9	63.7	63.6	63.5	63.4	63.5	68.9	1-3	63.4	23	5.5	66.2	1021.6
62.8	62.8	63.2	63.3	63.4	63.4	63.4	63.4	63.5	64.0	10	62.6	15	1.4	63.4	1017.8
62.4	62.5	62.5	62.6	62.8	62.8	63.3	63.5	63.4	63.5	23	62.4	13-16	1.1	62.9	1017.2
63.4	63.4	63.3	63.4	64.0	64.1	64.2	64.4	64.4	64.8	10	63.3	18	1.5	63.9	1018.5
63.2	63.3	63.4	63.4	63.4	63.3	63.2	63.2	63.0	65.0	10	63.0	24	2.0	63.8	1018.4
59.9	59.8	59.5	59.5	59.5	58.9	58.9	58.9	59.2	62.9	2	58.9	21-23	4.0	61.1	1014.8
53.8	53.2	53.4	53.2	53.2	52.9	53.0	53.2	52.7	58.7	1	52.7	24	6.0	55.4	1007.2
52.1	52.3	52.6	53.4	53.7	54.2	54.4	54.4	54.5	54.5	24	50.4	5	4.1	52.2	1002.9
56.3	56.0	55.8	55.9	55.8	55.5	55.8	55.8	56.0	57.2	11	54.4	1-2	2.8	55.7	1007.6
53.2	53.0	52.1	52.6	52.4	52.4	52.1	52.1	52.0	55.1	1-2	52.0	24	3.1	53.7	1004.9
59.5	59.6	59.8	59.9	60.1	60.2	60.2	60.4	60.5	62.1		58.5		3.6	60.2	1013.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
21.3	19.6	18.1	17.1	16.6	16.3	15.7	15.7	15.6	21.6	13	9.8	5	11.8	15.8
21.2	20.5	18.8	17.5	16.5	16.4	16.6	16.7	16.6	21.8	14	14.0	1	7.8	17.3
23.0	21.3	19.8	18.8	18.4	17.9	18.0	17.6	17.5	24.8	14	14.5	6	10.3	18.8
18.4	16.9	16.7	15.2	14.8	14.5	14.4	13.7	13.5	20.7	12-13	13.5	24	7.2	17.2
13.8	12.5	11.5	11.3	10.1	9.6	9.4	9.5	9.5	14.3	12-14	9.1	7	5.2	11.4
11.8	10.8	10.3	9.9	9.8	9.9	10.1	10.3	10.3	13.0	13	7.8	5-7	5.2	9.9
15.4	15.3	15.2	15.2	15.1	15.1	15.2	15.0	14.8	18.0	12	10.4	1	7.6	14.2
19.6	19.0	18.1	17.3	16.9	17.0	17.0	16.6	16.5	19.9	14	14.5	5-6	5.4	16.9
19.3	17.2	14.4	14.3	14.3	13.3	12.9	13.0	13.2	20.0	14	12.9	22	7.1	16.6
16.9	14.8	12.7	11.5	10.2	10.0	10.2	10.3	10.3	17.6	13,15	10.0	21	7.6	13.2
15.1	13.7	12.4	11.4	10.2	9.4	8.6	8.5	8.6	16.3	15	8.5	23	7.8	11.6
14.0	13.6	13.2	12.2	11.8	11.8	11.2	11.1	11.2	14.4	14	7.4	4	7.0	11.1
15.1	13.2	10.1	7.0	6.4	5.0	4.7	3.0	2.9	15.7	15	2.9	24	12.8	9.7
15.7	13.0	11.4	10.5	10.0	9.7	9.3	9.4	9.4	16.4	15	2.5	1	13.9	9.1
14.6	13.1	12.1	11.4	11.2	10.3	10.7	10.7	10.5	16.3	13	8.0	7	8.3	11.3
17.6	16.9	15.6	13.9	12.7	12.0	12.2	11.4	10.5	19.9	14	7.7	2	12.2	13.1
17.1	16.2	14.8	14.1	13.6	13.4	13.5	13.5	13.6	20.2	14	9.8	1	10.4	14.0
17.5	17.2	16.7	16.3	15.9	15.1	10.2	9.0	8.6	18.0	13-14	8.6	24	9.4	15.2
10.0	8.0	7.0	5.2	4.5	3.7	3.0	3.0	1.8	11.8	14	1.8	24	10.0	7.4
10.2	8.2	6.3	5.3	4.7	4.0	3.8	4.1	4.3	11.0	14	-1.5	7	12.5	4.4
13.1	10.5	9.3	7.1	6.4	5.4	4.5	3.7	3.8	14.0	14	2.9	5	11.1	7.2
11.6	11.5	11.2	10.6	10.3	10.4	10.6	10.5	10.5	11.8	12-13	3.8	1-2	8.0	9.2
12.9	12.4	10.3	8.9	7.5	6.7	6.2	6.3	6.2	13.6	12	3.4	7	10.2	8.8
15.5	14.3	13.0	11.6	10.6	9.9	9.5	9.6	9.8	16.6	14	6.4	1	10.2	10.7
16.8	16.0	13.8	12.3	11.6	11.6	11.6	11.6	11.7	16.8	16	9.7	1	7.1	12.6
15.9	13.6	12.2	11.8	11.8	11.8	11.8	11.8	11.0	17.0	13-15	9.8	7	7.2	12.7
17.2	16.6	16.2	16.2	16.2	16.2	16.1	16.1	16.0	17.2	16	10.7	3-4	6.5	14.0
15.5	14.6	12.9	12.4	11.4	11.0	10.4	9.5	8.8	16.0	1-2,14	8.8	24	7.2	14.1
15.6	13.6	10.8	8.7	7.6	5.9	5.5	5.2	5.3	15.8	14-15	5.2	23	10.6	9.4
12.8	12.8	12.7	12.6	12.6	12.6	12.3	12.1	11.9	12.9	14	5.4	1	7.5	10.1
15.8	14.6	13.2	12.2	11.7	11.2	10.8	10.6	10.5	16.8		7.9		8.9	12.2

HUMEDAD RELATIVA en %

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

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	9.0	8.5	8.0	8.5	8.5	9.0	11.1	10.5	11.5	13.0	14.0	14.5	14.6	14.5
2	11.5	12.0	12.0	12.0	12.0	11.5	11.5	12.2	12.5	13.5	13.5	14.0	14.0	14.5	14.5
3	12.5	13.0	13.0	12.5	12.0	12.0	12.0	12.6	13.5	13.5	14.5	14.5	15.5	15.5	16.5
4	13.5	13.5	13.5	13.0	13.0	13.0	13.0	14.2	14.5	14.5	14.0	15.0	15.5	15.6	15.0
5	9.0	9.0	7.8	8.0	7.8	7.6	7.4	8.2	7.4	8.5	8.0	8.5	8.5	8.3	8.0
6	7.6	7.2	7.6	7.2	7.2	7.2	7.2	6.9	6.6	6.6	6.8	7.0	7.4	7.3	7.2
7	7.6	7.8	8.0	8.0	8.5	8.5	8.5	9.5	9.5	9.5	9.5	10.0	11.0	11.1	11.0
8	11.5	11.5	12.0	11.5	12.0	11.0	11.0	11.3	11.5	11.5	12.5	12.5	12.5	13.4	13.0
9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.1	13.0	14.0	14.5	15.0	15.0	15.4	14.5
10	10.5	10.5	9.5	9.0	8.5	9.0	8.5	8.8	8.5	9.0	9.0	9.5	10.0	9.6	10.0
11	9.0	9.0	9.0	8.5	8.5	9.0	9.0	9.5	9.5	9.5	9.5	10.0	10.0	10.0	10.0
12	7.6	7.8	7.4	7.4	7.4	8.0	8.0	8.4	8.5	9.0	9.5	9.5	9.5	9.8	9.5
13	10.0	9.5	9.0	9.0	9.0	9.0	8.5	8.3	7.8	8.0	8.5	9.0	9.0	9.7	9.0
14	5.2	5.2	5.6	5.8	5.8	5.8	5.8	6.7	7.2	8.5	9.0	9.0	9.0	9.3	9.0
15	7.8	7.8	7.8	8.0	7.8	7.4	7.4	8.1	8.0	8.5	9.0	9.0	9.0	9.5	9.5
16	7.8	7.6	7.6	8.0	8.0	8.0	8.0	9.2	9.0	9.5	10.5	10.0	10.0	10.1	12.0
17	8.5	9.0	9.0	9.0	9.0	9.5	9.5	10.6	11.0	12.0	11.5	11.5	11.0	12.2	13.5
18	11.0	11.5	12.0	12.0	12.0	12.0	12.0	13.2	13.0	13.5	14.0	14.5	15.0	15.0	14.5
19	6.2	6.4	6.8	6.8	6.6	6.6	6.2	5.9	5.8	4.8	4.8	4.6	4.2	4.4	4.6
20	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.6	4.8	5.6	5.4	5.2	5.2	5.4	5.0
21	5.0	5.0	5.4	5.2	5.2	5.0	5.0	5.6	5.6	6.2	6.2	5.8	6.0	6.8	6.6
22	5.8	5.8	6.4	6.4	6.6	6.6	6.8	7.6	7.4	7.6	7.8	7.8	7.8	8.4	8.0
23	8.5	7.8	7.8	6.0	6.2	5.8	5.4	5.8	6.8	7.2	7.4	7.2	7.6	8.3	8.0
24	7.0	7.0	7.0	7.0	7.0	7.2	7.2	7.4	7.0	7.6	8.0	8.0	9.0	9.2	9.0
25	8.0	7.8	8.0	8.0	8.0	9.0	8.5	8.3	8.5	9.5	10.5	10.5	11.5	11.6	11.5
26	9.0	8.5	8.0	8.0	8.0	8.5	7.4	7.1	6.8	7.2	7.6	7.8	7.6	6.2	6.0
27	9.0	9.5	9.0	9.0	9.0	9.0	9.0	10.3	10.0	10.0	10.5	11.0	11.5	12.2	12.0
28	13.0	13.0	13.0	13.0	13.0	13.0	12.5	12.3	12.0	12.0	11.0	11.5	11.5	11.5	11.5
29	5.6	5.6	5.2	5.2	4.8	5.2	5.0	5.3	5.4	5.6	6.4	7.4	7.4	7.7	7.6
30	6.4	6.4	6.4	5.8	6.0	6.0	6.4	7.7	7.4	7.6	8.0	8.0	8.5	8.6	9.0
31															
Prom.	8.8	8.7	8.7	8.5	8.5	8.6	8.4	9.0	9.0	9.4	9.7	9.9	10.1	10.4	10.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín..	Hora	Ampl.	Prom.
83	90	93	96	96	97	98	97	98	100	6-7	76	13	24	91
82	87	89	93	96	95	95	95	96	99	3-4,7-8	75	14	24	91
78	85	89	92	92	95	94	93	92	99	7	66	13	33	88
92	94	96	94	91	80	77	79	82	99	9	77	22	22	90
70	76	77	79	85	87	86	86	89	90	2,7	68	14	22	82
72	76	81	82	84	81	81	82	84	91	5-7	66	12-14	25	81
87	88	89	89	90	92	91	92	94	94	24	67	12	27	85
79	87	92	96	96	96	95	95	96	96	3,5,19-21,24	78	14	18	90
96	94	83	83	86	88	89	91	88	98	8	83	18-19	15	92
75	89	96	96	97	99	99	99	100	100	24	65	14	35	86
80	85	91	93	95	98	99	99	98	100	1-5	75	15	25	93
83	91	90	93	95	97	97	97	97	98	2,4-5	80	14	18	93
80	85	94	93	97	99	98	98	100	100	7-11,24	69	15	31	94
67	79	90	91	94	92	96	93	92	100	1-8	66	15	34	90
79	87	91	94	95	93	93	93	96	96	4,8-9,24	68	13	28	88
81	82	89	94	95	97	98	98	97	99	3-4	58	14	41	88
90	92	97	100	100	100	100	100	100	100	7-8,19-24	69	13-14	31	94
94	94	95	97	94	91	78	80	77	100	1-3,9-10	77	24	23	95
57	66	73	78	83	86	89	89	91	91	24	43	13-14	48	74
58	69	77	84	88	91	88	83	83	96	4-8	51	15	45	81
67	79	87	93	94	100	99	100	97	100	21,23	54	13	46	82
84	86	90	93	93	92	93	93	92	100	2	78	13	22	90
77	86	93	97	94	100	99	99	99	100	21	64	12	36	88
77	83	90	89	93	98	97	93	95	100	3-5	63	12	37	87
81	87	91	92	95	95	96	92	91	98	8	81	11,16	17	89
55	68	76	79	86	90	89	90	92	92	24	43	14	49	75
86	92	93	92	91	91	92	95	98	100	7-10	84	15	16	94
83	86	89	75	75	77	76	77	79	99	5-6	75	19-20	24	89
60	73	80	81	86	91	91	93	91	93	23	56	14	37	73
82	86	85	84	81	84	84	86	90	97	3	78	14	19	86
78	84	88	90	91	92	92	92	92	97		68		29	87

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
15.5	14.5	14.0	14.0	13.5	13.0	12.5	12.5	12.5	15.5	16	8.0	4	7.5	12.0
15.5	15.5	14.0	13.5	13.4	12.5	13.0	13.0	13.5	15.5	16-17	11.5	1,6-7	4.0	13.1
16.0	15.5	15.0	14.5	14.5	14.0	14.0	13.5	13.5	16.5	15	12.0	5-7	4.5	13.9
14.5	13.0	13.5	11.5	11.4	9.5	9.0	9.0	9.5	15.6	14	9.0	22-23	6.6	13.0
7.8	8.0	7.8	7.6	7.9	7.8	7.6	7.6	7.6	9.0	1-2	7.4	7,9	1.6	8.0
7.4	7.4	7.6	7.4	7.6	7.4	7.6	7.6	7.6	7.6	1,3,18,20,22-24	6.6	9-10	1.0	7.3
11.0	11.0	11.0	11.0	11.5	11.5	11.5	11.5	11.5	11.5	20-24	7.6	1	3.9	10.0
13.0	14.0	14.0	14.0	13.7	14.0	13.0	13.0	13.5	14.0	17-19,21	11.0	6-7	3.0	12.5
16.0	13.5	10.0	10.0	10.5	9.5	9.5	10.0	9.5	16.0	16	9.5	21-22,24	6.5	12.8
10.0	11.0	10.5	9.5	9.0	8.5	9.0	9.0	9.0	11.0	17	8.5	5,7,9,21	2.5	9.4
9.5	9.5	9.5	9.0	8.8	8.5	8.0	8.0	8.0	10.0	12-15	8.0	22-24	2.0	9.1
9.5	10.5	9.5	9.5	9.8	10.0	9.5	9.5	9.5	10.5	17	7.4	3-5	3.1	8.9
9.5	9.0	8.5	6.8	7.0	6.2	6.2	5.4	5.4	10.0	1	5.4	23-24	4.6	8.2
9.0	8.5	8.5	8.5	8.6	8.0	8.5	8.0	8.0	9.3	14	5.2	1-2	4.1	7.6
9.5	9.5	9.5	9.0	9.4	8.5	8.5	8.5	9.0	9.5	14-18	7.4	6-7	2.1	8.6
12.0	11.5	11.5	10.5	10.4	10.0	10.0	9.5	9.0	12.0	15-16	7.6	2-3	4.4	9.6
12.5	12.5	12.0	11.5	11.6	11.0	11.0	11.0	11.0	13.5	15	8.5	1	5.0	10.9
13.5	13.5	13.0	13.0	12.7	11.5	7.2	6.6	6.4	15.0	13-14	6.4	24	8.6	12.2
5.2	5.4	5.4	5.0	5.3	5.2	4.8	4.8	4.8	6.8	3-4	4.2	13	2.6	5.4
5.2	5.4	5.4	5.4	5.7	5.6	5.2	5.0	5.0	5.7	20	4.0	2-7	1.7	4.9
7.0	7.2	7.6	6.8	6.8	6.4	6.0	5.8	5.8	7.6	18	5.0	1-2,6-7	2.6	6.0
8.0	8.5	8.5	8.5	8.6	8.5	8.5	8.5	8.5	8.6	20	5.8	1-2	2.8	7.6
8.5	9.0	8.5	8.0	7.3	7.0	6.8	6.8	6.8	9.0	17	5.4	7	3.6	7.3
10.0	10.0	9.5	8.5	8.8	8.5	8.5	8.0	8.0	10.0	16-17	7.0	1-5,9	3.0	8.1
11.5	11.5	10.5	9.5	9.7	9.0	9.5	9.0	9.0	11.6	14	7.8	2	3.8	9.5
7.0	7.8	8.0	7.8	8.8	9.0	9.0	9.0	9.0	9.0	1,21-24	6.0	15	3.0	7.9
12.5	13.0	12.5	12.5	12.5	12.5	12.5	12.5	13.0	13.0	17,24	9.0	1,3-7	4.0	11.0
10.5	10.5	9.5	7.6	7.4	7.4	7.2	6.8	6.4	13.0	1-6	6.4	24	6.6	10.7
7.6	8.0	7.4	6.8	6.7	6.4	6.2	6.0	6.0	8.0	17	4.8	5	3.2	6.3
9.0	9.5	9.0	8.5	8.8	8.5	8.5	9.0	9.0	9.5	17	5.8	4	3.7	7.8
10.5	10.5	10.0	9.5	9.6	9.2	8.9	8.8	8.8	11.1		7.3		3.8	9.3

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
Calma	1	NE	5	NE	9	NE	10	NE	11	NE	8	NE	7	NE	9	NE	5	NE	15	7	14	NW	12.36 13.16
NE	6	NE	4	NE	4	NE	4	NE	5	NE	8	NE	6	NE	6	N	6	NE	21	6	11	NE	13.29
NE	11	NE	8	NE	8	NE	9	NE	8	NE	9	NE	12	N	15	N	10	N	12	7	11	N	22.24
SE	7	SE	9	SE	10	SE	10	SE	9	SE	12	SE	11	SE	8	SE	11	SE	10	9	30	NW	7.56
SE	7	SE	3	SE	7	SE	6	SE	5	SE	3	SE	8	SE	7	SE	7	NE	24	9	18	SE	1.04
E	15	E	13	E	9	E	7	E	6	NE	10	NE	11	NE	13	NE	12	SE	12	9	26	NE	14.04
NE	18	NE	12	NE	11	NE	10	NE	12	NE	15	NE	15	NE	18	NE	16	NE	23	17	25	NE	9.57 10.09
NE	10	N	8	N	5	N	8	N	9	N	7	N	10	N	7	N	5	N	21	14	27	N	8.40 9.10
NE	7	NW	13	SW	31	SW	30	SE	19	SE	13	SE	8	S	5	SW	10	NE	11	10	56	S	17.24
SE	3	S	1	S	2	E	2	E	3	E	4	E	3	E	4	SE	3	SW	9	6	36	SW	3.08
NE	14	NE	14	NE	6	E	5	SW	4	S	3	E	3	E	5	E	4	NE	13	7	14	NE	14.17 15.12
W	2	Calma	1	SW	4	SW	2	Calma	1	W	3	SW	4	W	3	SW	4	NE	13	3	8	SW	23.04
SW	5	SW	5	SW	2	SW	4	Calma	1	NE	2	NE	4	NE	2	NW	3	SW	14	3	6	S	7.12
NW	15	NW	11	NW	7	N	6	N	10	N	14	N	13	N	17	N	12	NW	13	12	26	NW	11.18
NW	15	NW	11	N	8	N	6	NE	5	NE	3	NE	7	NE	2	Calma	0	N	10	11	20	NW	13.09
NE	12	NE	8	N	10	NW	7	NW	5	N	5	N	7	N	3	NW	3	NE	8	6	14	NE	14.00
NE	9	NE	7	NE	8	NE	9	NE	7	NE	6	NE	5	NE	4	E	2	NE	14	5	10	NE	14.52
W	2	SW	2	SW	5	SW	7	S	10	S	16	S	12	S	18	S	12	E	6	7	37	S	22.12
SW	17	SW	14	SW	9	SW	7	SW	7	SW	6	SW	6	SW	6	SW	2	SW	23	11	34	SW	13.08
N	12	NE	8	NE	6	NE	7	N	7	N	7	N	9	N	11	N	16	N	11	7	15	N	23.35
NE	16	N	11	NW	6	N	4	NE	6	NE	3	NE	2	NE	5	NE	2	N	12	11	22	N	11.59
SW	4	SW	2	Calma	1	Calma	1	W	2	SW	3	SW	2	W	4	SW	3	SW	8	3	7	SW	13.04
NW	2	Calma	1	N	2	N	3	Calma	1	NE	3	NE	2	NE	3	NE	4	SW	9	3	3	S	13.00
N	4	NE	7	NE	6	N	9	N	7	N	7	N	4	N	4	N	4	N	20	7	12	N	9.35
W	5	NW	3	NW	2	NW	3	NE	2	NE	5	NE	6	NE	6	NE	11	NW	16	6	8	NW NE	2.38 23.59
NE	11	NE	7	NE	10	NE	10	NE	8	NE	8	NE	12	NE	12	NE	11	NE	22	13	18	N	12.08
NE	8	NE	7	NE	9	NE	13	NE	17	NE	14	NE	13	NE	14	NE	12	NE	17	12	23	N	6.12
SW	12	W	11	W	13	W	11	SW	14	SW	11	SW	11	W	11	W	12	SW	14	11	25	N	2.10
W	9	W	7	W	4	NW	5	NW	6	NW	6	NW	7	NW	6	NW	7	W	12	10	2	N	9.37
SE	4	E	5	NE	13	NE	13	NE	11	NE	9	NE	6	NE	8	NE	6	NE	12	7	16	NE	17.52
NE		NE		NE		NE		NE		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
11		11		11		9		11		14		14		13		9		NE	221	8	DIRECCIÓN	DÍA	HORA
	9		7		8		8		7		7		8		8		7				SW	9	de 17.30 a 17.45

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	3	32	15	94											4	44	2	171
2	3	25	21	130														155
3	12	75	10	87			1	3			1	2						167
4	6	64			1	5	10	91	1	3					5	49	1	213
5							24	212										212
6			4	46	8	97	12	81										224
7	1	21	23	365														406
8	21	289	3	45														334
9	1	5	11	86	2	6	5	49	1	5	3	71			1	13		235
10					5	16	4	19	5	32	9	83	1	7				157
11			13	134	6	23	3	12	1	3	1	4						176
12			13	56							4	14	4	11			3	84
13			3	8					3	11	14	54			1	3	3	78
14	11	108													13	187		295
15	10	104	4	17											9	141	1	262
16	7	47	8	46	1	2									7	46	1	142
17	1	3	14	96	1	2									3	12	5	118
18	2	14			6	23	3	12	5	68	3	14	2	10	3	33		174
19									1	8	23	265						273
20	11	120	3	21	1	2					6	21	1	3			2	169
21	12	161	11	92											1	6		259
22	2	8	1	3	1	4					8	29	4	17	3	15	5	80
23	2	5	4	12							10	35	4	11	1	2	3	68
24	20	134	3	16											1	9		159
25			5	30									3	18	16	97		145
26	2	29	22	274														303
27	7	106	17	196														302
28	3	49	1	20							14	143	5	58	1	5		275
29											6	76	12	120	6	37		233
30	7	46	12	103	2	7	1	4	2	8								168
31																		
SUMAS	144	1435	221	1997	34	187	63	483	19	138	102	811	36	255	75	699	26	6037
% PREVAL POR VELOCIDAD	23.9		33.1		3.1		8.0		2.3		13.4		4.2		11.6		0.4	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		9		6		8		7		8		7		9		1	201

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	7	9	1	3	1	4	1	3	1
1 - 2	8	7	1	4		5		3	2
2 - 3	9	7	2	2		4	1	3	2
3 - 4	9	9		4	1	5	1	1	
4 - 5	8	7	2	4		4	1	2	2
5 - 6	7	8	2	2	1	5	1	2	2
6 - 7	7	8	1	3	1	5	1	2	2
7 - 8	5	9	2	3	1	4	1	3	2
8 - 9	7	8	1	2	2	3	2	3	2
9 - 10	10	7	1	2		4	2	4	
10 - 11	8	7		2	1	6		6	
11 - 12	8	6	1	3		6	1	7	
12 - 13	4	9	1	1	4	3	7	1	
13 - 14	4	9	2	1	1	6	2	5	
14 - 15	5	8	1	3	1	4	4	3	1
15 - 16	2	11	1	4		4	4	3	1
16 - 17	2	11	2	2	1	4	2	4	2
17 - 18	4	11	1	2	1	5	2	3	1
18 - 19	6	9	3	2		5	1	3	1
19 - 20	4	11	2	3	1	3	1	2	3
20 - 21	5	14	1	3	2	3	1	1	
21 - 22	5	14	2	3	1	4		1	
22 - 23	6	13	2	2	2	1	3	1	
23 - 24	6	9	2	3	1	4	1	3	1
SUMAS	144	221	34	63	19	102	36	75	26
% de frec. por dirección	20.0	30.7	4.7	8.8	2.6	14.2	5.0	10.4	3.6

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	22.2	15.3	0.56	9	2	3	Ne.
	10	27.1	17.5	0.78	10	2	3	Ne.
	12	43.5	25.6	1.46	7	5	3	Ne.
	14	29.5	22.2	0.59	9	3	4	
	15	28.8	22.0	0.55	8	2	4	
2	9	28.4	17.5	0.89	10	1	4	
	10	34.1	20.8	1.08	10	1	4	
	12	30.5	21.1	0.76	10	0	4	
	14	34.7	23.5	0.91	9	2	5	
	15	29.2	21.9	0.59	10	0	4	B.
3	9	36.3	20.5	1.28	0	5	4	B.
	10	43.0	24.9	1.47	0	5	4	B.
	12	45.7	27.0	1.52	0	5	5	
	14	44.0	27.2	1.36	1	5	5	
	15	39.2	25.7	1.10	1	3	5	
4	9				10	0	4	Ne.
	10	30.4	20.1	0.84	9	2	4	Ne.
	12	25.6	21.2	0.36	10	0	5	
	14	27.3	20.7	0.54	10	0	2	N.
	15	22.5	19.6	0.24	10	0	3	Ne.
5	9	24.0	12.7	0.92	8	1	5	
	10	35.5	17.0	1.50	8	3	5	
	12	28.6	16.2	1.01	10	3	5	
	14	31.0	16.8	1.15	9	3	5	
	15	21.0	13.8	0.58	7	3	5	
6	9	12.5	9.3	0.26	10	0	5	
	10	15.0	10.2	0.39	10	0	4	B.
	12	23.7	14.2	1.77	10	5	5	
	14	30.4	15.0	1.25	8	3	5	
	15	17.7	12.4	0.43	7	3	5	
7	9	21.2	14.8	0.52	9	1	5	
	10	32.5	19.7	1.04	7	4	5	
	12	33.7	20.3	1.09	10	4	5	
	14	29.1	18.7	0.84	10	0	4	
	15	19.0	15.4	0.29	10	0	4	
8	9	33.3	19.8	1.10	9	2	4	
	10	24.5	18.5	0.49	10	0	4	
	12	27.0	19.5	0.61	10	0	4	
	14	25.7	20.3	0.44	10	0	5	
	15	23.0	19.5	0.28	10	0	5	
9	9	23.5	18.0	0.45	10	0	2	B.
	10	26.0	19.5	0.53	10	0	3	
	12	27.7	20.8	0.56	10	0	4	
	14	28.0	20.6	0.60	10	0	4	
	15	22.4	19.5	0.24	10	0	5	
10	9	33.4	16.2	1.40	0	5	5	
	10	37.3	17.8	1.58	0	5	5	
	12	40.8	20.8	1.63	0	5	5	
	14	39.5	20.7	1.53	1	5	5	
	15	31.2	18.3	1.05	5	4	5	
11	9	14.0	11.7	0.19	10	0	4	
	10	19.2	13.4	0.47	10	0	4	
	12				10	0	4	LL.
	14	27.2	16.4	0.88	9	3	5	
	15	30.4	17.9	1.01	9	1	5	
12	9	16.0	10.9	0.41	10	0	3	Ne.
	10	20.7	12.9	0.63	10	0	4	B.
	12	22.0	14.9	0.58	10	0	5	
	14	19.7	14.8	0.40	10	0	4	
	15	16.6	14.0	0.21	10	0	5	
13	9	15.5	9.7	0.47	10	0	1	N.
	10	22.4	12.2	0.83	10	0	1	N.
	12	35.6	16.1	1.58	9	3	4	B.
	14	37.5	18.5	1.54	6	4	5	
	15	35.0	17.7	1.44	2	5	5	
14	9	30.2	13.2	1.38	0	5	4	Ne.
	10	27.3	13.4	1.13	6	3	4	Ne.
	12	27.2	15.0	0.99	10	3	4	
	14	38.0	19.2	1.53	2	5	5	
	15	33.2	18.2	1.22	1	5	5	
15	9	31.0	13.5	1.42	2	5	5	
	10	35.8	16.1	1.60	3	5	5	
	12	41.0	20.2	1.69	5	5	5	
	14	32.0	18.4	1.10	9	3	5	
	15	20.5	15.3	0.42	10	0	5	
16	9	32.8	16.3	1.34	1	5	5	
	10	40.5	22.0	1.58	0	5	5	
	12	37.1	21.6	1.26	8	4	5	
	14	38.5	32.2	1.32	7	5	5	
	15	21.4	17.4	0.32	10	0	5	
17	9	18.0	14.5	0.28	10	0	2	
	10	28.5	17.2	0.92	10	0	2	
	12	42.2	22.2	1.63	1	5	5	
	14	42.2	23.1	1.55	2	5	5	
	15	35.8	20.2	1.27	2	5	5	
18	9				10	0	3	B.,Z.
	10	21.6	17.9	0.30	10	0	5	
	12				10	0	4	Z.
	14				10	0	4	Z.
	15	20.2	17.9	0.19	10	0	4	B.
19	9	29.5	11.0	1.50	0	5	5	
	10	33.4	13.3	1.63	0	5	5	
	12	35.7	15.0	1.68	0	5	5	
	14	34.8	15.0	1.61	0	5	5	
	15	31.2	13.2	1.46	0	5	5	
20	9	17.0	5.5	0.93	10	4	4	B.
	10	29.3	10.9	1.50	10	4	4	B.
	12	32.5	13.7	1.53	10	4	5	
	14	23.7	12.5	0.91	10	4	5	
	15	19.5	11.4	0.66	10	2	5	
21	9	28.6	10.1	1.50	0	5	4	
	10	33.0	13.1	1.62	0	5	4	
	12	37.2	17.0	1.64	0	5	5	
	14	35.2	17.4	1.45	0	5	5	
	15	33.5	16.2	1.41	1	5	5	
22	9	15.8	10.0	0.47	10	0	4	
	10	19.1	11.5	0.62	10	0	5	
	12	15.5	12.0	0.28	10	0	5	
	14	15.0	11.6	0.28	10	0	5	
	15	16.0	12.0	0.32	10	0	5	
23	9	29.1	11.6	1.42	0	5	4	
	10	35.4	15.6	1.61	2	5	4	
	12	20.2	14.0	0.50	10	0	5	
	14	17.9	13.0	0.40	10	0	5	
	15	18.6	13.4	0.42	10	0	5	
24	9	29.0	13.4	1.27	7	4	4	
	10	35.0	16.0	1.54	3	5	4	
	12	37.8	19.0	1.53	2	4	4	
	14	35.0	19.0	1.30	8	3	5	
	15	18.1	15.6	0.20	10	0	5	
25	9	22.2	14.7	0.61	8	1	3	
	10	33.5	18.5	1.22	9	1	3	
	12	22.3	16.4	0.48	10	0	4	B.
	14	27.7	18.0	0.79	10	0	5	
	15	22.6	16.7	0.48	9	1	4	B.
26	9	33.0	15.4	0.43	2	5	5	
	10	36.7	17.5	1.56	3	5	5	
	12	39.0	20.0	1.54	7	4	5	
	14	36.5	19.5	1.38	9	4	5	
	15	35.8	19.0	1.36	2	5	5	
27	9	12.5	11.3	0.10	10	0	1	N.
	10	17.0	13.0	0.32	10	0	3	Ne.
	12	21.7	16.2	0.45	10	0	5	
	14	21.4	17.2	0.34	10	0	5	
	15	20.2	17.3	0.24	10	0	5	
28	9	20.0	15.5	0.36	10	0	3	
	10	16.0	14.5	0.12	10	0	3	
	12				10	0	5	
	14	21.0	16.1	0.40	9	0	5	
	15	17.9	14.5	0.28	10	0	5	
29	9	29.3	11.5	1.45	1	5	5	
	10	33.0	14.0	1.54	2	5	5	
	12	37.5	17.8	1.60	7	5	5	
	14	36.2	18.6	1.43	4	5	5	
	15	33.0	17.0	1.30	2	5	5	
30	9	11.3	9.5	0.15	10	0	5	
	10	15.0	11.0	0.32	10	0	5	
	12	17.7	12.4	0.43	10	0	5	
	14	19.9	13.6	0.51	10	0	4	
	15	14.2	12.4	0.15	10	0	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.1	0.2	0.4	0.6	0.6	0.9	0.8	0.4	0.5	0.1			4.6	10.0	46
2				0.1	0.7	0.4			0.3	0.1	0.1				1.7	9.9	17
3				0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.0	9.9	81
4						0.7	0.4								1.1	9.9	11
5				0.8	1.0	1.0	1.0	0.8	1.0	0.8	0.6				7.0	9.9	71
6							0.5	0.9	0.8	0.8	0.5				3.5	9.9	35
7				0.2	0.7	1.0	1.0	0.9	0.9						4.7	9.8	48
8				0.8	1.0	0.1		0.6	0.5		0.1				3.1	9.8	32
9									0.5						0.5	9.8	05
10				0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5				7.3	9.8	74
11				0.1					0.5	0.9	0.5				2.0	9.8	20
12						0.2	0.5								0.7	9.8	07
13							0.5	0.9	1.0	1.0	0.9	0.4			4.7	9.8	48
14			0.1	1.0	1.0	0.5	0.1	1.0	1.0	1.0	0.9	0.1			6.7	9.8	68
15				0.9	0.8	1.0	1.0	1.0	1.0	0.2	0.2				6.1	9.8	62
16				0.4	0.9	0.9	1.0	1.0	1.0	0.3					5.5	9.8	56
17						0.2	0.9	1.0	1.0	0.8	0.5	0.1			4.5	9.8	46
18															0.0	9.8	00
19			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.6	9.8	88
20				0.6	0.9	1.0	1.0	1.0	0.7	0.5	0.7				6.4	9.8	65
21			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.2	9.8	84
22						0.2	0.2								0.4	9.8	04
23				0.9	1.0	1.0	1.0		0.4						4.3	9.8	44
24				0.3	0.9	1.0	1.0	0.3	0.7	0.2					4.4	9.8	45
25				0.5	1.0	1.0	0.6		0.8	1.0	1.0	0.1			6.0	9.8	61
26			0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.2	9.8	84
27							0.1	0.1							0.2	9.8	02
28								0.2			0.4	0.2			0.8	9.8	08
29			0.5	1.0	1.0	1.0	1.0	0.6	0.9	1.0	1.0	0.4			8.4	9.8	86
30															0.0	9.8	00
31																	
Medias			0.0	0.4	0.5	0.6	0.6	0.5	0.6	0.5	0.4	0.1			4.2	9.8	43

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h
1	15.0	18.0	17.7	15.0	16.1	16.5	14.4	14.6	15.2	15.0	14.8	15.0	16.0	16.0	16.0
2	16.4	18.1	17.8	15.5	16.5	16.7	14.8	14.9	15.4	15.1	15.1	15.2	16.2	16.3	16.2
3	16.5	19.0	18.6	15.7	17.1	17.4	15.0	15.4	16.3	15.3	15.4	15.8	16.4	16.5	16.6
4	17.8	18.8	18.4	16.7	17.5	17.3	15.8	16.0	16.2	15.9	16.0	16.2	16.7	16.9	16.9
5	16.0	16.8	16.1	15.5	15.8	15.5	15.2	15.0	15.0	15.8	15.5	15.4	16.9	16.8	16.7
6	14.6	15.1	14.6	14.2	14.3	14.1	14.0	13.8	13.8	14.9	14.6	14.4	16.5	16.3	16.1
7	14.1	15.9	16.0	13.5	14.5	14.9	13.2	13.4	13.9	14.0	14.0	14.2	15.9	15.8	15.7
8	15.6	16.6	16.8	14.6	15.2	15.7	13.9	14.1	14.5	14.4	14.4	14.6	15.8	15.9	15.9
9	16.7	17.8	17.6	15.6	16.4	16.7	14.6	14.9	15.6	14.8	15.0	15.4	16.0	16.2	16.3
10	15.8	17.0	16.5	15.3	15.9	15.7	14.8	14.7	15.0	15.2	15.0	15.2	16.4	16.4	16.4
11	15.1	15.4	15.5	14.5	14.6	14.7	14.2	14.0	14.1	14.9	14.7	14.6	16.3	16.2	16.1
12	13.8	15.0	15.2	13.4	14.0	14.3	13.2	13.2	13.5	14.2	13.9	13.9	15.9	15.7	15.7
13	14.5	15.5	14.4	13.7	14.3	14.1	13.2	13.3	13.5	13.8	13.9	13.9	15.5	15.5	15.4
14	12.2	13.9	13.8	12.0	12.7	13.1	12.3	12.2	12.6	13.4	13.1	13.2	15.3	15.2	15.0
15	12.7	14.6	14.2	12.2	13.2	13.4	12.0	12.2	14.7	12.9	12.9	13.1	14.8	14.7	14.7
16	13.0	15.3	15.3	12.5	13.7	14.3	12.2	12.5	13.1	13.0	13.0	13.2	14.7	14.7	14.6
17	14.6	16.2	16.0	13.6	14.5	14.9	13.0	13.2	13.8	13.4	13.5	13.8	14.9	15.0	15.1
18	15.8	16.6	16.8	14.8	15.4	15.8	13.8	14.1	14.5	14.0	14.2	14.4	14.3	15.4	15.5
19	14.0	14.2	13.4	13.7	13.7	13.1	13.6	13.2	13.0	14.2	13.9	13.8	15.6	15.5	15.3
20	10.4	12.2	11.8	10.7	11.4	11.4	11.4	11.2	11.4	12.8	12.3	12.2	14.9	14.6	14.4
21	10.2	12.0	11.6	9.9	10.8	11.1	10.3	10.4	10.8	11.6	11.4	11.4	13.9	13.8	13.6
22	10.8	12.3	12.4	10.4	11.3	11.6	10.3	10.5	10.9	11.3	11.2	11.4	13.5	13.4	13.3
23	10.9	12.5	12.5	10.7	11.5	11.8	10.7	10.7	11.2	11.5	11.4	11.6	13.4	13.3	13.3
24	11.2	13.0	13.2	10.7	11.7	12.3	10.6	10.8	11.3	11.5	11.4	11.6	13.4	13.4	13.2
25	12.6	14.0	13.9	11.8	12.7	12.9	11.2	11.5	12.0	11.7	11.8	12.1	13.4	13.5	13.5
26	12.8	13.9	13.5	12.1	12.7	12.7	11.6	11.7	12.0	12.2	12.3	12.2	13.6	13.7	13.6
27	13.2	14.2	14.4	12.3	12.9	13.4	11.7	11.8	12.2	12.2	12.2	12.4	13.7	13.8	13.8
28	14.8	15.4	14.8	13.9	14.2	14.0	12.7	12.9	13.0	12.8	13.0	13.2	14.0	14.1	14.2
29	12.4	13.8	13.2	12.2	12.8	12.8	12.0	11.8	12.0	12.4	12.4	12.4	14.2	14.2	14.0
30	11.8	12.4	12.6	11.3	11.6	12.0	11.2	11.1	11.2	12.2	11.8	11.8	13.9	13.8	13.6
31															
Prom.	13.8	15.2	15.0	13.3	14.0	14.1	12.9	13.0	13.4	13.6	13.5	13.6	15.1	15.1	15.0

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.3	0.6	0.5	1.2	F.18	19.7	18.8	21.7	18.9		7333
2					0	0.1	0.6	0.3	1.0							7340
3					0	0.1	0.8	0.7	2.0							7342
4	16.4	15.8	14.9	11.4	2	0.5	0.3	0.3	1.0							7340
5					2	0.5	0.7	0.5	1.7							7337
6					2	0.5	0.7	0.6	2.1	F.19	20.3	19.6	23.8			7372
7					1	0.8	1.4	0.5	2.5							7338
8					2	0.6	0.9	0.3	1.4							7305
9	2.5	3.0	2.6	0.8	2	0.2	0.3	0.7	1.4							7307
10	19.7	20.7	15.4	14.4	2	0.4	0.8	0.4	1.3							7303
11					2	0.1	0.3	0.6	1.0							7302
12					2	0.1	0.1	0.3	0.5							7292
13					2	0.1	0.1	0.4	0.6	F.20	21.3	19.7	23.6			7307
14					2	0.1	0.6	0.8	1.7							7305
15					2	0.3	0.2	1.0	1.4							7283
16					2	0.2	0.8	0.6	1.5	F.21	20.6	19.5	21.5			7265
17					1	0.1	0.4	0.3	0.8							7270
18	4.0	4.5	4.2	2.2	2	0.1	0.1	0.1	1.0							7248
19	0.1	0.3	0.3	0.4	2	0.8	1.5	1.0	2.5							7299
20					2	0.0	1.0	0.9	2.3							7324
21					1	0.4	1.4	0.9	2.6							7207
22	0.0	1.8	0.0	0.0	2	0.3	0.2	0.2	0.5							7268
23					0	0.1	0.6	0.2	0.9	F.22	19.6	20.2	20.1	16.9	15.1	7260
24					0	0.1	0.9	0.5	1.6							7280
25					0	0.2	0.4	0.2	1.1							7284
26					0	0.5	1.9	1.1	3.4	F.23	19.8	19.4	22.8			7278
27					0	0.4	0.3	0.4	1.0							7256
28	1.0	1.6	1.3	0.0	2	0.3	0.4	0.4	2.1							7238
29	0.0	0.0	0.0	0.0	1	1.3	0.9	0.6	1.9							7276
30					1	0.4	0.4	0.3	1.4							7270
31																
Prom.	43.7	47.7	38.7	29.2	-	0.3	0.7	0.5	1.5	-	-	-	-	-	-	7294

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
15.6	15.8	15.7	16.3	16.4	16.4	19.1	20.0	6.3	Cn. m. y t., Ca. n., r. m. y n., Ne.d.v. m.
15.8	15.9	15.9	16.4	16.5	16.5	19.0	20.0	10.4	Cn. m. t. y n., r. m. y n., N. m., Ne.Dl. n.
16.1	16.2	16.2	16.5	16.6	16.6	19.1	20.0	9.2	Ca. m. t. y n., r. m. y n., Ne. m.
16.3	16.5	16.5	16.6	16.7	16.7	18.7	19.9	13.2	Cn. m. t. y n., LL. m., N. t.
16.6	16.6	16.4	16.8	16.8	16.8	18.8	19.8	6.3	Cn. m. t. y n., r. m.
16.3	16.3	16.1	16.7	16.8	16.7	18.8	19.8	6.2	Cn. m. y t., Ca. n., r. n.
15.9	15.8	15.7	16.7	16.8	16.8	18.8	19.8	6.5	Cn. m. t. y n., Z. m.
15.8	15.8	15.7	16.7	16.8	16.8	18.7	19.7	11.5	Cn. m.t. y n., r. m., LL.CH.Ru. t., Z.R. n.
15.9	16.0	16.0	16.8	16.8	16.8	18.7	19.7	12.7	Cn. m.t. y n,N.d.v. m,Ne. t.,CH.Ru. t.,R. n.
16.1	16.2	16.1	16.8	16.8	16.8	18.6	19.5	5.8	Ca. m. t. y n., r. n.
16.1	16.1	15.9	16.8	16.8	16.7	18.6	19.5	6.4	Cn. m. y t., Variable n., r. m. y n.
15.8	15.7	15.6	16.6	16.6	16.6	18.6	19.6	-	Cn. m. t. y n., r. m. y n., Ne. m. y t.
15.4	15.4	15.3	16.5	16.6	16.5	18.5	19.5	6.2	Cn. t., Ca. n., r. m. y n., N. m. y n., d.v. m.
15.3	15.2	15.0	16.2	16.4	16.4	18.5	19.5	-0.2	Ca. m. t. y n., r. m. y n., N. m.
14.9	14.8	14.7	16.4	16.3	16.3	18.5	19.5	3.4	Ca. m. y n., Cn. t., r. m. y n., N. m.
14.6	14.7	14.6	16.1	16.3	16.2	18.5	19.4	2.7	Ca. m. y n., Cn. t., r. m. y n., Ne. m.
14.7	14.9	14.8	16.2	16.2	16.2	18.5	19.4	7.1	Cn. m. y n., Ca. t., N. d.v. m. y n., B. t.
15.1	15.2	15.2	16.2	16.2	16.2	18.5	19.4	13.3	Cn. t. y n., N. m., Z.Ne. t., LL. n.
15.3	15.4	15.2	16.1	16.2	16.0	18.5	19.3	2.0	Ca. m. t. y n., r. m.
15.0	14.8	14.5	15.7	15.9	15.8	18.5	19.3	-4.1	Cn. m. y t., Ca. n., h. m., N. m., r. n.
14.2	14.0	13.8	15.6	15.7	15.7	18.4	19.3	-2.1	Ca. m. t. y n., r. m. y n.
13.6	13.6	13.5	15.5	15.6	15.5	18.3	19.2	0.3	Cn. m. t. y n., r. n.
13.4	13.5	13.5	15.3	15.4	15.3	18.3	19.2	0.0	Ca. m. y n., Cn. t., r. m. y n.
13.4	13.4	13.2	15.1	15.2	15.2	18.2	19.2	1.4	Cn. m. y t., Ca. n., r. m. y n.
13.3	13.5	13.4	15.1	15.2	15.2	18.1	19.1	4.8	Cn. m. y t., Variable n., Ne. m. y t., N.n,r.n.
13.5	13.6	13.5	15.1	15.1	15.2	18.1	19.2	6.1	Cn. m. t. y n., r. m. y n.
13.7	13.7	13.6	15.1	15.2	15.1	18.1	19.1	6.5	Cn. t. y n., N. d.v. m., Ne. t.
13.8	13.9	14.0	15.2	15.2	15.2	18.0	19.0	14.0	Cn. m. y t., Ca. n., r. n.
14.0	14.0	13.8	15.0	15.0	15.1	18.0	19.0	-	Ca. m. t. y n., r. m. y n.
13.8	13.7	13.6	15.0	15.1	15.1	17.9	19.0	0.0	Cn. m. t. y n., r. m.
15.0	15.0	14.9	16.0	16.1	16.1	18.5	19.5	5.6	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	59.4	68.2	5 6	24 1	50.2	9	15-16	15.1	19.2	11.6	24.8	3	14	7.8	6	5-7	4.2	9.9	42
2ª	61.5	71.4	20	11	55.1	18	15	10.7	16.0	5.6	20.2	16	14	-1.5	20	7	4.5	9.8	46
3ª	59.8	68.9	21	1-3	50.4	28	5	10.9	15.2	6.6	17.2	27	16	10.7	27	3-4	4.1	9.8	42
MES	60.2	71.4	20	11	50.2	9	15-16	12.2	16.2	7.9	24.8	3	14	-1.5	20	7	4.2	9.8	43

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	1,10	65	10	11.2	16.5	6.6	NE	10	44	9	31	9	17-18	56	S	9	17.24	39.5	20.7	10	16.0	9	17-18
2ª	89	100	11,13-14,17-18	43	19	8.5	15.0	4.0	NE	6	32	14	23	19	12-13	37	S	18	22.12	4.8	4.5	18	-	-	-
3ª	85	100	21-24 27	43	26	8.2	13.0	4.8	NE	10	24	21 26-28	22	28	1-2	25	N	28	2.10	3.4	1.8	22	-	-	-
MES	87	100		43	19,26	9.3	16.5	4.0	NE	9	44	9	31	9	17-18	56	S	9	17.24	47.7	20.7	10	16.0	9	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	-	4	3	-	-	-	2	2	-	2	-	-	-	2	2	2
2ª	-	1	3	6	-	-	-	1	2	-	-	-	-	-	1	-	-
3ª	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
MES	-	1	9	11	-	-	-	3	4	-	2	-	-	-	3	2	2

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Gamellada blanda	Gamellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	7	-	-	-	-	-	1	-	-	-	-	1	6	-	-	-
2ª	8	1	-	-	-	-	-	-	-	-	-	1	3	1	-	-
3ª	9	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-
MES	24	1	-	-	-	-	1	-	-	-	-	3	13	1	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II JULIO 1947 Nº. 7

RESUMEN MENSUAL

El mes empieza con el pasaje de un frente frío. Reina tiempo bueno y fresco con temperaturas normales concordantes con esta época del año. Un nuevo empuje de aire polar da comienzo al período más frío del año,que persiste hasta el 15. En esta primera quincena del mes la temperatura resulta ser diez veces igual o inferior a 0.0°C.El 14 desciende la temperatura hasta -5.8°C, siendo esta la mínima del año. En estos días la máxima termométrica es a su vez dos veces inferior a 10.0° C. En consecuencia también la presión se eleva considerablemente,registrándose el 13 los valores más altos de todo el año, con 774 mm. Características de este período son también la baja tensión del vapor y la escasa nubosidad; la tensión del vapor en efecto,se mantiene sin mayores variantes desde el 5, entre 3 y 4 mm.,y de los diez días de cielo despejado del mes, siete se anotan durante esta quincena.

Al iniciarse la segunda,el viento que hasta entonces había sido prevalente S gira al sector N; hay en consecuencia alteración en el estado del tiempo.Las masas de aire que llegan del Norte aumentan la nubosidad, temperatura y humedad, mientras desciende la presión. Así se mantiene el tiempo hasta el 22. Las únicas lluvias del mes caen el 17, 18 y 21. La tensión del vapor aumenta el 20 hasta 13 mm. y la temperatura hasta 25.4°C.En la noche del 21 al 22 alcanza la presión su valor mínimo mensual;un frente frío restablece el tiempo invernal con poca nubosidad.Los valores de todos los elementos oscilan entonces en los límites del término medio,aunque desde el 23 hasta el 25 la temperatura sea ligeramente inferior al valor normal y desde el 26 hasta el 30 superior al mismo.Una nueva ola de aire frío el 31 produce gran nubosidad.

La alta presión en el aire frío de la primera parte del mes es la causa de que el promedio mensual de la presión fuera superior en más de 2 mb al término medio y la temperatura medio grado inferior a 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	56	54	46	50	50	60	50	34	66	68	40	26	14	32	52
2	38	44	38	36	36	40	64	82	104	110	112	147	138	138	122
3	106	100	118	100	68	64	72	90	98	98	102	112	128	126	124
4	78	86	90	151	140	132	102	147	186	157	146	132	120	100	118
5	60	72	62	66	56	68	31	47	26	72	27	28	75	29	9
6	+∞	87	+∞	+∞	+∞	66	74	82	+∞	+∞	+∞	+∞	76	73	62
7	76	89	77	71	71	97	95	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	+∞	+∞	52	42	63
12	74	63	58	51	63	63	64	74	-	-	-	-	-	-	-
13	53	77	75	82	87	77	85	-	-	-	-	-	-	-	-
14	68	63	118	122	112	76	88	88	128	138	108	110	116	128	124
15	112	92	-	76	68	56	61	64	39	67	59	52	70	78	-
16	70	60	28	31	24	36	24	11	16	-	-	0	22	30	42
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	11	14	14	15	15	15	17	20	26	37	33
20	20	21	22	21	22	6	14	18	19	10	13	17	16	18	15
21	20	27	34	31	35	32	32	35	27	33	60	74	77	72	72
22	37	61	±∞	±∞	+∞	±∞	-	-	-	-	76	83	77	77	79
23	64	50	58	48	36	36	34	38	36	30	114	147	161	+∞	+∞
24	20	18	16	14	10	27	23	30	62	60	108	+∞	+∞	+∞	+∞
25	194	194	165	155	116	153	108	163	96	159	194	181	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	58	79	48	35	19	17	62	-	-	-	-
28	14	20	26	-	-	-	-	-	104	130	144	138	-	-	-
29	-	-	-	-	-	-	-	74	48	44	50	44	48	64	42
30	40	-	52	32	24	-	64	76	88	118	52	64	100	86	92
31	38	42	28	24	24	32	38	52	66	76	96	100	110	98	112
Prom.	51.4	53.4	53.7	59.0	53.6	52.3	53.1	65.4	80.8	78.8	81.3	86.8	86.1	83.4	87.8

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	-	-	-	-	-	-	-	-	0.56	0.38	0.94	1.47	-	-	-	-
2	-	-	-	-	7.93	10.11	18.04	0.78	0.40	0.56	0.96	0.71	0.98	0.96	1.94	1.02
3	10.69	12.90	23.60	0.84	7.35	9.20	17.55	0.80	0.86	1.09	1.95	0.79	0.76	0.94	1.70	0.81
4	8.50	10.64	19.14	0.80	5.72	7.46	13.08	0.76	0.81	0.54	1.35	1.50	0.61	0.81	1.42	0.75
5	11.09	18.01	29.10	0.62	10.75	10.93	21.67	0.98	1.26	1.39	2.65	0.91	0.62	1.10	1.72	0.56
6	8.27	9.29	17.56	0.90	9.78	7.88	17.66	1.23	0.34	0.77	1.05	0.48	0.77	0.93	1.70	0.83
7	5.20	4.25	9.45	1.23	9.22	11.45	20.67	0.80	0.43	0.57	1.00	0.75	0.79	0.90	1.69	0.88
8	7.55	8.86	16.41	0.85	-	-	-	-	0.62	0.75	1.37	0.83	0.59	0.92	1.51	0.64
9	5.87	3.41	9.28	1.70	9.52	5.60	15.12	1.69	0.41	0.75	1.16	0.55	0.54	0.98	1.52	0.55
10	6.81	9.62	16.43	0.71	6.70	6.71	13.41	1.00	0.54	0.88	1.42	0.61	0.94	0.97	1.91	0.97
11	7.83	9.42	17.25	0.84	8.62	10.18	18.81	0.84	0.25	0.56	0.81	0.45	0.63	0.94	1.57	0.67
12	15.97	11.38	27.35	1.40	-	-	-	-	0.75	1.23	1.98	0.61	0.89	0.93	1.82	0.96
13	6.89	9.52	16.42	0.73	7.34	10.23	17.57	0.71	0.60	0.59	1.19	1.02	0.55	0.85	1.40	0.65
14	8.37	8.90	17.27	0.94	2.42	2.80	5.22	0.86	0.63	0.84	1.47	0.75	0.23	0.28	0.51	0.82
15	5.12	7.66	12.78	0.67	6.34	5.70	12.04	1.10	0.44	0.54	0.98	0.81	0.48	0.47	0.95	0.98
16	8.02	15.82	23.85	0.51	5.67	10.07	15.73	0.56	0.55	1.43	1.98	0.38	0.66	0.82	1.48	0.80
17	5.77	12.58	18.35	0.46	-	-	-	-	0.32	0.51	0.83	0.63	0.27	0.21	0.48	1.28
18	-	-	-	-	-	-	-	-	0.33	0.25	0.58	1.32	0.28	0.43	0.71	0.65
19	-	-	-	-	-	-	-	-	0.52	0.55	1.07	0.94	0.54	0.57	1.11	0.95
20	-	-	-	-	-	-	-	-	0.37	0.27	0.64	1.37	0.73	0.75	1.48	0.97
21	-	-	-	-	-	-	-	-	-	-	-	-	0.55	0.58	1.13	0.95
22	6.79	11.69	18.48	0.58	10.00	10.74	20.74	0.94	-	-	-	-	1.42	1.41	2.83	1.01
23	-	-	-	-	1.58	1.76	3.34	0.88	0.19	0.26	0.45	0.73	0.20	0.26	0.46	0.77
24	3.45	10.78	14.23	0.32	2.07	2.14	4.20	0.93	0.23	0.55	0.78	0.42	0.24	0.31	0.55	0.77
25	3.24	5.64	8.89	0.57	3.47	3.90	7.37	0.88	0.50	0.56	1.06	0.89	0.52	0.56	1.08	0.93
26	4.38	6.90	11.28	0.64	10.88	9.35	20.23	1.77	0.63	0.68	1.31	0.93	1.10	1.26	2.36	0.87
27	8.97	15.15	24.12	0.59	7.55	8.62	16.17	0.88	1.03	0.90	1.93	1.14	0.97	1.00	1.97	0.97
28	7.60	9.56	17.16	0.81	4.94	4.49	9.43	1.10	0.93	0.94	1.87	0.99	0.52	0.55	1.07	0.94
29	-	-	-	-	5.97	11.19	17.16	0.54	0.56	0.50	1.06	1.12	0.68	0.91	1.59	0.75
30	-	-	-	-	8.56	11.06	19.63	0.78	-	-	-	-	1.68	0.91	1.59	0.18
31	10.44	12.06	22.50	0.87	8.58	9.09	17.67	0.95	0.74	1.28	2.02	0.58	0.75	0.90	1.65	0.83
Prom.	7.58	10.18	17.77	0.80	6.99	7.85	14.89	0.95	0.56	0.72	1.28	0.84	0.68	0.78	1.43	0.82

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
48	62	66	30	26	28	38	38	38	44.7	142	-10	152	1
113	76	58	76	98	92	134	124	120	89.2	173	20	153	0
112	114	98	76	78	84	92	74	72	96.1	149	48	101	0
140	126	110	86	64	72	70	64	72	112.0	204	38	166	0
69	83	86	+∞	+∞	85	87	83	+∞		∞	-88	-	2*
-	-	-	-	-	-	-	88	85		∞	0	-	0*
+∞	71	+∞	+∞	81	29	21	-	18		∞	7	-	0*
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
83	+∞	+∞	+∞	+∞	87	96	96	83		∞	-29	-	2*
-	106	112	147	138	92	93	96	79		163	37	126	0*
-	-	-	-	-	-	74	79	72		∞	14	-	0*
-	-	-	-	88	96	98	82	106		179	4	175	0*
83	83	-	-	-	51	47	24	54		∞	-20	-	1*
49	50	48	48	28	22	19	23	21		98	-147	175	2*
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
24	34	20	14	13	15	-	-	-		53	7	46	0*
13	14	20	33	26	29	34	38	31	20.4	57	-63	120	1
69	69	58	58	55	29	24	28	19	44.8	101	- 4	105	1
89	+∞	+∞	+∞	+∞	+∞	+∞	85	85		∞	-∞	-	3*
+∞	+∞	+∞	204	106	52	42	34	26		229	0	229	0*
+∞	+∞	+∞	+∞	+∞	+∞	+∞	181	182		225	-11	236	1*
-	-	-	-	-	-	-	-	-		∞	16	-	0*
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	122	96	38	24		204	0	204	0*
-	-	-	16	22	38	-	-	-		184	0	184	0*
34	30	43	55	88	76	74	40	62		157	-10	167	1*
90	108	118	130	120	116	68	48	40		179	0	179	0*
128	142	128	86	96	80	80	70	68	75.6	181	8	173	0
89.0	86.1	76.8	63.6	63.3	59.1	67.4	62.3	60.0	68.9				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
40	44	48	1.38	-	867	582	1449	1.49	3.40	0.38
114	122	118	3.90	7.63	1501	859	2360	1.75	-	1.26
104	92	112	5.98	6.35	930	-	930	-	-	-
144	146	140	6.57	6.63	431	532	963	0.81	-	2.39
19	-12	67	-1.06	3.84	773	1194	1967	0.65	-	-
-	-	-	-	-	-	1316	1316	-	-	-
-	-	-	-	-	1155	542	1697	2.13	-	1.41
-	-	-	-	-	1197	865	2062	1.38	-	0.64
-	-	-	-	-	1232	1257	2489	0.98	0.84	0.53
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1400	1264	2664	1.11	0.33	1.01
106	108	-	5.29	-	1779	1226	3005	1.45	2.11	-
54	49	79	1.60	2.50	-	779	779	-	-	1.91
-15	- 6	49	-0.40	2.42	672	947	1619	0.71	-	-
-	-	-	-	-	893	637	1530	1.40	0.99	-
-	-	-	-	-	555	983	1538	0.56	-	-
15	19	24	0.68	0.89	775	551	1326	1.41	-	-
16	17	12	0.36	0.59	542	136	678	3.98	-	-
61	66	75	-	2.82	-	-	-	-	-	-
79	88	91	-	8.58	1123	693	1816	1.62	1.05	1.09
175	134	-	2.01	-	-	262	262	-	-	-
124	-	-	-	-	624	438	1062	1.42	-	-
202	179	-	6.32	-	786	486	1272	1.62	-	-
-	-	-	-	-	1220	1318	2538	0.92	-	1.16
79	-	-	-	-	-	-	-	-	-	-
128	134	-	8.35	-	-	-	-	-	-	-
42	42	34	1.48	1.80	216	322	538	0.67	-	-
42	42	86	-	4.56	-	-	-	-	-	-
108	106	132	7.14	7.26	1392	1383	2775	1.01	-	0.53
81	76	76	3.16	4.30	955	807	1609	1.35	1.45	1.12

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	51.7	51.2	50.8	50.3	50.2	50.6	50.9	51.2	51.0	51.5	51.5	52.1	52.0	52.0	52.2
2	55.5	55.6	55.6	55.3	55.6	55.5	56.0	56.5	57.0	57.2	57.3	57.0	56.9	56.2	56.1
3	57.8	57.7	57.4	57.1	57.0	57.1	57.2	57.4	58.0	58.3	58.3	58.2	57.6	57.4	57.5
4	61.2	61.1	61.0	60.4	60.2	60.2	60.4	60.2	60.4	60.1	59.5	58.4	57.3	56.5	55.7
5	53.6	53.1	52.2	52.3	52.2	53.0	53.5	53.6	53.4	54.5	54.7	55.3	55.6	56.0	56.8
6	63.1	62.9	63.1	63.0	63.1	53.2	63.3	63.4	63.7	63.7	63.1	62.2	61.7	61.1	61.1
7	62.2	62.1	62.0	61.8	62.1	62.5	62.8	63.0	63.1	63.7	63.8	63.7	63.5	63.0	62.8
8	65.6	66.3	66.5	66.6	66.6	66.9	67.7	68.4	68.4	68.6	68.5	68.3	68.1	68.0	68.2
9	71.4	72.0	71.9	71.2	71.3	71.3	71.7	71.8	71.9	72.1	72.0	71.5	70.9	70.2	70.2
10	69.2	69.2	69.0	68.9	68.4	69.1	69.2	69.2	69.1	69.1	68.9	68.2	67.3	66.4	66.4
11	63.2	62.5	62.1	61.3	61.2	60.7	60.8	60.4	60.6	60.4	60.4	59.9	59.9	60.4	60.5
12	65.1	65.3	65.4	65.9	66.1	67.0	68.1	69.2	69.5	70.3	70.5	70.4	70.4	70.4	71.0
13	73.9	73.6	73.6	73.4	73.4	73.4	73.9	74.6	74.8	75.5	75.6	74.8	74.6	74.5	74.4
14	74.0	73.8	73.1	72.8	72.6	72.6	72.8	73.0	73.0	73.1	73.1	72.3	71.1	70.8	70.5
15	71.8	71.7	71.4	70.9	70.9	71.0	71.2	71.0	71.1	71.9	71.9	71.1	70.2	69.3	69.1
16	69.7	69.0	69.0	68.2	68.1	68.1	68.2	68.2	67.8	67.5	67.0	66.4	65.6	65.0	64.2
17	62.9	62.6	62.3	61.7	61.7	61.7	61.9	62.0	62.0	62.2	61.7	61.3	60.5	59.6	58.9
18	59.9	59.8	59.5	58.9	58.7	58.6	58.7	58.7	59.6	59.6	58.8	59.1	59.1	59.0	59.0
19	62.8	62.9	62.8	62.7	62.7	62.6	63.6	63.7	63.7	63.7	63.2	62.6	61.8	61.6	60.8
20	60.6	60.7	60.5	60.5	60.9	61.2	61.3	61.6	61.5	61.5	61.3	60.7	60.1	59.9	59.7
21	59.7	59.7	59.5	58.9	58.8	58.5	58.5	58.2	58.1	58.0	57.3	56.2	55.1	54.4	53.9
22	50.9	51.0	52.2	53.9	54.5	54.1	55.6	56.9	58.4	58.9	58.9	59.1	59.1	59.4	59.9
23	65.6	64.9	64.6	65.6	64.7	64.8	64.7	65.0	65.0	65.4	65.6	65.2	64.4	64.4	64.4
24	65.7	65.7	65.6	65.7	65.7	66.3	66.9	67.6	67.9	68.2	68.1	67.4	67.0	66.9	67.1
25	68.8	68.6	68.2	68.2	68.1	68.1	68.2	68.2	68.0	67.9	67.8	67.1	66.4	65.6	65.5
26	65.8	65.7	65.4	65.2	65.2	65.2	65.6	65.9	66.1	66.1	66.1	65.6	65.2	64.6	64.6
27	65.3	65.2	65.2	65.1	65.1	65.2	65.2	65.4	65.7	66.0	65.7	65.1	64.2	63.6	63.4
28	63.5	63.3	63.1	62.8	62.8	63.1	63.2	63.4	63.5	63.5	63.4	62.5	61.2	60.4	60.1
29	59.5	59.3	59.4	59.3	59.2	59.3	59.4	59.6	59.6	59.7	59.3	58.3	57.4	57.0	57.0
30	58.4	58.4	58.5	58.1	58.3	58.7	58.7	59.0	59.7	59.9	59.6	59.6	59.3	59.0	59.0
31	63.3	63.4	62.6	63.3	63.4	63.5	63.7	64.4	64.9	65.1	65.1	64.6	64.5	64.4	64.7
Prom	63.3	63.2	63.0	62.9	62.9	63.0	63.3	63.6	63.8	64.0	63.8	63.4	62.8	62.5	62.4

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	11.9	11.9	11.8	11.7	11.5	11.5	10.7	10.8	12.5	12.7	13.3	12.9	12.6	12.6	12.4
2	6.2	6.0	6.9	7.1	6.7	6.5	5.8	6.0	9.3	13.1	13.7	14.8	16.3	16.4	16.5
3	5.9	5.9	5.6	5.7	5.9	6.1	6.3	6.8	9.5	11.7	12.9	14.5	15.1	15.8	15.9
4	3.3	2.0	1.6	1.3	1.5	1.2	1.1	1.6	5.3	9.2	11.7	13.2	14.7	15.6	15.3
5	10.8	10.8	10.8	11.0	11.7	11.5	11.0	11.0	11.1	12.1	12.3	12.3	14.1	14.2	12.9
6	2.1	1.4	1.5	1.3	0.6	-0.2	-0.2	1.0	2.8	6.1	9.2	11.2	12.2	13.3	13.2
7	2.1	2.0	1.3	0.5	0.2	0.2	0.4	0.5	2.8	5.3	7.3	8.4	8.9	9.0	9.3
8	5.4	5.4	4.4	3.4	2.5	1.8	1.6	1.6	3.7	6.1	8.2	9.4	10.2	10.6	10.4
9	2.5	2.3	2.4	2.0	1.6	1.1	0.9	1.0	2.9	6.1	8.1	9.3	10.2	11.0	10.9
10	1.4	1.5	0.7	0.2	0.5	0.0	-0.1	0.4	4.0	7.7	9.6	10.9	11.5	11.6	11.9
11	3.3	2.4	2.4	2.5	2.6	2.7	2.4	2.8	5.1	6.7	8.9	10.8	11.3	10.9	9.6
12	0.5	0.4	0.5	0.6	0.7	0.8	0.9	1.0	3.0	5.6	7.2	8.9	9.1	9.2	8.9
13	-0.8	-0.6	-0.4	0.0	0.6	0.8	0.3	0.4	2.1	4.2	6.1	7.3	8.1	8.9	8.1
14	-1.7	-1.7	-1.7	-1.6	-1.4	-1.2	-1.2	-1.2	3.1	7.0	8.8	9.7	10.1	10.0	10.4
15	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	3.0	5.2	7.8	8.8	9.3	10.0	9.8
16	5.5	5.5	6.4	6.4	6.3	6.1	6.2	7.5	8.6	9.8	12.0	13.4	14.1	14.5	14.7
17	11.8	11.9	11.9	11.9	11.9	11.9	11.9	12.4	12.7	12.8	13.1	13.4	14.2	14.4	15.1
18	14.6	14.6	14.5	14.1	14.0	14.0	13.9	14.0	13.9	13.2	13.1	13.4	13.4	13.3	13.0
19	11.2	10.9	10.7	10.5	10.4	10.3	10.0	9.6	9.7	10.0	11.2	12.5	12.6	13.5	13.5
20	14.9	14.8	14.8	15.4	15.6	15.8	15.8	16.8	17.8	18.2	21.3	23.5	24.6	24.8	24.5
21	16.0	16.0	16.0	16.1	16.5	16.0	15.5	15.6	16.1	17.7	19.5	21.7	21.7	21.4	20.9
22	18.0	18.0	17.6	15.6	14.5	14.0	13.6	13.4	13.2	13.1	13.7	15.3	16.4	17.9	17.5
23	7.3	6.7	6.8	6.7	6.7	6.8	6.9	7.0	7.9	10.7	12.7	13.1	13.9	14.0	13.9
24	4.7	4.6	3.7	2.6	2.1	2.1	2.2	2.4	4.9	7.1	9.7	12.5	14.6	15.5	15.2
25	3.9	2.8	2.4	1.7	1.7	1.3	0.9	2.4	8.8	12.7	14.2	15.1	15.8	16.6	16.9
26	3.0	1.7	1.6	1.9	1.4	1.0	1.2	5.0	9.0	12.2	14.3	15.3	16.0	16.6	16.8
27	5.7	5.6	5.5	3.7	4.7	4.8	4.2	5.6	6.1	10.9	13.1	14.9	15.6	16.8	16.6
28	6.4	5.9	6.4	6.6	6.5	6.6	6.4	7.2	10.1	12.2	14.0	15.6	16.6	17.4	17.9
29	10.1	10.1	10.0	9.7	9.2	9.0	9.0	10.0	11.5	12.7	13.7	15.4	16.4	16.6	16.6
30	9.[illegible]	[illegible]	[illegible]	[illegible]	6.2	6.2	6.8	7.4	9.0	10.1	10.0	11.3	12.0	13.5	13.3
31	6.3	5.3	4.7	5.5	6.1	6.4	6.5	6.6	6.6	6.8	7.6	8.7	8.7	8.8	8.6
Prom	6.6	6.3	6.1	5.9	5.8	5.7	5.6	6.1	7.9	10.0	11.6	12.8	13.6	14.0	13.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
52.3	51.9	52.8	53.6	53.8	54.2	54.4	54.8	55.5	55.5	24	50.2	5	5.3	752.2 mm.	1002.9 mb.
56.0	56.3	56.8	57.0	57.4	57.6	57.8	57.8	57.8	57.8	22-24	55.3	4	2.5	56.6	1008.8
58.1	58.4	59.2	59.4	60.0	60.4	61.1	61.2	61.2	61.2	23-24	57.0	5	4.2	58.5	1011.3
55.7	55.5	55.6	54.9	54.8	54.1	53.8	54.0	53.9	61.2	1	53.8	52	7.4	57.7	1010.2
58.3	59.3	60.3	61.2	61.4	61.6	62.3	62.5	62.9	62.9	24	52.2	3,5	10.7	56.6	1008.8
61.4	61.4	61.7	61.9	62.0	62.0	62.2	62.2	62.2	63.7	9-10	61.1	14-15	2.6	62.4	1016.5
62.8	62.9	63.5	63.7	64.1	64.4	64.4	65.0	65.5	65.5	24	61.8	4	3.7	63.3	1017.7
68.4	68.6	69.3	69.7	70.3	70.4	70.8	71.3	71.5	71.5	24	65.6	1	5.9	68.5	1024.6
70.1	69.9	69.7	69.5	69.5	69.7	69.3	69.3	69.2	72.1	10	69.2	24	2.9	70.7	1027.6
65.8	65.3	65.3	65.2	65.0	64.3	63.9	63.3	63.2	69.2	1-2,7-8	63.2	24	6.0	67.0	1022.6
61.1	61.5	62.3	63.0	63.1	63.8	64.0	64.3	64.9	64.9	24	59.9	12-13	5.0	61.8	1015.7
71.1	71.3	71.8	72.2	72.6	73.0	73.3	73.6	73.8	73.8	24	65.1	1	8.7	69.9	1026.5
74.0	74.2	74.3	74.3	74.5	74.7	74.8	74.7	74.6	75.6	11	73.4	4-6	2.2	74.3	1032.4
70.3	70.3	70.8	70.9	71.0	71.1	71.3	71.6	71.7	74.0	1	70.3	16-17	3.7	72.0	1029.3
69.0	69.0	69.6	69.8	69.6	69.5	69.3	68.9	69.1	71.9	10-11	69.0	16-17	2.9	70.4	1027.2
63.8	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	69.7	1	63.5	17-23	6.2	66.0	1021.3
58.8	58.9	59.6	60.1	60.0	60.0	59.9	59.8	60.1	62.9	1	58.8	16	4.1	60.8	1014.4
59.3	59.9	60.3	61.1	61.8	62.0	62.0	62.2	62.6	62.6	24	58.6	6	4.0	59.9	1013.2
60.6	60.8	60.5	60.5	60.5	59.9	60.1	60.4	60.5	63.7	8-10	59.9	21	3.8	61.9	1015.8
59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.7	61.6	8	59.7	15-16,24	1.9	60.4	1013.8
53.2	52.9	52.8	52.5	52.3	52.2	52.1	51.8	51.1	59.7	1-2	51.1	24	8.6	55.6	1007.4
60.4	61.1	62.1	63.6	64.0	64.8	64.9	65.5	65.7	65.7	24	50.9	1	14.8	59.0	1012.0
64.2	64.3	64.8	64.7	64.9	65.1	65.4	65.6	65.6	65.6	1,4,11,24	64.2	16	1.4	65.0	1020.0
67.4	67.9	68.3	68.5	68.8	69.0	69.2	69.2	68.8	69.2	22-23	65.6	3	3.6	67.4	1023.2
65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.7	65.8	68.8	1	65.5	15	3.3	66.9	1022.5
64.6	65.1	65.3	65.2	65.2	65.2	65.2	65.3	65.4	66.1	9-11	64.6	14-16	1.5	65.4	1020.5
63.5	63.4	63.5	63.8	64.0	64.2	64.3	64.2	64.1	66.0	10	63.4	15,17	2.6	64.6	1019.4
60.0	60.0	60.0	60.0	59.6	59.4	59.5	60.0	60.1	63.5	1,9-10	59.4	21	4.1	61.6	1015.4
56.9	57.0	57.3	57.4	57.6	57.7	57.8	58.4	58.5	59.7	10	56.9	16	2.8	58.4	1011.2
59.7	60.6	60.9	61.6	61.6	61.8	61.8	62.5	62.6	62.6	24	58.1	4	4.5	59.9	1013.2
65.0	65.2	65.7	66.2	66.4	66.5	66.4	66.7	66.3	66.7	23	63.3	1,4	3.4	64.8	1019.7
62.5	62.6	63.0	63.2	63.4	63.5	63.6	63.7	63.8	65.6		61.0		4.6	63.2	1017.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.3	11.2	9.6	8.7	7.4	6.7	5.9	3.9	4.5	13.3	11	3.9	23	9.4	10.5
16.3	14.3	11.0	8.6	7.0	6.5	6.7	6.8	5.7	16.5	15	5.7	24	10.8	9.8
14.9	13.0	10.9	9.4	8.2	7.9	7.0	5.8	5.6	15.9	15	5.6	3,24	10.3	9.4
14.0	12.7	11.1	10.4	10.3	10.3	10.5	10.5	10.7	15.6	14	1.1	7	14.5	8.3
11.6	10.6	9.1	7.1	5.5	4.6	3.5	2.4	2.5	14.2	14	2.4	23	11.8	9.8
12.2	10.2	8.1	6.9	5.0	5.0	4.0	3.9	3.1	13.3	14	-0.2	6-7	13.5	5.6
9.9	8.2	6.8	6.4	6.2	6.0	5.0	4.3	5.0	9.9	16	0.2	5-6	9.7	4.8
9.9	8.9	7.6	6.2	5.2	5.3	5.2	4.4	3.7	10.6	14	1.6	7-8	9.0	5.9
10.7	8.5	6.2	4.7	2.7	1.8	1.2	1.5	1.8	11.0	14	0.9	7	10.1	4.6
11.7	9.7	7.2	4.8	3.1	2.9	2.8	3.0	3.2	11.9	15	-0.1	7	12.0	5.0
8.7	7.6	6.1	3.9	2.5	1.6	1.0	1.0	1.0	11.3	13	1.0	22-24	10.3	4.9
8.0	6.6	5.1	3.6	2.6	0.7	-0.2	-0.3	-0.8	9.2	14	-0.8	24	10.0	3.4
7.8	6.5	4.3	2.6	-0.4	-0.9	-1.7	-1.4	-1.6	8.9	14	-1.7	22	10.6	2.5
9.3	6.9	5.4	3.3	1.6	1.1	1.2	1.3	1.4	10.4	15	-1.7	1-3	12.1	3.3
9.6	8.8	8.4	7.9	7.6	6.6	6.3	5.5	5.5	10.0	14	1.5	1	8.5	5.6
14.3	13.0	11.9	11.9	12.4	12.2	12.0	11.9	11.8	14.7	15	5.5	1-2	9.2	10.4
15.2	15.1	14.9	14.1	14.1	14.2	14.1	14.1	14.9	15.2	16	11.8	1	3.4	13.4
13.0	12.9	12.6	12.2	12.0	12.0	11.6	11.5	11.4	14.6	1-2	11.4	24	3.2	13.2
13.5	13.4	12.6	12.6	12.6	12.7	13.6	13.6	14.5	14.5	24	9.6	8	4.9	11.9
23.4	22.0	20.5	19.2	18.4	18.4	18.1	17.6	16.6	24.8	14	14.8	2-3	10.0	18.9
20.7	20.7	20.7	20.7	20.8	20.2	19.9	19.5	18.7	21.7	12-13	15.5	7	6.2	18.7
17.3	15.3	12.8	11.9	9.4	9.3	8.3	7.4	7.6	18.0	1-2	7.4	23	10.6	13.8
12.8	10.7	8.5	7.2	6.3	6.3	5.5	5.4	4.7	14.0	14	4.7	24	9.3	8.7
14.7	12.7	10.2	8.5	7.4	7.4	6.5	6.2	4.7	15.5	14	2.1	5-6	13.4	7.6
16.3	13.9	11.3	8.9	6.8	6.0	6.1	6.2	4.1	16.9	15	0.9	7	16.0	8.2
16.4	14.4	12.2	10.2	8.8	8.2	7.4	6.1	6.2	16.8	15	1.0	6	15.8	8.6
16.2	14.1	11.7	9.5	8.6	8.1	7.7	6.3	6.3	16.8	14	3.7	4	13.1	9.3
17.4	15.3	12.8	11.9	12.0	12.0	11.7	11.1	10.2	17.9	15	5.9	2	12.0	11.3
16.5	15.7	13.2	12.2	9.6	8.4	8.2	9.5	9.6	16.6	14-15	8.2	22	8.4	11.8
12.7	11.9	10.4	9.9	9.0	8.4	8.0	7.7	7.0	13.5	14	6.1	4	7.4	9.2
8.4	7.5	6.4	5.4	5.1	4.6	4.7	4.4	2.4	8.8	14	2.4	24	6.4	6.3
13.4	12.0	10.3	9.1	8.0	7.6	7.1	6.8	6.5	14.2		4.2		10.1	8.9

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	8.5	8.5	8.5	8.5	8.5	8.5	8.9	8.5	8.5	9.0	9.5	8.5	8.6	7.6
2	6.8	6.8	7.2	7.2	7.0	7.0	6.6	6.8	6.6	7.0	7.2	7.2	7.2	6.5	6.6
3	6.4	6.4	6.2	6.2	6.4	6.0	5.8	6.1	6.4	5.8	6.4	6.4	6.6	6.9	6.4
4	5.2	5.0	5.0	4.8	4.8	4.8	4.8	5.0	5.4	6.2	6.4	6.4	6.4	6.5	6.2
5	7.4	7.4	7.4	7.0	6.4	7.2	7.4	7.4	7.6	7.6	7.2	7.2	5.6	5.2	5.2
6	4.4	4.4	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.6	3.4	3.8	3.6
7	4.0	4.0	4.0	4.0	4.0	3.8	3.6	4.3	4.0	4.8	5.0	5.4	4.8	5.4	4.6
8	5.2	5.2	5.0	5.0	5.0	4.8	4.6	4.6	4.8	5.0	5.4	5.0	4.8	5.3	4.8
9	5.2	5.2	5.2	4.8	4.6	4.4	4.4	4.4	4.6	5.0	5.0	4.6	4.8	5.1	5.0
10	4.8	4.8	4.4	4.4	4.6	4.4	4.0	4.4	5.2	5.6	5.0	4.6	4.2	4.5	4.4
11	4.4	4.4	4.6	4.6	4.8	4.4	4.6	5.0	4.4	4.6	4.8	4.6	4.6	5.5	5.6
12	3.4	3.6	3.6	3.8	3.8	4.0	4.2	4.4	4.6	4.8	5.0	4.4	4.4	4.5	4.4
13	3.8	3.8	3.6	3.8	4.4	4.4	4.4	4.4	4.6	4.6	5.0	4.6	5.0	4.6	4.2
14	3.8	3.8	3.8	3.8	4.0	4.0	4.0	4.3	4.6	4.6	4.4	4.2	4.4	4.4	4.4
15	4.4	4.4	4.4	4.4	4.4	4.6	4.6	5.0	5.2	5.4	5.6	5.2	5.4	5.7	5.6
16	6.4	6.4	6.6	6.6	6.6	6.4	6.2	7.1	7.6	7.0	7.0	7.0	6.8	7.3	8.0
17	9.0	8.5	8.5	8.5	8.0	8.5	8.5	8.6	8.5	8.5	8.0	8.5	8.5	9.0	9.0
18	11.0	10.5	10.5	11.0	11.0	10.0	10.0	10.6	10.5	11.0	10.5	11.0	10.5	10.6	10.0
19	8.0	7.8	7.8	8.0	8.0	8.0	7.8	7.8	7.4	7.4	8.0	8.0	8.0	9.2	9.5
20	11.5	11.5	11.5	12.0	11.5	11.0	11.5	12.2	11.5	12.0	11.5	12.0	12.0	12.8	12.0
21	11.5	11.0	11.0	10.5	10.5	10.5	10.5	10.4	9.5	10.5	10.5	11.0	12.0	11.7	11.5
22	11.0	11.5	13.5	12.5	12.0	11.5	11.0	10.9	9.5	9.0	9.0	8.0	7.2	7.0	7.0
23	6.6	6.4	6.4	6.6	7.0	7.2	6.8	7.1	6.8	6.8	6.8	6.4	5.6	4.4	4.4
24	6.2	6.2	5.8	5.2	5.0	5.0	5.2	5.5	6.2	7.2	7.4	6.6	5.8	3.9	4.2
25	5.6	5.0	5.0	5.0	5.0	4.8	4.6	5.3	6.4	7.4	6.8	6.0	6.4	5.9	6.0
26	5.2	5.0	5.0	5.0	4.8	4.8	4.8	6.3	6.6	6.6	7.0	6.8	7.8	7.4	7.4
27	6.0	5.6	5.4	5.4	5.2	5.6	5.6	5.7	5.8	7.4	7.6	6.6	6.8	7.8	7.4
28	6.6	6.0	7.0	6.6	6.6	7.0	7.0	6.9	7.0	7.0	6.8	6.2	5.2	6.2	5.6
29	8.5	8.5	8.5	8.5	8.0	8.0	8.0	8.4	9.0	9.5	9.5	10.0	10.5	10.6	10.0
30	8.5	8.0	7.2	6.8	6.8	6.8	7.2	7.6	8.0	8.5	8.5	7.6	7.0	6.7	7.0
31	5.8	6.0	5.8	5.8	5.8	5.4	5.6	6.0	5.6	5.2	5.2	4.8	4.8	4.9	4.8
Prom.	6.6	6.5	6.5	6.5	6.4	6.4	6.3	6.6	6.7	6.9	7.0	6.8	6.6	6.7	6.5

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7.6	8.0	7.8	7.6	7.2	7.0	6.6	5.6	6.0	9.5	12	6.0	24	3.5	8.0
6.6	7.6	7.0	6.4	6.3	5.8	5.6	6.0	6.2	7.6	17	5.6	22	2.0	6.7
5.6	7.0	7.0	6.4	6.4	6.4	6.4	6.0	6.2	7.0	17-18	5.8	7,10	1.2	6.4
6.8	7.4	7.6	7.2	7.6	7.2	7.2	6.8	7.4	7.6	18,20	4.8	4-7	2.8	6.2
5.2	5.4	5.4	5.4	5.5	5.4	5.4	4.6	4.6	7.6	9-10	4.6	23-24	3.0	6.2
4.0	4.4	4.2	4.2	4.1	4.0	4.0	4.2	4.0	4.4	1-2,17	3.4	13	1.0	4.0
4.8	5.4	4.8	4.8	4.3	5.0	5.2	4.8	5.0	5.4	12,14,17	3.6	7	1.8	4.6
5.2	5.6	5.6	5.4	5.6	5.4	5.8	5.8	5.4	5.8	22-23	4.6	7-8	1.2	5.2
5.0	5.0	5.0	4.8	4.9	4.8	4.6	4.4	4.8	5.2	1-3	4.4	6-8,23	0.8	4.8
4.8	5.0	5.4	4.8	4.6	4.6	4.2	4.4	4.6	5.6	10	4.0	7	1.6	4.6
5.2	4.0	3.6	3.4	3.6	3.4	3.2	3.2	3.4	5.6	15	3.2	22-23	2.4	4.3
4.2	4.2	4.6	4.4	4.4	4.2	4.0	4.0	3.8	5.0	11	3.4	1	1.6	4.2
4.4	4.8	4.8	4.8	4.4	4.2	3.8	4.0	3.8	5.0	11,13	3.6	3	1.4	4.3
4.6	4.6	5.2	5.0	4.7	4.4	4.6	4.6	4.6	5.2	18	3.8	1-4	1.4	4.4
6.0	6.0	6.2	6.0	6.5	6.6	6.8	6.4	6.2	6.8	22	4.4	1-5	2.4	5.5
8.0	8.5	8.5	8.5	8.2	8.0	7.4	7.8	8.5	8.5	17-19,24	6.2	7	2.3	7.4
9.0	9.5	9.5	9.5	9.8	9.5	10.5	9.5	11.5	11.5	24	8.0	5,11	3.5	9.0
10.0	10.0	10.0	9.5	9.8	9.5	8.5	8.5	9.0	11.0	1,4-5,10,12	8.5	22-23	2.5	10.2
9.5	9.0	9.5	9.5	9.5	9.5	10.0	10.5	11.0	11.0	24	7.4	9-10	3.6	8.7
12.0	13.0	12.0	12.0	11.8	12.0	12.0	11.5	11.5	13.0	17	11.0	6	2.0	11.8
11.0	11.0	11.0	11.0	11.5	11.0	10.5	11.5	11.5	12.0	13	9.5	9	2.5	10.9
7.6	7.4	7.8	7.8	7.4	7.2	7.4	7.0	6.8	13.5	3	6.8	24	6.7	9.0
4.6	5.4	6.0	6.2	6.4	6.2	6.2	6.4	6.2	7.2	6	4.4	14-15	2.8	6.2
5.2	6.2	6.2	6.0	5.8	5.4	5.6	5.8	5.6	7.4	11	3.9	14	3.5	5.7
6.6	6.8	6.6	6.6	6.1	6.4	6.4	6.8	5.6	7.4	10	4.6	7	2.8	6.0
7.2	7.6	7.6	6.6	6.4	6.6	6.6	6.4	6.2	7.8	13	4.8	5-7	3.0	6.3
7.2	6.2	6.4	6.4	6.3	6.2	6.4	6.6	6.6	7.8	14	5.2	5	2.6	6.3
7.0	8.5	9.0	9.0	7.7	7.4	8.0	8.5	8.5	9.0	18-19	5.2	13	3.8	7.1
10.0	10.0	10.0	10.0	8.6	7.8	7.8	8.5	8.5	10.6	14	7.8	21-22	2.8	9.0
6.8	6.4	6.8	6.6	6.5	6.8	6.2	6.0	6.0	8.5	1,10-11	6.0	23-24	2.5	7.1
4.6	4.8	4.8	5.2	5.1	4.8	4.6	4.2	3.8	6.0	2,8	3.8	24	2.2	5.1
6.7	6.9	7.0	6.8	6.7	6.5	6.5	6.5	6.5	7.9		5.4		2.5	6.6

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	NE	11	NE	10	NE	6	NE	2	SE	5	SE	4	SE	4	S	5	SE	7	SE	4	SE	6	S	7	S	10	S	11	S	11
2	SW	7	SW	5	SW	5	SW	3	W	4	W	4	NW	5	W	5	W	7	W	7	W	7	W	13	W	15	W	14	W	15
3	W	9	W	10	W	10	W	13	W	12	W	13	W	15	W	13	W	15	SW	15	SW	15	SW	14	SW	15	SW	18	SW	21
4	SW	4	W	4	W	3	W	5	W	5	NW	7	NW	7	NW	8	NW	8	NW	12	NW	16	NW	21	NW	26	NW	25	NW	25
5	NW	19	NW	20	NW	18	NW	18	W	15	W	13	W	10	W	8	W	8	W	10	SW	14	SW	15	SW	17	SW	22	SW	21
6	W	10	W	11	W	8	W	10	W	9	W	11	W	8	W	12	W	13	W	12	W	18	W	27	W	26	W	24	SW	20
7	W	6	SW	4	SW	6	W	8	W	6	SW	7	SW	6	SW	5	SW	4	S	3	S	4	S	4	S	5	SW	6	W	8
8	S	8	S	9	SW	8	SW	8	SW	6	SW	8	SW	8	SW	8	SW	9	SW	11	SW	14	SW	15	SW	17	SW	13	SW	16
9	SW	4	SW	6	SW	6	SW	8	SW	8	SW	6	SW	9	SW	7	SW	8	SW	7	SW	9	SW	11	SW	9	SW	10	W	11
10	W	8	W	6	W	7	W	5	W	6	W	5	S	3	Calma	0	Calma	1	NW	5	NW	7	NW	7	NW	9	NW	12	NW	9
11	N	15	NW	13	NW	12	NW	18	NW	16	NW	16	NW	16	NW	16	W	20	W	26	W	25	SW	20	SW	21	SW	21	SW	19
12	SW	13	SW	13	SW	13	SW	14	SW	16	SW	15	SW	12	SW	10	SW	12	S	15	S	14	S	11	S	12	S	13	S	10
13	SW	9	SW	9	SW	10	S	12	S	12	S	9	S	8	SW	8	S	10	S	11	S	11	S	10	S	9	S	9	S	7
14	SW	2	SW	2	SW	6	SW	3	SW	5	S	5	S	3	SW	3	SW	2	SW	3	SW	4	SE	3	SE	5	SE	3	NE	4
15	SE	2	SE	3	E	4	E	5	E	7	E	5	SE	4	Calma	1	E	5	W	3	N	6	NE	7	NE	12	NE	11	NE	13
16	NE	4	E	5	NE	10	NE	10	NE	11	NE	12	NE	16	NE	16	NE	22	NE	19	NE	26	NE	23	NE	17	NE	15	NE	10
17	NE	19	NE	21	NE	20	NE	16	NE	4	NE	15	NE	14	NE	14	NE	13	NE	13	NE	10	NE	10	NE	9	NE	11	NE	11
18	NE	12	NE	10	NE	11	NE	11	NE	7	NE	6	NE	6	NW	6	NW	9	NW	8	NW	8	W	10	W	14	SW	11	SW	10
19	SW	5	W	5	W	3	SW	2	SW	2	S	2	SE	2	NE	4	NE	10	NE	12	NE	14	NE	11	NE	15	NE	18	E	15
20	NE	14	NE	10	NE	99	NE	9	NW	7	N	10	N	12	N	11	NE	12	NE	14	N	22	N	18	N	19	NE	2	NE	8
21	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-
22	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	SW	6	SW	6	S	9	S	8	SW	10
23	SE	5	SE	4	SE	6	SE	5	SE	6	SE	4	SE	5	SE	3	SE	6	SE	8	E	12	E	17	E	14	E	15	SE	12
24	SE	6	SE	5	SE	3	S	6	S	6	S	4	S	5	S	4	SE	5	SE	5	SE	7	SE	8	E	8	E	13	SE	9
25	Calma	1	SE	4	SE	3	SE	4	SE	2	SE	3	Calma	1	E	3	E	2	NE	7	NE	11	NE	11	E	5	E	6	E	2
26	SE	2	Calma	0	E	3	NE	2	NE	3	NE	2	NE	2	N	4	NW	7	NW	11	NW	13	NW	13	NW	15	W	12	W	12
27	NW	7	NW	6	NW	9	NW	7	NW	9	NW	9	NW	8	NW	8	NW	9	NW	10	NW	13	NW	17	NW	18	NW	17	NW	14
28	N	4	N	9	N	11	N	11	N	9	N	8	N	8	N	10	N	11	N	14	NW	14	NW	14	N	17	N	19	NE	19
29	NE	12	NE	11	NE	11	NE	9	NE	9	NE	10	NE	9	NE	6	N	13	N	12	NW	12	N	10	N	9	NW	7	W	7
30	S	3	S	4	S	2	S	3	S	4	SE	3	SE	3	Calma	0	S	2	S	2	SE	5	SE	2	SE	4	SE	5	SE	6
31	S	7	S	4	SW	7	SW	10	S	12	S	13	S	10	S	11	S	11	S	10	S	14	S	15	S	17	S	18	S	18
DIRECCIÓN PREVALENTE	SW		SW		SW		NE-SW		NW		S-NE -NW		S-NE -SE		SW		SW-NW		NE-SW W-S		W		SW		S		SW		SW	
NÚMERO DE HORAS	7		6		8		7		7		5		5		6		5		5		7		6		6		7		7	
PROM. HOR. DE LA VELOCIDAD		8		8		8		8		8		8		8		7		9		10		12		12		13		13		12

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SE	10	SE	6	S	4	S	5	SE	4	SE	3	S	2	Calma	1	SW	7	SE	10	6	23	S	14.28
W	9	W	5	NW	5	NW	4	NW	5	W	6	W	12	W	10	W	5	W	16	7	20	SW	13.04
SW	16	SW	11	SW	8	SW	6	SW	6	SW	7	SW	6	SW	5	SW	6	SW	15	12	30	W	14.20
NW	22	NW	16	NW	18	NW	18	NW	21	NW	19	NW	20	NW	20	NW	23	NW	19	15	31	NE	13.06
S	22	S	16	S	13	S	7	SW	6	SW	6	SW	4	W	9	W	10	SW-W	8	13	32	S	13.24
SW	18	SW	10	SW	8	SW	7	W	7	SW	9	SW	5	SW	7	SW	7	W	15	12	41	W	12.02
W	8	W	7	W	7	SW	5	SW	6	SW	4	SW	4	SW	4	SW	7	SW	13	6	7	SW	33.44
SW	16	SW	11	SW	9	SW	8	SW	5	SW	9	SW	6	SW	9	SW	7	SW	22	10	24	SW	12.17 13.24 14.11
W	10	W	8	N	9	N	6	W	5	W	7	W	7	W	8	W	8	SW	14	8	14	W	14.37
NW	8	NW	7	NW	6	N	10	N	10	N	11	N	10	N	17	N	15	NW	9	8	14	N	21.53
S	17	S	11	S	16	SW	11	SW	7	SW	8	SW	10	SW	12	SW	15	SW	10	16	29	W	9.30
S	13	S	7	S	5	S	5	S	7	SW	5	SW	6	SW	6	SW	6	SW	13	10	22	SW	4.45
S	8	S	5	S	3	S	3	SW	3	SW	3	W	4	W	4	W	5	S	15	8	15	S SW	9.45 13.24
E	3	NE	5	NE	5	NE	2	E	2	E	4	E	2	SE	3	SE	3	SW	9	3	5	SE	12.04
NE	12	NE	9	NE	7	NE	4	E	5	E	4	SE	5	SE	5	NE	7	NE	9	6	12	NE	14.13
NE	14	NE	10	NE	10	NE	11	NE	18	NE	18	NE	15	NE	16	NE	18	NE	23	14	32	NE	10.16
NE	13	NE	7	NE	6	NE	6	NE	8	NE	11	NE	10	NE	7	NE	13	NE	24	12	20	NE	2.09
W	10	SW	9	SW	8	SW	8	SW	5	W	5	W	6	W	4	SW	5	NE-SW	7	8	16	W	8.09 13.04
E	15	E	11	E	10	E	14	E	4	E	15	E	18	E	16	E	15	E	10	10	19	NE	13.04
NE	6	NE	8	NE	10	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	NE	11	8	26	N	10.58
a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	a/R	-	-	-	-	43	N	23.07
SW	7	S	7	S	5	S	2	SE	2	SE	4	SE	2	SE	4	S	4	S	6	3	38	N	0.01 0.28
SE	10	SE	6	SE	4	S E	3	SE	4	SE	5	SE	4	SE	5	SE	6	SE	20	7	22	E	11.52
SE	11	SE	7	SE	5	SE	5	SE	6	SE	5	SE	7	SE	4	SE	5	SE	17	6	15	E	13.32
SE	3	SE	3	E	3	E	3	E	3	E	3	NE	4	NE	4	SE	3	E	9	4	8	NE	11.04
NW	10	NW	8	NW	4	NW	7	NW	9	NW	6	NW	6	NW	5	NW	7	NW	14	7	15	NW	12.36
NW	14	NW	10	NW	8	NW	10	NW	7	NW	6	NW	5	N	5	N	5	NW	22	10	19	NW	12.32
NE	15	NE	11	NE	8	NE	8	NE	14	NE	17	NE	15	NE	17	NE	13	N	12	12	19	N NE	13.25 14.52
W	4	SW	4	E	2	E	4	E	2	Calma	1	Calma	1	S	4	S	4	NE	8	7	14	NW	14.40
S	7	SE	4	S	4	S	5	S	4	SE	2	S	7	S	11	S	9	S	14	4	23	S	22.32
S	14	S	15	S	12	S	8	SW	9	SW	8	S	9	S	14	SW	11	S	19	12	33	S	13.26
S		NE-S		S		S		SW		SW		SW		SW		SW		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
6		6		8		7		8		9		7		6		9		SW	145	9	DIRECCIÓN	DÍA	HORA
	11		8		7		7		7		7		7		8		8				W	6	de 11.45 a 12.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1			4	29			10	53	8	55	1	7					1	145
2											4	20	16	138	4	19		177
3											15	169	9	110				279
4											1	4	4	17	19	332		353
5									4	58	8	105	8	83	4	75		321
6											9	98	15	201				299
7									4	16	13	68	7	50				134
8									2	17	22	221						238
9	2	15									14	108	8	64				187
10	6	73							1	3			6	37	9	70	2	184
11	1	15							3	44	10	144	3	71	7	107		381
12									11	112	13	141						253
13									15	127	6	42	3	13				182
14			4	16	4	11	5	17	2	8	9	30						82
15	1	6	9	82	7	35	5	19					1	3			1	146
16			23	343	1	5												348
17			24	291														291
18			7	63							7	51	6	54	4	31		199
19			7	84	10	143	1	2	1	2	3	9	2	8				248
20	6	92	11	102											1	7		201
21																		
22							4	12	6	35	4	29						76
23					4	58	20	111										169
24					2	21	17	103	5	25								149
25			5	37	9	30	8	25									2	94
26	1	4	4	9	1	3	1	2					2	24	14	121	1	163
27	2	10													22	221		231
28	12	131	10	137											2	28		296
29	4	44	8	77	3	8			2	8	1	4	2	11	2	19	2	173
30							9	34	14	67							1	101
31									19	232	5	45						277
SUMAS	5	390	116	1270	41	314	80	378	97	809	145	1295	92	884	88	1030	10	6377
% PREVAL POR VELOCIDAD	6.1		19.9		4.9		5.9		12.7		20.3		13.9		16.2		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		11		8		5		8		9		10		12		1	213

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	6		4	3	7	2	4	1
1 - 2	1	5	1	4	3	6	3	5	1
2 - 3	1	6	2	3	1	8	3	5	
3 - 4	1	7	1	2	3	7	3	5	
4 - 5	1	5	1	3	4	5	3	7	
5 - 6	2	5	1	4	5	4	3	5	
6 - 7	2	5		5	5	4	4	3	1
7 - 8	3	4	1	1	3	6	4	4	3
8 - 9	2	4	2	3	3	5	4	5	1
9 - 10	2	5		3	5	4	5	5	
10 - 11	2	4	1	3	4	6	7	3	
11 - 12	2	5	1	3	5	6	5	3	
12 - 13	3	4	3	2	6	5	4	3	
13 - 14	1	5	3	2	5	7	4	3	
14 - 15		6	2	3	4	7	3	5	
15 - 16		5	2	4	6	4	4	5	
16 - 17		6	1	5	6	5	4	3	
17 - 18	1	6	3	2	8	4	5	1	
18 - 19	2	5	3	2	7	6	4		
19 - 20	1	3	5	4	2	8	4	2	
20 - 21	1	3	4	5		9	3	3	1
21 - 22	1	4	2	4	3	7	3	4	1
22 - 23	2	4	1	5	3	6	2	5	1
23 - 24	2	4	1	4	3	9	2	4	
SUMAS	35	116	41	80	97	145	92	88	10
% de frec. por dirección	5.0	16.5	5.8	11.4	13.8	20.5	13.1	12.5	1.4

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	20.1	13.1	0.57	10	0	4	
	10	18.0	13.8	0.34	10	0	5	
	12	16.0	12.9	0.25	10	0	4	
	14	19.5	13.5	0.49	10	3	5	
	15	23.2	14.0	0.75	8	3	5	
2	9	29.5	12.0	1.42	0	5	4	
	10	36.0	16.0	1.63	0	5	5	
	12	38.8	18.8	1.63	0	5	5	
	14	38.5	19.5	1.54	0	5	5	
	15	35.8	18.8	1.33	0	5	5	
3	9	31.1	13.6	1.42	0	5	5	
	10	34.7	15.4	1.57	0	5	5	
	12	38.5	18.2	1.67	0	5	5	
	14	39.0	19.4	1.59	3	5	5	
	15	34.5	17.5	1.38	1	5	5	
4	9	26.5	9.5	1.38	1	5	5	
	10	31.7	13.0	1.52	5	5	5	
	12	38.0	17.6	1.66	4	5	5	
	14	35.5	18.6	1.37	10	4	5	
	15	28.2	16.7	0.93	10	4	5	
5	9	17.0	12.0	0.41	10	0	5	
	10	16.5	12.6	0.32	10	0	5	
	12	17.5	12.3	0.42	5	0	5	
	14	37.8	18.0	1.61	3	3	5	
	15	25.2	13.7	0.93	3	3	5	
6	9	27.0	7.7	1.57	0	5	5	
	10	31.5	11.0	1.67	0	5	5	
	12	37.0	16.2	1.69	0	5	5	
	14	36.4	16.6	1.61	0	5	5	
	15	33.7	15.7	1.46	0	5	5	
7	9	14.0	5.0	0.73	8	0	5	
	10	17.5	7.5	0.81	10	0	5	
	12	17.6	9.5	0.66	10	0	5	
	14	16.0	9.5	0.53	9	0	5	
	15	30.5	12.5	1.46	1	5	5	
8	9	26.5	8.0	1.50	0	5	5	
	10	31.2	11.0	1.64	0	5	5	
	12	34.5	14.2	1.67	3	5	5	
	14	34.0	15.0	1.54	6	3	5	
	15	31.5	13.5	1.46	3	5	5	
9	9	27.3	8.2	1.55	0	5	5	
	10	32.0	11.3	1.68	0	5	5	
	12	37.0	14.6	1.82	4	3	5	
	14	34.5	14.2	1.65	0	5	5	
	15	31.5	13.3	1.48	0	5	5	
10	9	24.5	6.0	1.50	1	5	3	
	10	31.4	11.3	1.63	2	5	4	
	12	35.5	14.7	1.69	0	5	5	
	14	34.7	15.0	1.57	0	5	5	
	15	30.4	13.0	1.41	0	5	5	
11	9	27.9	9.5	1.42	0	5	3	Ne.
	10	30.8	11.7	1.55	0	5	4	Ne.
	12	34.9	15.5	1.58	0	5	5	
	14	34.5	14.7	1.61	1	5	5	
	15	29.4	13.0	1.33	4	3	5	
12	9	27.2	8.4	1.53	0	5	5	
	10	30.9	10.8	1.63	1	5	5	
	12	30.2	12.6	1.41	8	3	5	
	14	34.0	13.5	1.67	4	5	5	
	15	28.2	11.5	1.36	1	5	5	
13	9	25.0	6.5	1.50	0	5	5	
	10	30.2	9.5	1.68	0	5	5	
	12	20.2	9.0	0.91	8	3	5	
	14	36.5	14.0	1.83	8	3	5	
	15	27.9	11.0	1.37	3	3	5	
14	9	23.0	5.3	1.44	1	5	3	
	10	30.5	10.0	1.67	0	5	5	
	12	28.8	12.9	1.29	0	5	5	
	14	32.6	13.4	1.56	1	5	5	
	15	24.3	10.7	1.10	2	5	5	
15	9	10.0	4.9	0.41	10	0	2	N.
	10	14.4	7.9	0.53	10	0	2	N.
	12	18.5	10.5	0.65	10	0	5	
	14	23.7	12.0	0.95	8	3	5	
	15	15.7	10.0	0.46	10	0	5	
16	9	11.2	8.9	0.19	10	0	4	
	10	24.2	12.5	0.95	9	3	5	
	12	37.4	17.8	1.59	6	3	5	
	14	29.2	16.4	1.04	10	3	4	
	15	24.4	15.0	0.66	10	2	4	
17	9	13.0	12.0	0.08	10	0	4	
	10	14.5	14.7	0.15	10	0	4	
	12	15.6	13.4	0.18	10	0	5	
	14	16.1	14.1	0.16	10	0	4	
	15	22.6	16.0	0.54	10	0	4	Ne.
18	9				10	0	3	Ne.,LL.
	10				10	0	3	Ne.,LL.
	12	15.8	12.5	0.27	10	0	3	Ne.
	14	15.6	13.2	0.20	10	0	3	N.
	15	14.0	12.5	0.12	10	0	3	N.
19	9	13.5	10.2	0.27	10	0	3	N.
	10	18.6	11.7	0.56	10	0	3	Ne.
	12	36.8	16.6	1.64	3	3	4	Ne.
	14	30.2	15.9	1.16	7	1	3	Ne.
	15	28.0	15.5	1.01	2	4	3	Ne.
20	9	18.7	16.4	0.19	10	0	3	Ne.
	10	26.5	19.5	0.57	9	0	3	Ne.
	12	40.3	26.4	1.13	6	1	4	Ne.
	14	33.3	24.6	0.71	6	3	4	B.
	15	29.6	23.5	0.50	8	1	4	B.
21	9	28.0	18.3	0.79	10	1	3	
	10	30.6	20.0	0.86	10	2	4	
	12	39.2	24.9	1.16	10	2	5	
	14	26.0	21.5	0.36	10	0	5	
	15	24.0	20.8	0.26	10	0	5	
22	9	16.5	13.0	0.28	9	0	5	
	10	20.8	13.4	0.60	9	1	5	
	12	34.4	18.6	1.28	10	4	5	
	14	42.6	21.6	1.71	9	5	5	
	15	36.8	19.9	1.37	3	5	5	
23	9	16.2	9.2	0.57	10	1	2	N.
	10	29.9	13.9	1.30	10	2	2	N.
	12	32.5	16.1	1.33	6	5	5	
	14	35.7	17.2	1.50	0	5	5	
	15	32.7	16.2	1.34	0	5	5	
24	9	15.5	7.0	0.69	10	0	1	
	10	17.7	9.0	0.71	10	1	2	N.
	12	37.1	16.9	1.64	0	5	4	Ne.
	14	37.5	18.5	1.54	0	5	4	B.
	15	32.8	17.2	1.27	0	5	4	B.
25	9	31.9	13.6	1.49	1	5	4	Ne.
	10	36.8	16.2	1.67	1	5	4	Ne.
	12	39.5	19.0	1.67	1	5	5	
	14	39.0	19.3	1.60	0	5	5	
	15	36.1	18.6	1.42	0	5	5	
26	9	32.2	13.5	1.52	0	5	5	
	10	36.2	16.2	1.63	0	5	5	
	12	39.8	19.5	1.65	0	5	5	
	14	39.2	19.8	1.58	0	5	5	
	15	37.0	19.4	1.43	0	5	5	
27	9	30.3	12.1	1.48	0	5	4	Ne.
	10	35.2	15.6	1.59	1	5	5	
	12	39.7	19.5	1.64	0	5	5	
	14	39.5	20.2	1.53	0	5	5	
	15	36.9	19.3	1.43	0	5	5	
28	9	30.8	13.0	1.45	0	5	4	
	10	35.5	15.9	1.59	0	5	5	
	12	39.2	19.3	1.62	0	5	5	
	14	39.0	20.9	1.47	0	5	5	
	15	37.0	20.3	1.36	1	5	5	
29	9	28.8	14.3	1.18	5	3	4	
	10	32.2	16.2	1.30	2	3	4	
	12	38.0	19.4	1.51	4	3	4	
	14	25.2	17.5	0.63	9	0	4	
	15	21.0	16.0	0.41	8	0	4	
30	9	21.5	12.5	0.73	10	1	2	N.
	10	14.0	10.1	0.32	10	0	3	Ne.
	12	18.5	12.5	0.49	10	0	5	
	14	24.3	15.0	0.76	10	1	5	
	15	18.9	13.2	0.46	10	1	5	
31	9	11.4	7.0	0.36	6	1	5	
	10	15.2	8.5	0.54	10	0	5	
	12	28.5	12.6	1.29	9	0	5	
	14	23.4	11.2	0.99	8	3	5	
	15	14.7	8.9	0.47	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				0.9	0.3	0.1			0.2	0.8	1.0	0.2			3.5	9.8	36
2			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			9.0	9.8	92
3			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.1	9.8	93
4			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1				7.6	9.8	78
5			0.1	0.3	0.2			0.8	1.0	1.0	0.9	0.4			4.7	9.9	47
6			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.2	9.9	93
7				0.3	0.5			0.7	1.0	0.3					2.8	9.9	28
8			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5			8.9	9.9	90
9			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.1	9.9	92
10				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.5	9.9	86
11			0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7			8.8	9.9	89
12			0.3	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.5			8.7	10.0	87
13			0.5	1.0	1.0	1.0	1.0	0.9	1.0	0.9	1.0	0.7			9.0	10.0	90
14			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7				8.0	10.0	80
15							0.1	0.1	0.4	0.9					1.5	10.0	15
16							0.1	1.0	1.0	1.0	0.3	0.3			3.7	10.0	37
17															0.0	10.1	00
18							0.1								0.1	10.1	01
19							0.5	1.0	1.0	1.0	0.8				4.3	10.1	43
20					0.1	0.7	0.3	0.6	0.6	0.5	0.5	0.3			3.6	10.1	36
21			0.2	0.2	0.3	0.5	0.8	0.6							2.6	10.1	26
22					0.1	0.4	0.9	0.6	0.7	1.0	1.0	0.9			5.6	10.2	55
23				0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5			7.1	10.2	70
24					0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.8			6.8	10.2	67
25			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.4	10.2	92
26			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.2	94
27			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.3	93
28			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.8	10.3	95
29			0.7	1.0	1.0	0.7	0.5	0.9	1.0	0.4		0.3			6.5	10.3	63
30				0.1	0.7				0.4						1.2	10.3	12
31					0.3	0.4	0.9	1.0	1.0	1.0	0.9	0.9			6.4	10.4	62
Medias			0.3	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.4			6.3	10.0	63

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	12.7	13.2	13.0	12.0	12.4	12.3	11.3	11.5	11.6	11.8	11.9	12.0	13.5	13.5	13.5
2	11.2	13.0	12.5	10.9	12.8	12.0	10.8	10.9	11.2	11.6	11.5	11.6	13.4	13.4	13.3
3	11.2	12.6	12.4	10.6	11.5	11.7	10.6	10.6	11.1	11.4	11.3	11.5	13.3	13.2	13.1
4	10.0	12.0	12.0	9.9	11.8	11.2	10.2	10.2	10.4	11.2	10.9	11.0	13.1	12.9	12.8
5	11.8	12.4	11.8	11.0	11.4	11.3	10.4	10.6	10.8	11.0	11.1	11.2	12.8	12.8	12.7
6	9.4	11.0	10.5	9.3	10.0	10.1	9.6	9.5	9.8	10.8	10.4	10.4	12.7	12.6	12.4
7	8.7	9.9	10.0	8.5	9.1	9.3	8.8	8.8	9.0	10.0	9.8	9.6	12.2	12.0	11.9
8	8.8	10.2	10.1	8.4	9.3	9.5	8.6	8.7	9.1	9.6	9.5	9.6	11.7	11.7	11.6
9	8.5	10.2	9.6	8.2	9.1	9.2	8.5	8.5	8.9	9.5	9.3	9.4	11.5	11.5	11.3
10	7.5	9.6	9.3	7.3	8.4	8.7	7.9	7.9	8.4	9.0	8.9	9.0	11.3	11.2	11.1
11	8.2	9.7	9.3	7.7	8.6	8.7	7.8	8.0	8.6	8.8	8.8	8.9	11.0	11.0	10.9
12	7.6	9.0	8.4	7.3	8.1	8.1	7.5	7.6	7.9	8.6	8.4	8.6	10.8	10.7	10.6
13	7.1	8.7	8.1	6.7	7.7	7.8	7.1	7.2	7.4	8.2	8.1	8.2	10.5	10.4	10.2
14	6.0	8.4	8.0	6.0	7.2	7.6	6.6	6.8	7.3	7.8	7.7	7.8	10.1	10.1	9.9
15	7.4	8.8	9.0	6.9	7.7	8.1	7.0	7.1	7.5	7.8	7.8	8.0	10.0	9.9	9.9
16	8.4	12.0	10.5	7.7	8.9	9.4	7.4	7.8	8.4	8.0	8.2	8.5	10.0	10.0	10.2
17	10.4	11.0	11.6	9.6	10.0	10.5	8.6	9.0	9.3	8.9	9.1	9.3	10.4	10.5	10.7
18	11.8	12.4	12.4	10.9	11.3	11.3	9.7	10.0	10.2	9.7	10.0	10.2	10.9	11.1	11.3
19	12.1	12.8	12.8	11.1	11.6	11.8	10.2	10.2	10.4	10.4	10.2	10.4	11.5	11.6	11.6
20	13.0	15.1	15.4	12.2	13.2	13.9	10.9	11.4	12.0	11.0	11.2	11.5	12.0	12.1	12.3
21	14.6	16.0	16.0	13.4	14.1	14.6	12.2	12.4	12.8	12.0	12.1	12.4	12.8	12.9	13.1
22	15.5	15.7	14.8	14.4	14.5	14.1	13.0	13.0	13.1	12.8	12.9	13.0	13.4	13.6	13.6
23	12.4	13.5	12.5	12.0	12.5	12.2	11.8	11.6	11.7	12.4	12.0	12.0	13.6	13.6	13.6
24	10.8	12.4	12.0	10.5	11.3	11.4	10.5	10.5	12.9	11.4	11.1	11.3	13.0	12.9	12.8
25	9.6	12.0	11.8	9.5	10.8	11.2	9.9	10.0	10.6	10.9	10.6	10.8	12.6	12.5	12.4
26	9.6	12.2	11.0	9.6	10.7	11.2	9.7	9.8	10.4	11.6	10.4	10.6	12.4	12.3	12.2
27	10.0	12.3	12.0	9.6	10.8	11.2	9.6	9.8	10.4	10.5	10.4	10.6	12.2	12.2	12.1
28	10.0	12.2	12.1	9.6	10.7	11.2	9.6	9.9	10.3	10.4	10.2	10.5	12.1	12.0	12.0
29	11.2	13.4	12.8	10.4	11.6	12.0	10.0	10.2	10.8	10.5	10.5	10.8	12.1	12.1	12.1
30	11.5	12.4	12.3	10.8	11.3	11.4	10.4	10.4	10.6	10.8	10.8	10.9	12.3	12.3	12.3
31	10.9	11.4	10.9	10.2	10.5	10.3	10.0	9.9	10.0	10.6	10.4	10.5	12.2	12.0	12.1
Prom.	10.3	11.8	11.4	9.8	10.6	10.8	9.6	9.7	10.1	10.3	10.2	10.3	12.0	12.0	11.9

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1	0.0	0.0	0.0	0.0	1	0.7	0.5	0.3	0.9	F.24	20.8	19.9	22.4			7255
2					0	0.1	1.2	0.9	2.8							7295
3					0	0.7	1.2	1.0	2.5							7303
4					0	0.3	1.7	1.7	5.3							7318
5					0	1.9	1.1	1.2	2.8							7327
6	0.0	0.0	0.0	0.0	0	0.5	2.0	1.4	3.9	F.25	18.5	18.8	22.0			7344
7					0	0.5	0.6	0.7	1.9							7336
8					0	0.6	0.8	0.8	1.9							7367
9					0	0.3	0.8	0.7	2.1							7384
10					0	0.6	1.0	0.9	2.5							7360
11					0	0.6	1.4	1.0	3.1	F.26	19.1	18.3	22.5	17.7		7314
12					0	0.7	0.9	0.7	2.1							7376
13					0	0.5	0.5	0.5	1.3							7408
14					0	0.3	0.6	0.5	1.3							7391
15					0	0.2	0.7	0.7	1.6							7385
16					0	0.2	1.3	0.9	3.8	G.1	18.4	18.5	24.8			7374
17					0	1.6	0.9	0.6	2.3							7345
18	2.0	2.3	1.5	0.1	2	0.8	0.2	0.3	0.7							7348
19	8.2	8.2	7.6	7.6	2	0.2	0.6	0.5	1.8							7385
20					2	0.7	1.5	1.6	4.3							7373
21					2	1.2	1.9	2.2	6.5							7364
22	11.4	11.5	11.0	6.5	2	2.4	0.8	0.9	2.0							7360
23					2	0.3	1.0	0.9	2.0	G.2	19.9	18.3	25.9			7422
24					2	0.1	0.7	1.0	2.0							7422
25					1	0.3	1.3	0.7	2.1							7423
26					1	0.1	1.6	1.1	3.1							7403
27					0	0.4	1.5	1.4	3.2							7404
28					0	0.3	1.6	1.7	4.0	G.3	20.1	19.4	24.3			7394
29					0	0.7	0.7	0.4	1.2							7383
30					0	0.1	0.3	0.6	1.8							7390
31					0	0.9	1.0	1.0	2.5							7430
Prom.	21.6	22.0	20.1	14.2	-	0.6	1.0	0.9	2.5	-	-	-	-	-	-	7367

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
13.5	13.5	13.4	15.1	15.1	15.0	17.8	19.0	7.8	Cn. m. y t., Ca. n., r. m. y n.
13.4	13.4	13.2	14.8	15.0	14.9	17.7	19.0	-1.2	Ca. m. t. y n., r. m. y n.
13.1	13.2	13.1	14.7	14.8	14.7	17.7	19.0	-0.6	Ca. m. t. y n., r. m.
13.0	13.0	12.8	14.6	14.6	14.6	17.6	18.9	-2.7	Ca. m., Cn. t. y n., h. m.
12.8	12.8	12.8	14.6	14.6	14.5	17.6	18.9	7.2	Cn. m., Ca. t. y n., LL (gotas) m., r. n.
12.7	12.7	12.5	14.4	14.4	14.4	17.7	18.9	-6.2	Ca. m. t. y n., h. m.
12.3	12.2	12.0	14.0	14.2	14.2	17.5	18.8	-6.5	Cn. m. t. y n., h. m.
11.8	11.8	11.6	13.9	14.0	14.0	17.5	18.7	-1.7	Ca. m. y n., Cn. t., h. m.
11.6	11.6	11.4	13.7	13.8	13.8	17.5	18.8	-	Ca. m. t. y n., h. m., r. n.
11.4	11.4	11.1	13.5	13.6	13.6	17.4	18.7	-7.0	Ca. m. t. y n., h. m.
11.1	11.1	10.9	13.4	13.5	13.4	17.3	18.6	-3.0	Ca. m. t. y n., Ne. m.
10.9	10.8	10.8	13.2	13.3	13.4	17.3	18.5	-2.6	Ca. m. t. y n., Ne. m., r. n.
10.6	10.5	10.3	13.2	13.1	12.9	17.1	18.5	-3.9	Ca. m. y n., Cn. t., h. m., r. n.
10.3	10.2	10.0	12.7	12.9	12.9	17.0	18.5	-7.0	Ca. m. t. y n., h. m., r. n.
10.0	10.1	10.0	12.8	12.7	12.6	17.0	18.5	-1.3	Cn. m. t. y n., N.r. m.
10.0	10.2	10.2	12.0	12.0	12.0	17.0	18.5	-1.5	Cn. m. t. y n., r. m.
10.3	10.5	10.5	12.5	12.5	12.5	16.8	18.5	7.5	Cn. m. t. y n., CH. n.
10.8	10.9	11.0	12.5	12.7	12.7	16.7	18.5	10.8	Cn. m. t. y n., CH.Ru. m., N. t.
11.2	11.3	11.4	12.8	12.7	12.7	16.7	18.4	8.4	Cn. m. y t., Ca. n., N. m., Ne. t.
11.7	12.0	12.0	12.9	12.9	12.8	16.5	18.4	10.5	Cn. m. y t., Ca. n., Ne. m., B. t., Jl. n.
12.4	12.6	12.7	13.0	13.1	13.0	16.5	18.3	11.6	Cn. m. t. y n.
12.9	13.2	13.2	13.1	13.1	13.2	16.5	18.3	11.5	Cn. m. y t., Ca. n., r. n., LL. madrugada.
13.3	13.3	13.3	13.3	13.4	13.4	16.4	18.3	1.7	Cn. m., Ca. t. y n., N.d.v. m., B. t., r. n.
13.0	12.9	12.6	13.3	13.4	13.4	16.3	18.2	-1.8	Ca. t. y n., N.r. m., B. t., N.r. n.
12.6	12.6	12.3	13.3	13.4	13.5	16.4	18.2	-3.1	Ca. m. t. y n., h.N. m., r. n.
12.3	12.3	12.2	13.3	13.4	13.4	16.2	18.0	-3.5	Ca. m. t. y n., N.d.v. m., r. n.
12.2	12.2	12.0	13.2	13.4	13.3	16.4	18.0	-1.4	Ca. m. t. y n., r. m. y n., Ne. m.
12.0	12.1	12.0	13.3	13.3	13.3	16.1	18.0	-2.5	Ca. m. y t., Cn. n., r. m. y n., Jl. n.
12.0	12.1	12.0	13.2	13.3	13.3	16.1	18.0	3.7	Ca. m. y n., Cn. t., r. m. y n.
12.1	12.2	12.1	13.2	12.8	13.3	16.0	18.0	2.2	Cn. m. t. y n., N.r. m.
12.1	12.1	12.0	13.1	13.1	13.1	16.2	17.9	-0.5	Cn. m. t. y n.
11.9	12.0	11.8	13.5	13.5	13.5	16.9	18.5	0.8	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	61.4	72.1	9	10	50.2	1	5	7.4	13.2	2.1	16.5	2	15	-0.2	6	6-7	7.2	9.9	74
2ª	65.7	75.6	13	11	58.6	18	6	8.8	13.4	5.1	24.8	20	14	-1.7	13 14	22 1-3	4.8	10.0	48
3ª	62.6	69.2	24	22-23	50.9	22	1	10.4	16.1	5.3	21.7	21	12-13	0.9	25	7	6.8	10.2	66
MES	63.2	75.6	13	11	50.2	1	5	8.9	14.2	4.2	24.8	20	14	-1.7	13 14	22 1-3	6.3	10.0	63

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor					Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima	Dirección Prevalente	Velocidad Media	Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	76	100	1	31	6	5.7	9.5	3.4	SW	9	36	6	28	6	12-13	41	W	6	12.02	0.0	-	-	-	-	-
2ª	80	100	13,15	48	11,14	7.0	13.0	3.2	NE	12	32	11/16	28	16	10-11	32	NE	16	10.16	10.5	8.2	19	5.0	18	10-11
3ª	78	100	24,26 29-30	29	24	7.2	13.5	3.8	SE	5	24	27-28 31	19	28	13-15	38	N	22	0.01 0.28	11.5	11.5	22	6.0	22	5-6
MES	78	100		29	24	6.6	13.5	3.2	SW	9	36	6	28	6 16	12-13 10-11	41	W	6	12.02	22.0	11.5	22	6.0	22	5-6

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
2ª	-	1	4	3	-	-	-	-	-	-	2	-	-	-	-	1	-
3ª	-	2	1	5	-	-	-	1	-	-	-	-	-	-	2	-	-
MES	-	3	5	8	-	-	-	2	-	-	2	-	-	-	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	5	6	-	-	-	-	-	-	-	-	-	4	1	2	-	-
2ª	5	2	-	-	-	-	-	-	1	-	-	2	4	3	-	-
3ª	9	1	-	-	-	-	-	-	1	-	-	3	3	-	-	-
MES	19	9	-	-	-	-	-	-	2	-	-	9	8	5	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II AGOSTO 1947 Nº. 8

RESUMEN MENSUAL

Con el 1.° del mes (uno de los días más fríos del año) se inicia una década de buen tiempo típicamente invernal. Las temperaturas máximas y mínimas oscilan alrededor de los 15.0°C y del punto de congelación respectivamente. La tensión del vapor se mantiene en su valor normal entre 5 y 7 mm. Vientos suaves y variables con poca nubosidad en las altas capas atmosféricas son también características de este decenio. Una lluvia inapreciable de 2 mm. ocasionada por el pasaje de un frente poco activo, se registra el 9 por la tarde.

Al comenzar la segunda década continúa este tiempo, bajando luego el 12 la temperatura hasta el valor mínimo mensual de -4.5°C. A partir de dicho día, comienza a soplar un ligero viento del sector N, el que paulatinamente va incrementando la temperatura hasta el 15, día en que se registra la máxima del mes con 24.5°C. Una masa de aire fresco hace que el 16 descienda nuevamente la temperatura a los valores normales de la estación, aunque por breve tiempo, ya que al día siguiente cambia el viento al sector N produciendo un nuevo aumento termométrico; en los últimos tres días de esa década la temperatura es superior a los 20.0°C. Tal día alcanza la tensión del vapor su valor máximo con 13.1 mm. y el cielo se cubre de nubes.

En la tercera década finaliza el período invernal. Es dable destacar en efecto, que por última vez en este invierno, el día 31, se registra una marca termométrica por debajo del punto de congelación (-4.3°C), así como que durante un lapso de casi una semana el promedio diario de la misma resulte ser inferior a 10.0°C. La corriente de aire frío que llegara el 21 del sector S, gira el día siguiente hacia el SE, para continuar luego soplando hasta el 28 desde el sector E, vale decir desde el mar. Características de estos días son, en consecuencia, la gran nubosidad y la alta humedad relativa reinante; caen asimismo ligeras lluvias el 25 y el 26.

Como en el mes anterior, también en este, el promedio de la presión resulta en más de 2 mb superior a la normal; la temperatura empero es casi 1.0°C inferior al mismo valor.

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	60	50	50	38	28	20	68	114	151	190	171	144	124	116	124
2	38	68	48	48	48	52	50	60	86	124	175	136	84	80	80
3	62	64	62	64	64	70	56	56	94	120	147	108	78	68	44
4	108	108	124	114	44	68	72	104	157	163	179	157	96	88	-
5	50	48	48	54	60	68	76	108	136	144	167	147	104	92	82
6	88	94	120	104	96	82	72	114	159	173	124	90	92	98	96
7	144	92	88	90	92	108	92	76	114	84	146	214	219	216	225
8	62	60	-	-	-	-	-	179	182	188	+∞	212	218	202	214
9	48	52	40	36	22	24	22	18	26	20	26	44	54	48	±∞
10	38	40	44	48	36	40	20	38	68	92	108	108	96	90	76
11	58	52	56	56	66	68	91	102	171	96	74	92	102	96	84
12	80	112	140	118	-	-	-	+∞	+∞	188	186	196	188	140	-
13	50	50	58	48	48	52	64	96	112	118	134	149	136	151	138
14	58	56	- 4	- 2	12	24	22	56	66	112	112	94	104	147	114
15	46	46	38	38	112	82	98	64	72	126	102	116	78	58	108
16	20	8	14	46	50	56	58	84	100	80	84	94	84	84	88
17	78	102	179	108	12	24	80	-	84	78	92	106	-	-	82
18	34	34	26	24	48	80	132	169	28	136	144	122	126	96	108
19	34	30	10	16	10	22	48	62	36	-16	-46	12	-28	-82	84
20	74	40	28	12	10	20	28	16	-10	28	50	16	20	16	26
21	-	-	-	-	-	-	-	34	30	54	50	54	64	61	64
22	74	66	66	74	76	110	130	171	237	171	167	147	72	80	76
23	147	144	142	163	155	151	149	128	100	157	+∞	159	78	56	56
24	144	82	108	116	72	70	66	84	136	136	147	155	136	82	92
25	-	-	-	-	-	-	-	14	28	24	34	-	-	-	-
26	26	80	62	44	52	46	-70	56	159	179	136	66	58	6	0
27	-	-	-	-	-	-	-	122	149	151	128	140	68	68	38
28	22	20	17	19	16	12	-	-	-	-	56	84	98	32	16
29	16	16	20	20	16	18	20	40	26	28	28	24	24	26	26
30	14	18	16	12	14	33	24	22	14	- 8	- 8	28	42	41	65
31	60	42	36	49	49	54	57	72	84	94	78	74	64	62	60
Prom.	48.0	43.7	38.0	41.9	49.6	56.2	68.0	88.5	100.8	113.6	112.4	106.0	90.7	89.5	87.2

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	6.40	8.54	14.93	0.75	13.92	12.90	26.81	1.09	0.40	0.59	0.99	0.68	1.19	1.10	2.29	1.08
2	6.15	6.78	12.93	0.91	2.01	3.67	5.68	0.56	0.53	0.65	1.18	0.81	0.24	0.38	0.62	0.63
3	3.13	5.03	8.16	0.63	4.67	6.31	10.98	0.74	0.38	0.42	0.80	0.90	0.63	0.68	1.31	0.93
4	4.26	5.99	10.25	0.70	7.74	9.23	16.96	0.85	0.51	0.53	1.04	0.96	0.81	1.06	1.87	0.76
5	4.20	4.74	8.94	0.87	8.00	6.32	14.31	1.26	0.54	0.52	1.06	1.04	0.71	1.15	1.86	0.62
6	4.81	6.97	11.78	0.70	7.90	8.75	16.65	0.90	0.54	0.71	1.25	0.76	0.81	1.09	1.90	0.74
7	4.90	4.76	9.66	1.03	5.19	4.88	10.07	1.06	0.87	0.55	1.42	1.58	0.68	0.71	1.39	0.96
8	4.07	4.49	8.56	0.88	7.17	6.35	13.52	1.13	0.44	0.41	0.85	1.07	0.92	0.86	1.78	1.07
9	5.31	7.62	12.93	0.69	-	-	-	-	0.62	0.72	1.34	0.86	0.38	0.34	0.72	1.12
10	8.03	10.51	18.54	0.77	13.88	14.08	27.96	0.98	0.65	0.71	1.36	0.92	1.29	1.46	2.75	0.88
11	9.37	13.86	23.23	0.67	11.06	10.80	21.86	1.02	0.70	1.17	1.87	0.60	1.18	1.12	2.30	1.05
12	4.81	6.72	11.53	0.72	6.61	7.93	14.54	0.84	0.63	0.73	1.36	0.86	0.82	1.11	1.93	0.74
13	2.99	5.24	8.23	0.58	2.90	2.61	5.51	1.15	0.52	0.60	1.12	0.87	0.35	0.40	0.75	0.88
14	4.26	5.60	9.86	0.76	3.05	3.10	6.15	1.00	0.56	0.80	1.36	0.70	0.38	0.45	0.83	0.84
15	4.96	5.22	10.18	0.96	5.18	3.77	8.95	1.38	0.45	0.55	1.00	0.82	0.66	0.63	1.29	1.05
16	8.05	8.39	16.44	0.96	11.00	10.46	21.47	1.05	0.81	0.79	1.60	1.02	1.18	1.31	2.49	0.90
17	6.68	6.49	13.17	1.02	6.65	5.98	12.63	1.10	0.74	0.88	1.62	0.84	0.86	0.85	1.71	1.01
18	2.17	4.53	6.70	0.48	2.96	3.84	6.71	0.78	0.41	0.40	0.81	1.02	0.39	0.45	0.84	0.87
19	3.89	5.06	8.95	0.76	2.79	3.03	5.82	0.92	0.54	0.65	1.19	0.83	0.36	0.33	0.69	1.09
20	2.51	5.93	8.44	0.42	4.69	7.72	12.41	0.61	0.35	0.53	0.88	0.66	0.47	0.52	0.99	0.90
21	9.97	15.98	25.95	0.62	7.41	8.19	15.60	0.90	1.23	1.90	3.13	0.65	1.10	1.25	2.35	0.88
22	3.27	4.84	8.11	0.69	1.28	3.36	4.64	0.38	0.34	0.36	0.70	0.94	0.38	0.30	0.68	1.27
23	3.20	3.15	6.35	1.02	10.13	8.68	18.81	1.17	0.35	0.82	1.17	0.43	1.22	1.30	2.52	0.94
24	5.32	5.87	11.19	0.88	-	-	-	-	0.48	0.68	1.16	0.70	0.17	0.15	0.32	1.13
25	5.36	8.50	13.87	0.63	3.94	4.55	8.50	0.85	0.36	0.58	0.94	0.62	0.36	0.36	0.72	1.00
26	3.86	7.22	11.08	0.54	8.38	9.82	18.20	0.85	0.45	0.72	1.17	0.62	0.94	1.06	2.00	0.89
27	4.86	8.18	13.04	0.60	7.27	9.79	17.06	0.74	0.67	1.15	1.82	0.58	1.05	1.31	2.34	0.80
28	8.01	12.87	20.89	0.62	5.01	10.02	15.03	0.49	0.24	0.30	0.54	0.80	0.63	0.82	1.45	0.77
29	11.47	12.36	23.82	0.93	6.82	13.35	20.17	0.51	0.95	0.99	1.94	0.96	0.85	1.09	1.94	0.78
30	-	-	-	-	10.88	10.19	21.08	1.07	1.31	1.21	2.52	1.08	1.16	1.03	2.19	1.13
31	11.34	11.20	22.54	1.01	11.82	11.21	23.03	1.06	0.68	0.98	1.66	0.69	0.88	1.13	2.01	0.78
Prom.	5.59	7.42	13.01	0.76	6.91	7.62	14.52	0.91	0.59	0.73	1.32	0.83	0.74	0.83	1.58	0.92

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
112	96	126	106	130	128	108	88	58	100.0	223	8	215	0
128	140	122	146	+∞	+∞	124	124	76		∞	-14	-	1*
48	65	74	98	132	124	82	100	155	84.4	221	16	205	0
-	-	-	147	159	104	60	52	44		218	6	212	0*
86	-	102	153	182	+∞	96	104	88		∞	0	-	0*
104	106	153	182	198	+∞	+∞	+∞	114		∞	20	-	0*
-	-	126	48	24	-	-	-	-		∞	-30	-	2*
194	-	-	-	-	-	140	56	48		∞	8	-	0*
±∞	40	58	64	66	62	24	24	36		∞	-∞	-	3*
76	88	92	76	64	62	64	60	58	65.9	130	-64	194	1
88	100	102	116	116	88	84	92	88	89.1	208	42	166	0
-	-	128	181	155	+∞	96	70	60		∞	-14	-	1*
132	104	90	96	124	112	94	108	72	97.3	∞	0	-	0
153	94	94	128	72	76	40	64	56	72.8	∞	-16	-	1
110	132	80	58	52	46	58	54	42	74.8	208	-10	218	1
78	98	96	98	78	80	92	84	88	72.6	198	-28	226	1
94	112	112	94	96	60	55	56	34		∞	-128	-	2*
120	124	140	132	57	65	33	16	32	84.4	∞	-18	-	1
-	163	70	64	82	-	84	116	72		208	-155	363	2*
16	22	24	-	-	-	-	-	-		102	-22	124	2*
67	-	-	-	153	147	130	84	90		169	-77	246	2*
138	108	144	116	80	134	153	151	147	120.3	∞	-104	-	1
62	74	80	124	221	147	159	+∞	190		∞	-36	-	1*
-	-	-	-	-	-	-	-	-		218	-42	260	1*
-	-	-	-	-	-	-	±∞	±∞			-∞	-	3*
100	108	88	78	120	100	40	34	20		221	-237	458	2
64	48	28	16	30	28	16	16	14		210	- 8	218	1*
16	-	-	-	52	52	34	28	20		171	-34	205	2*
24	28	32	26	20	14	8	- 8	8	20.8	56	-32	88	1
64	88	84	92	90	76	80	66	70		128	-58	186	2
70	72	60	88	70	86	74	46	26	63.6	128	0	128	0
95.8	91.7	94.2	94.8	82.9	84.6	74.2	71.2	69.2	78.8				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
169	147	108	4.85	8.24	1324	1723	3047	0.77	-	1.10
173	153	126	6.02	2.60	616	471	1087	1.31	0.88	-
110	144	50	3.84	2.18	589	266	855	2.21	0.60	0.90
182	92	-	3.19	-	1362	1014	2376	1.34	0.98	1.53
173	159	92	5.62	5.70	960	742	1702	1.29	-	0.70
100	90	106	3.75	6.71	1121	1067	2188	1.05	0.69	-
78	88	-	4.16	-	1000	853	1853	1.17	0.36	1.45
-	214	206	6.06	12.22	800	807	1607	0.99	-	-
36	36	±∞	1.61	-	637	664	1301	0.96	0.99	1.59
104	108	74	4.90	6.78	1415	1457	2872	0.97	0.56	-
76	78	90	4.86	6.90	924	861	1785	1.07	-	-
184	202	-	9.16	-	983	679	1662	1.45	0.80	0.91
132	144	128	5.38	3.20	507	276	783	1.84	0.87	-
84	92	167	4.17	4.62	433	168	601	2.58	-	-
92	116	130	3.87	5.59	283	356	639	0.79	-	0.92
90	96	80	5.12	6.64	1459	1517	2976	0.96	0.62	0.41
88	102	90	5.51	5.13	677	740	1417	0.91	-	-
132	120	126	3.24	3.53	517	134	651	3.86	-	-
-52	-18	-	-0.71	-	930	532	1462	1.75	2.19	0.60
76	10	14	0.29	0.46	501	-	501	-	0.42	-
28	52	64	5.42	5.01	740	599	1339	1.24	-	-
159	155	147	3.62	3.33	-	-	-	-	-	-
-	196	68	7.64	5.71	528	287	815	1.84	-	0.80
153	151	-	5.84	-	909	1136	2045	0.80	-	0.68
24	-	-	-	-	-	-	-	-	-	-
142	110	98	4.29	6.53	576	471	1047	1.22	-	0.71
128	132	56	8.01	4.37	991	1044	2035	0.95	-	-
68	68	-	1.22	-	752	360	1112	2.09	1.55	-
30	24	28	1.55	1.81	750	1000	1750	0.75	-	0.49
0	18	84	1.51	6.13	-	-	-	-	-	-
78	72	66	3.98	4.42	-	-	-	-	-	-
97	105	95	4.26	5.12	825	739	1537	1.39	0.88	0.91

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	66.1	65.9	65.3	65.1	64.9	65.0	65.2	65.2	65.2	65.3	65.2	64.2	64.1	63.4	63.3
2	61.6	61.3	60.4	60.1	59.6	59.5	59.5	59.4	59.2	58.8	58.3	56.9	55.7	55.2	54.3
3	56.7	56.6	56.1	55.9	55.7	55.2	55.8	55.5	55.7	56.0	56.1	55.6	55.4	55.2	55.2
4	58.5	58.6	58.8	59.6	59.5	59.6	59.9	60.8	61.3	61.8	62.0	61.8	61.5	61.1	61.0
5	63.8	63.8	63.6	63.5	63.5	63.7	64.4	64.8	65.2	65.3	65.3	64.7	64.2	63.9	63.9
6	66.3	66.2	66.2	65.9	65.9	66.1	66.4	66.9	67.0	67.3	67.3	67.1	66.7	66.5	66.5
7	68.4	68.2	68.2	67.6	68.1	68.3	68.6	69.0	69.0	68.9	68.8	68.0	67.8	66.9	66.6
8	67.3	67.1	67.0	67.0	67.1	67.2	67.4	67.4	67.9	67.6	66.9	66.1	65.7	65.1	64.5
9	63.9	63.3	63.2	63.2	63.2	63.2	63.4	63.5	64.2	64.0	63.5	63.3	62.4	62.0	62.2
10	62.7	62.5	62.3	62.3	62.3	62.5	63.1	63.6	63.7	64.3	64.4	63.5	63.3	63.2	63.1
11	68.1	68.2	68.2	68.1	68.2	69.0	69.5	70.5	70.8	71.0	71.1	70.8	70.7	70.2	70.1
12	71.8	71.7	71.5	71.5	71.5	71.5	71.2	71.5	71.5	71.5	71.2	70.4	69.4	68.6	67.8
13	66.8	66.4	66.2	65.8	65.7	65.6	65.7	66.2	66.2	66.2	66.1	65.2	64.0	63.3	62.6
14	62.6	62.5	62.1	62.0	61.8	62.0	62.0	62.2	62.2	62.0	61.4	60.7	59.5	59.0	58.3
15	59.2	58.4	57.5	57.2	57.2	57.2	57.2	57.2	56.9	56.6	56.2	55.2	54.5	53.8	53.4
16	58.9	59.1	59.2	59.9	60.9	61.9	62.8	63.9	64.7	65.4	65.5	65.3	64.8	64.6	65.1
17	65.3	65.0	64.6	64.1	63.9	63.5	63.4	63.4	63.3	63.1	62.5	61.9	60.7	59.5	58.9
18	56.8	56.7	56.6	56.3	56.1	56.6	56.6	56.6	56.4	56.1	55.6	54.9	53.8	52.8	52.7
19	54.1	54.0	53.8	53.8	53.9	54.8	55.6	56.1	56.4	56.7	56.8	56.7	56.5	56.6	56.6
20	57.4	57.3	56.5	56.1	56.1	56.1	56.2	56.1	55.6	55.3	54.7	54.3	53.7	53.4	53.5
21	58.9	58.9	59.8	59.9	60.3	61.0	61.9	62.9	63.4	63.6	64.0	63.9	63.0	62.8	62.9
22	67.0	66.9	66.5	66.4	66.4	67.1	67.3	67.8	67.8	67.8	67.8	67.5	66.8	66.6	65.9
23	67.8	67.8	67.6	67.0	67.1	67.6	67.7	68.6	68.7	68.7	68.6	68.2	67.5	67.5	67.5
24	70.4	70.4	70.2	70.2	70.0	70.3	70.6	71.4	71.6	72.0	71.8	71.4	70.5	69.7	69.4
25	71.7	71.6	71.3	71.2	71.1	71.1	71.1	71.2	71.3	71.5	71.5	71.4	70.5	69.8	69.7
26	69.9	69.5	69.3	68.9	68.9	69.0	68.8	68.7	68.8	68.8	68.7	68.1	67.5	66.8	66.6
27	65.6	65.1	64.7	64.0	64.0	63.9	63.9	64.6	64.3	64.0	63.8	63.0	62.7	62.0	61.6
28	60.0	59.8	59.7	59.7	59.8	59.8	60.1	60.1	59.6	59.4	59.2	58.3	57.5	57.2	57.0
29	56.3	56.2	55.6	55.5	55.5	56.2	56.3	56.4	56.6	56.7	56.5	56.5	55.6	55.2	54.7
30	57.3	57.1	56.7	57.8	58.6	59.0	60.0	61.0	61.4	61.7	62.5	62.2	62.0	62.4	63.0
31	67.4	67.2	67.1	67.0	67.0	67.0	67.3	67.4	67.3	67.2	67.1	66.5	65.6	64.8	64.0
Prom	63.5	63.3	63.1	63.0	63.0	63.2	63.5	63.9	64.0	64.0	63.9	63.3	62.7	62.2	62.0

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	1.1	0.6	0.3	-0.3	-0.5	-0.7	-0.9	0.6	2.0	4.5	5.9	6.6	7.0	7.6	7.6
2	-0.3	-0.2	-0.2	-0.2	-0.1	0.1	0.2	2.4	5.2	8.1	10.7	12.9	13.9	14.2	14.0
3	5.9	6.0	5.5	5.4	5.1	5.2	5.2	6.2	8.8	11.1	13.3	15.0	16.0	16.4	15.7
4	5.4	4.8	3.8	4.4	4.5	4.2	4.1	4.4	7.5	9.8	12.0	14.0	14.5	14.6	14.1
5	4.3	4.1	3.2	2.4	2.2	2.4	2.5	3.5	6.6	9.0	10.9	11.9	12.8	13.0	12.7
6	-0.3	-0.1	0.0	0.1	0.2	0.4	0.7	4.6	8.1	10.7	12.3	13.9	14.5	14.9	14.7
7	1.2	0.7	0.7	0.2	-0.1	-0.1	0.4	3.8	8.1	10.3	11.5	12.2	13.5	13.8	13.8
8	5.5	4.0	3.8	4.0	4.0	4.1	3.8	5.6	9.8	11.9	13.5	14.6	15.0	15.6	15.2
9	4.5	4.5	3.9	6.9	7.0	6.9	7.0	7.4	9.3	10.6	12.4	13.3	13.3	12.6	11.5
10	4.4	3.8	3.6	3.4	3.5	4.3	3.3	4.0	7.8	10.7	12.2	14.1	15.0	15.2	15.4
11	3.4	3.1	2.7	2.5	2.2	1.8	1.6	1.7	3.0	5.5	7.3	10.1	11.7	12.4	12.5
12	0.9	0.0	-0.6	-0.5	-0.9	-1.5	-2.4	1.8	7.7	10.0	11.3	12.2	13.2	14.0	14.0
13	4.6	4.5	3.0	2.6	2.8	2.7	2.9	5.2	7.2	10.0	11.7	14.1	15.8	16.6	16.6
14	7.4	6.6	5.9	5.3	5.5	5.8	6.0	7.8	10.5	8.2	15.3	16.0	17.9	18.8	18.8
15	8.3	7.9	7.7	7.7	7.3	7.2	7.3	9.4	12.7	15.8	18.8	21.7	23.9	24.4	24.4
16	14.1	12.5	11.0	9.9	9.9	8.0	6.9	8.0	10.3	12.6	13.8	14.1	15.0	15.4	15.5
17	2.0	2.2	1.9	2.3	2.8	3.5	3.9	9.4	11.1	13.5	15.3	17.0	18.3	18.6	18.3
18	11.5	11.0	11.1	11.5	12.1	12.2	12.2	13.8	15.3	18.0	19.6	20.7	22.0	22.6	22.3
19	15.9	15.5	16.1	16.1	15.6	15.4	14.3	14.6	17.0	17.6	18.8	20.2	21.1	21.2	20.9
20	13.4	13.5	13.3	12.7	12.7	12.8	12.8	13.0	14.7	15.9	18.8	20.7	21.7	22.2	21.9
21	11.3	11.2	11.3	11.3	11.3	11.2	11.2	11.2	11.3	11.6	11.6	12.0	13.6	15.6	15.4
22	4.8	4.6	4.1	4.0	3.3	2.7	2.4	4.8	7.5	9.6	10.9	11.4	12.8	13.2	12.9
23	1.4	1.0	0.5	0.7	0.8	0.9	1.0	2.0	6.0	9.4	11.3	13.0	13.4	13.6	14.1
24	0.6	0.1	-0.6	-0.6	-0.7	-0.6	-0.4	4.7	6.7	9.9	12.1	14.0	15.1	15.2	15.0
25	3.0	3.0	2.4	1.5	1.6	1.8	2.1	2.5	7.8	10.2	10.2	10.2	11.1	11.6	11.2
26	7.8	7.7	7.7	7.8	7.7	7.7	7.2	7.2	8.0	9.3	9.8	9.7	9.6	9.6	9.6
27	4.8	4.6	4.3	4.2	4.0	4.3	4.9	6.9	8.4	10.3	12.9	14.2	14.2	14.6	13.8
28	5.4	6.2	6.8	7.3	7.6	7.8	7.9	8.0	8.3	9.7	10.9	13.0	14.9	14.7	14.1
29	10.5	10.2	9.7	9.8	9.9	10.0	10.1	11.1	12.9	13.4	14.8	15.0	15.4	15.6	15.8
30	10.3	9.7	9.3	8.6	8.8	9.6	9.6	8.8	8.9	9.2	9.6	10.4	10.8	11.2	10.7
31	0.7	-0.1	-1.6	-2.3	-1.8	-1.7	-1.7	4.9	7.7	10.2	12.1	13.3	14.1	14.8	15.0
Prom	5.6	5.3	4.9	4.8	4.8	4.8	4.7	6.4	8.9	10.9	12.6	13.9	14.9	15.3	15.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
63.3	63.3	63.4	63.2	63.2	63.1	62.6	62.5	62.4	66.1	1	62.4	24	3.7	764.2 mm.	1018.9 mb.
54.3	54.8	54.9	55.6	56.2	56.2	56.3	56.6	56.6	61.6	1	54.3	15-16	7.3	57.6	1010.1
56.0	56.7	57.1	57.6	58.1	58.3	58.1	58.5	58.6	58.6	24	55.2	6,14-15	3.4	56.5	1008.6
61.0	61.2	61.7	61.9	62.4	62.6	62.8	63.6	63.7	63.7	24	58.5	1	5.2	61.1	1014.8
64.1	64.4	65.0	65.4	66.0	66.2	66.3	66.3	66.3	66.3	22-24	63.5	4-5	2.8	64.7	1019.6
66.5	66.9	67.2	67.5	67.7	67.9	68.0	68.1	68.2	68.2	24	65.9	4-5	2.3	66.9	1022.5
66.5	66.8	66.9	67.1	67.4	68.0	68.0	67.9	67.4	69.0	8-9	66.5	16	2.5	67.8	1023.7
64.2	64.2	64.6	64.6	64.6	64.1	64.1	64.0	63.8	67.9	9	63.8	24	4.1	65.8	1021.0
62.1	62.2	62.3	62.7	62.6	62.6	62.7	62.7	63.1	64.2	9	62.0	14	2.2	63.0	1017.3
63.2	63.5	63.9	64.6	65.4	66.2	66.6	67.5	67.8	67.8	24	62.3	3-5	5.5	64.0	1018.6
70.6	70.8	71.0	71.6	71.6	71.7	71.8	71.9	71.8	71.9	23	68.1	1,4	3.8	70.3	1027.0
67.6	67.4	67.4	67.1	67.3	67.1	67.3	67.4	67.0	71.8	1	67.0	24	4.8	69.5	1026.0
62.7	62.2	62.4	62.4	62.7	62.7	62.6	62.6	62.6	66.8	1	62.2	17	4.6	64.4	1019.2
58.3	58.3	58.6	59.2	59.2	59.2	58.9	59.5	59.4	62.6	1	58.3	15-17	4.3	60.4	1013.8
53.2	53.7	54.1	55.0	55.6	56.1	57.0	57.5	58.4	59.2	1	53.2	16	6.0	56.2	1008.2
65.2	65.3	65.8	66.0	65.9	66.0	66.0	65.9	65.7	66.0	19,21-22	58.9	1	7.1	63.9	1018.5
58.4	58.3	58.1	57.5	56.9	56.8	56.6	56.6	56.7	65.3	1	56.6	22-23	8.7	60.8	1014.4
52.5	52.1	52.4	52.8	53.1	53.3	53.3	53.8	54.0	56.8	1	52.1	17	4.7	54.7	1006.2
56.6	56.8	57.1	57.7	57.8	57.8	57.8	57.7	57.5	57.8	20-22	53.8	3-4	4.0	56.2	1008.2
53.7	54.7	54.9	55.8	56.4	57.1	57.7	57.9	58.7	58.7	24	53.4	14	5.3	55.8	1007.7
63.4	63.6	63.6	64.5	65.2	65.5	65.9	66.1	66.5	66.5	24	58.9	1-2	7.6	63.0	1017.3
66.0	66.1	66.8	67.1	67.1	67.7	67.9	67.9	67.8	67.9	22-23	65.9	15	2.0	67.1	1022.8
67.5	68.0	68.6	69.3	69.6	69.8	69.8	69.9	70.3	70.3	24	67.0	4	3.3	68.4	1024.5
69.7	70.4	70.8	71.6	72.2	72.5	72.4	72.1	71.7	72.5	21	69.4	15	3.1	71.0	1028.0
69.5	69.5	69.4	69.8	69.8	69.2	69.6	70.0	69.9	71.7	1	69.2	21	2.5	70.5	1027.3
66.1	66.2	66.3	66.3	66.4	66.2	66.1	66.0	65.8	69.9	1	65.8	24	4.1	67.6	1023.4
61.0	60.8	60.7	60.6	60.4	60.3	60.5	60.4	60.0	65.6	1	60.0	24	5.6	62.6	1016.8
57.1	57.2	57.1	57.1	57.0	57.1	56.9	56.8	56.5	60.1	7-8	56.5	24	3.6	58.3	1011.0
54.6	55.1	55.3	55.3	55.8	56.5	56.5	57.0	57.0	57.0	23-24	54.6	16	2.4	56.0	1008.0
63.4	64.4	65.2	66.0	66.3	66.9	67.0	67.1	67.5	67.5	24	56.7	3	10.8	62.4	1016.5
63.7	63.3	63.5	63.1	63.6	63.7	63.7	63.8	63.8	67.4	1,8	63.1	19	4.3	65.5	1020.6
62.0	62.2	62.5	62.8	63.0	63.2	63.2	63.4	63.4	65.4		60.8		4.6	63.1	1017.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
7.3	6.5	4.6	2.1	0.8	0.0	0.1	-0.3	-0.1	7.6	14-15	-0.9	7	8.5	2.6
13.6	11.9	9.8	8.4	6.2	4.8	5.7	6.0	5.8	14.2	14	-0.3	1	14.5	6.4
14.3	12.6	11.2	9.5	8.6	7.9	6.7	6.1	6.5	16.4	14	5.1	5	11.3	9.3
13.4	12.0	9.5	6.5	4.4	4.0	4.6	4.7	4.4	14.6	14	3.8	3	10.8	7.7
12.4	11.3	7.9	4.8	2.8	1.6	0.9	0.3	0.2	13.0	14	0.2	24	12.8	6.0
14.3	12.1	9.0	6.8	4.6	4.0	3.2	2.9	1.7	14.9	14	-0.3	1	15.2	6.4
13.3	12.2	9.3	8.4	8.0	7.9	7.8	7.2	7.0	13.8	14-15	-0.1	5-6	13.9	7.1
14.6	12.5	10.4	9.1	8.0	7.4	5.9	4.7	4.3	15.6	14	3.8	3,8	11.8	8.6
10.8	10.7	9.4	8.2	7.4	7.0	6.7	5.1	4.5	13.3	12-13	3.9	3	9.4	8.4
14.9	13.0	10.5	9.1	7.6	6.6	5.9	5.2	4.3	15.4	15	3.3	7	12.1	8.2
11.4	10.9	9.0	7.4	6.2	4.6	3.5	1.9	1.0	12.5	15	1.0	24	11.5	5.7
13.8	11.5	8.3	8.0	7.3	6.5	6.0	5.5	4.6	14.0	14-15	-2.4	7	16.4	6.3
16.4	15.0	12.7	11.0	10.2	9.0	9.0	8.6	7.7	16.6	14-15	2.6	4	14.0	9.2
17.6	17.0	14.3	12.7	11.0	10.2	9.8	8.9	8.2	18.8	14-15	5.3	4	13.5	11.1
23.6	20.6	18.1	17.2	15.8	15.0	17.0	15.0	14.2	24.4	14-15	7.2	6	17.2	15.0
15.2	13.9	10.8	7.5	5.0	4.3	3.7	3.3	2.3	15.5	15	2.3	24	13.2	10.1
17.9	16.9	15.7	14.8	15.0	15.1	15.2	14.3	13.4	18.6	14	1.9	3	16.7	11.6
22.0	20.6	18.4	17.1	15.8	17.6	19.0	18.8	16.9	22.6	14	11.0	2	11.6	16.8
19.8	18.3	16.8	15.3	14.4	14.2	13.6	13.7	13.6	21.2	14	13.6	22,24	7.6	16.7
21.0	17.9	16.8	15.2	14.0	13.2	13.1	12.4	12.2	22.2	14	12.2	24	10.0	15.7
15.0	13.5	11.6	10.6	9.2	7.6	6.6	5.6	5.5	15.6	14	5.5	24	10.1	11.1
11.9	10.5	8.4	6.7	4.8	4.0	3.5	2.7	2.2	13.2	14	2.2	24	11.0	6.8
13.3	12.1	9.6	7.1	4.9	3.7	3.0	2.0	1.3	14.1	15	0.5	3	13.6	6.1
14.7	12.0	10.0	8.3	6.5	5.4	4.7	3.8	3.5	15.2	14	-0.7	5	15.9	6.6
10.7	10.2	9.8	9.3	8.7	8.5	8.6	8.4	8.1	11.6	14	1.5	4	10.1	7.2
9.9	9.7	9.1	8.5	8.1	7.2	6.1	5.4	4.9	9.9	16	4.9	24	5.0	8.1
13.6	13.0	10.9	9.0	7.7	7.1	5.9	5.8	5.2	14.6	14	4.0	5	10.6	8.5
13.6	13.3	12.6	12.2	11.4	11.3	11.1	10.8	10.4	14.9	13	5.4	1	9.5	10.4
15.7	15.5	13.6	12.2	11.0	10.2	10.1	10.2	10.2	15.8	15	9.7	3	6.1	12.2
10.5	10.1	8.9	7.2	5.8	4.6	3.4	2.9	2.1	11.2	14	2.1	24	9.1	8.4
14.9	13.6	9.7	8.3	6.8	6.5	4.7	4.8	3.8	15.0	15	-2.3	4	17.3	6.5
14.6	13.3	11.2	9.6	8.3	7.6	7.3	6.7	6.1	15.4		3.4		12.0	9.1

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	84	87	93	97	97	96	96	89	76	68	63	60	60	55	54
2	88	91	92	92	88	87	87	79	70	59	54	47	44	47	49
3	84	84	85	87	87	88	90	88	78	69	63	58	56	55	60
4	89	90	92	85	84	89	88	90	73	63	53	44	43	45	45
5	86	90	95	100	100	99	97	88	72	67	56	53	44	36	33
6	91	81	80	80	79	82	80	68	58	52	47	47	44	45	39
7	86	87	90	91	92	95	97	100	77	62	49	49	43	48	50
8	96	100	100	96	96	94	94	88	70	59	52	45	43	33	41
9	100	98	97	82	84	89	91	89	80	76	71	69	71	77	92
10	97	98	99	100	100	100	100	100	74	63	53	35	34	31	30
11	88	88	89	87	91	92	93	96	96	81	80	70	60	52	45
12	95	99	94	93	93	91	91	88	76	67	56	55	48	39	39
13	74	76	83	88	85	87	83	75	68	62	59	53	47	46	44
14	85	89	92	94	92	88	89	83	78	65	57	55	49	44	42
15	85	84	81	79	78	76	75	73	61	56	46	40	35	36	38
16	45	49	50	50	52	56	61	59	50	40	36	35	33	33	35
17	100	98	100	96	96	100	93	76	68	51	46	41	30	25	26
18	71	78	77	71	71	75	78	69	68	56	52	50	49	49	51
19	84	84	81	84	86	91	93	86	71	68	60	56	50	49	49
20	72	73	78	86	86	87	91	88	81	77	68	66	67	66	67
21	100	98	96	93	97	96	94	93	92	87	85	79	71	53	46
22	78	83	84	85	89	89	90	70	58	49	44	39	33	35	44
23	95	97	98	95	95	95	93	85	73	56	42	37	38	40	41
24	98	100	100	100	100	100	100	84	74	63	56	50	38	51	52
25	98	98	98	97	97	96	96	96	77	69	71	70	70	67	68
26	86	88	88	90	91	92	95	94	87	81	75	80	83	86	77
27	100	100	100	100	100	100	100	96	89	80	72	64	70	65	71
28	100	100	100	98	98	98	97	97	98	97	83	75	67	74	78
29	97	96	97	94	95	96	98	91	86	83	74	72	71	69	62
30	96	95	94	97	86	91	85	86	72	68	67	61	57	56	60
31	95	93	97	99	96	92	91	69	55	45	33	31	26	24	23
Prom.	88	89	93	90	90	90	90	85	74	66	59	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	4.0	4.0	4.2	4.2	4.2	4.2	4.2	4.4	4.0	4.2	4.2	4.2	4.2	4.3	4.0
2	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.4	4.4	4.6	5.0	5.2	5.0	5.7	5.6
3	5.6	5.6	5.4	5.8	5.6	5.8	5.8	6.2	6.4	6.6	7.0	7.2	7.8	7.6	7.6
4	5.8	5.6	5.4	5.0	5.2	5.4	5.2	5.6	5.6	5.6	5.4	5.0	5.2	5.7	5.0
5	5.4	5.2	5.2	5.2	5.2	5.2	5.2	4.9	5.2	5.8	5.6	5.4	4.6	4.1	3.4
6	4.0	3.8	3.4	3.4	3.6	3.8	3.6	4.4	4.6	5.0	5.0	5.6	5.2	5.6	4.6
7	4.2	4.2	4.2	4.2	4.2	4.2	4.6	6.0	6.2	5.8	4.8	5.0	4.8	5.7	5.6
8	6.4	5.8	5.8	5.8	5.8	5.6	5.4	5.9	6.0	6.0	6.0	5.2	5.4	4.4	5.4
9	6.0	6.0	5.8	6.0	6.0	6.4	6.8	6.8	6.6	7.2	7.6	7.6	8.0	8.3	9.0
10	6.0	5.8	5.6	5.6	5.6	6.0	5.6	6.1	5.6	6.0	5.4	3.8	4.0	4.2	3.6
11	5.0	5.0	4.8	4.6	4.8	4.8	4.6	5.0	5.4	5.4	5.8	6.2	5.8	5.6	4.6
12	4.4	4.4	4.0	4.0	3.8	3.8	3.4	4.3	6.0	6.2	5.6	5.4	5.2	4.6	4.4
13	4.6	4.8	4.6	4.8	4.6	4.8	4.6	5.0	5.0	5.6	5.8	6.2	6.4	6.5	6.0
14	6.2	6.2	6.4	6.0	6.2	6.0	6.0	6.6	7.2	5.0	7.4	7.0	7.2	7.1	6.8
15	7.0	6.4	6.4	6.0	5.8	5.8	5.6	6.5	6.8	7.6	7.6	7.2	7.2	8.1	8.5
16	5.0	5.0	4.6	4.2	4.6	4.6	4.6	4.7	4.4	4.0	4.4	3.8	4.0	4.4	4.2
17	5.0	5.2	5.0	5.2	5.4	5.6	5.6	6.7	6.6	6.0	6.2	6.0	4.2	4.0	4.2
18	7.2	7.4	7.6	7.2	7.6	7.6	8.0	8.1	8.5	8.5	8.5	8.5	9.0	10.1	10.5
19	11.0	10.5	11.0	11.0	11.5	12.0	11.0	10.7	10.0	10.0	9.0	10.0	8.5	9.2	8.5
20	8.0	8.0	8.5	9.5	9.5	9.5	10.0	9.8	10.0	10.0	10.5	12.0	13.0	13.1	13.0
21	9.5	9.5	9.5	9.0	9.5	9.5	9.0	9.2	9.0	8.5	8.0	8.0	8.0	7.0	6.2
22	4.8	5.2	5.0	5.0	5.0	4.8	4.6	4.5	4.4	4.2	4.0	3.8	3.6	4.0	4.6
23	4.6	4.8	4.6	4.4	4.4	4.4	4.4	4.5	5.0	5.0	4.2	4.2	4.2	4.6	5.0
24	4.6	4.4	4.2	4.2	4.2	4.2	4.2	5.4	5.2	5.6	6.0	5.6	4.8	6.5	6.6
25	5.4	5.4	5.2	4.8	5.0	5.0	5.0	5.3	6.0	6.2	6.6	6.2	6.6	6.8	6.6
26	6.8	6.8	6.8	6.8	7.2	7.2	7.0	7.2	7.0	7.2	6.4	6.8	7.2	7.8	6.8
27	6.2	6.2	6.0	6.0	5.8	6.0	6.2	7.1	7.2	7.2	7.8	7.4	8.0	8.1	8.5
28	6.4	6.8	7.2	7.4	7.4	7.6	7.6	7.8	7.8	8.5	7.8	8.0	8.5	10.9	9.0
29	9.0	9.0	8.5	8.0	8.0	8.5	9.0	9.0	9.5	9.0	9.0	9.0	9.0	9.1	8.0
30	9.0	8.0	8.0	8.0	7.4	8.0	7.2	7.3	6.0	5.8	6.0	5.8	5.4	5.5	5.4
31	4.4	4.2	3.8	3.6	3.8	3.6	3.6	4.5	4.0	3.8	3.4	3.6	3.2	3.0	2.8
Prom.	6.0	5.9	5.8	5.8	5.8	5.9	5.8	6.3	6.3	6.3	6.3	6.3	6.2	6.5	6.2

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
4.0	4.0	3.8	4.0	4.1	4.0	4.2	4.0	4.0	4.4	8	3.8	18	0.6	4.1
5.4	5.8	6.0	5.8	6.0	5.8	5.6	5.6	5.6	6.0	1 ,20	3.8	1,5	2.2	5.0
8.0	7.8	7.6	7.2	7.2	6.8	6.4	6.0	5.8	8.0	16	5.4	3	2.6	6.6
5.4	5.4	6.0	5.8	5.4	5.2	5.4	5.2	5.4	6.0	18	5.0	4,12,15	1.0	5.4
3.4	3.6	4.4	4.6	4.5	4.2	4.2	4.0	4.0	5.8	10	3.4	15-16	2.4	4.7
4.6	5.4	4.8	4.8	4.9	4.6	4.6	4.6	4.2	5.6	12,14	3.4	3-4	2.2	4.5
5.4	6.6	6.2	6.2	6.7	6.8	7.2	7.2	7.2	7.2	22-24	4.2	1-6	3.0	5.6
6.4	6.6	6.8	6.6	7.1	7.0	6.0	6.2	6.0	7.1	20	4.2	14	2.9	6.0
9.0	9.0	8.5	7.8	7.5	7.2	7.0	6.4	6.0	9.0	15-17	5.8	3	3.2	7.2
4.0	4.6	4.8	4.8	5.2	5.2	5.0	5.0	5.0	6.1	8	3.6	15	2.5	5.1
4.2	5.0	4.8	5.4	5.8	5.2	5.4	5.0	4.4	6.2	12	4.2	16	2.0	5.1
4.4	4.8	3.8	4.2	4.8	4.8	4.6	4.4	4.6	6.2	10	3.4	7	2.8	4.6
6.6	7.2	7.4	6.6	6.2	6.2	6.2	6.4	6.4	7.4	18	4.6	1,3,5,7	2.8	5.8
7.0	7.6	8.0	7.8	7.6	7.2	7.4	7.0	7.0	8.0	18	5.0	10	3.0	6.8
9.0	9.5	9.5	9.5	9.7	9.5	9.0	7.2	6.8	9.7	20	5.6	7	4.1	7.6
4.8	5.0	5.4	5.6	5.4	5.4	5.4	5.6	5.2	5.6	19,23	3.8	12	1.8	4.8
5.0	4.6	6.2	7.2	7.1	6.6	6.6	7.0	7.0	7.2	19	4.0	14	3.2	5.8
10.0	10.0	9.5	9.5	10.0	10.0	10.0	10.5	11.0	11.0	24	7.2	1,4	3.8	9.0
9.0	9.0	8.0	8.0	7.7	7.4	7.8	7.8	7.8	12.0	6	7.4	21	4.6	9.4
13.0	12.5	11.5	11.0	11.2	10.0	10.0	9.5	9.5	13.1	14	8.0	1-2	5.1	10.5
5.4	6.0	6.8	6.4	5.7	5.6	5.6	4.8	4.8	9.5	1-3,5-6	4.8	23-24	4.7	7.5
5.4	5.4	5.4	5.6	5.4	5.2	4.8	4.8	4.6	5.6	19	3.6	13	2.0	4.8
4.8	5.0	5.6	5.4	5.4	5.2	5.2	5.0	4.8	5.6	18	4.2	11-13	1.4	4.8
7.0	7.0	7.0	7.0	6.6	5.8	5.8	5.8	5.6	7.0	16-19	4.2	3-7	2.8	5.6
6.8	6.6	6.4	6.6	6.6	6.4	6.4	6.8	6.6	6.8	14,16,23	4.8	4	2.0	6.0
7.0	6.8	7.0	7.2	6.8	6.6	6.4	6.4	6.2	7.8	14	6.2	24	1.6	6.9
8.0	8.5	8.5	8.0	7.4	7.2	6.6	6.6	6.4	8.5	15,17-18	5.8	5	2.7	7.1
9.0	9.0	8.5	9.0	9.0	8.5	9.0	9.0	9.0	10.9	14	6.4	1	4.5	8.3
8.0	8.5	8.0	8.5	9.0	8.0	8.5	8.5	9.0	9.5	9	8.0	4-5,15-16,18,21	1.5	8.6
5.4	4.8	4.8	5.0	5.2	4.8	5.0	4.8	4.8	9.0	1	4.8	23-24	4.2	6.1
2.8	3.2	3.8	3.8	4.2	4.8	4.6	4.8	4.8	4.8	21,23-24	2.8	15-16	2.0	3.8
6.4	6.6	6.6	6.6	6.6	6.4	6.3	6.2	6.1	7.6		4.9		2.7	6.2

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SW	8	SW	10	SW	9	SW	8	SW	9	SW	9	SW	8	SW	11	SW	9	SW	13	SW	13	SW	13	SW	10	SW	10	SW	8
2	NW	7	N	9	N	10	N	11	N	13	N	16	N	17	N	19	N	22	N	25	N	25	N	29	N	30	NW	36	NW	32
3	N	13	N	15	N	14	N	10	N	10	N	10	N	10	N	9	NW	17	NW	13	NW	7	NW	3	S	3	S	5	S	7
4	E	4	NE	6	N	3	SW	6	S	7	SE	3	S	3	S	2	SE	2	S	3	S	4	S	6	S	10	S	10	SW	10
5	SW	5	SW	5	S	3	Calma	1	S	2	S	4	SW	6	S	3	S	4	S	6	S	4	S	6	S	9	S	7	SW	10
6	NW	3	NW	6	NW	5	NW	5	NW	5	W	6	W	7	W	7	W	10	SW	8	SW	10	SW	9	SW	10	SW	9	SW	9
7	SE	3	SE	3	Calma	1	Calma	1	Calma	1	E	2	NE	2	NE	3	NE	3	NE	12	NE	13	NE	11	NE	8	NE	8	NE	7
8	E	4	E	5	NE	9	NE	7	NE	5	NE	6	NE	5	NE	4	NE	6	NE	5	NE	7	NE	9	NE	9	NE	10	NE	10
9	NE	4	NE	6	NE	7	NE	12	NE	11	NE	12	NE	10	NE	12	NE	9	NE	13	NE	12	N	10	NW	5	NW	5	SW	6
10	SW	3	SW	3	SW	3	W	5	W	5	W	10	W	7	W	9	SW	8	SW	11	SW	15	SW	14	SW	17	SW	18	SW	17
11	SW	9	SW	8	SW	8	SW	10	SW	8	SW	7	SW	8	SW	8	SW	9	SW	10	SW	10	SW	11	SW	11	S	9	S	11
12	Calma	0	S	2	SE	2	SE	3	S	2	SE	3	SE	4	E	3	NE	8	N	11	N	13	N	12	N	15	N	17	N	17
13	NE	18	NE	17	NE	16	NE	11	NE	12	NE	14	NE	16	NE	16	N	15	N	21	N	23	NW	22	NW	22	NW	25	NW	23
14	N	10	N	13	N	12	N	11	N	12	N	12	N	10	N	10	NW	11	NW	16	NW	16	NW	16	NW	17	NW	19	NW	15
15	N	7	NW	9	NW	11	NW	8	NW	13	NW	10	NW	16	NW	14	NW	19	NW	20	NW	22	NW	35	NW	30	NW	31	NW	26
16	SW	16	SW	12	SW	15	SW	14	SW	14	SW	12	SW	12	SW	11	SW	12	SW	15	SW	14	SW	15	SW	11	SW	14	SW	12
17	E	2	N	2	N	3	N	5	N	7	N	6	NE	8	NE	11	NE	13	NE	16	N	18	N	19	N	19	N	15	N	14
18	N	3	N	3	SE	2	SE	6	SE	5	SE	6	SE	6	E	8	E	10	E	12	E	13	E	13	E	12	NE	14	NE	12
19	W	6	NW	6	NW	10	N	9	N	6	N	5	SW	4	S	4	SE	13	SE	15	S E	18	SE	15	SE	15	SE	15	E	13
20	SE	12	SE	13	SE	11	S E	10	SE	12	SE	9	SE	6	SE	9	E	7	E	9	E	11	NE	8	NW	9	NW	18	NW	17
21	SW	12	SW	9	S	7	S	8	S	7	S	9	S	8	S	10	SE	10	SE	10	S E	11	SE	9	SE	9	SE	12	SE	13
22	SE	8	SE	8	SE	6	SE	7	SE	9	SE	6	SE	5	SE	8	SE	10	SE	15	SE	13	SE	12	E	10	E	11	E	10
23	SE	4	SE	3	SE	4	S E	4	SE	3	SE	4	SE	3	S	5	SE	5	S E	8	E	9	SE	13	SE	10	SE	11	SE	10
24	Calma	0	Calma	1	Calma	1	S	2	S	3	S	4	S	4	S	6	S	5	S	4	S	7	SE	7	SE	5	E	10	SE	11
25	SE	5	SE	5	SE	5	SE	3	SE	5	SE	5	SE	5	SE	3	SE	6	E	8	E	10	NE	11	E	11	E	13	NE	12
26	S	3	S	2	SE	4	SE	3	SE	3	SE	4	SE	4	SE	4	SE	6	SE	8	SE	6	SE	5	S	4	S	5	S	4
27	S	3	S	5	S	5	S	5	S	3	S	4	S	3	S	5	SE	3	S	5	S	6	SE	7	SE	7	SE	4	SE	6
28	S	2	Calma	1	Calma	1	S	3	Calma	1	S	3	S	2	S	3	SE	3	S E	2	Calma	1	NE	4	NE	4	NW	6	NE	10
29	NE	7	NE	5	NE	6	NE	8	NE	7	N	7	NE	5	NE	6	N	9	NW	6	NW	4	NW	8	NW	7	NW	8	N	8
30	N	3	N	2	W	2	SW	2	SW	6	SW	9	S	10	S	11	S	15	S	18	S	18	S	14	S	16	S	17	S	12
31	SW	5	SW	4	SW	5	W	5	W	8	W	10	W	8	W	10	W	14	W	18	W	22	W	21	W	18	W	22	W	2
DIRECCIÓN PREVALENTE	SW		SW		SE		SE		SE-S		SE		SE		S		SE		SE		SW-S		SE		NW		NW		SW	
NÚMERO DE HORAS	7		7		7		7		6		8		7		9		9		6		5		7		6		8		7	
PROM. HOR. DE LA VELOCIDAD		6		6		6		6		7		7		7		8		9		12		12		13		12		14		13

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SW	8	SW	6	W	6	W	4	W	3	W	3	NW	4	NW	5	NW	5	SW	17	8	18	S	10.35 11.38
NW	24	NW	14	N	7	NE	5	NE	5	NE	5	NE	8	NE	10	N	14	N	14	16	37	NW	13.04 14.32
SE	9	SE	8	SE	7	SE	5	SE	4	SE	5	SE	2	SE	4	E	5	E-SE	8	8	14	NW	9.12
SW	9	S	6	SW	4	SW	2	SW	3	SW	5	SW	5	SW	6	SW	5	SW	11	5	18	W	14.32
SW	6	SW	4	Calma	1	Calma	1	Calma	0	Calma	0	Calma	1	W	3	W	3	S	10	4	12	SW	14.34
SW	9	S	4	Calma	0	Calma	0	S	2	SE	2	SE	2	SE	4	SE	3	SW	7	6	12	SW	11.28 13.49
NE	10	NE	6	E	5	E	9	E	6	SE	3	SE	6	SE	4	E	6	NE	11	6	13	NE	9.30 10.54
NE	14	NE	10	E	8	E	7	E	8	E	7	E	4	E	3	E	6	NE	15	7	13	NE	15.27
S	3	SE	2	SE	2	E	3	E	4	NE	7	NE	5	NE	3	Calma	1	NE	14	7	13	NE	9.28
SW	14	SW	11	SW	10	SW	9	SW	8	SW	11	SW	10	SW	10	SW	10	SW	19	10	30	SW	12.21
S	9	S	7	S	5	S	4	S	3	SE	3	Calma	0	S	2	Calma	1	SW	13	7	19	S	14.34
N	18	NE	14	NE	14	NE	13	NE	12	NE	13	NE	13	NE	13	NE	12	NE	9	10	23	N	14.29
NW	17	N	11	N	9	N	10	N	12	N	9	N	12	N	13	N	7	N	11	15	27	N	9.54
NW	15	NW	5	NW	5	NW	7	N	7	N	5	N	6	N	3	N	5	N	13	11	19	NW	12.44
NW	22	NW	19	NW	13	NW	10	W	9	W	9	SW	10	SW	9	SW	10	NW	18	16	38	NW	12.40
SW	10	SW	9	SW	4	SW	4	Calma	1	SW	2	Calma	1	Calma	1	Calma	1	SW	20	10	26	SW	9.29
NE	10	NE	11	NE	9	NE	12	NE	15	NE	17	NE	16	NE	14	N	5	NE	12	11	17	NE N	10.40 12.52
NE	10	NE	10	E	10	E	5	E	5	NE	11	N	12	N	17	NW	8	E	9	9	14	E	9.53
E	13	E	15	SE	11	SE	12	SE	13	SE	13	SE	16	SE	13	SE	13	SE	13	11	26	SE	9.53
W	15	W	12	SW	9	SW	10	SW	10	SW	11	SW	16	SW	9	SW	9	SE	8	11	22	NW	13.38
SE	12	SE	9	SE	8	SE	9	SE	10	SE	7	SE	5	SE	7	SE	8	SE	16	9	17	SW SE	0.27 18.44
E	9	E	10	E	8	SE	4	SE	4	SE	2	SE	5	SE	3	SE	3	SE	18	8	19	SE	9.27
SE	9	SE	6	S	3	SE	2	Calma	1	Calma	0	SE	2	Calma	1	Calma	0	SE	17	5	16	E	12.00
E	12	E	11	NE	9	E	6	E	6	SE	6	SE	7	SE	5	SE	6	S	8	6	15	E	15.20
E	11	E	9	E	8	SE	6	SE	9	SE	7	SE	7	SE	2	SE	3	SE	15	7	15	SE	14.54
S	6	SE	5	SE	6	SE	3	SE	4	SE	3	SE	2	S	3	S	4	SE	16	4	9	SE	8.34 9.28
SE	6	SE	6	Calma	1	Calma	1	Calma	1	SE	2	Calma	1	Calma	1	S	2	S	11	4	8	SE	11.22
NE	7	NE	6	NE	4	E	3	E	2	NE	4	E	4	NE	5	NE	4	NE	9	4	8	NE	13.52 15.47
NW	7	W	3	SW	2	NE	3	NE	2	NE	2	Calma	1	N	3	N	2	NE	10	5	6	N	8.20 13.17
S	13	S	10	S	7	S	5	S	4	S	4	S	2	S	6	S	5	S	18	9	28	S	9.44
W	22	W	19	W	10	NW	13	NW	13	NW	15	NW	13	NW	13	NW	12	W	15	13	31	W	15.00
SW		NE-SE		E-SE-SW		SE		E-W		SE		SE		SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
6		6		5		7		6		11		10		8		6		SE	151	8	DIRECCIÓN	DÍA	HORA
	12		9		7		6		6		6		6		6		6				NW	2 15	de 13.15 a 13.30 de 11.30 a 11.45

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											17	162	4	16	3	14		192
2	14	247	5	33											5	113		393
3	8	91			1	5	8	44	3	15					4	40		195
4	1	3	1	6	1	4	2	5	8	45	11	61						124
5									10	48	6	36	2	6			6	94
6							4	11	2	6	7	64	4	30	5	24	2	135
7			11	83	5	28	5	19									3	133
8			15	116	9	52												168
9	1	10	14	123	2	7	2	4	1	3	1	6			2	10	1	164
10											19	202	5	36				238
11							1	3	8	50	13	117					2	171
12	7	103	9	112	1	3	4	12	2	4							1	234
13	11	120	8	142											5	109		371
14	13	117													11	142		259
15	1	7									3	29	2	18	18	328		382
16											20	228					4	232
17	11	113	12	152	1	2												267
18	4	35	5	57	9	88	5	25							1	8		213
19	3	20			3	41	13	182	1	4	1	4	1	6	2	16		273
20			1	8	3	27	8	82			7	74	2	27	3	44		262
21							16	149	6	49	2	21						219
22					6	58	18	128										186
23					1	9	17	101	2	8							4	120
24			1	9	5	45	7	47	8	35							3	138
25			2	23	7	70	15	76										169
26							16	70	8	31								101
27							8	41	11	46							5	92
28			10	54	3	9	2	5	5	13							4	85
29	5	29	10	51							1	2	1	3	6	40	1	216
30	2	5							18	187	3	17	1	2				211
31											3	14	15	228	6	79		321
SUMAS	81	900	104	969	57	448	151	1004	93	544	114	1037	37	372	71	967	36	6268
% PREVAL POR VELOCIDAD	14.4		15.5		7.2		16.0		8.7		16.5		5.9		15.4		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		9		8		7		6		9		10		14		1	202

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	5	3	3	5	3	7	1	2	2
1 - 2	6	4	1	5	3	7		3	2
2 - 3	5	4		7	3	5	1	3	3
3 - 4	5	4		7	4	5	2	2	2
4 - 5	5	4		6	6	4	2	2	2
5 - 6	6	3	1	8	5	4	3	1	
6 - 7	3	6		7	6	5	3	1	
7 - 8	3	6	2	4	9	3	3	1	
8 - 9	3	5	2	9	3	4	2	3	
9 - 10	3	4	3	6	5	5	1	4	
10 - 11	4	3	4	4	5	5	1	4	1
11 - 12	4	5	1	7	3	5	1	5	
12 - 13	3	3	3	5	5	5	1	6	
13 - 14	2	4	3	4	6	4	1	7	
14 - 15	3	5	2	4	4	7	1	5	
15 - 16	1	5	4	4	4	6	2	5	
16 - 17	1	6	4	6	3	5	3	3	
17 - 18	2	4	5	5	3	5	2	2	3
18 - 19	1	4	6	7	2	4	1	3	3
19 - 20	2	4	6	6	3	3	2	1	4
20 - 21	2	7	1	11	1	4	2	1	2
21 - 22	3	4	2	10	1	4		2	5
22 - 23	4	5	1	8	3	4	1	2	3
23 - 24	5	2	3	6	3	4	1	3	4
SUMAS	81	104	57	151	93	114	37	71	36
% de frec. por dirección	10.9	14.0	7.7	20.3	12.5	15.3	5.0	9.5	4.8

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	26.5	6.7	1.61	0	5	5	
	10	30.0	9.5	1.67	0	5	5	
	12	41.1	14.3	-	5	3	5	
	14	22.5	10.3	0.99	8	3	5	
	15	20.0	9.6	0.84	9	3	5	
2	9	24.0	8.4	1.27	7	4	4	
	10	31.2	13.0	1.48	5	5	5	
	12	36.5	17.3	1.56	8	5	5	
	14	33.7	17.0	1.36	10	4	4	
	15	31.4	16.8	1.19	10	4	3	
3	9	28.5	12.0	1.34	1	5	4	
	10	34.0	15.3	1.52	3	5	4	
	12	38.5	19.1	1.58	0	4	3	
	14	37.1	19.7	1.41	7	4	4	
	15	28.5	17.0	0.93	7	3	4	
4	9	21.7	9.5	0.99	4	4	5	
	10	31.4	13.7	1.44	6	4	5	
	12	36.5	18.5	1.46	8	4	5	
	14	36.2	13.1	1.88	10	4	5	
	15	21.9	14.2	0.63	9	3	5	
5	9	27.1	10.5	1.35	10	4	5	
	10	35.0	13.8	1.72	9	4	5	
	12	38.9	16.8	1.80	9	4	5	
	14	37.6	17.0	1.67	1	5	5	
	15	35.4	16.2	1.52	0	5	5	
6	9	31.7	12.0	1.60	0	5	5	
	10	35.9	15.0	1.70	0	5	5	
	12	39.8	18.5	1.73	0	5	5	
	14	39.1	19.0	1.63	0	5	5	
	15	36.7	18.0	1.52	1	5	5	
7	9	29.2	11.0	1.48	0	5	3	N.
	10	35.0	13.7	1.73	0	5	3	
	12	37.8	16.2	1.76	0	5	5	
	14	37.8	17.2	1.67	0	5	5	
	15	34.9	16.4	1.50	0	5	5	
8	9	32.8	13.2	1.59	0	5	4	Ne.
	10	35.5	15.2	1.65	0	5	4	
	12	38.5	18.0	1.67	0	5	5	
	14	38.3	17.8	1.67	0	5	5	
	15	36.5	17.3	1.56	1	5	5	
9	9	23.9	12.0	0.97	10	0	4	
	10	19.2	11.9	0.59	10	0	5	
	12	21.0	14.0	0.57	10	0	5	
	14	14.6	12.1	0.20	10	0	4	
	15				10	0	4	LL.
10	9	29.1	12.7	1.33	0	5	4	
	10	35.6	15.5	1.63	0	5	5	
	12	39.5	18.6	1.70	0	5	5	
	14	38.9	19.2	1.60	0	5	5	
	15	36.8	18.5	1.49	0	5	5	
11	9	8.9	4.6	0.35	10	0	2	N.
	10	19.4	8.9	0.85	10	0	4	
	12	40.4	16.5	-	7	3	5	
	14	32.5	15.6	1.37	7	3	5	
	15	37.0	16.8	1.64	6	3	5	
12	9	33.0	12.5	1.67	0	5	3	Ne.
	10	35.8	14.0	1.77	1	5	4	
	12	38.2	16.3	1.78	2	5	4	
	14	37.0	18.0	1.54	0	5	4	B.
	15	33.1	17.4	1.28	0	5	4	B.
13	9	21.8	9.9	0.97	10	0	4	
	10	31.0	13.5	1.42	8	1	4	
	12	39.6	18.5	1.72	8	1	4	
	14	41.0	20.5	1.67	10	4	4	
	15	33.0	18.9	1.15	5	4	4	
14	9	29.6	13.0	1.35	1	4	4	
	10	36.0	16.6	1.58	6	4	4	
	12	37.3	19.8	1.42	8	4	4	
	14	41.1	22.2	1.54	1	5	4	
	15	38.2	22.0	1.32	7	4	4	
15	9	28.8	15.2	1.10	7	5	4	
	10	38.7	20.0	1.52	1	5	4	B.
	12	39.8	25.8	1.14	1	5	4	
	14	45.0	27.6	1.41	0	5	4	
	15	36.0	24.5	0.93	1	5	4	
16	9	35.4	14.8	1.67	1	5	5	
	10	38.9	17.4	1.75	0	5	5	
	12	41.5	19.5	1.79	0	5	5	
	14	40.0	19.5	1.67	0	5	5	
	15	38.5	19.0	1.58	0	5	5	
17	9	33.0	14.5	1.50	0	5	5	
	10	38.0	17.8	1.64	0	5	5	
	12	42.0	21.3	1.68	0	5	5	
	14	40.2	22.2	1.46	10	0	5	
	15	23.5	18.1	0.44	10	0	5	
18	9	33.9	18.8	1.23	2	5	2	N.
	10	39.5	21.7	1.45	0	5	4	Ne.
	12	39.8	22.3	1.42	7	3	4	B.
	14	39.0	24.8	1.15	2	3	4	B.
	15	38.9	24.4	1.18	1	5	4	B.
19	9	32.5	19.5	1.06	8	2	4	B.
	10	35.5	21.0	1.18	9	4	4	B.
	12	37.5	23.0	1.18	9	4	4	B.
	14	31.5	23.1	0.68	9	3	4	B.
	15	31.6	21.5	0.82	9	3	4	B.
20	9	27.5	16.8	0.87	8	1	2	B.
	10	23.6	17.4	0.50	7	0	3	B.
	12	34.4	23.2	0.83	9	0	4	B.
	14	30.2	23.0	0.58	10	0	4	B.
	15	30.4	23.0	0.60	9	0	4	B.
21	9	14.3	11.4	0.24	10	0	5	
	10	18.8	12.6	0.50	10	0	5	
	12	24.8	14.5	0.84	10	0	5	
	14	38.1	19.2	1.54	10	4	5	
	15	33.9	18.0	1.29	10	4	5	
22	9	30.6	11.0	1.59	7	5	5	
	10	36.0	14.0	1.79	9	4	5	
	12	38.9	16.6	1.81	3	5	5	
	14	37.6	17.0	1.67	3	5	5	
	15	32.4	15.4	1.38	3	4	4	
23	9	30.0	10.7	1.57	4	5	4	B.
	10	37.0	14.5	1.83	4	5	4	B.
	12	41.5	18.2	1.89	8	5	5	
	14	30.4	16.0	1.17	10	2	5	
	15	35.3	17.3	1.46	9	5	5	
24	9	33.4	12.6	1.69	0	5	5	
	10	37.0	15.4	1.76	0	5	5	
	12	40.6	18.7	1.78	0	5	5	
	14	38.6	18.9	1.60	0	5	4	B.
	15	33.6	16.5	1.39	0	5	4	B.
25	9	18.0	9.8	0.67	9	0	3	B.
	10	20.4	16.5	0.32	10	0	4	B.
	12	26.0	13.2	1.04	10	0	4	B.
	14	21.5	12.6	0.65	10	0	4	B.
	15	17.2	11.1	0.50	10	0	4	B.
26	9	17.6	10.2	0.60	10	0	4	
	10	20.5	11.3	0.75	10	0	3	
	12				10	0	4	LL.
	14				10	0	4	LL.
	15				10	0	4	Z.
27	9	17.0	10.6	0.52	10	0	5	
	10	23.5	13.0	0.85	10	0	5	
	12	40.0	19.2	1.69	7	3	5	
	14	24.7	16.0	0.71	10	0	5	
	15	26.6	15.5	0.90	9	3	5	
28	9	17.0	9.4	0.62	10	0	1	N.
	10	19.5	12.0	0.61	10	0	2	N.
	12	18.8	12.8	0.49	8	2	2	N.
	14	22.9	18.8	0.33	9	0	3	
	15	18.1	14.1	0.32	9	0	4	
29	9	20.4	13.8	0.54	10	0	4	
	10	21.0	14.5	0.53	10	0	4	
	12				10	0	4	LL.
	14	24.2	16.7	0.61	10	0	5	
	15	20.7	16.0	0.38	10	0	5	
30	9	17.1	10.1	0.57	10	0	5	
	10	20.8	11.3	0.77	10	0	5	
	12	24.0	12.7	0.92	10	0	5	
	14	27.0	13.8	1.07	10	0	5	
	15	22.4	12.5	0.80	9	0	5	
31	9	31.0	11.4	1.59	0	5	5	
	10	37.0	15.4	1.76	0	5	5	
	12	40.3	18.7	1.76	0	5	5	
	14	39.4	19.0	1.66	0	5	5	
	15	37.5	18.5	1.54	0	5	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.8	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.8	0.3			8.6	10.4	83
2			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.3	10.4	89
3			0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2			8.0	10.4	77
4			0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	1.0			9.2	10.5	88
5			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.5	10.5	90
6		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1		9.7	10.5	92
7			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.4	10.6	89
8		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			10.1	10.6	95
9				0.7		0.2	0.5					0.2			1.6	10.6	15
10			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		9.9	10.7	92
11			0.4		0.1	0.2	0.8	1.0	1.0	1.0	0.9	1.0	0.2		6.6	10.7	62
12			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.8	10.7	92
13			0.8	0.2	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0			8.3	10.8	77
14			0.9	1.0	1.0	1.0	0.7	1.0	1.0	1.0	0.6	0.4			8.6	10.8	80
15			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.6	10.8	89
16		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	10.8	96
17			1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.2	0.2			7.9	10.9	72
18			0.4	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			8.6	10.9	79
19				0.8	1.0	1.0	1.0	1.0	1.0	0.9	0.9				7.6	10.9	70
20				0.7	0.5	0.9	0.8	0.4		0.4	0.4				4.1	11.0	37
21								0.4	0.9	1.0	1.0	0.5			3.8	11.0	34
22		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.9	11.0	90
23		0.2	0.1	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.9	0.2		9.0	11.0	82
24		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.5	11.1	94
25			0.3	0.8				0.4	0.3						1.8	11.1	16
26															0.0	11.1	00
27			0.1		0.1	0.1	0.9	0.4	0.2		0.7	0.7			3.2	11.2	29
28							0.4	0.9	0.2						1.5	11.2	13
29			0.4	0.4		0.1									0.9	11.2	08
30							0.2	0.4	0.7	0.1			0.3		1.7	11.3	15
31		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.0	11.3	97
Medias		0.0	0.5	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.1		7.1	10.8	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	8.8	10.2	9.8	8.6	9.4	9.5	9.0	8.9	9.2	10.0	9.7	9.8	11.9	11.7	11.6
2	8.0	10.1	10.0	7.8	8.8	9.3	8.2	8.2	8.6	9.2	9.1	9.2	11.4	11.3	11.1
3	9.1	11.6	11.4	8.5	10.0	10.5	8.4	8.8	9.4	9.2	9.2	9.5	11.1	11.1	11.1
4	9.2	11.5	10.7	8.9	10.1	10.2	8.9	9.1	9.6	9.6	9.5	9.8	11.3	11.3	11.3
5	8.9	11.2	10.2	8.6	9.9	9.9	8.7	9.0	9.4	9.6	9.4	9.8	11.3	11.3	11.2
6	7.8	10.8	10.2	7.8	9.4	9.7	8.5	8.5	9.2	9.6	9.2	9.5	11.3	11.2	11.1
7	8.0	10.8	10.6	7.8	9.4	9.8	8.2	8.5	9.2	9.2	9.1	9.4	11.1	11.1	11.0
8	8.8	11.6	11.2	8.5	10.2	10.3	8.6	9.0	9.6	9.4	9.4	9.7	11.1	11.2	11.1
9	9.6	11.2	10.8	9.0	10.1	10.1	9.0	9.0	9.4	9.6	9.4	9.6	11.3	11.2	11.2
10	9.7	11.8	11.2	9.0	10.4	10.4	8.8	9.2	9.7	9.4	9.6	9.8	11.1	11.2	11.2
11	8.8	11.0	10.4	8.6	9.6	9.8	8.6	8.6	9.2	8.4	9.3	9.4	11.2	11.2	11.1
12	7.6	11.0	10.3	7.6	9.3	9.5	8.0	8.3	9.0	9.0	8.8	9.2	10.9	10.9	10.8
13	8.5	11.2	11.0	8.0	9.3	10.0	8.2	8.2	9.0	9.0	8.8	9.1	10.8	10.8	10.7
14	9.4	12.4	12.0	8.8	10.3	10.9	8.6	8.9	9.7	9.2	9.2	9.6	10.9	10.9	11.0
15	10.2	13.4	13.4	9.5	11.2	12.1	9.2	9.6	10.6	9.6	9.8	10.2	11.2	11.2	11.3
16	11.2	13.2	12.0	10.7	11.8	11.5	10.2	10.4	10.8	10.4	10.4	10.7	11.6	11.8	11.8
17	9.6	12.8	12.6	9.3	11.0	11.5	9.6	9.8	10.4	10.4	10.2	10.4	11.9	11.8	11.8
18	12.0	15.0	14.7	11.1	12.9	13.3	10.4	11.0	11.8	10.8	10.8	11.4	12.0	12.1	12.3
19	13.8	15.9	15.2	12.7	14.1	14.0	11.8	12.2	12.6	11.8	12.0	12.3	12.7	12.8	13.0
20	13.9	16.0	16.0	12.9	14.2	14.5	12.1	12.4	13.0	12.2	12.3	12.6	13.2	13.3	13.4
21	14.4	15.0	14.1	13.5	14.7	13.5	12.6	12.6	12.6	12.8	12.6	12.6	13.6	13.6	13.6
22	11.0	13.3	12.2	11.1	12.1	12.0	11.2	11.2	11.4	12.0	11.8	11.8	13.5	13.4	13.2
23	9.8	12.6	11.8	9.8	11.3	11.4	10.2	10.4	11.0	11.3	11.0	11.4	13.0	12.9	12.7
24	9.0	12.8	12.0	9.2	11.3	11.5	9.6	10.0	10.8	10.8	10.6	11.0	12.6	12.5	12.6
25	9.6	11.8	11.6	9.5	10.5	10.7	9.7	9.8	10.2	10.7	10.5	10.6	12.5	12.4	12.2
26	11.0	11.8	11.9	10.3	10.9	11.0	9.8	10.0	10.3	10.4	10.5	10.6	12.1	12.1	12.1
27	10.4	13.0	12.4	9.8	11.4	11.5	9.6	10.0	10.5	10.3	10.3	10.6	12.0	12.0	12.0
28	11.3	13.4	13.2	10.6	11.8	12.0	10.0	10.4	12.9	10.6	10.6	13.0	12.1	12.2	12.2
29	12.1	13.8	13.4	11.3	12.3	12.4	10.6	10.9	11.3	11.0	11.0	11.2	12.3	12.4	12.4
30	12.4	12.8	11.8	11.5	11.8	11.4	10.8	10.8	10.8	11.2	11.2	11.2	12.5	12.5	12.5
31	8.8	12.8	11.6	9.0	11.0	11.0	9.4	9.6	10.2	10.6	10.4	11.6	12.4	12.2	12.0
Prom.	10.1	12.4	11.9	9.7	11.0	11.1	9.6	9.8	10.4	10.2	10.2	10.5	11.9	11.9	11.8

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	0.5	0.7	0.7	1.6	G.4	18.0	22.4	23.2	19.4	15.5	7424
2					0	0.2	2.0	1.3	3.9							7397
3					0	0.6	0.9	0.7	1.9							7390
4					0	0.3	1.0	1.0	2.2							7432
5					0	0.2	1.0	1.0	2.3	G.5	16.2	16.5	23.7			7458
6					0	0.3	1.3	1.0	2.5							7465
7					0	0.2	1.2	0.9	2.3							7476
8					0	0.2	1.5	1.0	2.8							7466
9					2	0.3	0.7	0.2	0.9							7243
10	1.5	2.0	1.1	0.0	1	0.0	1.3	1.6	3.3	G.6	15.8	18.1	24.0			7249
11					0	0.4	0.5	0.9	1.6							7294
12					0	0.2	1.3	2.0	4.6							7299
13					0	1.3	1.7	1.6	4.0							7265
14					0	0.7	1.7	1.3	3.6							7252
15					0	0.6	3.6	3.1	8.9							7241
16					0	2.2	2.1	1.1	3.5	G.7	13.2	16.0	22.3			7295
17					0	0.3	2.6	2.4	6.7							7296
18					0	1.7	1.9	1.4	4.5							7259
19					0	1.2	1.4	1.4	4.2							7275
20					0	1.4	1.1	1.0	2.5	G.8	10.9	13.8	21.5	18.2		7290
21					0	0.4	0.5	1.1	2.3							7327
22					0	0.7	1.5	0.9	2.6							7352
23					0	0.2	1.4	1.0	2.5							7348
24					0	0.1	1.0	0.9	2.0							7359
25					0	0.1	0.6	0.6	1.6	G.9	11.3	12.0	21.5			7358
26	0.2	0.5	0.0	0.0	2	0.4	0.3	0.3	0.8							7342
27	1.9	2.2	1.3	0.0	2	0.2	0.6	0.5	1.2							7321
28					1	0.1	0.3	0.4	0.8							7309
29					1	0.1	0.7	0.7	1.6							7304
30	0.0	0.0	0.0	0.0	0	0.2	1.2	1.1	2.7	G.10	7.5	13.4	23.2			7341
31					0	0.4	2.5	2.6	6.5							7381
Prom.	3.6	4.7	2.4	0.0	-	0.5	1.3	1.2	3.0	-	-	-	-	-	-	7339

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
11.9	11.8	11.6	13.0	13.2	13.0	16.0	17.9	-4.1	Ca. m., Cn. t., Ca. n., h. m., r. n., Jl. n.
11.5	11.4	11.2	12.8	13.0	13.0	16.0	17.8	-5.4	Ca. m., Cn. t. y n., h. m., r. n.
11.2	11.2	11.1	12.9	13.0	12.9	16.0	17.8	-0.2	Cn. m. y t., Ca. n., r. m. y n.
11.3	11.4	11.3	12.8	12.8	12.8	16.0	17.8	-1.4	Cn. m. t. y n., r. m. y n.
11.3	11.3	11.2	12.6	12.8	12.7	15.9	17.7	-2.4	Cn. m., Ca. t. y n., h. m., r. n.
11.3	11.3	11.1	12.5	12.6	12.6	16.0	17.7	-5.7	Ca. m. t. y n., h. m., r. n.
11.2	11.2	11.1	12.4	12.6	12.6	16.0	17.7	-4.6	Ca. m. y t., Cn. n., h., N. m.
11.1	11.2	11.1	12.5	12.6	12.5	15.9	17.6	-3.1	Ca. m. t. y n., h. m., r. m. y n.
11.3	11.3	11.2	12.4	12.6	12.5	15.8	17.6	-1.5	Cn. m. y t., Ca. n., r. m., LL. t., N.d.v. n.
11.2	11.2	11.1	12.2	12.5	12.4	15.7	17.5	1.5	Ca. m. t. y n., r. m.
11.2	11.2	11.1	12.3	12.4	12.4	15.7	17.5	-1.7	Cn. t., Ca. n., N. m.
11.1	11.0	10.9	12.2	12.4	12.4	15.6	17.5	-6.5	Ca. m. t. y n., h. r. m., B. t.
10.9	11.0	10.8	12.3	12.4	12.3	15.5	17.5	-2.0	Cn. m. y t., Ca. n., r. m. t. y n.
10.9	11.0	11.0	12.2	12.3	12.3	15.5	17.4	0.5	Ca. m. t. y n., r. m.
11.1	11.3	11.3	12.2	12.2	12.2	15.5	17.4	0.9	Cn. m., Ca. t. y n., r. m.
11.5	11.6	11.6	12.4	12.4	12.4	15.5	17.3	1.8	Ca. m. t. y n., r. m. y n.
11.8	11.9	11.7	12.4	12.4	12.5	15.4	17.3	-3.0	Ca. m. y n., Cn. t., r. m.
12.0	12.1	12.1	12.5	12.5	12.5	15.4	17.3	5.8	Cn. m., Ca. t. y n., N. m., B. t.
12.5	12.7	13.0	12.5	12.5	12.5	15.2	17.2	9.4	Cn. m. t. y n., r. m., B. t.
13.0	13.2	13.2	12.7	12.7	12.7	15.2	17.2	9.5	Cn. m. t. y n., r. m., B. m. y t.
13.4	13.5	13.4	12.4	12.4	12.4	15.3	17.2	10.6	Cn. m. y t., Ca. n.
13.4	13.4	13.1	13.0	13.1	13.1	15.2	17.1	-2.6	Ca. m. t. y n., r. m. y n.
13.1	13.0	12.7	13.1	13.1	13.1	15.2	17.1	-4.9	Ca. m., Cn. t. y n., h. m., Dl. n.
12.7	12.7	12.5	12.9	13.2	13.1	15.3	17.2	-5.5	Ca. m. t. y n., h. m., B. t., r. n.
12.5	12.5	12.3	13.0	13.1	13.0	15.1	17.0	-4.5	Ca. m., Cn. t. y n., N. r. m., B. t.
12.2	12.2	12.1	13.0	13.0	13.0	15.1	17.0	5.5	Cn. m. t. y n., LL. t., Jl. n.
12.1	12.1	12.0	12.9	13.0	13.0	15.1	17.0	0.2	Cn. m. y t., Ca. n., r. m. y n.
12.1	12.2	12.1	13.0	13.0	13.0	15.2	17.0	1.2	Cn. m. t. y n., N. d.v. m., Ne. t.
12.2	12.4	12.3	13.0	13.0	13.0	15.1	17.0	5.4	Cn. m. t. y n,r. m. y n,LL. t,Dl.Jl.N. n.
12.4	12.5	12.4	13.0	13.0	12.9	15.0	17.0	4.2	Cn. m. y t., Ca. n.
12.4	12.4	12.2	12.9	12.9	13.0	15.2	17.0	-7.5	Ca. m. t. y n., h. m., r. m.
11.9	11.9	11.8	12.6	12.7	12.7	15.5	17.4	-0.3	

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	63.2	69.0	7	8-9	54.3	2	15-16	7.1	13.9	1.8	16.4	3	14	-0.9	1	7	8.5	10.5	81
2ª	61.2	71.9	11	23	53.2	15	16	11.8	18.6	5.5	24.4	15	14-15	-2.4	12	7	8.2	10.8	75
3ª	64.8	72.5	24	21	54.6	29	16	8.4	13.7	3.0	15.6	21	14	-2.3	31	4	4.8	11.1	43
MES	63.1	72.5	24	21	53.2	15	16	9.1	15.4	3.4	24.4	15	14-15	-2.4	12	7	7.1	10.8	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	75	100	5,7-10	33	5,8	5.4	9.0	3.4	SW	9	40	2	36	2	13-14	37	NW	2	13.04 14.32	2.0	2.0	10	-	-	-
2ª	68	100	17	25	17	6.9	13.1	3.4	N	10	40	15	35	15	11-12	38	NW	15	12.40	-	-	-	-	-	-
3ª	79	100	21,24 26-28	23	31	6.3	10.9	2.8	SE	7	28	31	22	31	10-11 13-14 15-16	28	S	30	9.44	2.7	2.2	27	-	-	-
MES	74	100		23	31	6.2	13.1	2.8	SE	7	40	2/15	36	2	13-14	38	NW	15	12.40	4.7	2.2	27	-	-	-

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	9	6	-	-	-	-	-	-	1	-	-	4	3	4	-	-
2ª	8	1	-	-	-	-	-	-	-	-	-	2	2	1	-	-
3ª	6	3	-	-	-	-	2	-	2	-	-	2	7	2	-	-
MES	23	10	-	-	-	-	2	-	3	-	-	8	12	7	-	-

BOLETIN MENSUAL

DEL

OBSERVATORIO DE SAN MIGUEL

Vol. II SEPTIEMBRE 1947 Nº. 9

RESUMEN MENSUAL

La primera semana del mes es de buen tiempo con aire frío,caldeándose lentamente. Registran en ella la presión su máxima mensual, y la temperatura y tensión del vapor sus valores mínimos. Este calentamiento del aire es luego interrumpido por una zona frontal que se presenta el 8, motivando además de gran nubosidad hasta el fin de la década , ligeras lluvias el 8 y el 9.

Rasgo característico de la segunda década es la prevalencia de corrientes del sector E. La afluencia de aire húmedo altera en gran parte el comportamiento de todos los elementos.Predomina pues,tiempo húmedo,gran nubosidad y ligeras lluvias,con temperaturas algo inferiores al valor normal.Sólo durante los dos últimos días mejora el estado del tiempo, coincidiendo con la fecha del comienzo de la primavera astronómica la iniciación del ambiente propio de dicha estación del año.

Una suave corriente del N,con buen tiempo y temperaturas máximas diarias superiores a los 20.0°C,se registran los primeros tres días de la última década. Por la tarde del 23 se aproxima un frente frío portador de lloviznas y lluvias que descargan en la noche del mismo día.No obstante,el buen tiempo se restablece ya el 24,aunque las temperaturas meridianas de los dos días subsiguientes no alcancen los 20.0°C. El 27 marca el termómetro su valor máximo mensual con 27.0°C;por primera vez el promedio diario excede el límite de los 20.0°C.La presión que se mantenía durante el transcurso del mes en un nivel alto,desciende considerablemente los últimos tres días hasta alcanzar el 29 su valor mínimo mensual.El mes finaliza con el avance de una fuerte corriente de aire fresco que llega al Río de la Plata en la noche del 29 al 30.

El promedio de la presión resulta ser 2 mb superior a su importe normal,siendo la temperatura también superior en medio grado al promedio mensual.

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	24	32	42	16	28	23	28	52	58	24	54	62	62	62	72
2	48	68	44	29	8	11	16	30	30	40	16	32	48	44	42
3	52	52	56	60	62	66	106	149	155	120	68	62	20	46	40
4	147	167	147	182	210	159	165	167	48	36	4	6	42	62	70
5	40	40	16	- 6	16	32	28	42	-62	0	48	60	62	56	56
6	-	-	-	12	18	40	36	66	52	56	62	72	48	76	106
7	-	-	-	-	-	-	-	-	-	-	48	46	62	44	42
8	36	36	-	-	-	-	-	-	-	-	36	45	24	26	40
9	48	44	42	46	44	44	52	76	84	70	86	96	118	147	112
10	±∞	±∞	±∞	±∞	±∞	58	56	±∞	±∞	42	52	75	72	82	88
11	62	70	84	64	52	68	82	102	100	80	80	88	74	78	74
12	-	-	-	-	-	-	-	20	24	28	42	53	86	108	60
13	126	120	100	76	56	110	108	60	22	-128	±∞	±∞	14	66	84
14	94	92	104	100	94	108	54	110	56	80	100	113	132	147	120
15	54	52	58	52	52	64	82	48	8	-60	- 4	32	66	70	54
16	58	54	64	48	44	+ ∞	±∞	±∞	94	163	88	106	128	151	136
17	28	14	36	52	38	-40	40	56	64	106	76	123	132	130	132
18	159	169	181	163	173	+ ∞	+ ∞	+ ∞	214	118	130	122	159	136	120
19	100	116	120	44	90	114	108	+ ∞	214	157	100	92	84	88	96
20	-	-	-	-	-	-	-	-	52	60	60	80	80	72	68
21	-	-	-	-	-	-	-	-	-	68	66	70	114	126	84
22	-	-	-	-	-	-	44	28	42	72	76	66	66	44	88
23	54	52	54	72	76	81	60	72	56	76	78	110	20	14	16
24	36	104	96	40	46	54	68	122	128	102	94	88	66	56	58
25	-	-	-	-	-	-	-	86	112	100	110	85	78	88	76
26	24	-	-	-	-	-	28	52	64	60	54	58	82	68	68
27	52	54	56	48	36	44	68	72	70	52	8	57	56	58	34
28	30	24	18	8	8	- 8	- 4	-16	-28	2	34	33	54	54	34
29	32	28	22	14	10	14	10	30	30	18	20	9	- 2	- 4	4
30	-	-	-	-	66	76	84	90	96	104	100	- 8	- ∞	-40	-40
31															
Prom.	49.2	46.8	56.0	54.8	53.2	56.2	56.0	88.6	83.4	80.0	76.8	91.2	92.8	106.4	95.2

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	7.15	7.79	14.94	0.90	10.05	10.68	20.73	0.94	0.67	0.95	1.62	0.70	1.14	1.36	2.50	0.84
2	5.19	6.69	11.88	0.78	5.62	7.64	13.36	0.73	-	-	-	-	0.38	0.52	0.90	0.73
3	6.50	11.06	17.57	0.59	11.31	9.69	20.99	1.18	0.92	1.13	2.05	0.81	1.10	1.05	2.15	1.05
4	6.31	8.52	14.83	0.74	5.03	1.82	6.86	2.79	0.63	0.92	1.55	0.68	0.46	0.31	0.77	1.48
5	6.16	7.49	13.65	0.83	6.66	6.22	12.88	1.06	0.87	0.90	1.77	0.97	0.78	0.69	1.47	1.13
6	7.49	8.23	15.72	0.91	2.92	3.40	6.33	0.87	1.00	0.99	1.99	1.01	0.36	0.40	0.76	0.90
7	7.52	9.80	17.31	0.77	7.92	9.07	16.99	0.88	1.05	1.24	2.29	0.85	0.97	1.10	2.07	0.88
8	-	-	-	-	6.03	13.27	19.30	0.45	-	-	-	-	0.60	0.74	1.34	0.81
9	7.37	9.60	16.97	0.77	3.44	4.69	8.12	0.73	0.91	1.03	1.94	0.88	0.44	0.46	0.90	0.96
10	7.92	15.09	23.02	0.52	8.42	13.49	21.91	0.62	0.99	1.12	2.11	0.88	0.84	1.05	1.89	0.80
11	4.85	6.28	11.13	0.77	10.61	10.18	20.79	1.04	0.80	0.84	1.64	0.95	1.45	1.65	3.10	0.88
12	2.38	3.43	5.81	0.70	2.48	2.93	5.41	0.85	0.26	0.37	0.63	0.70	0.27	0.32	0.59	0.84
13	2.33	3.82	6.16	0.62	3.17	5.89	9.06	0.53	0.18	0.26	0.44	0.69	0.21	0.32	0.53	0.66
14	3.71	3.34	7.05	1.09	3.90	4.39	8.29	0.90	0.45	0.32	0.77	1.41	0.45	0.51	0.96	0.88
15	6.96	[illegible]04	13.99	0.99	7.80	8.20	16.00	0.95	0.62	0.62	1.24	1.00	1.00	1.06	2.06	0.94
16	-		-	-	10.72	13.02	23.74	0.82	0.28	0.40	0.68	0.70	0.94	1.50	2.44	0.63
17	5.9[illegible]	9.59	15.54	0.63	11.37	12.80	24.17	0.89	0.82	0.82	1.64	1.00	1.58	1.69	3.27	0.93
18	4.53	10.13	14.65	0.44	3.59	4.96	8.55	0.71	0.66	0.66	1.32	1.00	0.44	0.55	0.99	0.80
19	4.28	6.56	10.85	0.64	8.52	9.26	17.78	0.93	0.95	0.92	1.87	1.03	1.02	1.21	2.23	0.84
20	9.87	10.70	20.57	0.92	9.61	8.63	18.24	1.10	1.12	1.08	2.20	1.04	1.11	1.41	2.52	0.79
21	8.98	9.50	18.49	0.95	1.82	4.12	5.94	0.44	1.14	0.55	1.69	2.07	0.29	0.56	0.85	0.52
22	7.23	8.05	15.28	0.90	8.26	7.16	15.42	1.16	1.05	1.14	2.19	0.92	1.08	0.99	2.07	1.09
23	1.90	3.42	5.33	0.54	7.22	11.23	18.45	0.64	0.29	0.32	0.61	0.91	0.91	1.12	2.03	0.81
24	9.13	11.80	20.92	0.76	-	-	-	-	1.10	1.36	2.46	0.81	-	-	-	-
25	6.66	8.00	14.66	0.83	2.67	2.83	5.51	0.94	0.73	1.08	1.81	0.68	0.40	0.37	0.77	1.08
26	7.25	10.35	17.60	0.70	5.14	5.45	10.59	0.94	0.99	1.11	2.10	0.89	0.79	0.92	1.71	0.86
27	6.80	7.93	14.74	0.86	6.59	5.80	12.39	1.13	0.92	1.04	1.94	0.88	0.94	0.94	1.88	1.00
28	3.97	6.56	10.53	0.60	3.41	4.14	7.56	0.85	0.55	0.69	1.24	0.80	0.44	0.47	0.91	0.94
29	-	-	-	-	-	-	-	-	0.90	1.05	1.95	0.86	1.68	1.91	3.59	0.88
30	8.44	9.45	17.88	0.90	3.93	6.10	10.03	0.64	1.16	1.06	2.22	1.09	0.44	0.45	0.89	0.98
31																
Prom.	6.18	8.13	14.34	0.76	6.36	7.40	13.76	0.92	0.79	0.86	1.64	0.94	0.78	0.88	1.66	0.89

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit	Tipo de Curva
80	157	163	64	84	78	90	66	56	61.8	∞	-42	-	1
42	52	72	88	104	58	42	48	58		116	-24	140	2
40	14	92	88	76	76	76	100	110	74.4	186	-74	250	1
88	122	116	64	88	116	88	82	62		∞	-124	-	2
48	36	-	-	-	-	-	-	-		92	-116	208	2*
88	175	190	-	-	-	-	-	-		237	0	237	0*
10	30	70	100	92	38	40	48	38		136	-46	182	2*
48	70	88	±∞	±∞	20	46	42	44		∞	-∞	-	3*
80	62	58	82	124	126	84	68	4	74.9	∞	-∞	-	1
84	62	42	56	68	60	96	54	68		∞	-∞	-	3*
80	86	80	70	112	144	96	-	-		182	-38	220	1*
60	-	-	-	-	-	84	92	112		163	- 8	171	1*
28	56	2	8	16	-12	40	56	80		∞	-∞	-	3*
136	153	92	86	72	50	58	60	56	94.4	218	-12	230	1
82	151	128	60	118	104	80	72	68		202	-175	377	2
130	98	122	86	84	58	44	56	32		∞	-∞	-	3*
112	116	112	128	118	138	134	146	173	93.5	186	- 4	190	1
92	50	66	-	74	128	84	136	126		∞	20	-	0*
90	80	56	-	-	-	-	-	-		∞	-36	-	1*
72	60	42	48	36	-	-	-	-		118	4	114	0*
78	-24	- 8	8	18	26	32	32	18		210	-161	371	2*
80	80	96	161	175	80	64	32	64		∞	-112	-	1*
40	24	40	±∞	±∞	±∞	40	52	26		∞	-∞	-	3*
68	70	60	54	46	-	92	-	-		173	20	153	0*
68	- 4	10	12	4	-32	-20	0	20		157	-86	243	2*
32	40	40	64	102	94	70	46	44		182	-16	198	1*
16	58	142	159	182	144	100	46	42		235	-100	335	2
-10	63	92	46	60	52	58	70	50		159	-112	271	2
8	4	8	8	12	12	12	-	-		60	-22	82	2*
48	84	114	116	120	104	104	96	92		194	-∞	-	3*
89.6	100.4	103.4	89.6	94.8	93.6	88.4	88.0	79.8	79.8				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
52	60	74	3.24	6.17	-	-	-	-	-	-
14	32	42	-	1.26	-	-	-	-	-	-
52	72	46	4.92	3.30	-	-	-	-	-	-
- 2	- 2	124	-0.10	3.18	-	-	-	-	-	-
52	56	40	3.30	1.96	-	-	-	-	-	-
72	58	179	3.85	4.53	-	-	-	-	-	-
44	44	52	3.36	3.59	-	-	-	-	-	-
40	46	84	-	3.75	-	-	-	-	-	-
86	92	54	5.95	1.62	-	-	-	-	-	-
68	78	52	5.49	3.28	-	-	-	-	-	-
78	88	86	4.81	8.89	-	-	-	-	-	-
48	50	-	1.05	-	-	-	-	-	-	-
±∞	-∞	58	-	1.02	-	-	-	-	-	-
104	106	161	2.72	5.15	-	-	-	-	-	-
12	14	157	0.58	10.78	-	-	-	-	-	-
92	122	100	2.76	8.13	-	-	-	-	-	-
82	110	112	6.01	12.21	-	-	-	-	-	-
14	124	42	5.46	1.39	-	-	-	-	-	-
110	94	70	5.86	5.20	-	-	-	-	-	-
68	80	52	5.87	4.37	-	-	-	-	-	-
60	76	-12	4.28	-0.34	-	-	-	-	-	-
70	64	96	4.67	6.62	-	-	-	-	-	-
68	126	22	2.56	1.49	-	-	-	-	-	-
104	92	68	7.54	-	-	-	-	-	-	-
90	90	-12	5.43	-0.31	-	-	-	-	-	-
54	54	52	3.78	2.96	-	-	-	-	-	-
- 4	42	72	2.72	4.51	-	-	-	-	-	-
40	28	114	1.16	3.46	-	-	-	-	-	-
18	8	4	0.52	0.48	-	-	-	-	-	-
90	52	112	3.85	3.32	-	-	-	-	-	-
58	67	72	3.76	4.00	-	-	-	-	-	-

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.1	62.7	62.2	62.1	62.4	62.5	62.9	63.2	63.1	63.0	62.9	62.1	61.2	60.4	59.9
2	60.9	60.6	60.5	61.2	61.5	61.6	62.4	62.7	62.7	62.6	62.5	62.4	62.1	61.4	61.3
3	68.9	69.1	69.4	70.0	70.9	71.3	71.8	72.9	73.7	73.8	73.7	73.6	72.7	72.6	72.4
4	74.5	73.9	73.6	73.3	73.5	73.7	73.9	74.0	73.9	73.9	73.2	72.5	72.1	71.3	70.9
5	69.0	68.9	68.3	67.5	67.4	67.7	68.4	68.4	68.1	68.0	67.7	67.4	66.5	65.8	65.6
6	65.8	65.7	65.5	65.5	65.6	65.7	65.8	65.9	65.9	65.9	65.6	64.8	63.8	63.5	62.8
7	63.2	63.1	62.7	62.5	63.0	63.2	63.4	63.7	63.4	63.2	62.9	62.4	61.6	60.8	60.0
8	59.2	58.5	58.1	57.5	57.7	58.1	58.2	58.0	57.7	57.7	57.4	57.3	56.4	56.2	57.2
9	60.5	60.8	60.6	60.5	60.8	61.2	61.5	62.4	62.4	62.3	62.1	61.8	60.9	60.3	60.0
10	59.2	60.0	59.6	59.2	58.4	58.6	59.4	60.0	59.9	59.7	59.5	59.3	58.6	58.0	57.7
11	60.5	60.9	60.5	61.6	61.5	62.2	62.3	63.1	63.2	62.9	62.7	62.5	62.3	62.1	62.0
12	67.2	67.3	67.5	67.8	68.2	69.0	69.0	69.9	70.0	70.6	70.7	70.5	70.2	70.0	69.9
13	71.3	70.6	70.5	70.4	70.1	70.3	72.2	72.3	71.8	72.3	71.5	71.2	70.4	70.2	70.1
14	70.5	70.3	70.2	70.2	70.4	70.5	70.7	71.0	70.8	70.6	70.4	70.2	69.4	69.0	68.5
15	67.9	67.7	67.6	67.3	67.3	67.2	66.8	66.4	65.8	65.7	65.5	64.7	63.8	62.8	62.0
16	61.9	61.8	62.0	62.1	62.2	63.0	63.6	63.6	63.9	64.1	64.3	64.2	63.3	62.6	62.2
17	66.0	66.2	66.1	66.1	66.2	66.2	66.7	67.1	67.2	67.6	67.0	66.8	66.0	65.9	65.9
18	65.9	65.5	64.8	64.7	64.8	65.0	65.4	65.5	65.5	65.3	65.0	64.7	63.9	63.1	62.4
19	61.4	61.1	61.2	61.2	61.2	61.5	61.7	62.0	62.0	61.7	61.3	60.9	60.2	59.9	59.4
20	60.7	60.6	60.4	60.5	60.5	60.8	61.3	61.4	61.4	61.4	61.3	60.8	60.3	60.0	59.4
21	60.4	60.3	60.2	60.2	60.4	60.6	60.8	60.8	60.7	60.5	60.4	60.2	59.4	58.9	58.4
22	59.3	58.6	58.5	58.6	58.6	59.0	59.1	59.1	58.7	58.5	58.5	57.9	56.8	56.0	55.8
23	56.4	56.0	55.7	55.6	55.8	55.9	56.4	56.6	56.7	56.6	55.9	55.5	54.8	54.6	54.4
24	58.2	57.8	57.7	57.9	58.5	58.6	58.8	59.7	60.2	60.5	60.4	59.9	59.7	59.7	59.7
25	62.1	61.7	61.1	61.1	61.1	61.4	61.6	61.6	61.6	61.4	60.9	60.1	59.3	58.6	57.8
26	56.8	56.5	56.0	55.9	56.0	56.3	57.0	57.0	57.0	57.3	57.0	56.5	56.2	55.6	55.4
27	56.2	55.6	55.5	55.4	55.5	55.5	56.0	56.0	55.7	55.3	54.7	53.6	53.2	52.2	51.5
28	52.2	51.9	51.8	52.9	53.6	53.6	54.8	55.8	55.9	55.9	55.9	55.7	54.9	54.1	54.1
29	54.0	53.3	52.9	52.6	52.3	51.7	51.6	51.2	51.0	51.0	51.0	50.8	50.3	50.2	50.2
30	54.4	54.1	54.5	54.9	55.7	56.7	58.0	58.6	59.0	59.7	59.7	59.6	59.7	60.3	60.3
31															
Prom	62.2	62.0	61.8	61.9	62.0	62.3	62.7	63.0	63.0	63.0	62.7	62.3	61.7	61.2	60.9

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	4.8	4.4	4.6	4.4	4.6	4.6	4.4	5.6	4.8	4.2	4.2	4.6	4.8	4.7	4.4
2	5.2	5.4	5.6	5.6	5.0	5.4	5.0	5.7	5.6	6.0	6.0	5.8	5.6	5.9	6.2
3	7.6	6.6	6.4	6.4	6.0	5.8	5.8	6.0	5.6	5.0	4.6	4.2	3.8	4.2	4.4
4	5.0	4.4	4.4	4.4	4.2	4.2	4.4	4.6	5.4	5.0	5.0	4.8	4.6	4.7	4.8
5	6.2	5.8	6.4	6.2	6.4	6.4	6.0	6.4	6.4	6.6	7.0	6.8	6.6	8.0	8.0
6	8.0	8.0	8.0	8.0	7.2	6.6	6.8	9.4	10.0	9.5	7.8	6.6	7.6	8.3	7.6
7	7.4	7.8	7.8	7.8	7.8	7.6	7.6	8.7	8.0	7.8	7.4	9.0	7.4	7.4	7.8
8	8.0	9.0	9.5	9.5	9.5	9.5	9.5	9.8	10.5	9.5	10.0	9.0	9.5	10.5	12.0
9	8.0	7.6	7.4	7.4	7.2	7.0	7.0	7.2	7.0	7.0	7.2	7.2	6.8	7.3	7.8
10	7.8	7.8	7.8	7.8	8.5	8.0	8.0	8.7	9.0	8.5	8.5	9.0	10.0	9.7	9.5
11	8.5	8.5	9.0	9.0	9.0	9.0	9.0	8.7	9.5	10.0	6.6	6.2	5.2	4.4	4.4
12	7.0	6.4	6.4	6.0	5.6	5.4	5.6	6.4	6.2	6.2	6.4	5.4	6.4	6.1	6.4
13	5.6	5.6	5.8	5.8	5.4	5.6	5.6	6.0	6.0	6.2	6.4	7.2	6.8	6.3	7.6
14	7.8	7.2	6.8	6.2	6.2	6.6	6.6	8.0	7.6	7.4	7.2	6.6	4.8	6.6	6.6
15	7.0	6.8	6.4	6.6	6.6	6.8	7.0	7.7	7.4	7.4	7.0	7.6	7.4	7.3	7.0
16	8.5	8.5	8.0	8.5	8.5	10.0	8.5	9.7	9.0	9.0	9.5	9.5	8.5	9.2	9.0
17	8.0	7.8	7.6	7.6	7.6	7.6	7.6	7.7	7.6	7.8	7.8	7.8	8.5	8.6	8.0
18	6.6	6.2	6.2	6.0	6.0	6.0	6.6	7.8	8.5	8.0	8.5	8.5	7.8	8.1	7.2
19	5.6	5.6	5.4	5.6	5.6	5.4	6.2	7.5	8.0	7.6	7.6	7.4	7.6	7.3	7.4
20	6.8	6.8	6.0	6.0	6.2	5.8	6.2	8.0	8.5	8.5	8.5	8.0	7.4	8.8	8.0
21	8.0	8.0	7.6	7.6	7.4	7.2	7.2	8.7	8.5	8.5	7.8	7.4	7.4	7.9	7.6
22	9.0	9.0	8.5	9.0	9.0	9.0	9.0	9.5	10.5	10.0	9.5	9.5	9.5	9.1	7.8
23	9.5	10.0	10.0	10.0	10.0	9.5	10.0	10.7	10.0	10.5	10.5	10.5	10.5	10.1	8.0
24	9.0	6.6	7.0	6.8	7.2	7.2	7.0	7.6	7.4	7.4	8.0	7.4	7.0	7.1	6.8
25	6.8	6.8	6.0	5.6	5.6	5.8	6.8	8.0	8.0	6.4	6.2	5.8	5.2	5.2	4.4
26	6.0	6.2	6.2	6.2	6.2	5.4	5.8	7.3	6.6	6.8	5.6	6.2	6.4	6.6	6.2
27	7.6	7.6	7.2	7.2	7.6	7.4	8.0	8.8	9.0	9.0	9.0	9.0	9.5	11.7	11.0
28	12.5	13.0	12.5	13.0	12.0	11.5	11.0	10.6	10.5	12.0	12.0	11.5	11.5	12.0	11.5
29	12.0	12.5	12.5	12.5	12.0	12.0	12.0	13.8	14.0	15.0	14.5	15.5	14.0	13.2	12.0
30	11.0	11.0	10.5	9.0	8.5	8.5	9.5	10.4	9.5	8.5	7.0	6.8	6.6	6.7	6.2
31															
Prom	7.7	7.6	7.4	7.4	7.3	7.2	7.3	8.2	8.2	8.0	7.8	7.7	7.5	7.8	7.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.4	59.3	59.7	60.1	60.2	60.4	60.4	60.5	60.5	63.2	8	59.3	17	3.9	761.4 mm.	1015.2 mb.
61.3	62.1	62.9	63.8	64.4	65.3	66.3	67.2	68.0	68.0	24	60.5	3	7.5	62.8	1017.0
72.4	73.1	73.3	73.8	74.2	74.5	74.6	74.6	74.6	74.6	22-24	68.9	1	5.7	72.6	1030.1
70.3	70.1	70.0	69.9	69.6	69.4	69.2	69.0	68.9	74.5	1	68.9	24	5.6	71.9	1029.2
65.6	65.6	65.8	65.8	65.8	65.8	65.7	65.7	65.7	69.0	1	65.6	15-17	3.4	66.9	1022.5
62.9	62.9	62.9	63.0	63.1	63.2	63.3	63.2	63.2	65.9	8-10	62.8	15	3.1	64.4	1019.2
59.8	59.8	59.8	59.9	60.0	60.0	59.9	59.4	59.4	63.7	8	59.4	23-24	4.3	61.6	1015.4
57.2	57.4	57.2	58.9	58.6	59.5	59.8	60.1	60.3	60.3	24	56.2	14	4.1	58.1	1010.8
60.0	60.0	60.1	60.5	60.3	60.3	60.0	60.2	59.2	62.4	8-9	59.2	24	3.2	60.8	1014.4
58.3	58.6	58.8	59.3	59.6	60.1	60.4	60.4	60.9	60.9	24	57.7	15	3.2	59.3	1012.4
62.2	63.0	63.6	64.3	65.1	65.4	66.1	66.4	66.9	66.9	24	60.5	1,3	6.4	63.0	1017.3
69.9	70.3	70.5	70.6	70.8	71.3	71.7	71.6	71.4	71.7	22	67.2	1	4.5	69.8	1026.4
70.0	69.9	69.7	69.5	69.8	70.2	70.3	70.5	70.4	72.3	8,10	69.5	19	2.8	70.6	1027.4
68.4	68.5	68.6	68.6	68.8	68.9	68.7	68.4	68.3	71.0	8	68.3	24	2.7	69.6	1026.1
61.8	61.5	61.8	61.7	62.1	62.3	62.8	62.8	62.2	67.9	1	61.5	17	6.4	64.5	1019.3
62.7	63.3	64.0	64.7	65.0	65.7	65.9	65.9	65.8	65.9	22-23	61.8	2	4.1	63.7	1018.2
65.8	65.8	65.9	66.2	66.6	66.7	66.6	66.4	66.2	67.6	10	65.8	16-17	1.8	66.4	1021.2
62.3	62.4	62.4	62.4	62.4	62.2	62.2	62.1	62.0	65.9	1	62.0	24	3.9	63.8	1018.4
59.4	59.5	60.2	60.4	60.6	61.2	61.1	61.1	61.1	62.0	8-9	59.4	15-16	2.6	60.9	1014.5
59.4	59.5	59.5	60.1	60.3	60.4	60.4	60.3	60.5	61.4	8-10	59.4	15-16	2.0	60.5	1014.0
58.4	58.3	58.5	58.6	59.0	59.3	59.4	59.5	59.3	60.8	7-8	58.3	17	2.5	59.7	1012.9
55.6	56.4	56.1	55.7	56.2	56.7	57.6	57.5	56.3	59.3	1	55.6	16	3.7	57.6	1010.1
54.6	54.8	55.2	55.8	57.0	57.7	57.5	56.9	57.9	57.9	24	54.4	15	3.5	56.0	1008.0
59.7	60.3	60.5	61.0	61.2	61.9	62.0	62.0	61.9	62.0	22-23	57.7	3	4.3	59.9	1013.2
57.8	57.7	57.4	57.7	57.8	57.5	57.2	57.0	56.9	62.1	1	56.9	24	5.2	59.5	1012.6
55.5	55.7	56.1	56.3	56.3	56.4	56.4	56.4	56.3	57.3	10	55.4	15	1.9	56.3	1008.4
51.5	51.6	51.7	51.9	52.6	52.8	52.8	52.8	52.7	56.2	1	51.5	15-16	4.7	53.8	1005.0
53.9	53.9	54.0	54.5	55.2	55.0	54.8	54.4	54.6	55.9	9-11	51.8	3	4.1	54.3	1005.7
50.7	51.0	51.6	51.8	52.6	52.9	53.5	53.6	54.1	54.1	24	50.2	14-15	3.9	51.9	1002.5
60.8	61.6	62.4	63.2	63.4	63.6	64.2	64.4	64.3	64.4	23	54.1	2	10.3	59.7	1012.9
60.9	61.1	61.3	61.7	62.0	62.2	62.4	62.3	62.3	64.2		60.0		4.2	62.0	1016.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
4.2	5.0	5.6	5.6	5.6	5.2	5.2	5.0	5.0	5.6	8,18-20	4.2	10-11,16	1.4	4.8
6.0	6.6	6.8	7.0	7.6	7.2	7.6	7.8	7.8	7.8	23-24	5.0	5,7	2.8	6.2
4.2	6.2	5.8	5.6	5.7	5.6	4.8	4.8	4.8	7.6	1	3.8	13	3.8	5.4
4.6	5.4	6.0	6.2	6.5	6.8	6.8	5.6	6.0	6.8	21-22	4.2	5-6	2.6	5.2
7.8	7.6	7.8	8.5	7.8	8.0	8.5	8.5	8.0	8.5	19,22-23	5.8	2	2.7	7.2
7.2	7.6	7.4	7.8	8.8	8.5	9.0	8.5	8.0	10.0	9	6.6	6	3.4	8.0
8.5	8.0	8.5	7.8	8.5	8.5	9.5	8.5	7.8	9.5	22	7.4	1,11,13-14	2.1	8.0
12.0	11.5	11.5	11.5	10.4	10.0	9.5	9.0	8.5	12.0	15-16	8.0	1	4.0	10.0
8.0	8.0	7.6	8.0	7.9	7.6	7.6	7.4	7.4	6.8	13	8.0	1,16-17,19	1.2	7.4
9.0	9.0	9.5	9.0	9.1	8.0	7.4	7.6	8.0	10.0	13	7.4	22	2.6	8.6
5.2	5.4	6.4	6.2	6.6	8.0	7.4	7.2	7.2	10.0	10	4.4	14-15	5.6	7.4
6.4	6.6	6.0	5.6	5.3	5.6	5.2	5.2	5.2	7.0	1	5.2	22-24	1.8	6.0
6.6	6.4	6.4	8.0	7.5	8.0	7.8	7.8	7.8	8.0	19,21	5.4	5	2.6	6.6
6.2	7.0	7.4	7.2	7.8	7.6	7.4	7.4	7.4	8.0	8	4.8	13	3.2	7.0
7.6	8.5	9.0	9.0	9.1	7.2	8.5	8.5	8.5	9.1	20	6.4	3	2.7	7.6
8.5	8.0	8.0	8.5	8.7	8.5	8.5	8.0	8.5	10.0	6	8.0	3,17-18,23	2.0	8.7
7.8	7.2	7.8	7.0	7.2	7.0	7.0	6.6	6.6	8.6	14	6.6	23-24	2.0	7.6
6.4	7.0	7.2	7.6	8.1	7.6	6.4	7.2	6.2	8.5	9,11-12	6.0	4-6	2.5	7.2
7.2	7.4	7.8	8.0	7.7	7.2	6.6	6.4	6.6	8.0	9,19	5.4	3,6	2.6	6.9
8.0	8.5	9.0	8.5	8.4	8.0	8.0	8.0	8.5	9.0	18	5.8	6	3.2	7.7
8.0	8.0	8.5	8.5	8.7	8.5	8.0	8.5	8.0	8.7	8,20	7.2	6-7	1.5	8.0
8.5	9.0	9.0	9.0	9.6	10.0	11.5	10.0	9.5	11.5	22	7.8	15	3.7	9.3
8.5	9.5	9.5	11.5	11.8	10.0	10.0	9.0	10.0	11.8	20	8.0	15	3.8	10.0
6.0	6.4	6.8	6.8	7.2	7.0	6.8	6.8	7.0	9.0	1	6.0	16	3.0	7.1
5.0	5.2	5.4	5.4	5.9	5.8	6.0	6.0	6.0	8.0	8-9	4.4	15	3.6	6.0
6.0	7.6	7.4	7.6	6.6	6.0	6.6	6.6	7.6	7.6	17,19,24	5.4	6	2.2	6.5
10.5	11.0	11.5	11.5	12.0	12.0	12.5	12.5	12.5	12.5	22-24	7.2	3-4	5.3	9.8
12.5	13.0	12.0	10.0	9.8	9.0	9.0	10.0	11.0	13.0	2,4,17	9.0	21-22	4.0	11.4
11.5	11.0	11.0	11.0	11.3	11.0	11.5	11.0	11.0	15.5	12	11.0	17-19,21,23-24	4.5	12.4
5.0	5.4	5.8	5.4	5.6	5.0	4.8	5.2	5.0	11.0	1-2	4.8	22	6.2	7.4
7.4	7.8	8.0	8.0	8.1	7.8	7.8	7.7	7.7	9.4		6.3		3.1	7.7

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	81	79	77	80	81	83	79	67	51	37	35	33	32	30	29
2	77	82	86	91	85	86	83	72	55	46	42	38	34	32	32
3	87	89	94	97	99	100	100	88	67	51	41	37	34	35	38
4	87	84	83	81	78	78	77	65	66	58	56	53	49	47	48
5	81	80	86	89	91	91	90	85	75	64	59	54	48	55	56
6	94	99	100	99	96	99	100	90	82	66	53	44	49	52	48
7	77	83	83	87	89	90	91	81	70	55	41	50	39	35	36
8	73	83	90	91	91	91	91	82	71	59	52	50	55	58	87
9	92	94	95	97	98	95	94	89	88	84	79	74	65	60	64
10	89	90	87	88	96	94	94	95	96	95	90	88	88	80	79
11	100	100	100	100	100	100	100	97	95	76	42	38	32	27	29
12	81	83	89	88	86	85	81	78	70	63	72	55	56	60	63
13	77	77	81	82	79	79	80	80	81	82	85	83	72	62	76
14	99	100	100	100	100	100	100	86	75	61	58	53	40	49	48
15	80	80	80	84	84	82	78	70	63	56	54	51	48	46	43
16	73	75	74	77	77	91	90	95	86	89	90	86	75	70	67
17	95	92	94	92	94	94	94	89	86	81	77	73	72	73	71
18	96	98	99	100	97	98	98	90	84	75	70	67	58	56	53
19	94	100	100	100	100	100	100	94	67	60	57	54	51	49	47
20	97	97	98	98	99	100	100	78	61	56	51	46	44	48	42
21	91	93	91	94	95	91	88	70	57	51	43	39	40	40	38
22	87	88	90	91	93	91	86	71	61	53	47	45	41	41	40
23	82	87	87	87	91	87	92	79	75	63	57	51	52	46	39
24	78	57	62	67	77	82	79	74	75	75	72	60	50	46	48
25	98	99	100	100	100	100	100	77	66	51	42	37	34	31	30
26	75	77	79	83	83	75	70	67	53	41	33	32	33	34	33
27	71	71	72	74	76	78	76	64	56	49	41	37	36	36	41
28	78	84	87	87	83	86	81	70	65	61	58	53	49	49	48
29	96	97	97	96	95	95	95	92	85	81	80	77	87	88	85
30	97	98	96	90	82	85	91	88	86	75	54	48	54	47	49
31															
Prom.	86	87	89	90	90	90	89	81	72	64	57	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	3.7	3.5	4.0	3.6	3.2	3.0	3.3	6.4	10.2	13.2	15.1	16.9	17.3	18.2	18.5
2	5.6	5.3	5.0	4.0	4.1	4.2	4.1	7.8	12.7	15.1	17.0	18.4	19.8	21.0	21.6
3	9.3	7.1	6.2	5.3	4.4	3.7	3.6	5.8	8.8	11.0	12.7	13.0	14.0	14.0	13.6
4	3.1	2.5	2.3	2.6	2.7	2.9	3.0	6.2	8.2	9.6	9.7	10.5	10.9	11.0	11.4
5	7.3	7.3	7.0	6.2	6.2	6.2	6.1	7.1	9.8	12.3	14.3	15.6	16.7	17.5	17.2
6	9.6	8.9	9.0	8.5	6.9	5.8	6.0	11.9	14.5	16.6	17.9	18.2	18.6	18.6	18.5
7	10.6	10.5	10.4	9.8	9.5	9.3	8.7	12.4	14.7	17.6	20.1	21.3	22.3	23.2	23.2
8	13.0	12.9	12.5	12.1	12.0	12.1	12.2	14.0	17.1	19.6	21.5	21.8	20.8	20.7	16.7
9	9.4	8.7	8.1	7.3	6.9	7.2	7.2	8.1	8.3	9.2	10.3	11.3	12.8	14.5	14.8
10	10.0	9.9	9.7	9.8	9.4	9.6	9.9	10.0	10.2	10.9	11.0	12.2	13.3	14.3	14.5
11	9.5	9.8	10.1	10.3	10.2	10.2	10.3	10.6	12.0	15.3	18.0	19.2	18.7	19.0	18.8
12	8.9	7.6	6.7	5.8	4.9	5.0	5.9	8.4	10.2	11.3	11.9	12.2	12.9	12.4	11.9
13	6.7	6.5	6.2	6.2	6.4	6.5	6.8	7.0	6.9	7.0	7.7	9.4	10.5	11.3	11.3
14	8.1	7.1	6.2	5.0	5.0	5.7	5.9	9.9	12.1	13.9	14.8	15.0	15.5	15.9	16.4
15	10.1	9.7	8.8	8.2	8.0	8.8	9.9	12.8	13.9	15.1	16.0	17.3	18.3	19.3	19.4
16	14.1	14.1	13.3	13.1	13.1	12.7	11.5	11.6	11.9	12.4	12.7	13.2	13.8	15.4	16.0
17	9.6	8.8	8.7	8.7	8.7	8.5	8.3	9.0	9.5	10.5	11.5	12.8	13.9	13.8	13.6
18	5.7	5.0	4.8	4.3	4.4	4.5	5.8	9.0	12.5	13.6	15.3	15.3	16.2	16.8	16.1
19	4.0	3.2	2.9	3.5	3.3	2.7	4.6	9.9	14.6	15.7	15.9	16.6	17.4	17.6	18.3
20	6.0	6.1	4.4	4.5	4.7	4.0	5.0	11.6	16.3	18.1	18.9	19.6	20.3	21.0	21.4
21	9.5	9.3	8.6	8.5	8.3	7.8	8.7	14.6	17.5	19.6	20.9	22.0	22.2	22.4	22.5
22	12.0	11.8	11.6	11.3	11.0	10.9	12.1	15.9	19.8	21.4	22.6	24.1	24.3	24.2	23.2
23	13.7	13.5	13.6	13.6	12.9	12.8	12.7	16.0	16.9	19.8	21.4	22.6	22.3	23.8	23.5
24	13.8	13.6	13.0	11.7	10.5	9.5	9.8	11.5	11.8	11.8	13.1	15.3	17.3	18.0	17.1
25	6.0	6.0	4.5	3.4	3.6	3.8	6.0	11.9	14.2	14.6	17.1	18.1	19.0	19.0	18.9
26	8.8	8.2	8.0	7.3	7.1	7.2	9.4	12.7	15.0	18.7	20.1	21.4	22.0	22.1	21.8
27	12.4	12.4	11.6	11.5	11.2	10.8	12.4	16.4	19.0	21.7	23.8	25.2	26.1	27.0	26.5
28	19.1	18.7	17.2	17.8	17.2	15.5	15.8	17.8	19.8	21.6	23.0	24.2	25.3	25.6	25.6
29	14.7	15.3	15.4	15.4	15.4	15.4	15.8	17.6	19.7	20.8	21.3	22.6	18.9	17.6	17.2
30	13.4	13.2	12.5	12.2	12.1	12.2	12.4	13.3	13.1	14.1	16.0	16.9	14.9	16.6	15.7
31															
Prom.	9.6	9.2	8.7	8.4	8.1	8.0	8.4	11.2	13.4	15.1	16.4	17.4	17.9	18.4	18.2

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
18.2	16.0	12.7	10.1	9.0	7.7	6.8	6.1	6.1	18.5	15	3.0	6	15.5	9.7
20.9	20.1	17.0	14.7	12.6	12.5	11.4	10.0	9.1	21.6	15	4.0	4	17.6	12.2
12.9	11.2	9.1	7.5	6.0	4.8	3.7	3.6	3.6	14.0	13-14	3.6	7,23-24	10.4	8.1
11.3	10.7	9.5	8.3	7.7	7.7	7.5	7.5	7.5	11.4	15	2.3	3	9.1	7.3
16.4	15.5	12.9	11.0	10.0	9.9	10.0	9.5	9.5	17.5	14	6.1	7	11.4	10.9
17.8	17.2	15.1	13.6	12.6	12.4	12.1	11.7	10.6	18.6	13-14	5.8	6	12.8	13.0
22.3	20.0	17.6	16.4	15.6	15.6	14.7	14.3	13.8	23.2	14-15	8.7	7	14.5	15.6
16.4	15.9	14.9	14.0	13.4	13.4	12.4	11.2	10.3	21.8	12	10.3	24	11.5	15.1
14.3	14.1	11.4	10.4	10.3	10.3	10.2	10.0	10.0	14.8	15	6.9	5	7.9	10.2
14.0	13.4	12.9	12.0	10.7	8.8	7.4	7.9	8.7	14.5	15	7.4	22	7.1	10.8
18.6	17.3	14.3	12.4	11.6	11.1	10.0	9.4	9.5	19.2	12	9.4	23	9.8	13.2
11.7	11.0	9.9	8.9	7.8	7.6	6.8	6.8	6.7	12.9	13	4.9	5	8.0	8.9
11.3	10.6	10.6	10.3	10.4	9.6	9.2	8.4	8.3	11.3	14-16	6.2	3-4	5.1	8.6
15.6	14.6	12.9	12.4	12.2	11.3	10.9	10.8	10.7	16.4	15	5.0	4-5	11.4	11.2
18.7	17.4	16.3	14.9	14.8	14.8	14.5	13.5	13.9	19.4	15	8.0	5	11.4	13.9
15.2	14.4	13.5	12.7	12.4	11.8	11.6	10.6	10.2	16.0	15	10.2	24	5.8	13.0
13.7	13.6	11.9	10.1	9.0	8.3	7.2	6.6	5.9	13.9	13	5.9	24	8.0	10.1
15.8	14.6	12.6	11.2	10.0	9.3	6.8	7.1	5.7	16.8	14	4.3	4	12.5	10.1
17.9	16.6	13.9	11.6	9.0	7.8	6.7	6.2	5.7	18.3	15	2.7	6	15.6	10.2
21.5	20.6	17.6	15.0	13.0	12.1	11.1	10.5	10.1	21.5	16	4.0	6	17.5	13.1
21.6	20.1	17.6	15.7	14.6	14.4	13.6	13.5	12.7	22.5	15	7.8	6	14.7	15.3
22.8	22.0	20.1	18.7	17.8	17.7	16.4	16.4	15.7	24.3	13	10.9	6	13.4	17.7
22.4	20.7	19.5	17.7	15.5	15.3	14.5	13.4	13.5	23.8	14	12.7	7	11.1	17.2
16.7	16.2	13.9	11.7	9.6	8.3	7.6	6.9	6.5	18.0	14	6.5	24	11.5	12.3
18.0	16.7	13.7	11.9	10.5	10.6	9.7	9.5	8.8	19.0	13-14	3.4	4	15.6	11.5
21.2	20.4	18.3	15.6	14.2	13.6	13.4	12.5	12.4	22.1	14	7.1	5	15.0	14.6
26.2	25.2	22.5	21.0	20.0	19.7	19.9	20.1	19.9	27.0	14	10.8	6	16.2	19.3
24.1	22.9	20.6	18.7	17.4	15.7	14.8	14.3	14.5	25.6	14-15	14.3	23	11.3	19.5
15.9	15.0	15.1	15.3	15.2	15.1	14.9	14.1	13.3	22.6	12	13.3	24	9.3	16.5
16.0	15.1	13.3	12.0	10.2	9.3	7.6	6.4	5.9	16.9	12	5.9	24	11.0	12.7
17.6	16.6	14.7	13.2	12.1	11.6	10.8	10.6	10.0	18.8		7.1		11.7	12.7

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NW	18	NW	18	NW	10	NW	10	N	6	N	6	N	9	NW	9	NW	11	NW	19	15	32	NW W	9.48 10.08
W	12	SW	8	SW	7	SW	4	S	5	S	9	S	9	SE	13	SE	12	NW	9	11	25	NW	10.28
SE	12	SE	11	NE	11	NE	7	E	4	SE	4	SE	3	SE	5	SE	3	SE	21	9	23	SE	12.12
NE	17	NE	12	E	12	E	7	E	5	E	7	E	8	NE	7	NE	11	NE	11	10	22	NE	10.41 11.42
NE	12	NE	11	NE	9	NE	8	E	7	NE	8	NE	10	E	6	E	7	NE	14	10	22	N	8.24
E	12	E	11	E	11	E	11	E	12	E	11	E	9	E	7	NE	7	NE	13	10	21	NE	12.23
s/R	-	s/R	-	s/R	-	NE	12	NE	11	NE	18	NE	19	NE	15	NE	14	NE	20	14	19	N	11.20
SW	10	SW	8	S	3	S	8	SW	15	SW	16	S	9	S	10	S	7	NE	8	13	27	SW	14.49
NE	9	NE	11	NE	9	NE	7	NE	9	E	11	E	12	NE	12	NE	18	NE-S	8	8	20	E	23.32
NE	11	E	7	E	4	NE	2	NE	4	Calma	1	SE	2	SE	2	SE	2	NE	10	8	20	NE	10.41
SE	8	SE	7	SE	7	SE	4	SE	7	SE	4	SE	4	SE	9	SE	11	SE	10	5	12	S SE	13.25 16.16
E	18	E	14	E	16	SE	14	SE	14	SE	14	SE	14	SE	14	SE	12	SE	17	11	23	SE	19.45
E	11	E	9	E	8	E	10	E	9	SE	6	SE	5	SE	5	SE	6	SE	16	7	14	E	14.20
E	12	E	11	E	7	E	9	E	7	E	7	E	8	E	8	E	10	E	13	9	20	NE	11.37
NE	23	NE	15	NE	11	E	7	E	6	E	6	NE	4	SE	4	E	7	NE	18	15	30	E NE	10.24 14.30
SE	19	SE	16	SE	12	SE	11	SE	14	SE	12	SE	13	SE	12	SE	14	SE	17	11	25	SE	16.27
SE	9	SE	10	SE	6	SE	5	SE	5	SE	6	SE	5	SE	4	SE	6	SE	24	10	24	SE	0.14
E	5	NE	9	NE	8	E	7	E	5	E	4	E	3	E	5	E	4	NE-E	10	6	16	NE	10.47
S	5	S	5	S	6	NE	4	Calma	1	Calma	0	Calma	1	NE	2	NE	4	SE-S	9	4	12	S	11.25
W	6	NW	6	NW	2	NE	5	NE	7	N	7	N	6	N	5	N	5	W	9	5	12	W	10.46
NW	15	N	17	N	13	N	8	N	8	N	8	N	7	N	3	N	6	N	19	11	24	N NW	11.12 12.10
NE	12	NE	8	NE	8	NE	9	NE	8	NE	13	Calma	1	SW	9	SW	6	N	10	8	16	NE	13.30
NE	5	NE	9	E	5	E	2	SW	6	S	6	SE	4	SE	5	SE	4	S	12	5	12	S	19.32
S	14	S	9	S	6	S	3	S	2	S	2	SE	3	SE	3	SE	3	S	20	10	23	S	13.10
NW	8	NW	10	NW	14	N	13	N	10	N	12	N	13	N	12	N	14	NW	14	12	24	NW	13.54
NW	13	NW	10	NW	8	NE	5	NE	8	NE	8	NE	8	NE	8	NE	10	N	10	14	25	NW	10.19
N	24	N	21	E	8	E	7	SE	4	SE	7	E	8	NE	9	NE	11	NE	11	15	28	N	11.10
SE	10	E	9	E	8	SE	10	SE	9	SE	12	SE	13	SE	10	E	11	SE	16	12	27	SE	6.46
S	12	SE	13	SE	10	SE	6	SE	4	SE	4	SE	3	S	4	SE	4	E	10	8	26	SE	17.19
S	14	S	16	S	8	S	8	S	8	S	7	SW	5	SW	4	SW	7	S	21	11	33	S	14.03
NE		NE		E		NE		E		SE		SE		SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
7		7		9		9		8		9		11		12		11		SE	185	10	DIRECCIÓN	DÍA	HORA
	12		11		8		7		7		8		7		7		8				NE	15	de 9.30 a 9.45

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	3	21											2	46	19	297		364
2	2	15					2	25	3	23	3	19	5	85	9	90		257
3			2	18	1	4	21	188										210
4			11	159	5	39	8	41										239
5	7	81	14	150	3	20												251
6			13	129	11	103												232
7			20	270														270
8	4	81	8	115					5	37	5	59			2	18		310
9			8	84	4	36	4	31	8	48								199
10			10	125	9	58	4	10									1	194
11			1	2			10	63	8	54	2	4	2	8			1	132
12					7	96	17	177										273
13					8	67	16	108										175
14			2	32	13	138	8	37	1	4								211
15			18	322	5	34	1	4										360
16			1	11	6	57	17	190										258
17							24	244										244
18			4	41	10	63	10	48										152
19			3	10			9	31	9	57							3	100
20	6	28	3	15									9	60	6	25		128
21	19	230													5	40		270
22	9	59	8	87							2	15			4	44	1	206
23			3	22	2	7	6	29	12	56	1	6						120
24							3	9	20	213	1	8						230
25	6	74							4	14					14	196		284
26	10	161	6	47											8	128		336
27	8	174	11	157	3	23	2	11										365
28			3	19	3	28	16	216	1	13					1	7		283
29			3	18	10	94	7	44	4	37								193
30									21	260	3	16						276
31																		
SUMAS	74	924	152	1833	100	867	185	1506	96	816	17	127	18	199	68	845	6	7122
% PREVAL POR VELOCIDAD	13.0		25.7		12.2		21.1		11.4		1.8		2.8		11.9		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		12		9		8		8		7		11		12		1	237

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	7	4	9	4	1		3	
1 - 2	3	6	4	8	6			3	
2 - 3	3	7	4	8	5			3	
3 - 4	2	7	2	8	5		1	5	
4 - 5	4	6	3	8	5		1	3	
5 - 6	4	6	3	9	4	1		3	
6 - 7	3	6	1	10	5	1	1	3	
7 - 8	3	6	2	10	4		1	3	1
8 - 9	4	5	2	10	4		1	4	
9 - 10	5	5	3	7	5		1	4	
10 - 11	4	7	2	6	5		1	5	
11 - 12	4	6	3	7	4		3	3	
12 - 13	4	8	3	5	4		2	4	
13 - 14	3	7	4	5	5		3	3	
14 - 15	3	7	3	5	5	2	1	4	
15 - 16	1	7	5	5	4	1	2	4	
16 - 17	2	7	6	5	3	2		4	
17 - 18	1	6	9	4	4	1		4	
18 - 19	2	9	8	6	3	1		1	
19 - 20	3	6	8	7	3	2			1
20 - 21	4	4	6	9	4	1			2
21 - 22	4	4	6	11	2	1			2
22 - 23	3	6	4	12	2	2		1	
23 - 24	3	7	5	11	1	2		1	
SUMAS	74	152	100	185	96	17	18	68	6
% de frec. por dirección	10.3	21.2	14.0	25.8	13.4	2.4	2.5	9.5	0.9

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	33.8	14.3	1.58	0	5	5	
	10	38.2	17.6	1.67	1	5	5	
	12	43.8	21.8	1.79	3	5	5	
	14	38.8	21.5	1.41	7	4	5	
	15	39.8	21.6	1.48	2	5	5	
2	9	34.5	16.1	1.50	10	4	4	
	10	39.0	19.1	1.62	10	4	4	
	12	43.4	23.7	1.60	10	4	4	
	14	43.8	24.5	1.57	2	5	5	
	15	38.7	23.4	1.24	2	5	5	
3	9	34.1	13.2	1.70	0	5	5	
	10	38.0	16.0	1.79	0	5	5	
	12	40.0	18.0	1.79	8	4	5	
	14	35.3	17.3	1.46	8	4	5	
	15	37.6	17.5	1.63	8	4	5	
4	9	27.2	11.0	1.32	10	4	3	
	10	29.0	12.5	1.34	9	3	5	
	12	35.0	14.1	1.70	7	3	5	
	14	34.3	14.6	1.60	0	5	5	
	15	32.3	14.4	1.46	1	5	5	
5	9	34.4	13.2	1.72	0	5	5	
	10	39.5	17.7	1.77	1	5	5	
	12	42.5	21.0	1.65	0	5	5	
	14	41.9	21.5	1.66	0	5	5	
	15	39.5	20.5	1.54	0	5	5	
6	9	37.8	17.9	1.62	0	5	4	Ne.
	10	42.0	20.7	1.73	0	5	5	
	12	44.3	23.0	1.73	0	5	5	
	14	42.7	22.5	1.64	0	5	5	
	15	40.0	21.6	1.50	0	5	5	
7	9	38.5	19.2	1.57	0	5	5	
	10	43.5	22.2	1.73	0	5	5	
	12	46.7	25.5	1.72	0	5	5	
	14	46.5	26.9	1.59	1	5	5	
	15	40.5	25.0	1.26	9	4	5	
8	9	39.7	21.5	1.48	10	4	5	
	10	43.5	23.5	1.63	7	4	5	
	12	29.5	22.4	0.58	10	0	5	
	14	25.5	20.9	0.37.	10	0	5	
	15				10	0	4	LL.
9	9	17.2	9.9	0.59	10	0	5	
	10	19.5	11.0	0.69	10	0	5	
	12	22.9	14.2	0.71	10	0	4	B.
	14	39.3	18.2	1.72	6	3	4	B.
	15	34.2	17.0	1.40	0	5	4	B.
10	9				10	0	2	B.
	10	13.0	10.9	0.17	10	0	4	
	12	24.4	14.0	0.84	10	0	5	
	14	38.7	18.2	1.67	7	3	5	
	15	36.1	18.0	1.47	5	3	4	
11	9	31.3	15.0	1.32	7	3	3	N.
	10	40.7	19.3	1.74	1	5	4	Ne.
	12	45.8	24.2	1.76	3	5	5	
	14	45.2	23.7	1.75	1	5	5	
	15	38.9	21.7	1.40	6	3	5	
12	9	30.7	13.5	1.40	6	3	5	
	10	31.1	15.0	1.31	9	3	5	
	12	30.4	15.5	1.21	9	3	4	
	14	22.3	13.6	0.71	10	0	4	B.
	15	21.5	12.8	0.71	9	0	4	B.
13	9	8.2	6.7	0.12	10	0	4	
	10	8.7	6.9	0.15	10	0	3	
	12				10	0	4	
	14	19.8	12.0	0.63	10	0	4	
	15	12.5	10.5	0.16	10	0	4	
14	9	35.5	16.6	1.54	7	3	4	
	10	40.6	18.6	1.79	5	3	5	
	12	42.0	20.0	1.79	2	5	5	
	14	37.0	19.4	1.43	6	3	5	
	15	40.6	20.4	1.64	3	5	5	
15	9	38.7	18.4	1.65	0	5	5	
	10	41.2	19.5	1.76	0	5	5	
	12	44.4	22.5	1.78	2	3	5	
	14	43.8	23.2	1.67	1	5	5	
	15	43.9	23.2	1.68	4	5	5	
16	9				10	0	2	Z.
	10				10	0	2	
	12				10	0	4	Z.
	14	29.8	17.8	0.98	10	0	4	
	15	28.4	17.6	0.88	7	3	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
17	9	17.7	11.0	0.98	10	0	5	
	10	20.3	12.2	0.66	10	0	5	
	12	30.1	16.3	1.12	10	0	5	
	14	25.2	15.5	0.79	10	0	5	
	15	24.0	15.4	0.70	10	0	5	
18	9	23.3	13.9	0.76	10	0	2	N.
	10	26.5	15.5	0.89	9	3	5	
	12	44.5	20.6	-	3	3	5	
	14	35.9	20.0	1.29	7	3	5	
	15	21.2	15.5	0.46	8	3	4	B.
19	9	40.9	19.2	1.76	1	3	5	
	10	33.8	18.2	1.27	9	3	5	
	12	41.9	20.7	1.72	8	3	5	
	14	38.5	20.4	1.47	7	3	5	
	15	40.7	22.8	1.46	4	3	5	
20	9	40.6	19.8	1.69	0	5	4	B.
	10	44.5	22.7	1.77	0	5	5	
	12	46.2	24.4	1.77	0	5	5	
	14	45.5	24.7	1.69	0	5	5	
	15	44.3	24.8	1.58	0	5	5	
21	9	42.4	22.2	1.64	0	5	5	
	10	45.2	24.2	1.71	0	5	5	
	12	47.5	27.4	1.63	2	5	5	
	14	44.8	26.1	1.52	3	5	5	
	15	44.0	26.0	1.46	3	5	5	
22	9	43.8	23.5	1.65	0	5	5	
	10	46.3	25.5	1.69	0	5	5	
	12	49.1	28.0	1.72	1	5	5	
	14	48.7	28.0	1.68	2	5	5	
	15	35.0	24.3	0.87	9	2	5	
23	9	41.2	21.8	1.58	3	5	4	B.
	10	44.6	24.5	1.63	9	4	4	B.
	12	48.0	27.5	1.67	1	4	4	B.
	14	46.5	27.7	1.53	8	4	3	
	15	42.3	26.2	1.31	5	4	4	
24	9	37.6	16.5	1.72	8	3	5	
	10	40.6	17.0	1.92	9	3	5	
	12	46.7	21.7	-	5	3	5	
	14	43.2	24.8	1.50	7	3	5	
	15	40.0	23.0	1.38	5	5	5	
25	9	38.6	18.5	1.63	0	5	5	
	10	42.4	20.5	1.78	0	5	5	
	12	45.5	23.5	1.79	1	5	5	
	14	43.8	22.9	1.70	2	3	5	
	15	42.5	22.7	1.61	2	5	5	
26	9	41.9	20.5	1.74	2	5	5	
	10	44.8	23.3	1.75	1	5	5	
	12	46.2	25.7	1.67	8	4	5	
	14	44.2	25.5	1.52	10	4	5	
	15	33.0	22.7	0.84	10	2	5	
27	9	43.9	23.3	1.67	0	5	5	
	10	47.2	26.0	1.72	1	5	5	
	12	50.2	30.5	1.60	1	5	5	
	14	49.8	30.3	1.58	0	5	5	
	15	47.7	29.7	1.46	1	5	5	
28	9	44.0	23.8	1.64	0	5	5	
	10	46.9	26.0	1.70	0	5	5	
	12	49.6	28.9	1.68	0	5	5	
	14	49.7	29.6	1.63	0	5	5	
	15	48.0	29.0	1.54	0	5	5	
29	9	39.2	23.7	1.26	10	2	3	N.
	10	33.5	23.3	0.83	10	0	5	
	12	33.5	24.5	0.73	10	0	5	
	14	25.2	18.6	0.54	10	0	5	
	15	22.4	17.8	0.37	10	0	5	
30	9	18.1	13.4	0.38	10	0	5	
	10	42.3	19.8	1.83	9	3	5	
	12	44.9	22.7	1.80	1	5	5	
	14	38.0	20.7	1.41	10	3	5	
	15	36.4	19.8	1.35	8	3	5	
31	9							
	10							
	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.9	11.3	96
2		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.9	11.4	96
3		0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.2		10.5	11.4	92
4			1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.1	11.4	89
5			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		9.7	11.4	85
6		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		10.6	11.5	92
7		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.8	11.5	94
8		0.1	1.0	1.0	1.0	1.0	0.8				0.2	0.5			5.6	11.5	49
9								0.8	1.0	1.0	1.0	1.0			4.8	11.6	41
10							0.5	0.5	0.7	1.0	0.9				3.6	11.6	31
11				0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		9.0	11.7	77
12		0.4	1.0	1.0	1.0	0.6	0.7	0.5	0.5	0.1	0.4	0.1	0.1		6.4	11.7	55
13															0.0	11.7	00
14			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1		9.5	11.8	80
15		0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1			8.9	11.8	75
16										0.5	0.6				1.1	11.9	09
17						0.1	0.1		0.1		0.4		0.6		1.3	11.9	11
18		0.2	0.5	0.2	0.4	0.9	1.0	1.0	1.0	0.7	0.4	0.6			6.9	11.9	58
19			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		10.7	12.0	89
20		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	12.0	92
21		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.7	12.0	89
22		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				8.5	12.0	71
23			0.4	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.9				7.4	12.1	61
24		0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.1	12.1	92
25		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.4	12.1	94
26		0.5	0.8	0.7	1.0	1.0	1.0	1.0	1.0	0.9		0.1			8.0	12.2	66
27		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.1	12.2	91
28		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.8	12.2	88
29					0.1										0.1	12.3	01
30						0.7	1.0	1.0	0.5	0.7	0.9	1.0	0.5		6.3	12.3	51
31																	
Medias		0.2	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.3		7.9	11.8	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	9.6	13.0	12.0	9.3	11.1	11.3	9.4	9.7	10.4	10.4	10.2	10.6	12.2	12.1	12.0
2	9.6	13.7	13.2	9.5	11.5	12.1	9.6	10.0	10.8	10.4	10.4	10.8	12.2	12.2	12.1
3	10.8	13.5	12.3	10.5	12.1	11.8	10.4	10.6	11.0	11.0	11.0	11.2	12.4	12.4	12.4
4	10.0	12.6	11.6	9.8	11.3	11.1	10.0	10.2	10.5	10.9	10.6	10.8	12.5	12.4	12.3
5	10.4	14.4	13.3	9.9	12.1	12.3	9.8	10.3	11.2	10.6	10.6	11.2	12.3	12.4	12.4
6	11.3	15.2	14.4	10.9	13.1	13.3	10.6	11.2	12.1	11.3	11.3	11.8	12.7	12.7	12.8
7	12.5	16.4	15.4	11.0	14.1	14.3	11.4	12.0	12.8	11.9	11.9	12.5	13.1	13.2	13.2
8	13.8	16.4	15.9	12.9	14.5	14.4	12.2	12.7	13.1	12.6	12.6	13.0	13.6	13.7	13.7
9	13.3	14.8	13.9	12.7	13.3	13.2	12.2	12.2	12.4	12.7	12.5	12.6	13.8	13.8	13.7
10	13.0	14.1	14.2	12.2	12.8	13.2	11.8	11.8	12.2	12.3	12.2	12.3	13.7	13.6	13.6
11	13.2	16.2	14.8	12.4	14.2	14.0	11.8	12.3	12.9	12.2	12.3	12.8	13.6	13.6	13.7
12	12.3	14.3	13.3	12.0	13.1	12.7	11.9	12.0	12.2	12.6	12.4	12.5	13.9	13.9	13.8
13	11.8	12.2	12.3	11.3	11.5	11.6	11.3	11.0	11.1	11.1	11.8	11.6	13.7	13.5	13.4
14	11.6	15.0	14.2	11.1	13.1	13.2	10.8	11.2	12.0	11.5	11.6	12.0	13.2	13.2	13.2
15	12.6	15.8	15.1	12.0	13.8	13.9	11.6	12.0	12.8	12.2	12.2	12.8	13.6	13.6	13.8
16	14.2	14.6	14.6	13.2	13.5	13.6	12.4	12.4	12.6	12.8	12.8	12.8	14.0	14.0	14.0
17	13.2	14.5	13.8	12.5	13.2	13.2	12.0	12.1	12.4	12.6	12.5	12.6	14.0	14.0	14.0
18	11.6	15.2	14.0	11.3	13.3	13.3	11.2	11.6	12.4	12.1	12.0	12.4	13.8	13.6	13.6
19	11.2	15.3	14.6	11.1	13.3	13.5	11.2	11.6	12.6	12.1	12.0	12.6	13.7	13.7	13.7
20	11.4	16.6	15.4	11.3	14.2	14.4	11.6	12.1	13.0	12.4	12.3	12.9	14.0	13.8	13.9
21	13.0	17.4	16.0	12.6	14.8	14.9	12.4	12.8	13.6	13.0	13.0	13.4	14.4	14.3	14.2
22	14.0	18.6	17.4	13.4	16.0	16.1	13.0	13.6	14.6	13.5	13.6	14.2	14.7	14.7	14.9
23	15.8	19.0	17.9	14.8	16.8	16.6	14.2	14.6	15.2	14.4	14.4	14.9	15.2	15.4	15.5
24	15.3	17.2	16.0	14.8	15.8	15.5	14.4	14.5	14.7	14.8	14.7	14.8	15.8	15.8	15.7
25	13.0	17.4	15.9	13.1	15.2	15.1	13.2	13.5	14.2	14.2	14.0	14.3	15.7	15.5	15.5
26	13.6	17.4	16.2	13.1	15.1	15.2	13.0	13.4	14.1	13.9	13.8	14.2	15.5	15.4	15.4
27	14.5	18.8	18.4	13.9	16.0	16.6	13.5	14.0	15.0	14.1	14.1	14.8	15.5	15.5	15.6
28	17.1	20.6	19.3	16.0	18.2	18.0	15.1	15.6	16.7	15.2	15.4	16.0	16.0	16.2	16.4
29	17.8	18.7	18.4	16.7	17.7	17.3	15.8	16.1	16.3	16.0	16.0	16.2	16.8	16.8	16.9
30	16.6	18.0	16.6	15.9	16.8	16.1	15.4	15.4	15.4	15.8	15.6	15.7	16.8	16.8	16.8
31															
Prom.	12.9	15.9	15.0	12.4	14.0	14.1	12.1	12.4	13.0	12.7	12.7	13.0	14.1	14.1	14.1

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8h	EVAPORACIÓN 14h	EVAPORACIÓN 20h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	1.4	3.5	2.2	6.4							7354
2					0	0.7	3.0	1.9	5.6							7362
3					0	0.7	1.5	1.2	3.2							7422
4					0	0.5	1.5	1.0	3.2	G.11	9.2	9.7	19.4			7418
5					0	0.7	1.5	1.1	2.9							7380
6					0	0.3	1.7	1.4	3.8							7377
7					0	0.7	2.7	2.0	6.3							7377
8	0.5	1.5	0.7	0.0	2	1.6	2.2	0.5	3.1							7365
9	1.3	1.9	0.9	0.1	1	0.4	0.5	0.8	1.9	G.12	10.6	10.4	20.2			7407
10					1	0.6	0.4	0.5	0.9							7400
11					1	0.0	1.5	1.7	3.7							7423
12					0	0.5	1.2	1.0	2.9							7456
13	0.0	0.3	0.0	0.0	0	0.7	0.5	0.6	1.4							7458
14					0	0.3	1.7	1.3	3.9	G.13	8.9	9.4	19.6			7452
15	3.4	3.7	2.5	1.3	0	0.9	2.9	1.9	5.8							7435
16	0.0	0.9	0.9	0.0	2	1.0	0.3	0.9	1.7							7428
17					2	0.5	0.6	0.6	1.5							7461
18					1	0.3	1.0	1.0	2.1							7455
19					0	0.1	1.3	1.1	2.6	G.14	13.4	10.6	19.0			7441
20					0	0.2	1.4	1.8	3.6							7454
21					0	0.4	3.1	2.2	5.9							7463
22					0	0.6	2.5	2.1	5.7							7461
23					0	1.1	1.3	1.8	4.3							7463
24	3.4	4.0	2.7	1.0	2	1.2	1.8	1.3	3.7	G.15	11.6	10.7	20.0			7488
25					0	0.6	2.6	2.3	6.3							7503
26					0	1.4	3.5	2.0	6.4							7480
27					0	0.9	3.8	3.0	8.4							7493
28					0	1.6	1.8	1.5	4.1							7506
29					0	0.8	0.7	0.2	1.5	G.16	8.3	8.8	18.0	16.6		7498
30	0.0	0.0	0.0	0.0	0	0.6	1.4	1.8	3.9							7501
31																
Prom.	8.6	12.3	7.7	2.4	-	0.7	1.8	1.4	3.9	-	-	-	-	-	-	7439

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
12.2	12.2	12.0	12.8	12.9	13.0	15.0	16.9	-1.5	Ca. m. y n., Cn. t., r. m. y n.
12.2	12.3	12.1	12.9	13.0	13.0	15.0	16.8	-0.5	Cn. m., Ca. t. y n., r. m. y n.
12.4	12.5	12.4	12.8	13.0	13.0	15.0	16.8	-0.5	Ca. m. y n., Cn. t., r. m. y n.
12.5	12.5	12.4	12.8	12.8	12.9	15.0	16.8	-0.5	Cn. m., Ca. t. y n., r. m. y n., N. m.
12.4	12.5	12.3	12.9	12.9	13.0	15.0	16.8	0.8	Ca. m. t. y n., r. m. y n.
12.7	12.8	12.7	12.9	13.0	13.0	15.1	16.8	0.0	Ca. m. t. y n., N. m., B. t., r. m. y n.
13.1	13.2	13.1	13.0	13.0	13.1	15.0	16.8	3.9	Ca. m. t. y n., r. m.
13.5	13.6	13.6	13.1	13.1	13.1	15.0	16.7	7.6	Cn. m. t. y n., r. m., LL. t.
13.7	13.7	13.5	13.2	13.2	13.3	15.0	16.7	3.4	Cn. m., Ca. t. y n., Ne. t., r. n.
13.6	13.6	13.5	13.3	13.4	13.3	15.0	16.6	6.2	Cn. m. y t., Ca. n.,LL.(gotas)m,N.m. y n,r. n.
13.5	13.7	13.5	13.4	13.4	13.4	15.0	16.8	4.4	Ca. t. y n., N. m., r. m. y n.
13.9	13.9	13.8	13.5	13.5	13.5	15.0	16.6	-1.0	Cn. m. t. y n., r. m.
13.8	13.7	13.5	13.5	13.5	13.6	15.0	16.7	3.4	Cn. m. y t., LL. t.
13.3	13.3	13.2	13.6	13.6	13.6	15.0	16.5	1.8	Ca. m., Cn. t. y n., r. Ne. m.
13.6	13.6	13.6	13.6	13.6	13.6	15.0	16.6	3.5	Ca. m. y t., Cn. n.
13.9	14.0	14.0	13.7	13.7	13.7	15.0	16.5	9.3	Cn. m. t. y n., N. Z. m., Z. t.
14.0	14.0	13.9	13.7	13.8	13.8	15.0	16.5	8.5	Cn. m. y t., Ca. n., r. m. y n.
13.8	13.8	13.6	13.7	13.8	13.8	15.0	16.5	-0.7	Cn. m. y t., Ca. n., N. m., r. m. y n.
13.7	13.8	13.7	13.7	13.8	13.8	15.0	16.5	-1.0	Ca. m. y n., Cn. t., Ne. m., r. m. y n.
13.9	14.0	13.9	13.7	13.8	13.9	15.2	16.5	0.0	Ca. m. t. y n., Ne. m.
14.2	14.4	14.3	13.8	13.9	13.9	15.0	16.5	1.7	Ca. m. t. y n., r. m. y n.
14.7	14.8	14.7	14.0	14.0	14.0	15.0	16.5	4.4	Ca. m. y t., Cn. n., r. m., Dl.Jl. n,R. m.
15.2	15.3	15.3	14.1	14.1	14.2	15.2	16.5	7.8	Ca. m., Cn. t. y n., r. Ne. m., Z. LL. n.
15.6	15.6	15.5	14.2	14.3	14.3	15.0	16.5	6.5	Cn. m. y t., Ca. n., r. n.
15.7	15.7	15.5	14.4	14.4	14.5	15.1	16.5	0.1	Ca. m. y t., Cn. n., r. m.
15.6	15.6	15.4	14.5	14.6	14.6	15.1	16.5	2.4	Cn. m. t. y n., r. m., Dl. n.
15.6	15.7	15.6	14.6	14.7	14.7	15.3	16.5	3.5	Ca. m. y t., Cn. n.
16.0	16.2	16.2	14.8	14.8	14.8	15.3	16.5	11.9	Ca. m. t. y n.
16.7	16.7	16.7	14.9	14.9	15.0	15.3	16.5	11.3	Cn. m. t. y n., N. m., d.v. m.
16.8	16.8	16.6	15.1	15.1	15.1	15.3	16.5	9.5	Cn. m. y t., Ca. n.
14.1	14.1	14.0	13.7	13.7	13.8	15.1	16.6	3.5	

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	64.0	74.6	3	22-24	57.7	10	15	11.3	17.6	5.8	23.2	7	14-15	2.3	4	3	8.8	11.5	76
2ª	65.3	72.3	13	8,10	59.4	19, 20	15-16	11.2	16.6	6.1	21.5	20	16	2.7	19	6	6.5	11.8	55
3ª	56.9	64.4	30	23	50.2	29	14-15	15.7	22.2	9.3	27.0	27	14	3.4	25	4	8.5	12.2	70
MES	62.0	74.6	3	22-24	50.2	29	14-15	12.7	18.8	7.1	27.0	27	14	2.3	4	3	7.9	11.8	67

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas					Instantáneas								
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora	Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	74	100	3,6	29	1	7.1	12.0	3.8	NE	11	28	1	32	1	10	27	SW	8	14	3.4	1.9	9	-	-	-
2ª	76	100	11,14 18-20	27	11	7.3	10.0	4.4	SE	8	31	15	36	15	9	30	E NE	15	10 14	4.9	3.7	15	-	-	-
3ª	69	100	25	30	25	8.8	15.5	4.4	S	11	26	27	32	27	10	33	S	30	14	4.0	4.0	24	-	-	-
MES	73	100		27	11	7.7	15.5	3.8	SE	10	31	15	36	15	9	33	S	30	14	12.3	4.0	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	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	1	1	3	-	-	-	2	-	-	-	-	-	-	-	-	-
2ª	-	-	3	3	-	-	-	1	1	-	-	-	-	-	-	-	-
3ª	-	-	1	1	-	-	-	1	1	-	-	-	-	-	-	-	1
MES	-	1	5	7	-	-	-	4	2	-	-	-	-	-	-	-	1

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II OCTUBRE 1947 N°. 10

RESUMEN MENSUAL

Octubre comienza con una serie de días de buen tiempo, el que en general se mantiene el mismo durante todo el mes. Catorce días de cielo despejado totalizan el máximo mensual del año. El cielo sin nubes y el pequeño contenido de vapor de agua del aire polar que llegara el último día del mes anterior, provocan un fuerte descenso de la temperatura (-1.4°C) en la madrugada del 1.° No obstante, el aire se caldea el mismo día, anotándose 20.0°C. En esta fecha se registra también la mínima mensual de la tensión del vapor y de la humedad relativa. El 6 y el 7 una corriente del Norte empaña algo el cielo y eleva considerablemente el estado higrométrico. La llegada sin embargo de una masa de aire frío restablece el 8 el buen tiempo. En estas circunstancias alcanza la presión su valor máximo mensual.

Los primeros días de la segunda década se caracterizan por la afluencia de aire del sector N. Esta corriente se intensifica durante seis días, ocasionando un fuerte aumento de la tensión del vapor, desde 6 mm. el 11 hasta 14 mm. el 16. También el promedio diario de la temperatura aumenta más de 7.0°C; la máxima diaria se eleva el 16 a 28.3°C. En estas condiciones, como siempre, baja la presión, alcanzando por primera vez después de siete meses el valor de 750 mm., el que resulta ser también el valor mínimo del mes. El desplazamiento de este aire cálido y húmedo por otro frío de origen polar provoca el 16 por la noche fuertes tormentas con intensos chaparrones. En esa noche se registra la única lluvia mensual con 82 mm. Hasta el fin de la década reina tiempo bueno y frío con escasa humedad y vientos suaves.

Con el cambio del viento al sector N, el 21 asciende nuevamente la temperatura. Fuerte radiación intensifica este proceso, de modo que ya el 26 el termómetro acusa 28.5°C, máxima mensual, aunque siete días antes se produjera el valor mínimo con 15.7°C. Esta vez la corriente Norte es suplantada el 27 por aire del sector E; en consecuencia el cambio no es brusco en el andar del tiempo; mantiénese así algo nublado con temperatura y humedad superiores a sus términos medios, aunque no tan altos como al promediar la década.

La presión media mensual y la temperatura son superiores a la normal en 1.5 mb y en 1.5°C 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	32	32	36	52	62	56	70	60	50	48	28	26	24	8	8
2	62	84	76	60	56	48	66	62	36	12	8	34	44	62	52
3	28	46	46	48	58	58	84	108	78	68	40	50	60	28	36
4	54	42	52	36	42	72	120	116	64	54	- 2	9	-60	-136	-165
5	40	40	40	50	50	66	70	36	4	-56	-88	-151	-151	-128	-204
6	16	24	30	34	32	18	6	-36	-16	- 4	-20	2	30	40	60
7	6	12	16	18	20	32	32	34	22	36	56	55	68	64	52
8	26	46	-	-	-	-	88	40	-22	-88	-122	-126	-136	-151	-124
9	42	40	42	46	48	60	72	62	68	56	46	39	52	-62	-110
10	80	88	108	120	114	112	94	24	6	8	4	-20	-16	- 6	26
11	32	-	-	-	-	-	-	-24	40	48	10	29	56	46	52
12	55	37	21	3	5	0	-11	- 5	8	76	52	47	56	52	14
13	-	-	-	-	-	-	32	62	78	96	32	-10	- 6	28	62
14	90	52	48	34	16	24	40	32	32	26	30	15	56	54	70
15	76	70	44	14	30	48	56	- 6	-20	20	12	22	10	4	22
16	32	26	24	28	26	10	0	2	-48	-133	-124	-67	±∞	-∞	-∞
17	-	-	-	-	-	-	-	+∞	182	190	116	121	118	116	100
18	76	78	100	112	124	132	223	+∞	210	175	114	88	88	82	60
19	56	48	52	54	52	52	78	112	134	92	62	28	42	62	52
20	40	34	50	52	36	32	52	62	78	70	58	57	54	42	46
21	48	54	40	32	36	36	76	74	68	90	72	60	54	60	68
22	56	40	48	38	38	38	44	76	100	100	118	95	104	80	68
23	64	82	62	52	60	68	80	78	66	66	70	81	88	78	74
24	68	64	60	56	86	68	126	68	28	28	34	65	60	40	52
25	52	32	58	64	52	56	74	74	88	70	36	31	38	36	4
26	40	42	36	48	40	48	54	66	72	52	42	53	50	44	40
27	56	48	68	60	72	60	153	116	56	38	-165	-52	62	104	128
28	50	44	40	46	46	58	62	36	32	70	54	50	-66	-16	34
29	54	42	36	26	24	44	18	17	31	46	64	85	+∞	+∞	87
30	96	84	44	48	56	78	66	26	60	76	78	78	56	34	28
31	-	-	-	22	28	30	44	36	70	68	- 8	-58	- 6	+∞	+∞
Prom.	52.7	47.8	48.9	46.9	43.1	45.8	64.7	75.8	79.6	70.4	58.7	52.2	60.7	53.8	50.9

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	8.36	9.90	18.26	0.85	7.08	12.38	19.47	0.58	1.04	1.45	2.49	0.72	0.86	1.56	2.42	0.55
2	8.82	9.68	18.51	0.92	11.01	10.13	21.14	1.08	1.09	1.24	2.33	0.88	1.73	1.74	3.47	0.99
3	8.16	8.91	17.07	0.92	4.72	4.80	9.52	0.98	1.10	1.14	2.24	0.96	0.68	0.58	1.26	1.17
4	6.38	6.36	12.74	1.01	3.23	4.68	7.90	0.69	0.86	0.83	1.69	1.04	0.45	0.48	0.93	0.94
5	6.51	9.04	15.55	0.72	3.94	4.90	8.85	0.80	0.83	1.01	1.84	0.82	0.45	0.45	0.90	1.00
6	8.75	12.93	21.68	0.68	10.16	9.85	20.01	1.04	1.22	1.60	2.82	0.76	1.33	1.27	2.60	1.05
7	8.08	9.58	17.67	0.85	8.65	11.79	20.44	0.73	1.15	1.31	2.46	0.88	1.14	1.45	2.59	0.79
8	10.92	11.79	22.71	0.92	12.39	14.87	27.26	0.82	1.25	1.36	2.61	0.92	1.35	1.73	3.08	0.78
9	3.05	3.40	6.46	0.91	6.13	5.06	11.19	1.22	0.36	0.43	0.79	0.84	0.48	0.60	0.80	0.80
10	5.62	6.63	12.24	0.85	12.40	12.60	25.00	0.98	0.78	0.80	1.58	0.98	1.52	1.52	3.04	1.00
11	10.44	11.66	22.09	0.89	12.50	12.14	24.64	1.02	1.32	1.47	2.79	0.90	1.57	1.53	3.10	1.03
12	5.69	6.52	12.21	0.88	13.20	13.06	26.26	1.01	0.80	1.18	1.98	0.68	2.18	1.83	4.01	1.19
13	9.40	8.85	18.25	1.05	5.07	4.34	9.40	1.16	1.49	1.49	3.98	1.00	0.66	0.56	1.22	1.18
14	8.53	9.94	18.48	0.86	8.92	8.74	17.66	1.02	1.18	1.18	2.36	1.00	1.20	1.12	2.32	1.07
15	7.00	7.86	14.85	0.90	9.43	9.35	18.78	0.99	1.10	1.12	2.22	0.98	1.05	1.31	2.36	0.80
16	6.09	8.20	14.28	0.74	-	-	-	-	0.86	1.09	1.95	0.79	-	-	-	-
17	-	-	-	-	7.67	8.35	16.02	0.99	0.88	0.99	1.87	0.89	0.80	0.91	1.71	0.88
18	3.99	5.07	9.07	0.78	6.54	8.50	15.04	0.77	0.49	0.72	1.21	0.68	0.91	0.95	1.86	0.96
19	5.39	8.88	14.27	0.60	7.40	9.42	16.82	0.79	0.69	0.69	1.38	1.00	0.97	1.10	2.07	0.88
20	7.60	7.18	14.78	1.06	9.07	8.64	17.71	1.04	0.99	0.89	1.88	1.11	1.03	1.14	2.17	0.90
21	5.00	5.48	10.48	0.90	7.52	7.39	14.91	1.02	0.71	0.66	1.37	1.08	1.01	1.01	2.02	1.00
22	6.34	7.19	13.53	0.88	9.92	11.78	21.70	0.84	0.72	0.75	1.47	0.96	0.73	0.62	1.35	1.18
23	7.92	8.42	16.34	0.94	9.26	10.70	19.96	0.86	1.09	1.07	2.16	1.02	1.70	2.18	3.88	0.78
24	9.13	10.49	19.62	0.86	10.88	11.55	22.43	0.94	1.10	1.48	2.58	0.74	-	-	-	-
25	8.34	9.25	17.58	0.91	7.25	7.64	14.88	0.94	1.04	1.09	2.13	0.95	0.92	0.87	1.79	1.06
26	7.00	8.16	15.16	0.86	8.70	9.58	18.28	0.91	0.95	0.88	1.83	1.08	1.22	1.32	2.54	0.92
27	1.51	3.46	4.97	0.43	2.88	2.97	5.86	0.95	0.30	0.28	0.58	1.07	0.37	0.37	0.74	1.00
28	8.38	7.39	15.77	1.13	3.42	4.51	7.93	0.77	1.19	1.14	2.33	1.04	-	-	-	-
29	5.51	8.53	14.04	0.65	3.65	4.02	7.66	0.90	0.80	0.84	1.64	0.95	0.37	0.40	0.77	0.92
30	7.62	8.39	16.01	0.90	8.57	9.70	18.27	0.89	1.15	1.18	2.33	0.97	1.04	1.16	2.20	0.90
31	3.78	6.36	10.14	0.60	8.10	10.54	18.64	0.77	0.63	0.63	1.26	1.00	1.16	1.40	2.56	0.83
Prom.	6.98	8.18	15.16	0.85	7.99	8.80	16.79	0.91	0.94	1.03	2.00	0.92	1.03	1.11	2.13	0.95

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
8	24	32	42	44	48	40	62	76		208	-198	406	2
42	44	44	52	14	- 8	-14	16	10		∞	-52	-	2
48	64	64	157	142	92	82	62	76	67.6	206	-92	298	1
-∞	-∞	-∞	8	36	0	38	64	46		∞	-∞	-	2*
-144	-136	12	- 8	16	8	-80	-62	0		86	-237	323	2*
84	66	86	92	104	72	40	46	28		140	-108	248	2
52	54	54	48	54	60	58	32	16		120	-32	152	2
-92	-124	-110	-68	-16	28	38	36	40		147	-237	384	2*
-80	-50	-	-	26	56	120	130	100		159	-218	377	2*
36	36	56	72	82	60	62	46	40		175	-126	301	2
32	36	46	64	54	52	72	58	44		132	-128	260	2*
30	66	56	80	90	-	-	-	-		198	-44	242	2*
80	32	96	116	94	92	80	84	84		∞	-116	-	2*
70	56	68	50	42	12	40	52	34	43.4	142	-36	178	1
28	44	54	52	70	82	64	40	36		130	-96	226	2
-∞	±∞	±∞	-	-	-	-	-	-		∞	-229	-	3*
84	98	98	74	72	60	60	66	68		∞	44	-	0*
58	56	58	56	58	62	64	56	54		∞	36	-	0*
56	54	58	68	96	70	78	58	52	65.2	157	-124	281	1
44	36	36	38	62	62	70	74	68	52.2	∞	-104	-	1
58	48	44	40	44	52	62	54	68	55.8	120	8	112	0
62	56	44	44	96	149	108	68	50	72.1	217	110	107	0
72	62	50	56	60	50	40	56	66	65.9	110	34	76	0
52	44	40	92	52	58	72	50	46		210	-56	266	2
10	68	40	38	54	54	52	48	50	49.1	134	-126	260	1
28	36	22	30	36	68	58	72	64	47.5	96	4	92	0
74	96	142	+∞	155	106	64	80	56		∞	-229	-	2
60	71	70	48	14	34	44	64	64		140	-167	307	2
67	34	90	-	-	42	34	76	72		167	-60	227	1*
24	2	20	-	-	-	-	-	-		140	-32	172	2*
55	40	60	47	36	28	-	-	-		94	-83	177	1*
49.8	53.3	47.3	57.9	70.2	67.7	65.6	60.4	59.8	57.6				

POTENCIAL "P" volta/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
12	38	22	3.15	1.77	930	1069	1999	0.87	-	-
8	24	44	1.86	5.09	968	406	1374	2.38	-	-
26	34	52	2.54	2.18	1052	997	2049	1.06	-	-
-28	12	-∞	0.68	-	809	1031	1840	0.78	-	-
-116	-157	-74	-9.63	-2.22	1350	1295	2645	1.04	-	-
-32	-20	60	-1.88	5.20	486	593	1079	0.82	-	-
46	58	50	4.76	4.32	1213	1400	2613	0.87	-	-
-126	-146	-140	-12.70	-14.37	540	624	1164	0.86	-	-
40	56	-60	1.47	-1.60	1106	1494	2604	0.74	-	-
- 4	-32	36	-1.68	3.65	1134	1264	2398	0.90	-	-
32	34	30	3.16	3.10	985	909	1894	1.08	-	-
48	38	74	2.51	9.89	962	926	1888	1.04	-	-
4	0	- 2	-	-0.08	1220	1396	2616	0.87	-	-
18	6	48	0.47	3.71	-	-	-	-	-	-
14	6	40	0.44	3.15	-	-	-	-	-	-
-151	-132	±∞	-8.58	-	605	616	1221	0.98	-	-
108	124	98	7.73	5.59	1413	945	2358	1.50	-	-
106	94	54	3.79	3.35	1104	735	1839	1.50	-	-
52	36	58	1.66	4.00	-	-	-	-	-	-
58	60	34	3.76	2.46	-	-	-	-	-	-
66	56	44	2.56	2.96	700	637	1337	1.10	-	-
118	98	58	4.80	2.60	471	589	1060	0.80	-	-
80	80	62	5.76	8.02	-	-	-	-	-	-
32	66	42	5.68	-	972	1249	2221	0.78	-	-
32	26	72	1.85	4.30	836	830	1666	1.01	-	-
42	52	34	3.17	2.88	767	823	1590	0.93	-	-
-179	-60	96	-1.16	2.37	1285	1257	2542	1.02	-	-
38	52	38	4.04	-	1486	1048	2534	1.42	-	-
74	87	- 8	4.76	-0.20	-	-	-	-	-	-
72	84	- 4	6.52	-0.29	-	-	-	-	-	-
-34	-74	80	-3.11	6.83	-	-	-	-	-	-
14	19	32	1.28	2.54	973	962	1936	1.06	-	-

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	64.4	65.1	65.3	65.4	65.5	65.7	66.0	66.2	66.2	66.2	66.0	65.6	65.1	64.6	63.8
2	64.6	64.6	64.6	64.6	64.7	65.0	65.2	65.3	65.1	65.1	65.0	64.7	64.0	63.2	63.1
3	63.8	63.8	63.8	63.8	64.2	64.8	65.4	65.6	65.5	65.6	65.4	65.3	64.6	64.2	63.2
4	65.9	65.8	65.7	65.8	65.9	66.6	66.5	66.6	66.5	66.2	65.9	65.4	64.6	64.4	63.6
5	65.0	64.6	64.5	64.5	64.6	65.1	65.4	65.4	65.4	65.1	64.8	64.8	63.9	63.4	63.0
6	64.9	64.6	64.1	63.8	64.1	64.6	64.8	64.6	64.3	63.3	63.1	62.2	61.5	60.5	59.9
7	59.2	59.0	58.7	58.1	58.4	58.5	58.6	58.6	58.4	58.3	58.1	57.4	57.0	56.2	55.7
8	56.5	56.5	56.4	56.3	57.3	58.1	58.3	58.8	59.1	59.2	59.4	60.1	60.4	61.1	61.2
9	68.1	68.7	68.8	68.8	69.5	69.9	70.1	70.8	70.6	70.6	70.3	69.4	69.2	68.6	68.6
10	70.4	70.4	70.3	70.2	70.2	70.0	70.0	70.1	70.0	69.4	69.0	68.2	67.2	66.4	66.1
11	64.4	63.7	63.7	63.6	64.4	64.6	65.4	65.2	65.0	64.6	64.4	63.2	63.0	62.1	61.6
12	62.0	61.9	61.4	61.7	62.0	62.2	62.6	63.2	63.2	62.8	62.2	61.9	61.1	60.8	60.3
13	61.3	61.2	61.0	61.1	61.2	61.8	61.9	62.0	62.0	61.3	61.0	60.9	60.2	59.6	59.0
14	59.1	58.4	58.3	58.3	58.3	58.6	59.2	59.2	58.9	58.8	58.2	58.2	57.4	57.0	56.2
15	55.8	55.7	55.6	55.7	55.8	56.5	56.6	56.5	56.3	56.3	56.1	56.0	55.5	55.4	54.4
16	53.0	53.2	52.9	52.7	52.5	52.5	52.5	52.5	52.0	51.8	50.0	49.7	48.8	47.3	47.0
17	48.8	47.8	48.6	49.7	49.9	51.4	51.8	53.0	53.3	54.0	54.2	54.3	55.1	56.0	56.3
18	62.0	62.0	62.0	62.2	62.5	62.9	63.7	63.8	63.9	64.3	63.7	63.6	63.5	63.1	63.0
19	66.5	66.6	67.0	67.2	68.0	68.2	68.2	68.2	68.2	68.1	68.1	67.9	67.7	67.0	66.9
20	67.8	67.6	67.5	67.5	67.5	67.6	68.2	68.2	67.8	67.6	67.5	66.9	66.5	65.6	65.2
21	64.8	64.6	64.6	64.5	64.0	64.0	64.5	64.6	64.5	64.0	63.9	63.3	62.8	62.6	61.7
22	62.2	62.1	61.9	61.5	61.2	61.8	62.0	62.0	62.0	62.1	61.9	61.2	61.1	60.3	59.9
23	60.3	60.1	60.1	60.2	60.8	61.0	61.3	61.8	61.8	61.4	61.1	60.7	59.9	59.8	59.2
24	60.0	59.5	59.8	60.2	60.3	60.4	60.8	60.8	60.6	60.5	59.8	59.5	59.2	58.3	57.6
25	57.3	56.9	56.7	56.7	57.0	57.3	57.5	57.6	57.6	57.5	57.7	57.5	56.6	55.8	55.5
26	54.7	54.6	54.7	54.8	54.7	54.8	55.0	55.0	54.9	55.0	54.7	54.4	53.4	53.2	52.4
27	56.6	56.0	56.5	56.6	56.9	57.7	57.9	57.9	58.0	57.7	57.7	57.6	57.8	57.6	57.5
28	58.4	58.3	58.4	58.4	59.2	59.5	59.6	60.3	60.2	60.3	60.1	59.7	59.3	58.6	58.4
29	59.5	59.6	60.0	60.5	60.5	60.7	61.4	61.6	61.5	61.5	61.3	61.1	61.0	60.9	60.1
30	61.2	61.3	61.2	61.3	61.6	62.2	62.5	62.7	62.6	62.6	62.3	62.2	62.1	61.4	61.3
31	62.1	62.1	62.0	62.1	62.2	62.7	63.0	63.9	63.9	64.0	63.4	63.7	63.3	63.2	62.4
Prom	61.3	61.1	61.1	61.2	61.4	61.8	62.1	62.3	62.2	62.1	61.8	61.5	61.0	60.5	60.1

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	4.8	3.0	2.1	1.7	1.6	0.7	4.1	10.2	14.6	17.3	18.1	18.2	18.9	19.7	19.6
2	6.1	6.1	5.4	5.6	5.7	5.8	8.0	13.6	16.4	19.0	21.0	21.2	21.6	22.4	22.1
3	9.4	9.4	9.7	8.1	8.1	7.4	8.6	16.2	18.7	20.3	21.3	21.7	21.9	22.0	22.1
4	13.6	12.5	11.7	10.7	9.9	8.9	10.8	16.2	17.8	19.0	20.0	21.0	22.2	23.0	23.0
5	14.6	14.0	13.6	13.2	12.8	12.7	13.7	16.7	17.9	18.8	19.7	20.2	21.3	21.8	20.8
6	16.1	16.0	15.8	15.1	15.2	15.2	15.2	16.0	16.5	19.0	19.5	21.2	22.8	23.0	23.3
7	17.9	17.5	16.7	16.0	15.5	15.5	16.0	17.8	19.9	21.6	21.7	22.9	23.1	23.8	23.1
8	14.7	14.3	14.2	13.3	13.9	14.6	17.0	20.0	21.7	22.7	22.8	22.5	22.6	22.8	22.4
9	9.4	9.2	8.6	7.5	7.5	6.5	7.2	9.0	10.8	11.9	13.3	14.6	16.0	17.0	16.1
10	5.7	5.5	5.4	5.1	4.8	4.0	6.1	12.4	13.1	14.0	14.9	16.0	17.3	18.6	18.9
11	12.1	11.0	10.2	10.2	9.8	9.2	10.0	11.6	13.6	14.5	16.1	18.6	18.8	19.8	19.7
12	13.4	12.8	12.8	12.9	11.9	12.0	12.3	15.2	18.1	20.3	22.1	23.4	24.0	24.2	23.8
13	12.1	11.6	10.4	9.7	9.7	9.5	13.7	18.6	20.6	22.8	23.9	23.9	24.5	25.2	25.0
14	15.1	14.8	14.8	14.1	13.9	13.9	15.0	17.2	20.2	20.9	22.8	22.9	23.7	23.6	24.3
15	14.7	13.0	12.0	12.0	12.9	13.8	16.0	21.1	22.8	23.8	24.7	24.8	25.7	25.4	25.8
16	19.0	18.2	17.4	17.4	17.4	17.6	18.7	20.6	24.1	26.3	27.7	27.2	27.0	27.4	27.4
17	17.6	17.7	17.2	14.7	13.1	12.9	12.5	12.6	13.1	14.9	15.7	16.8	18.0	17.8	16.1
18	9.2	8.5	7.6	6.2	5.8	5.2	8.1	13.3	15.2	16.9	17.3	18.0	18.3	18.8	18.7
19	6.9	5.9	5.8	5.1	4.9	4.5	6.3	9.8	11.9	13.4	14.3	14.7	14.4	15.6	15.7
20	4.0	4.3	4.6	4.5	5.1	4.8	8.9	14.2	16.8	17.8	18.1	18.4	18.3	18.8	18.2
21	8.6	8.5	7.7	6.9	7.0	6.9	9.1	14.3	15.9	16.9	17.7	18.4	18.4	18.2	18.4
22	9.5	9.1	8.7	8.8	8.3	8.6	12.6	16.0	17.8	19.0	20.1	21.0	21.6	22.4	22.5
23	11.4	10.5	10.5	9.7	9.5	9.5	14.0	18.9	20.7	22.6	23.6	24.7	25.1	25.8	25.8
24	14.5	13.6	12.9	12.7	11.9	12.1	15.7	20.8	24.1	24.7	26.1	27.0	27.6	27.4	28.1
25	14.8	14.3	14.2	13.9	14.0	14.4	17.6	20.3	22.7	24.8	25.3	26.4	26.3	26.4	25.4
26	16.9	16.5	15.9	14.9	14.9	15.0	17.1	21.6	22.3	25.0	25.9	26.7	27.6	27.8	28.0
27	16.9	16.7	16.7	15.9	15.0	15.2	17.1	20.4	21.4	22.1	22.8	23.0	23.4	23.6	23.8
28	16.4	16.2	15.5	15.1	15.2	15.3	16.4	17.4	17.6	18.6	19.5	20.7	21.5	22.0	22.0
29	16.6	16.4	15.7	15.1	14.8	14.9	16.0	17.9	20.1	21.3	22.2	22.9	23.7	24.0	24.1
30	15.0	14.8	14.9	14.9	14.9	15.0	16.9	19.4	20.9	22.6	23.6	23.7	24.8	25.6	24.8
31	17.8	17.3	16.6	16.0	15.6	15.7	17.1	18.9	21.1	22.8	22.0	20.8	22.7	22.8	23.6
Prom	12.7	12.2	11.7	11.1	10.9	10.8	12.8	16.3	18.3	19.8	20.7	21.4	22.0	22.4	22.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
63.7	63.7	63.8	63.8	64.2	64.5	64.6	64.6	64.6	66.2	8-10	63.7	16-17	2.5	764.9 mm.	1019.8 mb.
62.9	62.9	63.0	63.0	63.2	63.8	63.8	63.8	64.8	65.3	8	62.9	16-17	2.4	64.2	1018.9
63.7	63.8	64.3	64.8	65.0	65.3	65.5	65.8	66.1	66.1	24	63.2	15	2.9	64.7	1019.6
63.5	63.6	63.5	63.7	64.4	64.6	64.7	64.3	64.3	66.6	6,7	63.5	16,18	3.1	65.1	1020.1
62.9	63.0	63.4	63.8	64.0	64.7	65.0	65.1	65.1	65.4	7-9	62.9	16	2.5	64.4	1019.2
59.8	59.8	59.8	59.8	59.9	59.9	59.8	59.8	59.8	64.9	1	59.8	15-20,22-24	5.1	62.0	1016.0
55.5	55.6	56.1	56.3	56.5	56.5	56.5	56.6	56.5	59.2	1	55.5	16	3.7	57.3	1009.7
62.0	62.2	63.1	64.2	65.4	66.2	66.9	67.3	67.9	67.9	24	56.3	4	11.6	61.0	1014.6
69.1	69.5	69.7	70.2	71.0	71.0	70.8	70.7	70.5	71.0	20-21	68.1	1	2.9	69.8	1026.4
65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	64.7	70.4	1-2	65.2	17-23	5.2	67.7	1023.6
61.3	61.2	61.1	61.3	61.8	62.0	62.1	62.1	62.1	65.4	7	61.1	18	4.3	63.1	1017.4
60.3	60.5	61.0	61.1	61.5	61.6	61.5	61.5	61.4	63.2	8-9	60.3	15-16	2.9	61.6	1015.4
59.0	59.1	59.2	59.4	59.6	59.5	59.5	59.3	58.9	62.0	8-9	58.9	24	3.1	60.4	1013.8
55.5	55.5	55.9	56.3	56.4	56.4	56.4	56.3	56.3	59.2	7-8	55.5	16-17	3.7	57.5	1010.0
54.1	53.9	53.7	53.3	53.7	53.8	53.2	52.8	52.8	56.6	7	52.8	23-24	3.8	55.0	1006.6
45.2	46.3	48.6	49.3	49.5	49.8	49.2	46.9	47.8	53.2	2	45.2	16	8.0	50.0	1000.0
57.0	57.3	57.2	58.8	59.6	60.7	61.7	62.0	62.0	62.0	23-24	47.8	2	14.2	55.0	1006.6
63.1	63.2	63.3	64.1	64.6	65.3	65.4	65.8	66.2	66.2	24	62.0	1-3	4.2	63.6	1018.1
66.8	66.8	66.9	67.6	67.6	67.8	67.8	67.8	68.1	68.2	6-9	66.5	1	1.7	67.5	1023.3
64.8	64.7	64.8	64.9	65.4	65.4	65.4	65.4	64.9	68.2	7-8	64.7	17	3.5	66.4	1021.8
61.2	61.1	61.1	61.8	62.0	62.1	62.2	62.2	62.2	64.8	1	61.1	17-18	3.7	63.1	1017.4
59.4	59.4	59.5	60.0	60.2	60.4	60.4	60.4	60.3	62.2	1	59.4	16-17	2.8	60.9	1014.5
59.0	59.0	59.1	59.5	60.0	60.1	60.2	60.2	60.0	61.8	8-9	59.0	16-17	2.8	60.2	1013.6
57.5	57.4	57.5	57.5	57.7	57.9	57.5	57.4	57.4	60.8	7-8	57.4	17,23-24	3.4	58.9	1011.8
55.3	55.4	55.4	55.3	55.5	55.4	55.5	55.5	55.1	57.7	11	55.1	24	2.6	56.3	1008.4
52.4	52.6	53.3	53.7	54.7	55.1	55.8	55.9	56.6	56.6	24	52.4	15-16	4.2	54.4	1005.8
57.4	57.5	57.7	58.4	58.4	58.5	58.5	58.5	58.4	58.5	21-23	56.0	2	2.5	57.6	1010.1
58.4	58.3	58.3	58.6	58.7	59.4	58.8	59.5	59.6	60.3	8,10	58.2	5	2.1	59.1	1012.1
60.0	60.1	60.5	61.0	61.2	61.2	61.2	61.3	61.3	61.6	8	59.5	1	2.1	60.7	1014.2
61.3	61.4	61.3	61.4	62.1	62.5	62.4	62.4	62.2	62.7	8	61.2	1	1.5	61.8	1015.7
62.2	62.1	62.2	62.5	63.1	63.2	63.4	63.4	63.3	64.0	10	62.0	3	2.0	62.8	1017.0
59.9	60.0	60.3	60.6	61.0	61.2	61.3	61.2	61.3	63.2		59.3		3.9	61.2	1014.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
19.4	19.0	16.4	11.8	9.5	8.4	7.7	6.9	6.5	19.7	14	0.7	6	19.0	10.8
21.8	21.2	18.4	15.0	13.2	11.9	10.7	10.1	9.8	22.4	14	5.4	3	17.0	13.8
21.8	21.1	19.3	16.3	15.0	14.8	14.6	14.2	13.6	22.1	15	7.4	6	14.7	15.6
22.9	21.0	18.6	17.0	16.8	16.8	16.6	15.8	15.3	23.0	14-15	8.9	6	4.1	16.7
21.1	20.0	18.6	17.9	17.6	18.4	18.2	17.3	16.9	21.8	14	12.7	6	9.1	17.4
22.7	22.0	21.0	20.7	20.2	19.7	18.8	18.7	17.4	23.3	15	15.1	4	8.2	18.8
22.0	21.2	19.1	17.9	17.0	16.5	16.0	15.6	15.0	23.8	14	15.0	24	18.8	18.7
21.9	20.0	17.8	15.3	13.0	11.3	10.3	9.6	9.4	22.8	11,14	9.4	24	13.4	17.0
15.5	13.7	12.4	11.1	9.6	8.2	7.4	6.7	6.4	17.0	14	6.4	24	10.6	10.6
18.9	18.3	15.9	14.5	13.8	13.1	13.1	12.8	12.6	18.9	15-16	4.0	6	14.9	12.3
19.7	18.7	16.5	14.5	13.4	13.5	13.5	14.3	13.3	19.8	14	9.2	6	10.6	14.2
22.8	21.6	19.5	17.1	14.1	14.1	13.1	13.1	12.4	24.2	14	11.9	5	12.3	16.9
24.1	22.9	20.7	18.8	17.8	17.3	16.8	15.9	15.2	25.2	14	9.5	6	15.7	18.0
23.9	22.8	20.3	18.3	17.4	16.8	16.4	15.7	15.0	24.3	15	13.9	5	10.4	18.5
25.0	23.7	21.9	19.9	19.0	18.8	18.8	19.0	19.0	25.8	15	12.0	3-4	13.8	19.7
27.9	26.2	17.8	18.0	18.0	17.9	17.5	17.2	17.3	27.9	16	17.2	23	10.7	21.3
16.5	15.7	14.3	14.4	13.1	12.3	12.3	11.5	10.5	18.0	13	10.5	24	7.5	14.6
17.9	17.0	15.0	13.2	11.7	10.7	9.5	8.1	7.6	18.8	14	5.2	6	13.6	12.4
15.0	14.4	12.8	9.9	7.7	6.3	5.5	4.9	4.5	15.7	15	4.5	6,24	11.2	9.6
18.6	17.3	16.3	13.1	10.6	10.3	10.0	9.4	9.2	18.8	14	4.0	1	14.8	12.1
18.2	18.2	16.3	14.3	12.3	12.1	11.1	10.3	9.4	18.4	12-13,15	6.9	4,6	11.5	13.1
22.6	22.3	20.5	17.0	14.6	13.7	12.8	12.4	12.0	22.6	16	8.3	5	14.3	15.6
25.4	25.1	23.1	19.9	18.0	17.0	16.1	15.3	14.7	25.8	14-15	9.5	6-7	16.3	18.2
27.7	26.7	24.4	21.6	18.8	17.5	16.3	15.2	15.0	28.1	15	11.9	5	16.2	20.1
25.2	24.2	22.6	20.5	19.6	19.5	18.9	18.5	17.7	26.4	11,14	13.9	4	12.5	20.3
27.5	27.3	24.7	22.5	20.6	19.6	18.3	17.4	16.8	28.0	15	14.9	3-4	13.1	21.3
22.7	22.2	20.1	18.5	17.1	15.7	15.7	16.4	16.4	23.6	14	15.0	5	8.6	19.1
21.8	21.5	20.5	18.6	17.5	16.6	16.1	15.5	16.4	22.0	14-15	15.1	4	6.9	18.0
23.9	22.9	21.5	19.9	19.0	18.6	17.0	17.5	15.8	24.1	15	14.8	5	9.3	19.2
24.5	18.2	16.2	19.8	18.8	18.8	18.3	18.1	18.1	25.6	14	14.8	2	10.8	19.2
23.6	22.7	21.6	19.6	18.3	16.7	15.6	14.7	14.8	23.6	15-16	14.7	23	8.9	19.0
22.0	20.9	18.8	16.9	15.6	14.9	14.2	13.8	13.4	22.6		10.4		12.2	16.5

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	86	91	95	93	93	94	72	55	54	39	27	22	21	20	22
2	74	72	77	82	83	82	71	50	38	30	26	26	25	24	25
3	76	78	86	92	89	96	70	50	41	37	36	31	31	30	31
4	76	84	89	90	93	96	86	71	64	55	49	43	36	34	33
5	80	86	91	91	92	93	88	73	69	64	60	55	51	49	52
6	75	75	74	75	76	78	77	73	70	63	61	55	64	54	64
7	74	75	77	84	92	92	86	80	68	59	58	54	52	46	50
8	93	93	94	94	94	93	91	81	55	45	39	34	32	32	32
9	68	68	69	67	70	72	67	61	59	54	52	46	45	48	52
10	94	94	94	94	95	96	70	54	49	47	45	42	38	34	32
11	62	74	73	74	78	78	76	69	60	56	49	45	40	34	35
12	61	64	65	69	79	77	77	60	48	44	34	33	30	30	30
13	92	92	94	94	93	93	66	56	50	39	26	32	28	28	31
14	80	81	77	86	90	91	87	75	59	59	49	47	48	43	42
15	93	91	98	90	78	81	79	60	54	54	50	48	40	41	40
16	62	63	67	67	66	65	61	59	49	43	41	44	48	53	54
17	90	94	100	100	100	100	97	86	78	73	70	59	55	46	56
18	91	92	96	92	96	98	98	68	48	43	41	38	32	32	32
19	79	87	88	90	93	92	85	71	55	42	35	32	34	35	32
20	96	92	91	96	85	89	70	51	38	34	33	33	31	31	29
21	73	72	75	80	81	84	78	62	51	42	36	37	38	38	36
22	89	90	90	90	89	91	77	61	53	48	47	45	44	41	39
23	89	90	89	90	96	95	73	59	53	50	44	41	38	37	36
24	83	86	88	89	93	94	79	61	41	38	34	27	28	30	30
25	79	82	84	88	88	89	78	64	57	50	47	45	51	60	55
26	84	88	93	99	96	96	88	66	66	54	52	50	43	39	40
27	96	96	96	96	98	98	94	78	70	68	64	58	52	39	42
28	82	85	87	87	88	89	82	78	71	67	62	58	56	53	52
29	79	80	85	87	89	89	84	78	71	68	65	60	57	53	53
30	96	97	92	95	96	97	88	77	71	64	53	52	50	46	46
31	87	91	96	100	99	99	89	79	70	65	75	70	66	62	60
Prom.	82	84	86	88	89	89	80	67	57	51	47	44	42	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	5.6	5.2	4.8	4.6	4.6	4.4	4.4	5.1	6.4	5.4	4.2	3.4	3.6	3.4	3.8
2	5.0	5.0	5.2	5.6	5.6	5.6	5.8	5.8	5.2	4.4	5.5	5.2	4.4	5.5	4.4
3	6.8	6.8	7.8	7.4	7.0	7.4	5.6	6.9	6.8	6.6	7.0	6.2	6.4	6.0	6.4
4	9.0	8.5	8.5	8.0	8.0	8.0	8.0	9.7	9.5	8.5	8.0	7.8	7.4	7.1	6.8
5	9.5	10.0	10.5	10.5	10.0	10.0	10.0	10.4	10.0	10.0	9.5	9.0	9.5	9.4	9.5
6	9.5	9.5	9.5	9.0	9.5	9.5	9.5	9.9	9.0	10.0	10.5	9.5	10.5	11.4	11.0
7	11.0	10.5	11.0	11.0	12.0	12.0	11.5	12.1	11.5	11.0	11.0	11.0	11.0	10.0	10.0
8	11.5	11.0	11.0	10.5	10.5	11.5	13.0	14.1	10.0	8.5	7.8	6.6	6.6	6.6	6.6
9	5.8	5.8	5.4	5.2	5.2	5.2	5.0	5.2	5.4	5.4	6.0	5.8	5.8	6.8	7.2
10	6.2	6.2	6.2	6.0	5.8	5.8	4.0	5.8	5.2	5.6	5.4	5.8	5.4	5.5	5.2
11	6.6	7.0	6.6	6.6	7.0	6.6	7.0	7.0	6.6	7.0	6.4	6.8	6.0	6.0	5.6
12	7.0	6.8	6.8	7.4	7.8	8.0	8.0	7.8	7.4	7.4	6.4	7.0	6.2	6.6	6.0
13	9.5	9.0	8.5	8.0	8.0	8.0	7.8	8.8	8.5	7.8	6.0	7.2	6.2	7.2	7.6
14	9.5	10.0	9.5	10.5	10.0	10.5	11.0	11.0	10.0	10.5	9.5	9.5	10.0	7.5	9.5
15	11.5	10.0	10.0	9.0	8.5	9.5	10.5	11.2	10.5	11.5	11.0	11.0	9.0	10.0	9.0
16	10.0	9.5	10.0	10.0	10.0	10.0	10.0	10.7	10.5	10.5	11.5	10.0	12.5	14.2	14.0
17	13.0	13.5	14.0	12.0	10.5	10.5	10.5	9.4	8.5	9.0	9.0	8.0	8.0	6.9	7.8
18	7.8	7.6	7.6	6.4	6.6	6.4	7.8	7.8	6.0	6.0	6.2	5.8	5.0	5.3	5.2
19	5.0	6.0	6.0	5.6	6.0	5.8	5.8	6.5	5.4	4.8	3.8	4.0	4.0	4.6	4.2
20	5.8	5.6	5.8	6.0	5.4	5.6	6.0	6.2	5.4	5.0	5.0	5.0	5.0	5.1	4.2
21	6.0	6.0	5.6	5.6	6.0	6.0	6.6	7.1	7.0	6.0	5.6	5.8	5.8	6.0	5.8
22	7.6	7.6	7.2	7.4	7.0	7.6	8.0	8.3	7.8	7.8	8.0	7.8	8.0	8.2	7.6
23	8.5	8.0	8.0	7.8	8.5	8.0	8.5	9.6	9.5	9.5	9.0	9.5	9.0	9.0	9.0
24	10.0	10.0	9.5	9.5	9.5	9.5	10.0	11.2	9.5	8.5	8.0	7.4	7.6	8.1	7.8
25	9.5	10.0	10.0	10.0	10.0	10.5	9.5	11.4	10.5	11.0	11.0	10.5	13.0	12.8	12.5
26	11.5	12.0	12.0	12.0	12.0	12.0	12.5	12.5	13.5	12.0	13.0	12.5	11.5	10.6	10.5
27	13.5	13.5	13.5	13.0	12.0	12.0	13.0	13.9	12.5	13.0	12.5	12.0	11.0	8.3	9.0
28	11.5	11.0	11.5	11.0	11.0	11.0	11.5	11.5	10.5	10.5	10.5	10.5	11.0	9.6	10.0
29	10.5	10.5	11.0	11.0	11.0	11.0	11.0	11.9	12.5	12.5	12.5	12.0	12.5	11.7	11.5
30	12.0	12.0	11.5	12.0	12.0	15.0	12.5	13.0	13.0	12.5	11.0	11.5	11.0	11.6	11.0
31	13.0	13.5	13.5	13.0	12.5	12.5	12.5	12.8	12.5	12.5	14.0	12.0	13.5	12.7	12.5
Prom.	9.0	9.0	9.0	8.8	8.7	8.9	8.9	9.5	8.9	8.7	8.5	8.3	8.3	8.2	8.1

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
3.8	3.6	3.8	4.4	5.8	5.8	5.6	5.4	5.2	6.4	9	3.4	12,14	3.0	4.7
5.4	5.2	6.6	6.6	6.8	7.0	7.0	6.6	6.4	7.0	21-22	4.4	10,13,15	2.6	5.7
6.2	6.0	6.2	6.6	7.6	8.5	9.0	9.0	9.0	9.0	22-24	5.6	7	3.4	7.0
6.8	7.0	8.0	9.0	9.0	8.5	9.5	9.0	9.0	9.7	8	6.8	15-16	2.9	8.3
9.5	10.0	11.5	11.0	11.4	10.5	10.5	10.0	10.0	11.5	18	9.0	12	2.5	10.1
11.5	11.0	11.5	12.0	13.1	14.0	13.0	12.5	11.5	14.0	21	9.0	4,9	5.0	10.8
11.0	11.5	12.0	12.5	12.3	12.0	12.5	12.0	11.5	12.5	19,22	10.0	14-15	2.5	11.4
6.4	5.6	6.4	6.8	7.2	6.6	6.2	6.0	5.8	14.1	8	5.6	17	8.5	8.4
7.4	7.2	7.2	6.6	6.6	6.2	6.2	6.4	6.5	7.4	16	5.0	7	2.4	6.1
5.2	5.0	5.0	5.2	5.9	6.4	6.4	6.2	6.8	6.8	24	4.0	7	2.8	5.7
5.6	6.0	6.6	7.0	7.1	7.2	7.2	7.6	6.4	7.6	23	5.6	15-16	2.0	6.6
5.6	6.2	7.2	8.0	7.6	9.5	9.5	9.5	10.0	10.0	24	5.6	16	4.4	7.5
6.2	7.8	8.5	10.0	10.4	10.5	11.0	11.0	11.0	11.0	22-24	6.0	11	5.0	8.5
10.5	8.5	9.0	11.0	12.1	11.5	12.5	12.0	11.5	12.5	22	7.5	14	5.0	10.3
11.0	10.0	11.0	12.5	12.7	13.0	13.0	11.5	10.0	13.0	21-22	8.5	5	4.5	10.7
14.5	14.5	14.5	14.0	14.3	14.5	13.5	13.5	13.5	14.5	16-18,21	9.5	2	5.0	12.1
6.6	6.2	6.4	7.6	8.4	8.0	7.2	6.8	7.2	14.0	3	6.2	17	7.8	9.0
5.0	5.0	6.0	6.4	6.2	5.4	5.4	5.4	5.2	7.8	1,7-8	5.0	13,16-17	2.8	6.2
4.0	4.0	4.6	5.6	6.3	6.6	6.2	6.2	5.8	6.6	21	3.8	11	2.8	5.3
4.4	5.4	5.8	7.0	6.4	6.2	6.2	5.8	5.8	7.0	19	4.2	15	2.8	5.6
5.8	6.6	6.4	6.4	7.0	7.6	7.5	7.2	7.2	7.6	21-22	5.6	3-4,11	2.0	6.4
7.6	7.4	8.5	9.5	9.9	9.5	9.0	9.0	9.0	9.9	20	7.0	5	2.9	8.1
9.0	9.0	10.0	11.5	11.2	9.5	9.5	9.0	9.5	11.5	19	7.8	4	3.7	9.2
7.6	7.2	9.5	10.0	9.6	9.0	9.0	9.0	9.5	11.2	8	7.2	17	4.0	9.0
12.5	11.5	13.5	13.5	13.1	13.0	12.5	12.0	12.5	13.5	18-19	9.5	1,7	4.0	11.5
11.5	11.5	13.0	13.5	14.1	13.0	12.5	13.5	13.5	14.1	20	10.5	15	3.6	12.3
7.8	7.4	8.0	9.5	11.0	11.0	11.5	12.0	11.5	13.9	8	7.4	17	6.5	11.4
11.0	11.0	11.0	12.0	12.8	12.0	12.5	12.0	11.0	12.8	20	9.6	14	3.2	11.2
11.5	12.0	12.0	12.5	12.6	12.0	11.5	13.0	12.0	13.0	23	10.5	1-2	2.5	11.8
10.5	9.0	9.0	14.0	14.2	14.0	13.5	13.5	13.5	15.0	6	9.0	17-18	6.0	12.2
12.5	11.5	12.0	12.0	11.4	11.0	11.5	11.5	11.5	14.0	11	11.0	21	3.0	12.4
8.2	8.1	8.7	9.5	9.8	9.7	9.6	9.5	9.3	10.9		7.1		3.8	8.9

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SW	16	SW	8	W	5	SW	3	W	2	W	4	W	3	W	4	NW	5	W	13	8	20	W	9.16
N	11	NW	8	NW	4	NW	5	N	7	N	7	N	7	N	4	N	6	NW	13	10	21	W	11.26
NE	16	E	9	E	6	E	5	E	6	E	7	E	7	E	5	E	7	E-NW	8	7	16	N NE	12.13 14.34
E	17	E	20	E	18	E	15	E	15	E	15	E	15	E	12	NE	14	NE	13	13	29	E	16.57
E	18	E	18	E	13	E	11	E	10	E	16	NE	22	NE	21	NE	24	NE-E	12	16	32	NE	21.21
NE	14	NE	12	E	7	E	6	NE	6	E	5	NE	9	NE	10	NE	15	NE	21	16	29	NE	6.06
NE	12	NE	12	NE	13	NE	7	E	6	NE	6	NE	7	NE	6	N	8	NE	21	16	24	NE	0.31
S	15	S	16	S	13	S	14	S	15	SE	13	SE	13	SE	13	SE	13	S	10	14	29	S	14.22
NE	17	NE	17	E	14	E	10	E	6	SE	6	SE	6	SE	4	SE	4	SE	16	10	17	SE NE	0.38 14.51
NE	20	NE	18	NE	13	NE	10	NE	14	NE	12	NE	17	NE	16	NE	15	NE	18	13	23	NE	10.44
N	22	N	24	N	19	N	10	N	8	NE	8	NE	8	NE	11	NE	16	NE-N	12	18	32	N	11.26
NE	15	NE	15	NE	9	NE	5	NE	7	NE	9	NE	7	NE	7	NE	6	NE	12	11	17	NW	8.44
NE	12	NE	14	NE	10	NE	9	E	9	E	9	E	8	E	8	E	5	NE	18	10	24	NE	12.06
NE	15	NE	14	NE	11	E	12	E	9	E	10	E	9	E	5	E	5	NE	18	12	22	NE	11.44
NE	17	NE	14	NE	13	E	11	E	12	E	11	E	11	E	13	NE	14	NE	18	13	21	NE	12.08
NE	12	NE	25	S	26	S	12	S	10	S	9	SE	13	E	15	E	19	NE	17	17	58	S	17.36
SW	21	SW	21	SW	10	S	5	S	4	SW	2	S	10	S	15	S	5	SW	17	15	39	SW	9.16
SW	17	SW	14	SW	11	SW	6	SW	10	SW	11	SW	6	S	6	S	6	SW	12	9	30	SW	11.55
S	13	S	10	S	8	S	2	Calma	0	Calma	0	Calma	0	Calma	0	S	4	S	18	8	24	S	12.06
S	4	S	5	SW	2	Calma	1	W	3	NE	4	NW	3	NW	6	NW	7	S	9	5	15	S	11.10
NW	7	NW	10	N	10	N	7	N	8	N	7	N	4	N	4	N	4	NW	11	7	18	NW	12.33
W	10	W	8	W	4	W	3	Calma	1	NW	2	NW	4	NW	5	NW	6	NW	9	8	17	NW	8.36
NW	6	NW	6	NW	4	N	6	NE	5	N	10	NW	7	NW	6	NW	8	NW	12	7	10	W	10.32
NW	9	W	6	NW	6	NW	5	NW	8	NW	8	NW	11	NW	11	NW	7	NW	15	8	21	W	9.23
NE	17	NE	15	NE	15	NE	16	NE	14	NE	16	NE	15	NE	14	NE	14	NW	11	11	19	NW	10.01
S	3	S	4	S	4	SE	2	SE	4	SE	4	SE	4	SE	5	SE	5	SW-SE	6	6	13	SW	9.48
SE	10	SE	9	E	8	E	8	E	7	E	5	E	7	E	9	E	10	E	13	8	27	NE	11.46
NE	17	E	10	E	11	E	9	E	7	E	5	E	5	E	3	NE	10	NE	13	12	26	NE	12.41
E	7	E	8	E	8	E	9	E	8	E	9	E	8	E	6	SE	4	NE	15	11	22	NE	6.44
NE	7	NE	7	NE	7	NE	6	E	6	E	8	E	2	E	2	E	5	NE	12	8	16	N	7.49
SE	6	SE	8	SE	5	SE	4	SE	6	SE	10	SE	10	SE	5	SE	6	SE	10	6	16	S	11.03
NE		NE		NE-E		E		E		E		E		E		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
13		11		8		10		12		11		9		10		9		NE	247	11	DIRECCIÓN	DÍA	HORA
	13		12		10		8		8		8		8		8		10				NE SW	16 17	de 10.45 a 11.00 de 8.00 a 8.15

FRECUENCIAS, KILOMETROS 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	74	13	103	3	15	1	192
2	5	31											6	100	13	112		243
3	4	33	4	47	8	52									8	45		177
4			13	158	11	159												317
5			12	358	12	40												398
6			21	378	3	18												396
7	1	8	21	261	2	17												286
8							4	52	10	161	2	33	6	65	2	16		327
9			3	48	5	53	16	151										252
10			18	299			1	2	2	5							3	309
11	12	262	12	163														435
12	4	49	12	128											8	96		273
13	1	10	18	191	5	39												240
14			18	248	6	50												298
15			18	243	6	60												303
16			17	315	2	34	1	13	4	57								419
17			1	8	1	10			5	39	17	315						372
18									7	24	12	159	2	25			3	211
19									18	176	2	11					4	187
20			1	4					17	93	1	2	1	3	3	16	1	119
21	8	46											4	28	11	103	1	178
22	6	29											8	68	9	87	1	185
23	3	16	1	5									9	63	12	82		166
24													9	98	15	108		206
25			10	148			1	6	1	5			1	10	11	96		265
26	3	20	4	36			6	24	3	11	6	46	1	8	1	8		153
27			1	15	13	135	10	55										205
28			13	191	11	91												282
29			15	190	8	63	1	4										257
30	5	60	12	102	5	23	2	11										196
31	3	14	2	15	5	18	10	67	3	20							1	135
SUMAS	54	578	247	3561	103	862	52	385	70	591	47	640	60	571	96	784	15	7982
% PREVAL POR VELOCIDAD	7.2		44.6		10.8		4.8		7.4		8.0		7.2		9.8		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	11		14		8		7		8		13		10		8		1	258

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	2	10	5	4	3	1		6	
1 - 2	2	13	2	3	4		1	5	1
2 - 3	2	13	1	2	2	1	4	4	2
3 - 4	2	13	1	2	3	1	2	6	1
4 - 5	3	11	1	2	1	2	3	5	3
5 - 6	3	11	2	2	2	2	3	5	1
6 - 7	2	12	2	2	3	1	3	5	
7 - 8	3	11	1	2	3	1	4	6	
8 - 9	4	10	1	1	2	2	6	5	
9 - 10	2	11	1	1	3	3	5	5	
10 - 11	3	11	1	1	4	4	3	4	
11 - 12	3	11	1	1	4	3	6	2	
12 - 13	1	2	3		4	4	3	4	
13 - 14	1	13	3	1	3	4	2	4	
14 - 15	1	13	4	1	3	3	3	3	
15 - 16	1	13	3	2	4	3	2	3	
16 - 17	1	11	5	2	4	3	2	3	
17 - 18	2	8	8	1	4	3	2	3	
18 - 19	3	6	10	2	4	2	1	2	1
19 - 20	3	5	12	2	3	1	2	1	2
20 - 21	3	6	11	4	1	2	1	2	1
21 - 22	2	7	9	5	1	1	1	4	1
22 - 23	2	7	10	4	2		1	4	1
23 - 24	3	9	6	5	3			5	
SUMAS	54	247	103	52	70	47	60	96	15
% de frec. por dirección	7.3	33.2	13.8	7.0	9.4	6.3	8.1	12.9	2.0

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
1	9	42.0	19.8	1.80	0	5	5	
	10	45.8	22.5	1.69	0	5	5	
	12	46.0	23.2	1.85	0	5	5	
	14	45.5	23.8	1.76	0	5	5	
	15	43.0	23.0	1.63	0	5	5	
2	9	44.0	22.3	1.75	0	5	5	
	10	45.1	23.8	1.73	0	5	5	
	12	47.2	25.8	1.74	0	5	5	
	14	46.9	26.5	1.66	0	5	5	
	15	45.0	26.0	1.54	0	5	5	
3	9	44.8	23.5	1.73	0	5	5	
	10	46.9	24.9	1.79	0	5	5	
	12	48.5	26.5	1.79	0	5	5	
	14	47.2	26.0	1.72	0	5	5	
	15	45.5	25.8	1.60	0	5	5	
4	9	44.0	22.4	1.76	0	5	5	
	10	45.8	23.5	1.81	0	5	5	
	12	48.5	26.5	1.79	0	5	5	
	14	47.6	27.0	1.67	0	5	5	
	15	45.6	26.5	1.55	0	5	5	
5	9	42.9	22.0	1.70	1	3	5	
	10	45.3	23.4	1.78	1	5	5	
	12	47.0	25.5	1.75	1	5	5	
	14	46.5	26.0	1.67	1	5	5	
	15	44.1	25.5	1.51	1	5	5	
6	9	32.0	19.4	1.02	9	0	5	
	10	45.0	23.4	1.76	8	3	5	
	12	46.9	26.0	1.70	6	3	5	
	14	42.0	26.0	1.30	6	3	5	
	15	43.5	26.4	1.39	9	4	5	
7	9	48.2	25.7	1.83	4	3	4	
	10	47.2	26.3	1.70	6	3	4	
	12	50.5	28.3	1.80	3	5	5	
	14	48.4	27.7	1.68	1	5	5	
	15	46.0	26.9	1.55	1	5	5	
8	9	39.4	23.9	1.26	7	2	4	Ds.
	10	48.8	26.9	1.78	7	4	5	
	12	38.6	24.1	1.18	9	4	5	
	14	48.2	27.0	1.72	1	5	5	
	15	46.8	26.5	1.65	2	5	5	
9	9	39.9	16.6	1.89	0	4	4	
	10	47.3	25.6	1.76	0	4	4	
	12	43.3	20.7	1.84	0	5	4	B.
	14	42.4	21.2	1.72	0	5	4	B.
	15	40.0	20.0	1.63	0	5	4	B.
10	9	40.3	18.0	1.61	0	5	5	
	10	42.4	18.8	1.92	0	5	5	
	12	43.4	21.2	1.80	0	5	5	
	14	45.0	22.9	1.80	0	5	5	
	15	43.5	22.7	1.69	0	5	5	
11	9	30.2	16.3	1.13	9	2	5	Js.
	10	38.4	18.8	1.59	9	3	5	
	12	46.4	23.4	1.87	1	5	5	
	14	46.7	24.4	1.81	3	5	5	
	15	45.0	24.4	1.67	1	5	5	
12	9	44.9	23.0	1.78	1	5	2	
	10	48.0	25.5	1.83	1	5	5	
	12	51.2	28.4	1.85	2	5	5	
	14	49.5	28.5	1.71	0	5	5	
	15	46.7	27.0	1.60	0	5	5	
13	9	46.5	25.0	1.75	1	5	5	
	10	49.3	27.3	1.79	1	5	5	
	12	50.7	28.9	1.77	1	5	5	
	14	51.0	29.6	1.74	1	5	5	
	15	48.5	28.2	1.65	2	5	5	
14	9	41.0	23.5	1.42	10	2	4	
	10	41.0	24.3	1.36	9	5	5	
	12	57.5	30.9	-	9	4	5	
	14	41.0	26.4	1.19	10	2	5	
	15	47.4	28.1	1.57	3	5	5	
15	9	48.0	27.2	1.69	4	5	5	
	10	44.0	27.2	1.36	9	1	5	
	12	43.2	28.2	1.22	7	1	5	
	14	39.0	27.5	0.93	9	1	5	
	15	49.3	30.3	1.54	8	3	5	
16	9	46.7	27.6	1.55	6	4	5	
	10	40.7	27.0	1.10	7	4	5	
	12	32.6	26.8	0.47	10	2	4	
	14	38.2	28.3	0.80	10	1	3	
	15	27.0	26.0	0.08	10	0	3	
17	9	26.2	15.9	0.84	10	0	5	
	10	37.4	19.5	1.46	10	0	5	
	12	47.4	23.2	1.97	3	3	5	
	14	43.0	22.5	1.67	8	1	5	
	15	40.5	21.0	1.58	9	3	5	
18	9	43.5	20.7	1.85	0	5	5	
	10	45.4	22.0	1.90	0	5	5	
	12	46.9	23.5	1.90	0	5	5	
	14	46.5	23.5	1.87	3	5	5	
	15	30.0	16.0	1.14	3	3	5	
19	9	40.2	17.4	1.85	1	5	5	
	10	42.2	19.0	1.89	1	5	5	
	12	43.6	20.5	1.88	1	5	5	
	14	42.0	20.8	1.72	2	5	5	
	15	39.5	20.0	1.58	2	5	5	
20	9	43.2	20.5	1.84	0	5	5	
	10	45.5	22.1	1.90	0	5	5	
	12	48.2	23.5	-	2	3	5	
	14	52.0	25.2	-	4	3	5	
	15	25.0	17.7	0.59	5	3	5	
21	9	41.2	20.7	1.67	9	4	5	Ds.,Js.
	10	41.7	21.8	1.62	10	3	5	
	12	49.2	24.6	-	10	3	5	
	14	36.1	20.9	1.24	9	1	5	
	15	46.9	24.3	1.84	5	3	5	
22	9	45.0	23.0	1.79	0	5	5	
	10	47.2	24.5	1.84	0	5	5	
	12	48.8	25.4	1.90	0	5	5	
	14	48.8	26.8	1.79	0	5	5	
	15	47.0	26.5	1.67	0	5	5	
23	9	47.9	25.8	1.80	0	5	5	
	10	50.7	28.2	1.83	0	5	5	
	12	50.7	29.8	1.70	0	5	5	
	14	51.8	30.2	1.76	0	5	5	
	15	50.0	29.7	1.65	0	5	5	
24	9	51.4	29.0	1.82	1	5	5	
	10	51.2	59.3	1.78	2	4	5	
	12	53.3	31.4	1.78	0	5	5	
	14	55.6	32.4	1.89	2	5	5	
	15	51.2	31.2	1.63	2	5	5	
25	9	46.5	27.2	1.57	10	4	5	
	10	46.2	26.6	1.59	10	2	5	
	12	51.3	35.0	1.32	10	2	5	
	14	49.0	30.0	1.54	10	3	5	
	15	33.7	24.8	0.72	8	3	5	
26	9	41.3	25.7	1.27	10	2	5	Ds.,Js.
	10	55.0	31.0	-	10	2	5	
	12	53.6	32.0	1.76	9	4	5	Js.
	14	53.0	32.5	1.67	8	5	5	
	15	53.5	32.0	1.75	5	5	5	
27	9	47.8	26.3	1.75	1	5	4	Ne.
	10	49.2	26.7	1.83	1	3	4	Ne.
	12	50.2	27.7	1.83	3	5	5	
	14	48.0	27.7	1.65	10	4	5	
	15	46.3	27.4	1.54	10	4	5	
28	9	45.2	23.0	1.80	9	4	5	
	10	47.5	24.4	1.88	5	4	5	
	12	48.5	25.9	1.84	2	5	5	
	14	48.5	26.5	1.79	1	3	5	
	15	47.2	26.2	1.71	3	3	5	
29	9	47.4	25.0	1.82	2	5	5	
	10	50.1	25.6	-	7	3	5	
	12	50.7	28.2	1.83	3	5	5	
	14	46.6	27.7	1.54	5	3	5	
	15	49.2	28.3	1.70	3	5	5	
30	9	47.0	26.5	1.67	4	5	5	
	10	50.4	28.2	1.80	3	3	5	
	12	35.8	25.5	0.84	7	3	5	
	14	52.7	30.5	1.80	7	5	5	
	15	44.3	27.7	1.35	8	4	5	
31	9	46.6	25.8	1.69	9	4	5	
	10	49.5	28.2	1.73	9	1	4	
	12	31.5	21.8	0.79	10	0	4	
	14	36.0	24.7	0.92	10	0	4	
	15	42.9	27.2	1.28	10	1	3	Ne.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.4	12.4	92
2		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7		11.3	12.4	91
3		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.2	12.4	90
4		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.2	12.5	90
5		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.3	12.5	90
6			0.3	0.9	0.8	0.9	1.0	1.0	1.0	1.0	0.4				7.3	12.6	58
7			0.2	0.7	0.8	1.0	0.8	1.0	1.0	1.0	1.0	1.0	0.6		9.1	12.6	72
8		0.3	0.6	1.0	0.8	1.0	1.0	0.8	0.9	1.0	1.0	1.0	0.7		10.1	12.6	80
9			1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.7	12.7	76
10		0.5	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.7	12.7	84
11				0.3		0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0		7.9	12.8	62
12				0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		9.5	12.8	74
13		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			10.5	12.8	82
14					0.9	1.0	1.0	0.4	0.6	0.4	1.0	1.0	0.4		6.7	12.9	52
15		0.4	0.7	1.0	1.0	0.6	0.8	0.9	0.7	0.6	0.6	0.8	0.5		8.6	12.9	67
16				0.4	1.0	1.0	0.7								3.1	13.0	24
17						1.0	1.0	1.0	1.0	0.9	0.7	0.9	0.2		6.7	13.0	52
18		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	13.0	89
19		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.0	13.1	92
20		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.9	0.1	11.2	13.1	86
21		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.9	1.0	1.0		11.3	13.1	86
22		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.0	13.2	91
23		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.8	13.2	89
24		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.9	1.0	1.0	1.0		11.3	13.2	86
25		0.2	0.4	0.9	1.0	1.0	0.8	1.0	1.0	0.6	0.9	1.0	0.2		9.0	13.2	68
26		0.3	0.3	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		9.1	13.3	68
27		0.5	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7			9.7	13.3	73
28			0.4	0.1	0.5	1.0	0.9	1.0	1.0	1.0	1.0	0.5	0.7		8.1	13.3	61
29		0.1	0.1		0.8	0.9	1.0	1.0	1.0	1.0	0.5	1.0	0.8		8.2	13.4	61
30		0.7	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.5		11.0	13.4	82
31				0.6	0.9	0.6	0.9	0.5	0.8	0.5	0.9	1.0	0.9	0.2	7.8	13.4	58
Medias		0.4	0.6	0.8	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.0	9.7	12.9	75

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	12.9	17.8	16.1	13.2	15.8	15.5	13.8	14.1	14.6	15.0	14.7	14.9	16.6	16.4	16.2
2	13.4	18.2	16.8	13.4	15.8	15.9	13.6	14.0	14.8	14.6	14.4	15.0	16.3	16.1	16.1
3	14.0	18.9	17.3	13.8	16.6	16.4	14.0	14.5	15.4	14.8	14.8	15.3	16.3	16.2	16.3
4	15.2	19.4	17.8	14.6	17.0	16.8	14.5	15.0	15.6	15.3	15.2	15.6	16.6	16.5	16.5
5	16.4	20.0	18.6	15.6	17.7	17.4	15.1	15.6	16.2	15.6	15.6	16.1	16.9	16.8	16.9
6	17.2	20.1	19.6	16.4	17.8	18.1	15.8	16.1	16.7	16.2	16.2	16.6	17.2	17.2	17.3
7	18.3	21.5	20.1	17.3	19.1	18.9	16.6	17.0	16.6	16.8	16.9	17.3	17.6	17.7	17.8
8	18.2	20.7	18.9	17.3	18.8	18.2	16.8	17.1	17.2	17.2	17.1	17.3	18.1	18.0	18.0
9	16.0	19.1	17.4	15.8	17.5	16.9	16.0	16.2	16.6	16.8	16.6	16.8	18.1	18.0	17.9
10	14.8	18.5	17.3	14.7	16.6	16.5	15.0	15.3	15.8	16.2	16.0	16.2	17.8	17.6	17.5
11	15.6	18.3	17.2	15.1	16.4	16.4	14.9	15.1	15.6	15.9	15.8	16.0	17.5	17.4	17.3
12	16.4	20.2	18.6	15.5	17.7	17.6	15.1	15.7	16.5	16.0	16.0	16.5	17.4	17.4	17.4
13	16.4	20.6	19.4	15.8	18.2	18.1	15.6	16.2	17.0	16.4	16.4	16.9	17.7	17.7	17.8
14	17.6	20.5	19.8	16.8	18.4	18.5	16.4	16.8	17.3	16.9	17.0	17.3	18.0	18.0	18.2
15	17.8	20.8	20.2	17.1	18.7	18.9	16.6	17.1	17.6	17.2	17.2	17.6	18.3	18.3	18.4
16	18.9	21.2	20.0	17.9	19.2	19.0	17.2	17.6	17.8	17.6	17.6	17.9	18.6	18.6	18.6
17	18.6	19.0	18.3	18.0	18.2	17.7	17.3	17.0	17.2	17.7	17.5	17.5	18.7	18.7	18.6
18	15.6	18.8	17.6	15.7	17.4	17.0	16.0	16.1	16.4	17.0	16.6	16.8	18.4	18.2	18.0
19	14.8	17.4	16.0	15.0	16.4	15.8	15.2	15.4	15.5	16.2	16.0	16.2	18.0	17.8	17.6
20	14.0	17.2	16.5	13.8	15.9	16.0	14.4	14.7	15.4	15.8	15.5	15.8	17.7	17.5	17.4
21	14.6	17.6	17.0	14.4	16.1	16.2	14.6	14.9	15.4	15.8	15.6	15.8	17.5	17.4	17.4
22	15.0	18.8	18.2	14.7	16.9	17.1	14.8	15.2	16.0	15.8	15.7	16.2	17.4	17.4	17.4
23	16.3	20.1	19.4	15.8	18.1	18.3	15.6	16.1	17.0	16.4	16.3	16.8	17.7	17.7	17.8
24	17.5	21.0	20.1	16.9	19.1	19.0	16.6	17.1	17.8	17.1	17.1	17.6	18.3	18.3	18.4
25	18.4	21.1	20.5	17.7	19.3	19.4	17.4	17.6	18.2	17.6	17.6	18.0	18.8	18.8	18.8
26	19.0	22.2	21.6	18.3	20.3	20.4	17.6	18.2	19.0	18.0	18.1	18.6	19.1	19.2	19.2
27	19.7	22.2	20.8	19.0	20.6	20.1	18.5	18.8	19.1	18.8	18.8	19.0	19.6	19.6	19.7
28	19.6	21.4	20.7	18.8	20.1	19.8	18.4	18.5	18.8	18.8	18.8	19.0	19.9	19.8	19.8
29	19.5	21.9	21.2	18.7	20.2	20.1	18.2	18.5	19.0	18.8	18.7	19.0	20.0	20.0	20.0
30	19.7	22.0	21.6	19.0	20.5	20.5	18.6	18.9	19.4	19.0	19.0	19.3	20.2	20.2	20.2
31	20.3	22.1	21.6	19.7	20.7	20.7	19.0	19.2	19.6	19.3	19.3	19.5	20.4	20.4	20.4
Prom	16.8	20.0	18.9	16.3	18.1	18.0	16.1	16.4	17.0	16.8	16.7	17.0	18.1	18.0	18.0

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA 50 cm.	LLUVIA 1.50 m.	LLUVIA 7 m.	LLUVIA 18 m.	ESTADO DEL SUELO	EVAPORACIÓN 8^h	EVAPORACIÓN 14^h	EVAPORACIÓN 20^h	EVAPORACIÓN Total	GEOHIDROMETRÍA en % Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	Freatímetro
1					0	0.7	3.3	2.0	6.4							7572
2					0	1.1	3.9	2.5	7.2							7570
3					0	0.8	3.1	2.3	6.3							7570
4					0	0.9	2.7	2.7	7.1	G.17	6.9	8.3	16.0			7572
5					0	1.7	2.1	1.6	6.0							7580
6					0	2.3	2.3	1.5	5.7							7582
7					0	1.9	2.0	1.5	3.8							7561
8					0	0.3	3.1	2.9	7.5							7584
9					0	1.5	1.6	1.5	3.7	G.18	5.3	7.4	16.6			7642
10					0	0.6	3.0	3.3	9.0							7634
11					0	2.7	2.9	2.7	8.0							7601
12					0	2.4	3.1	2.7	6.6							7618
13					0	0.8	3.9	2.5	7.3							7634
14					0	0.9	3.0	2.2	5.9	G.19	6.2	7.2	15.6			7631
15					0	0.7	3.5	1.0	7.3							7635
16					0	2.8	4.1	2.1	6.6							7635
17	74.7	81.9	79.8	59.0	2	0.4	1.5	1.4	3.7							7598
18					2	0.8	2.7	1.9	5.5							7651
19					2	0.9	2.2	1.6	4.5	G.20	18.5	19.1	22.2	20.6	15.1	7657
20					1	0.7	2.0	1.1	4.0							7647
21					1	0.9	2.3	2.0	5.0							7622
22					0	0.7	2.6	1.7	5.0							7613
23					0	0.7	2.3	1.8	5.2							7620
24					0	1.1	3.5	2.4	7.2	G.21	11.0	12.1	17.2			7625
25					0	1.3	2.4	1.9	5.7							7625
26					0	1.4	2.1	1.5	4.0							7625
27					0	0.4	2.0	1.7	4.7							7660
28					0	1.0	1.8	1.6	4.5							7675
29					0	1.1	1.6	1.6	3.9	G.22	7.8	9.2	17.9			7683
30					0	0.7	2.0	2.0	4.7							7691
31					0	0.7	1.3	1.3	3.2							7698
Prom.	74.7	81.9	79.8	59.0	-	1.1	2.6	2.0	5.7	-	-	-	-	-	-	7623

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
16.5	16.5	16.2	15.1	15.2	15.3	15.3	16.4	-3.7	Ca. m. t. y n., h. m., r. m. y n.
16.2	16.3	16.1	15.2	15.3	15.3	15.4	16.5	0.3	Ca. m. t. y n., r. m. y n.
16.3	16.4	16.3	15.2	15.4	15.4	15.4	16.4	1.4	Ca. m. t. y n., r. m. y n.
16.6	16.6	16.5	15.4	15.4	15.4	15.5	16.5	1.7	Ca. m. t. y n., r. m.
16.8	16.8	16.8	15.5	15.5	15.5	15.5	16.4	8.5	Ca. m. t. y n.
17.1	17.2	17.1	15.6	15.6	15.6	15.5	16.5	11.4	Cn. m. t. y n.
17.5	17.6	17.5	15.7	15.7	15.8	15.5	16.5	13.0	Ca. m. y n., Cn. t., r. n.
17.9	18.0	18.8	15.9	15.9	16.0	15.5	16.4	9.4	Cn. m., Ca. t. y n., r. Ds. m.
18.0	18.0	17.8	16.0	16.1	16.1	15.6	16.4	1.9	Ca. m. t. y n., B. t., r. n.
17.8	17.8	17.6	16.1	16.2	16.2	15.6	16.4	0.5	Ca. m. t. y n., r. m.
17.6	17.6	17.4	16.2	16.3	16.3	15.8	16.5	5.9	Cn. m., Ca. t. y n., r. n.
17.5	17.6	17.4	16.3	16.3	16.3	15.8	16.5	5.6	Cn. m., Ca. t. y n., r. n.
17.8	17.8	17.7	16.4	16.4	16.4	15.8	16.5	2.2	Ca. m. y n., Cn. t.
18.0	18.1	18.0	16.4	16.4	16.4	15.9	16.5	8.0	Cn. m. y t., Ca. n.
18.3	18.3	18.2	16.5	16.5	16.6	16.0	16.6	6.5	Cn. m. y t., Ca. n.
18.4	18.5	18.3	16.6	16.7	17.1	16.0	16.5	13.0	Cn. m. t. y n., LL. n., Ru. t. y n.
18.6	18.6	18.5	17.0	16.9	16.9	16.1	16.5	12.4	Cn. m. t. y n.
18.4	18.3	18.0	16.9	16.9	17.0	16.2	16.6	0.0	Ca. m. t. y n., r. m.
18.1	18.1	17.8	16.8	17.0	16.9	16.2	16.5	0.0	Ca. m. t. y n., r. m. y n.
17.9	17.8	17.6	16.8	17.0	17.0	16.1	16.5	-0.5	Ca. m. t. y n., r. m. y n.
17.7	17.8	17.6	16.8	16.9	17.0	16.2	16.5	1.3	Cn. m. y t., Ca. n., r. m. y n., Ds.Js. t.
17.7	17.8	17.6	16.8	16.9	16.9	16.3	16.5	2.7	Ca. m. t. y n., r. m. y n.
17.9	18.0	17.9	16.9	17.0	17.0	16.4	16.6	3.5	Ca. m. t. y n., r. m. y n.
18.4	18.5	18.5	17.0	17.0	17.0	16.5	16.7	6.4	Ca. m. t. y n., r. m. y n.
18.9	18.9	18.9	17.1	17.1	17.2	16.5	16.7	8.9	Cn. m. t. y n., r. m., Dl.Jl. n.
19.2	19.3	19.2	17.3	17.3	17.3	16.5	16.6	10.8	Cn. m. y t., r. m. y n.
19.6	19.7	19.6	17.4	17.4	17.4	16.5	16.8	10.4	Ca. m., Cn. t. y n., r. Ne. m., Dl.Jl. n.
19.8	19.9	19.8	17.6	17.6	17.6	16.5	16.6	10.4	Cn. m. y t., Ca. n., r. m. y n., Jl. n.
20.0	20.1	20.0	17.8	17.7	17.9	16.6	16.7	10.5	Cn. m. y n.
20.2	20.2	20.2	18.0	18.0	18.0	16.7	16.7	10.0	Ca. m., Cn. t. y n., r. m. y n.
20.4	20.4	20.3	18.2	18.2	18.2	16.7	16.8	12.3	Cn. m. y t., Ca. n., r. m. y n.
18.1	18.1	18.0	16.5	16.6	16.6	16.0	16.5	6.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	64.1	71.0	9	20-21	55.5	7	16	15.2	21.5	8.5	23.8	7	14	0.7	1	6	10.3	12.5	82
2ª	60.0	68.2	19	6-9	45.2	16	16	15.7	21.8	9.8	27.9	16	16	4.0	20	1	8.8	12.9	68
3ª	59.6	64.8	21	1	52.4	26	15-16	18.5	24.4	12.7	28.1	24	15	6.9	21	4,6	9.9	13.3	75
MES	61.2	71.0	9	20-21	45.2	16	16	16.5	22.6	10.4	28.1	24	15	0.7	1	6	9.7	12.9	75

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	63	95	1	20	1	7.8	14.1	3.4	NE	12	32	6	26	6	7-8	32	NE	5	21.21	-	-	-	-	-	-
2ª	64	100	.17	26	13	8.2	14.5	3.8	NE	12	36	16/17	30	11/16	8-9 10-11	58	S	16	17.36	81.9	81.9	17	40.0	16	17-18
3ª	76	100	31	26	24	10.5	15.0	5.6	NW	8	32	28	21	29	12-13	27	NE	27	11.46	-	-	-	-	-	-
MES	66	100	17-31	20	1	8.9	15.0	3.4	NE	11	36	16-17	30	11, 16	8-9 10-11	58	S	16	17.36	81.9	81.9	17	40.0	16	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	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2ª	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
3ª	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MES	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II NOVIEMBRE 1947 Nº. 11

RESUMEN MENSUAL

El buen tiempo y el gran número de horas de sol, sobre todo en la primera década, conforman el rasgo más característico del mes. El 4 por la tarde, coincidiendo con el pasaje de un frente frío, aumenta la nubosidad, produciéndose por la noche lluvias intermitentes. Con frío al día siguiente, el cielo vuelve a aclararse. En este aire polar desciende la temperatura a su valor mínimo mensual. El 6 la temperatura máxima no llega a los 20.0°C, el 7 empero la mínima desciende hasta 2.4°C. Es también este el único día del mes en que el promedio diario de la temperatura no alcanza a 15.0°C. Sin embargo hacia el fin de la década se restablecen nuevamente los valores normales.

En la segunda década continúa el buen tiempo, aunque los vientos suaves del sector E giran pronto hacia el N aumentando su fuerza. Consecuencia de ello es un continuo aumento de la temperatura la que el 14 sobrepasa por primera vez los 30.0°C. Un empuje de aire fresco en la madrugada del 18 interrumpe este primer período de tiempo caluroso. Durante el pasaje del frente cae una lluvia inapreciable; a medio día la nubosidad ya se ha disipado. Sin embargo la temperatura se mantiene inferior a la normal hasta el fin de la década, debido a una nueva ola de aire fresco y seco que llega el día 20.

Al iniciarse la tercera década con prevalente N, la temperatura aumenta rápidamente. En la tarde del 22 el cielo se cubre y por la noche del mismo día una zona de perturbación, cruza el Río de la Plata produciendo tormentas eléctricas y lluvias intensas que descargan la mañana del 23. Por la tarde de ese día sin embargo, el cielo se despeja nuevamente restableciéndose el buen tiempo, bonanza que continúa hasta el 29. En este breve período el viento cambia del SE al N pasando por el E. En consecuencia la temperatura y humedad ascienden alcanzando el 29 sus valores máximos mensuales de 34.5°C y 21 mm. respectivamente. El mismo día 29 desciende a su vez la presión a su mínimo mensual. El último día del mes el aire tropical reinante es desplazado por aire fresco, ocasionando el brusco descenso de la temperatura en unos 10.0°C.

Los promedios mensuales de la presión y de la temperatura fueron superiores a las normales en 2 mb y 1.0°C 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	-	-	-	-	-	-	-	-	-	14	-16	-22	-26	8	12
2	104	108	104	96	90	108	155	60	80	116	62	84	144	161	96
3	44	34	22	-	-	-	-	-12	- 2	44	26	42	32	30	44
4	40	24	20	22	16	24	23	55	64	27	43	54	45	25	40
5	102	66	55	46	52	39	67	104	88	92	86	75	79	77	64
6	62	55	56	54	72	64	-	-	-	-	-	-	-	-	67
7	56	66	82	80	126	138	190	98	100	74	72	80	104	84	114
8	112	80	52	42	48	72	58	60	64	60	60	60	62	36	68
9	48	40	40	36	34	50	58	68	114	104	68	44	100	52	64
10	-	-	-	-	-	-	-	26	32	42	74	28	0	-40	16
11	54	48	44	54	64	68	24	16	16	6	- 5	2	69	49	40
12	-	-	-	-	-	26	55	43	25	38	-17	- 8	-16	22	52
13	18	20	22	32	32	32	12	16	6	-28	-150	- 6	26	24	28
14	32	32	28	32	38	52	56	40	44	38	0	39	18	21	20
15	-	-	-	-	-	-	-	28	34	48	36	22	16	-24	12
16	48	42	34	40	30	41	11	12	26	8	0	18	38	48	32
17	30	32	32	30	20	12	- 1	- ∞	- ∞	- ∞	- ∞	- ∞	- ∞	- ∞	- ∞
18	34	28	26	20	8	- ∞	- ∞	±∞	±∞	±∞	+ ∞	+ ∞	+ ∞	60	56
19	24	28	28	36	36	50	72	80	90	66	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞
20	-	-	-	-	-	-	-	-	28	8	18	14	4	- 4	-28
21	94	124	86	96	96	153	221	155	88	6	-88	-12	52	66	64
22	82	60	52	42	32	8	-24	- 8	36	54	48	66	44	59	57
23	21	29	±∞	±∞	±∞	±∞	±∞	±∞	±∞	±∞	104	80	50	-20	159
24	151	112	112	84	92	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞
25	+ ∞	89	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	159	147	171	147	151	151	151	136
26	72	70	83	96	+ ∞	116	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞
27	62	60	60	68	64	128	104	72	64	60	48	79	62	68	72
28	+ ∞	83	75	74	69	74	42	51	54	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞
29	41	19	20	27	56	87	+ ∞	57	59	62	58	60	30	64	52
30	- ∞	±∞	32	- ∞	-32	±∞	2	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞	+ ∞
31															
Prom.	83.0	68.0	62.2	59.0	72.5	94.2	104.8	83.5	79.0	71.5	66.5	73.5	76.8	66.2	79.5

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	4.92	4.70	9.62	1.03	3.47	4.54	8.00	0.75	0.57	0.41	0.98	1.39	0.42	0.59	1.01	0.71
2	4.06	4.59	8.65	0.87	7.80	8.94	16.74	0.88	0.62	0.66	1.28	0.94	1.12	1.24	2.36	0.90
3	5.94	5.43	11.38	1.10	8.54	10.69	19.23	0.80	0.90	0.79	1.69	1.14	1.24	1.66	2.90	0.75
4	9.37	10.54	19.90	0.88	8.53	8.13	16.66	1.05	1.21	1.38	2.59	0.88	1.62	1.33	2.95	1.22
5	5.13	6.62	11.76	0.77	9.08	10.33	19.41	0.88	0.65	0.72	1.37	0.90	1.14	1.42	2.56	0.80
6	4.65	4.01	8.66	1.17	6.30	7.03	13.33	0.90	0.55	0.54	1.09	1.02	0.88	0.86	1.74	1.02
7	6.02	5.74	11.76	1.05	2.82	3.29	6.12	0.84	0.70	0.67	1.37	1.04	0.41	0.41	0.82	1.00
8	6.64	9.39	16.04	0.72	8.22	9.17	17.39	0.90	1.01	1.14	2.15	0.88	1.07	0.99	2.06	1.08
9	4.24	4.52	8.77	0.93	7.35	4.74	12.10	1.54	0.59	0.59	1.18	1.00	0.63	0.63	1.26	1.00
10	2.99	2.67	5.66	1.14	2.74	3.84	6.57	0.72	0.36	0.30	0.66	1.20	0.31	0.42	0.73	0.74
11	-	-	-	-	3.26	3.26	6.53	1.00	0.71	1.00	1.71	0.71	0.36	0.44	0.80	0.82
12	5.64	7.73	13.37	0.73	3.15	4.04	7.18	0.79	0.78	0.90	1.68	0.87	0.37	0.43	0.80	0.86
13	-	-	-	-	3.50	4.17	7.68	0.84	0.85	0.96	1.81	0.88	0.37	0.43	0.80	0.86
14	5.00	8.06	13.06	0.62	5.84	6.94	12.78	0.85	0.74	0.96	1.70	0.77	0.80	0.82	1.62	0.98
15	9.42	12.11	21.53	0.78	3.94	4.00	7.95	0.98	1.74	1.33	3.07	1.31	0.50	0.44	0.94	1.14
16	9.37	11.88	21.25	0.78	8.21	10.87	19.08	0.76	1.29	1.62	2.91	0.80	1.06	1.40	2.46	0.76
17	8.41	11.34	9.57	0.75	9.52	11.65	21.17	0.81	1.23	1.44	2.67	0.87	1.44	1.74	3.18	0.83
18	2.71	4.52	7.23	0.60	6.58	8.76	15.33	0.75	0.45	0.58	1.03	0.78	0.94	1.25	2.19	0.75
19	1.82	2.38	4.20	0.75	3.31	3.31	6.61	1.00	0.26	0.28	0.54	0.93	0.32	0.40	0.72	0.80
20	4.30	4.68	8.98	0.92	10.21	10.96	21.17	0.94	0.62	0.65	1.27	0.95	1.36	1.68	3.04	0.81
21	3.12	2.75	5.88	1.17	3.96	4.56	8.52	0.85	0.38	0.29	0.67	1.31	0.46	0.50	0.96	0.92
22	13.81	10.50	24.32	1.32	7.61	11.22	18.83	0.68	1.64	1.80	3.44	0.91	1.06	1.46	2.52	0.73
23	3.56	6.90	10.46	0.52	8.54	11.98	20.43	0.72	-	-	-	-	1.31	1.68	2.99	0.78
24	1.17	2.99	4.16	0.40	3.76	4.29	8.05	0.86	0.38	0.60	0.98	0.63	0.53	0.78	1.31	0.68
25	5.48	7.39	12.87	0.74	2.40	2.73	5.13	0.89	0.77	0.92	1.69	0.82	0.37	0.45	0.82	0.82
26	5.74	6.86	12.60	0.84	2.76	3.20	5.96	0.84	0.75	0.89	1.64	0.84	0.33	0.43	0.76	0.77
27	11.62	11.98	23.60	0.97	6.37	5.85	12.23	1.09	1.58	1.56	3.14	1.01	0.82	0.85	1.67	0.96
28	6.35	8.95	15.30	0.71	6.80	6.80	13.60	1.00	1.38	1.21	2.59	1.14	0.95	1.11	2.06	0.86
29	8.45	12.14	20.60	0.70	12.30	15.57	27.86	0.78	1.09	1.51	2.60	0.72	-	-	-	-
30	7.16	8.15	15.30	0.88	7.66	6.27	13.93	1.23	-	-	-	-	0.60	0.61	1.21	0.98
31																
Prom.	5.97	7.12	12.73	0.85	6.15	7.04	13.18	0.90	0.85	0.92	1.77	0.95	0.78	0.91	1.70	0.87

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
4	-21	55	+∞	153	167	104	78	84		∞	-∞	-	2*
56	68	52	-	-	-	72	62	64		206	-54	260	1*
32	42	36	42	48	46	44	24	28		100	-64	164	2*
37	27	-64	-194	- 8	±∞	±∞	14	82		∞	-∞	-	3*
51	49	54	52	55	56	59	65	65	66.6	147	36	111	0
66	8	13	14	33	57	79	77	74		103	-74	177	1*
92	48	44	40	92	78	88	128	120	91.4	∞	-32	-	1
54	52	76	74	72	68	62	68	72	63.8	155	-40	195	1
52	80	62	92	147	144	108	102	56		218	-60	278	2
-28	- 8	39	40	20	42	20	32	36		140	-181	321	2*
-24	-48	-18	-16	-14	-	-	-	-		101	-∞	-	2*
50	72	98	92	108	104	90	48	14		202	-96	298	2*
-26	-∞	2	76	+∞	+∞	+∞	80	44		∞	-∞	-	2*
4	16	-11	-64	-50	-27	-	34	34		105	-∞	-	2*
14	46	18	118	110	80	76	70	74		202	-90	292	2*
22	24	4	16	64	60	32	32	30		97	-48	145	2
-∞	-∞	6	20	62	63	20	34	28		∞	-∞	-	3*
56	52	48	52	64	68	34	-	-		∞	-∞	-	3*
+∞	31	+∞	+∞	36	38	60	64	48		181	-34	215	1*
6	18	34	40	36	42	16	12	38		34	-132	166	2*
84	52	24	40	60	68	124	132	100		∞	-204	-	2
76	86	55	63	100	76	81	62	-100		∞	-∞	-	2*
100	84	70	77	79	+∞	138	+∞	+∞		∞	-∞	-	3*
+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞		∞	76	-	0*
132	147	+∞	+∞	+∞	+∞	146	108	74		216	66	150	0*
+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	82		∞	60	-	0*
74	92	96	112	151	163	155	132	120	90.2	214	26	188	0*
+∞	48	60	+∞	+∞	49	- 4	41	60		∞	-72	-	1*
-∞	-∞	-∞	-13	-∞	-14	24	-	-		∞	-∞	-	3*
+∞	+∞	+∞	+∞	+∞	83	93	89	83		∞	-∞	-	3*
67.8	60.2	67.5	69.5	92.5	91.2	91.0	98.2	94.2	78.0				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
-20	-22	51	-0.72	1.72	-	-	-	-	-	-
56	40	56	1.71	4.40	-	-	-	-	-	-
12	40	36	2.25	3.48	-	-	-	-	-	-
48	62	18	5.35	1.77	-	-	-	-	-	-
84	66	50	3.01	4.27	-	-	-	-	-	-
-	-	10	-	0.58	-	-	-	-	-	-
84	72	38	3.29	1.04	-	-	-	-	-	-
56	50	62	3.58	4.26	-	-	-	-	-	-
56	28	68	1.10	2.86	-	-	-	-	-	-
96	52	20	1.14	0.49	-	-	-	-	-	-
-14	-29	-36	-1.65	-0.96	-	-	-	-	-	-
-24	-12	108	-0.67	2.88	-	-	-	-	-	-
-60	-30	- 3	-1.81	-0.08	-	-	-	-	-	-
- 8	20	-19	1.13	-1.03	-	-	-	-	-	-
24	0	16	-	0.50	-	-	-	-	-	-
0	12	4	1.16	0.33	-	-	-	-	-	-
-∞	-∞	-11	-	-1.17	-	-	-	-	-	-
+∞	+∞	50	-	3.65	-	-	-	-	-	-
+∞	+∞	+∞	-	-	-	-	-	-	-	-
8	20	30	0.85	3.04	-	-	-	-	-	-
-38	-34	14	-0.76	0.46	-	-	-	-	-	-
58	62	66	7.11	5.54	-	-	-	-	-	-
100	106	80	-	7.97	-	-	-	-	-	-
+∞	+∞	+∞	-	-	-	-	-	-	-	-
147	142	+∞	8.02	-	-	-	-	-	-	-
+∞	+∞	+∞	-	-	-	-	-	-	-	-
52	75	86	7.85	4.79	-	-	-	-	-	-
+∞	+∞	60	-	4.12	-	-	-	-	-	-
58	59	-∞	5.11	-	-	-	-	-	-	-
+∞	+∞	+∞	-	-	-	-	-	-	-	-
35	35	35	2.35	2.29	-	-	-	-	-	-

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.3	63.2	63.1	63.2	63.9	63.2	64.8	65.0	65.0	65.1	65.1	65.1	65.2	64.7	64.4
2	65.8	65.8	65.7	65.8	66.1	66.2	66.5	66.4	66.3	65.9	65.1	64.8	64.1	63.6	62.9
3	61.1	60.9	60.9	60.9	60.9	61.0	61.0	61.0	60.8	60.2	60.0	59.1	58.3	57.8	57.0
4	56.6	56.4	56.5	56.5	56.7	56.8	56.9	56.8	56.8	56.6	56.4	55.6	55.5	54.7	54.4
5	58.6	58.8	58.8	59.0	59.8	60.9	61.8	62.0	62.1	62.2	62.3	62.2	62.0	61.4	61.2
6	63.4	64.0	63.8	63.9	64.1	64.5	64.9	65.0	65.2	65.2	64.9	64.7	64.2	63.8	63.0
7	64.0	63.8	63.5	63.3	63.8	64.0	64.0	64.0	63.9	63.6	63.0	62.9	62.3	61.8	61.0
8	61.4	61.4	61.4	61.5	62.1	62.4	62.4	62.4	62.4	62.2	62.0	61.5	61.2	60.8	60.1
9	61.3	61.2	61.3	61.3	62.1	62.5	62.6	63.2	63.2	63.1	62.8	62.1	61.8	61.4	61.0
10	62.5	62.4	62.2	62.3	62.9	63.1	63.4	63.8	63.5	63.7	63.3	63.0	62.8	62.4	62.1
11	63.1	62.8	62.5	62.5	63.0	63.1	63.3	64.1	64.0	64.0	63.4	63.1	63.0	62.3	61.9
12	62.3	62.3	62.3	62.3	63.1	63.4	63.5	63.6	63.4	63.4	63.1	62.3	62.2	61.2	61.0
13	61.2	61.2	61.1	61.1	61.2	61.4	62.0	62.2	62.1	61.9	61.4	61.3	61.0	60.8	60.2
14	62.0	62.0	62.0	62.2	62.2	62.4	62.9	63.0	62.6	62.4	62.3	62.1	61.7	61.2	61.0
15	61.5	61.5	61.4	61.8	62.4	62.6	63.1	62.6	62.5	62.3	62.0	61.5	61.2	60.5	60.0
16	59.7	59.6	59.4	59.4	59.4	59.4	59.5	59.6	59.4	59.3	58.5	58.1	57.3	56.8	56.0
17	54.6	54.7	54.6	54.6	54.7	55.3	55.3	55.4	54.8	54.5	54.3	53.5	53.2	52.5	51.5
18	50.8	50.8	50.8	51.9	52.8	54.7	55.8	56.0	56.7	55.9	55.5	55.9	56.0	55.8	55.8
19	59.2	59.3	59.1	59.6	59.6	59.8	59.9	60.0	59.5	59.3	58.8	58.7	58.4	57.6	57.1
20	53.9	53.6	53.6	53.7	53.9	54.5	54.7	55.0	55.1	55.5	55.3	54.9	55.3	55.3	55.4
21	60.6	60.6	60.6	61.1	61.3	61.9	62.2	62.2	62.1	62.1	61.5	61.2	60.7	60.2	59.1
22	58.0	58.0	58.1	58.1	58.2	58.5	58.5	58.6	58.5	58.3	57.5	56.7	56.2	55.4	54.4
23	51.8	52.7	52.7	52.9	51.7	51.8	52.5	52.8	50.1	50.9	52.7	53.9	54.0	54.2	53.9
24	55.8	56.0	56.6	56.9	57.5	57.9	58.6	58.8	58.7	58.7	58.6	58.4	58.4	58.3	57.7
25	58.8	58.8	58.8	58.8	58.9	59.6	59.9	60.0	60.1	59.8	59.2	58.9	58.6	57.9	57.6
26	57.5	57.5	57.7	58.3	58.6	59.0	59.5	59.6	59.5	59.3	58.7	58.5	58.0	57.6	57.4
27	56.8	56.6	56.7	56.8	57.3	57.3	57.4	57.4	57.3	56.5	55.8	55.4	54.7	54.4	53.3
28	54.3	54.4	54.7	55.6	55.5	55.7	55.9	56,0	55.8	55.7	55.2	54.9	54.7	53.8	53.6
29	52.0	51.9	51.8	52.1	52.5	52.4	52.5	52.4	52.2	52.5	52.2	51.7	50.8	49.8	49.1
30	54.9	54.8	54.7	55.8	55.8	56.1	56.1	57.8	57.8	57.8	57.8	58.7	58.8	58.8	59.0
31															
Prom	58.9	58.9	58.9	59.1	59.4	59.7	60.0	60.2	60.0	59.9	59.6	59.4	59.0	58.6	58.1

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	14.8	14.3	14.4	14.5	14.7	14.8	15.6	18.2	20.3	21.0	20.3	19.4	21.0	20.0	20.4
2	9.4	8.4	6.9	6.1	5.5	5.4	11.4	16.4	17.7	18.5	19.6	20.2	20.7	21.8	22.0
3	12.7	12.6	11.7	11.9	11.0	12.0	15.1	18.2	20.8	22.2	23.8	24.6	25.4	25.8	25.9
4	13.5	12.6	12.5	12.4	11.8	12.4	16.5	20.6	23.5	24.6	25.6	26.7	27.7	28.4	28.6
5	11.4	10.0	9.1	8.6	8.4	8.7	11.5	12.8	13.8	15.2	16.1	17.7	19.3	19.4	19.5
6	8.9	7.5	6.4	4.7	4.7	5.3	9.3	12.1	13.8	15.1	16.2	17.2	18.5	19.2	19.3
7	7.2	6.5	5.7	4.8	3.9	4.0	10.0	13.8	15.3	16.5	17.3	17.9	18.5	19.5	19.8
8	11.7	11.4	11.6	10.9	10.3	10.9	13.4	16.4	18.5	20.6	22.0	23.0	23.7	24.0	23.8
9	13.3	12.5	12.4	12.0	11.7	12.7	15.7	18.8	21.0	23.4	23.9	24.9	26.0	26.4	25.8
10	15.3	15.6	15.6	15.8	15.3	15.5	17.3	19.7	23.1	23.3	24.4	25.0	25.0	25.2	25.1
11	13.6	12.7	12.4	11.9	13.1	15.1	16.8	18.6	19.1	20.0	21.1	22.3	22.3	23.0	23.1
12	17.0	16.4	15.7	15.5	14.9	15.4	17.5	18.7	19.8	22.0	22.8	24.0	24.4	25.2	25.3
13	18.8	18.1	18.1	17.7	17.4	17.7	19.2	21.4	22.9	24.6	25.7	26.8	27.5	28.2	28.5
14	19.3	18.5	17.8	17.8	16.8	17.8	20.7	23.2	24.7	26.7	28.2	28.5	29.5	29.3	29.4
15	19.7	18.7	17.9	17.1	16.7	16.9	19.3	21.7	22.9	24.6	26.9	27.7	28.3	28.9	28.5
16	18.0	17.3	17.1	16.3	16.2	16.4	18.4	21.0	22.5	25.3	26.6	27.8	28.7	29.8	30.0
17	20.7	19.8	18.8	18.0	17.9	18.2	21.0	24.0	25.9	27.8	29.8	30.2	31.3	31.3	30.6
18	21.6	21.0	20.1	18.6	19.5	19.5	17.6	16.6	16.6	16.6	18.3	19.8	21.8	22.6	23.7
19	13.6	12.8	12.0	11.3	11.0	11.2	15.0	18.5	20.1	20.7	21.4	21.4	21.8	22.3	22.7
20	13.7	16.4	16.0	15.8	15.9	16.7	18.6	22.2	23.0	22.1	24.2	25.3	25.5	26.2	25.6
21	12.9	12.2	11.3	11.1	10.6	11.6	15.7	18.4	20.1	20.5	21.3	21.7	22.3	23.4	23.9
22	15.6	16.3	16.6	16.4	15.9	16.8	20.0	23.1	25.6	27.5	28.7	29.7	29.8	30.5	30.6
23	24.9	22.6	18.6	17.8	17.2	17.0	17.5	18.0	18.1	19.4	19.8	19.9	20.9	19.8	22.7
24	13.7	13.5	13.5	13.5	12.9	14.8	18.0	20.4	22.1	23.5	23.9	24.6	25.3	25.0	24.8
25	18.4	18.3	17.6	17.4	16.6	17.9	19.7	21.2	21.5	22.5	23.0	23.6	24.6	25.5	25.5
26	20.1	19.5	19.1	18.3	17.7	19.4	21.4	22.7	23.4	23.6	24.6	25.7	25.6	26.2	26.3
27	20.6	20.5	20.2	19.5	19.4	19.8	21.2	22.8	23.7	24.2	25.0	25.3	26.6	27.6	28.5
28	21.4	21.3	21.5	21.2	20.8	21.1	21.8	22.6	23.9	26.0	28.0	30.1	31.0	31.4	32.1
29	22.8	22.8	22.8	22.6	22.5	23.8	26.4	28.6	29.6	30.6	31.4	33.0	33.6	34.0	34.1
30	18.0	18.0	17.9	17.9	17.9	17.9	17.9	18.8	19.1	19.7	20.5	21.0	21.4	21.8	21.7
31															
Prom	16.1	15.6	15.0	14.6	14.3	14.9	17.3	19.6	21.1	22.3	23.4	24.2	24.9	25.4	25.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
64.4	64.8	64.9	65.2	65.6	65.8	65.9	65.9	65.8	65.9	22-23	63.1	3	2.8	764.7 mm.	1019.6 mb.
62.7	62.0	62.0	61.9	61.8	61.9	61.8	61.9	61.8	66.5	7	61.8	20,22,24	4.7	64.1	1018.8
56.9	56.7	56.5	56.9	57.2	57.3	57.3	57.2	56.9	61.1	1	56.5	18	4.6	58.9	1011.8
53.7	53.6	54.7	56.0	56.9	57.7	57.1	57.8	58.1	58.1	24	53.6	17	4.5	56.2	1008.2
61.2	61.2	61.5	62.2	62.4	63.1	63.2	63.2	63.3	63.3	24	58.6	1	4.7	61.4	1015.2
62.9	62.9	63.2	63.8	64.0	64.1	64.2	64.2	64.1	65.2	9-10	62.9	16-17	2.3	64.1	1018.8
60.9	60.9	61.2	61.4	61.6	62.7	61.9	61.4	61.5	64.0	1,6-8	60.9	16-17	3.1	62.6	1016.8
59.8	59.9	60.2	60.4	61.0	61.2	61.2	61.5	61.5	62.4	6-9	59.8	16	2.6	61.3	1015.0
61.1	61.1	61.7	62.0	62.2	63.0	63.0	62.5	62.5	63.2	8-9	61.0	15	2.2	62.1	1016.1
62.0	62.1	62.2	62.5	62.7	63.2	63.1	63.1	63.2	63.8	8	62.0	16	1.8	62.8	1017.0
61.3	61.2	61.3	61.2	61.4	62.0	62.1	62.2	62.3	64.1	8	61.2	17,19	2.9	62.6	1016.8
60.7	60.5	60.5	60.6	61.0	61.1	61.1	61.2	61.2	63.6	8	60.5	17-18	3.1	62.0	1016.0
60.2	60.2	60.3	61.0	61.2	61.7	62.0	62.1	62.1	62.2	8	60.2	15-17	2.0	61.3	1015.0
61.0	60.8	60.6	60.6	60.7	60.9	61.1	61.4	61.5	63.0	8	60.6	18-19	2.4	61.7	1015.6
59.4	59.6	59.7	59.7	59.8	60.0	60.0	60.2	59.8	63.1	7	59.4	16	3.7	61.0	1014.6
55.5	55.4	55.4	55.5	55.6	55.8	55.7	55.5	54.8	59.7	1	54.8	24	4.9	57.5	1010.0
50.7	50.6	50.4	50.4	50.2	50.7	50.9	50.8	50.8	55.4	8	50.2	20	5.2	52.9	1003.8
55.7	55.8	56.0	56.7	57.4	58.4	58.6	58.9	59.5	59.5	24	50.8	1-3	8.7	55.5	1007.3
56.4	56.1	56.0	55.8	55.5	55.6	55.5	54.7	54.6	60.0	8	54.6	24	5.4	57.8	1010.4
55.5	56.2	56.5	58.1	58.2	59.2	59.7	60.3	60.5	60.5	24	53.6	2-3	6.9	56.0	1008.0
58.8	58.1	57.9	57.9	58.3	58.5	58.6	58.5	58.1	62.2	7-8	57.9	18-19	4.3	60.1	1013.4
53.8	53.4	52.5	52.6	52.5	53.4	53.4	51.6	50.8	58.6	8	50.8	24	7.8	55.7	1007.6
53.8	53.8	53.9	54.8	55.6	55.8	56.3	55.8	55.7	56.3	22	50.1	9	6.2	53.5	1004.6
57.5	57.6	57.7	57.8	58.0	58.5	58.7	58.7	58.8	58.8	8,24	55.8	1	3.0	57.9	1010.5
56.8	56.6	56.7	56.7	57.3	57.4	57.4	57.4	57.4	60.1	9	56.6	17	3.5	58.3	1011.0
57.3	57.2	57.3	57.4	57.6	57.8	57.9	57.7	57.5	59.6	8	57.2	17	2.4	58.1	1010.8
53.0	52.3	52.1	52.3	52.7	52.8	53.1	54.0	54.3	57.4	7-8	52.1	18	5.3	55.0	1006.6
53.3	52.5	52.4	52.9	52.8	52.9	52.9	52.9	52.1	56.0	8	52.1	24	3.9	54.2	1005.6
50.7	51.7	52.2	53.5	53.4	53.6	53.7	54.1	55.7	55.7	24	49.1	15	6.6	52.3	1003.0
59.5	59.7	60.0	60.7	61.4	62.4	62.8	63.5	63.6	63.6	24	54.7	3	8.9	58.7	1011.6
57.9	57.8	57.9	58.3	58.5	59.0	59.0	59.0	59.0	61.1		56.8		4.3	59.0	1012.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
19.8	18.8	17.0	15.4	14.4	13.4	12.1	10.7	10.2	21.0	10,13	10.2	24	10.8	16.5
21.9	21.4	19.0	17.2	16.2	15.4	14.6	13.8	12.6	22.0	15	5.4	6	16.6	15.1
25.7	24.9	22.7	19.8	17.8	16.7	15.8	14.7	14.5	25.9	15	11.0	5	14.9	18.6
28.3	27.4	23.5	19.4	18.2	16.0	15.5	14.2	13.4	28.6	15	11.8	5	16.8	19.7
19.7	19.5	18.0	16.1	14.2	12.4	12.1	10.8	9.7	19.7	16	8.4	5	11.3	13.9
19.1	17.8	16.1	14.3	13.0	11.8	10.2	9.3	8.2	19.3	15	4.7	4-5	14.6	12.4
20.3	19.7	18.5	16.4	14.4	13.4	12.5	12.4	12.4	20.3	16	3.9	5	16.4	13.4
23.6	23.3	21.3	19.1	16.7	15.5	15.1	14.9	14.2	24.0	14	10.3	5	13.7	17.3
25.4	24.2	22.9	18.7	15.6	14.7	13.9	15.4	15.3	26.4	14	11.7	5	14.7	18.6
24.0	21.9	20.2	18.2	16.8	15.8	14.9	14.5	13.8	25.2	14	13.8	24	11.4	19.2
22.9	21.9	19.8	18.6	18.1	18.0	18.0	18.2	17.7	23.1	15	11.9	4	11.2	18.3
25.2	24.4	22.9	20.8	19.2	18.2	17.3	18.1	19.1	25.3	15	14.9	5	10.4	20.0
27.8	26.5	24.6	22.5	20.8	20.3	20.1	19.2	19.2	28.5	15	17.4	5	11.1	22.2
28.7	27.8	25.7	23.8	22.9	22.2	21.7	21.4	20.7	29.5	13	16.8	5	12.7	23.5
27.5	26.4	24.2	21.8	20.4	18.8	18.1	17.8	17.8	28.9	14	16.7	5	12.2	22.0
29.8	29.4	27.2	24.7	23.4	22.6	22.5	22.4	21.6	30.0	15	16.2	5	13.8	23.1
30.8	30.5	28.4	26.1	24.2	22.5	24.3	23.3	22.5	31.3	13-14	17.9	5	13.4	24.9
24.1	23.8	23.5	21.4	19.4	17.9	16.0	14.8	14.2	24.1	16	14.2	24	9.9	19.5
22.7	21.8	20.1	18.2	16.9	16.2	15.9	15.3	14.8	22.7	15-16	11.0	5	11.7	17.4
25.2	24.4	22.8	20.8	17.8	17.1	16.2	15.0	14.0	26.2	14	13.7	1	12.5	20.0
24.1	23.4	22.2	20.0	18.2	17.8	17.2	16.6	15.9	24.1	16	10.6	5	13.5	18.0
31.1	30.1	27.7	26.2	24.6	24.2	24.4	24.5	24.6	31.1	16	15.6	1	15.5	24.2
22.7	22.3	21.3	19.3	18.0	17.0	15.8	15.3	14.5	24.9	1	14.5	24	10.4	19.2
24.4	23.4	21.8	20.2	19.1	18.9	18.7	18.5	18.4	25.3	13	12.9	5	12.4	19.7
25.6	25.4	23.6	22.0	21.0	19.9	19.1	20.0	20.3	25.6	16	16.6	5	9.0	21.3
26.4	26.2	24.9	23.0	21.7	20.8	20.3	20.4	20.4	26.4	16	17.7	5	8.7	22.4
28.2	28.0	27.5	26.1	24.2	23.3	23.0	22.6	22.1	28.5	15	19.4	5	9.1	23.8
31.9	29.6	26.9	25.1	24.0	23.5	23.5	23.3	23.3	32.1	15	20.8	5	11.3	25.2
26.5	22.6	20.8	20.8	19.9	20.6	20.9	20.0	19.1	34.1	15	19.1	24	15.0	25.4
21.8	20.4	19.3	18.4	16.6	16.0	16.2	16.1	15.0	21.8	14,16	15.0	24	6.8	18.7
25.2	24.2	22.5	20.5	18.9	18.0	17.5	17.1	16.6	25.9		13.5		12.4	19.8

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.5	11.0	11.0	11.0	11.5	11.0	11.5	12.2	12.0	11.5	12.0	13.0	11.5	12.0	11.0
2	8.0	7.6	6.8	6.8	6.4	6.4	8.5	8.0	7.8	8.0	9.5	8.5	7.8	6.9	6.4
3	10.5	10.5	9.0	9.0	8.5	9.0	10.5	10.8	10.5	9.5	9.0	8.5	9.0	7.9	6.8
4	10.0	9.5	10.0	9.5	9.5	9.5	9.5	10.1	9.0	9.5	9.0	8.5	9.0	9.3	8.0
5	7.6	6.6	6.2	6.8	7.8	7.8	7.8	8.2	8.5	8.0	7.8	7.2	7.0	6.5	6.2
6	7.0	5.8	6.6	5.8	5.8	6.0	6.2	6.5	6.2	6.0	5.8	6.2	6.8	6.9	7.0
7	7.2	7.0	6.6	6.2	5.8	5.8	8.5	8.9	7.6	8.5	8.5	8.5	8.0	8.7	8.0
8	9.0	9.0	8.5	8.5	8.5	8.0	8.5	9.1	9.0	9.0	9.0	9.0	8.0	9.0	8.0
9	9.0	8.0	7.8	8.0	8.0	9.0	10.0	10.1	10.5	10.0	8.0	7.6	8.0	8.4	5.6
10	12.0	12.5	12.5	13.0	12.5	12.5	12.5	13.4	12.0	11.0	11.5	13.5	12.0	12.7	11.0
11	10.5	10.5	10.0	10.0	10.5	11.5	11.5	11.6	11.0	10.5	9.5	9.5	9.5	11.0	10.0
12	11.0	10.5	11.0	10.5	11.0	11.0	11.5	11.4	11.5	11.0	10.5	10.5	10.5	10.6	10.0
13	12.5	12.5	13.5	13.0	12.5	12.5	12.5	12.9	12.5	13.0	12.5	13.5	13.0	13.0	12.0
14	12.0	12.0	13.0	13.0	12.0	13.0	13.0	13.1	13.0	13.5	15.0	13.5	11.5	11.2	11.5
15	13.0	12.5	12.5	12.0	12.0	11.5	12.0	12.6	13.0	13.0	12.5	11.5	9.0	10.4	10.5
16	11.0	11.0	11.0	11.0	11.0	11.5	11.0	12.0	11.5	12.5	12.0	13.0	12.5	12.9	11.5
17	10.5	10.5	10.5	11.0	11.5	12.0	11.5	11.7	11.5	10.5	11.5	10.5	9.5	10.3	9.0
18	11.0	10.5	11.0	11.5	12.0	12.0	13.0	13.2	13.0	13.0	14.0	14.0	13.0	14.1	13.5
19	10.5	10.0	9.5	9.0	9.0	9.0	9.0	10.2	9.0	9.5	8.0	8.0	7.2	6.2	6.6
20	11.0	11.5	11.0	11.5	12.0	13.0	13.5	14.4	14.0	12.5	10.5	10.0	7.8	6.4	5.4
21	8.5	7.6	7.6	7.6	7.4	6.8	7.0	5.8	6.6	7.6	8.0	8.0	7.6	5.2	5.0
22	11.5	10.5	11.5	11.5	11.5	12.0	13.5	14.6	15.0	15.5	15.0	14.5	16.5	16.4	15.5
23	17.0	17.5	14.5	14.5	14.0	14.0	14.5	14.9	15.0	14.5	15.0	14.0	15.0	15.9	14.5
24	11.0	11.0	11.0	11.0	10.5	11.5	12.5	13.2	12.5	13.5	13.5	12.0	11.5	11.7	12.0
25	14.5	13.5	13.0	13.5	13.0	12.5	12.0	12.2	11.5	12.5	13.0	12.5	14.0	14.5	14.0
26	15.0	14.5	15.0	14.5	14.5	15.5	15.5	15.2	15.5	14.5	15.5	14.0	14.0	13.4	14.5
27	16.5	15.5	16.0	15.5	15.5	15.5	15.5	16.0	16.5	16.0	15.5	16.0	16.0	16.4	16.5
28	17.5	17.5	17.5	17.0	16.5	17.0	18.0	17.9	18.0	18.0	19.0	19.5	17.5	17.2	15.0
29	19.0	19.0	19.0	18.5	18.5	18.0	19.5	20.6	19.0	22.0	19.5	19.5	18.5	18.8	17.0
30	14.0	14.0	14.0	14.0	14.0	14.0	14.5	16.1	14.0	14.0	14.5	14.0	14.5	12.7	11.0
31															
Prom.	11.6	11.4	11.2	11.2	11.1	11.3	11.8	12.2	11.9	11.9	11.8	11.6	11.2	11.2	10.5

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.5	9.0	6.8	6.8	7.1	7.0	7.0	7.4	7.6	13.0	12	6.8	18-19	6.2	10.1
7.4	9.0	10.0	10.5	10.8	10.5	11.0	10.5	10.0	11.0	22	6.4	5-6,15	4.6	8.5
6.8	6.4	7.6	9.5	9.6	8.5	9.0	9.0	10.0	10.8	8	6.4	17	4.4	9.0
9.0	8.5	10.0	10.5	10.8	11.0	12.0	10.0	9.5	12.0	22	8.0	15	4.0	9.6
6.4	5.2	5.8	6.4	7.1	6.6	6.6	6.4	6.8	8.5	9	5.2	17	3.3	7.0
7.0	7.8	9.0	8.5	8.3	8.5	8.0	8.0	7.8	9.0	18	5.8	4-5,11	3.2	7.0
8.0	8.0	9.0	9.0	9.8	10.0	9.0	9.5	9.5	10.0	21	5.8	5-6	4.2	8.2
8.0	8.0	8.5	8.5	11.0	10.5	11.0	11.5	11.5	11.5	23-24	8.0	6,13,15-17	3.5	9.1
5.4	6.2	7.8	9.0	9.6	10.0	10.5	10.5	10.5	10.5	9,22-24	5.4	16	5.1	8.6
11.5	12.0	11.5	11.0	11.6	11.0	11.0	11.0	10.5	13.5	12	10.5	24	3.0	11.9
10.5	11.0	11.5	12.0	12.7	12.5	13.0	11.0	11.5	13.0	22	9.5	11-13	3.5	11.0
11.0	10.5	11.5	12.0	11.6	11.0	12.0	12.0	12.5	12.5	24	10.0	15	2.5	11.1
11.5	12.0	12.0	11.5	11.5	11.0	10.5	10.0	11.0	13.5	3,12	10.0	23	3.5	12.2
11.0	10.5	10.5	11.5	13.2	14.0	15.0	11.5	13.0	15.0	11,22	10.5	17-18	4.5	12.5
11.5	11.0	12.5	12.0	13.0	13.0	12.5	13.0	12.5	13.0	1,9-10,20-21,23	9.0	13	4.0	12.0
11.5	13.0	12.5	13.0	14.3	15.5	12.5	11.5	11.0	15.5	21	11.0	1-5,7,24	4.5	12.1
9.0	9.0	9.0	14.5	14.0	13.5	10.5	11.0	10.5	14.5	19	9.0	15-18	5.5	11.0
10.5	11.5	12.0	12.5	12.7	12.5	11.0	11.0	10.5	14.1	14	10.5	2,16,24	3.6	12.2
5.6	8.0	9.0	10.5	10.6	10.5	11.0	11.0	11.5	11.5	24	5.6	16	5.9	9.1
6.6	6.4	6.6	7.8	8.5	10.5	10.5	10.5	9.5	14.4	8	5.4	15	9.0	10.1
6.2	5.8	7.4	10.5	11.6	11.5	12.5	13.0	12.0	13.0	23	5.2	14	7.8	8.2
16.0	15.0	13.0	13.0	15.9	16.0	16.5	17.5	16.5	17.5	23	10.5	2	7.0	14.4
13.5	14.5	14.5	13.5	12.9	12.5	12.0	12.0	14.5	17.5	2	12.0	22-23	5.5	14.4
14.0	13.0	14.0	14.5	13.9	14.0	14.0	14.5	14.5	14.5	19,23-24	10.5	5	4.0	12.7
14.0	14.0	14.5	15.0	15.4	15.0	15.0	14.0	14.5	15.4	20	11.5	9	3.9	13.6
13.5	13.0	13.5	14.0	14.8	16.0	15.5	16.5	16.5	16.5	23-24	13.0	17	3.5	14.8
16.0	16.0	17.0	18.0	18.3	17.5	17.0	17.5	17.0	18.3	20	15.5	2,4-7,11	2.8	16.4
20.0	19.0	19.0	18.0	19.2	18.5	17.5	18.5	19.5	20.0	16	15.0	15	5.0	18.0
18.5	15.5	13.0	12.0	12.2	11.0	11.5	12.5	14.0	22.0	10	11.0	21	11.0	16.9
11.0	10.0	10.5	11.0	11.7	10.5	10.5	10.5	9.5	16.1	8	9.5	24	6.6	12.7
10.7	10.6	11.0	11.6	12.1	12.0	11.8	11.8	11.9	13.9		9.1		4.8	11.5

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	16	E	14	E	14	SE	9	SE	11	SE	5	SE	6	SE	6	SE	5	SE	16	10	21	E	16.08
NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE	-	NE		NE	-	NE	17	6	17	N	8.04
NW	17	NW	19	NW	16	N	12	N	11	N	10	N	13	N	9	N	7	N	11	15	27	N	7.28
NW	7	NW	4	N	9	S	14	S	15	S	12	SW	5	SW	10	S	18	NW	13	9	28	S	22.40
S	10	S	11	S	9	S	5	S	6	S	5	SE	9	SE	9	SE	7	S	17	12	25	S	13.28
SE	8	NE	11	NE	15	NE	10	NE	5	NE	5	NE	2	E	4	E	2	SE	9	6	16	NE	16.32
NE	10	NE	9	NE	10	NE	7	E	5	E	4	E	5	SE	4	E	8	NE	11	7	18	E	12.20
NE	16	NE	15	NE	12	NE	8	NE	7	NE	6	NE	8	NE	7	NE	6	NE	15	11	24	N	7.30
E	11	NE	11	E	5	NE	5	NE	4	E	4	E	5	E	7	NE	6	NE	11	7	16	E	15.12
E	14	E	10	E	10	E	8	SE	9	SE	8	SE	6	SE	5	SE	7	SE	13	8	18	NE E	13.50 15.30
E	12	E	15	E	14	E	10	E	10	E	7	E	7	NE	16	NE	19	E	12	12	25	NE	23.30
NE	14	E	10	E	11	E	7	E	8	SE	5	SE	6	E	9	NE	21	NE	17	14	27	NE	13.42
E	14	E	15	E	13	E	11	E	7	E	9	E	7	E	8	E	7	NE	15	14	26	NE	0.24
NE	16	E	14	E	12	E	12	E	12	E	12	E	9	NE	10	NE	18	NE	14	11	19	NE	14.52 23.22
NE	15	NE	14	E	10	E	6	SE	6	SE	4	SE	6	SE	6	NE	8	NE	18	12	22	NE	0.17 14.31
NE	13	NE	15	NE	13	E	9	E	9	E	8	NE	10	NE	15	NE	18	NE	21	14	20	NE	6.28
NE	28	NE	26	NE	17	NE	10	NE	11	NE	7	NE	14	NE	19	NE	17	NE	16	19	38	N	13.56
S	11	S	8	S	8	SE	8	SE	10	SE	11	SE	16	SE	11	SE	8	SE	9	11	32	SW S	5.24 6.04
NE	10	NE	11	E	9	E	5	E	6	E	4	SE	5	SE	3	SE	3	SE-E	11	9	24	E	12.36
S	12	SE	10	SE	9	SE	5	SE	3	SE	7	E	8	SE	4	SE	6	SE	8	10	30	SW	9.15
NE	14	NE	14	NE	11	E	9	E	8	E	8	E	7	E	5	E	6	E	10	9	19	E	10.15
N	15	NE	15	NE	17	NE	10	NE	9	E	9	SE	9	E	12	NE	24	NE	11	14	31	NE	23.56
S	15	S	13	SE	12	SE	7	SE	8	SE	5	SE	3	SE	3	SW	2	S	8	12	56	E	8.56
NE	13	NE	12	NE	13	E	9	E	6	E	7	E	7	E	8	E	7	NE	8	8	21	NE	12.52
NE	12	NE	11	E	8	E	5	E	6	SE	3	SE	7	E	8	NE	12	NE	12	11	24	NE	11.28 12.02
NE	10	E	7	E	7	E	5	E	7	E	5	E	6	E	7	E	5	E	14	8	14	E	12.26
N	12	NE	8	NE	7	NE	5	E	3	E	5	E	6	SE	4	SE	6	NE	16	11	22	NE	10.24
SE	5	NE	9	NE	12	NE	12	E	9	E	11	E	9	E	10	E	9	NE	9	8	14	NE	5.52 17.52
SW	18	SE	17	SE	20	SE	20	SE	24	SE	22	SE	15	SE	10	S	9	SE	7	12	32	SE	19.20
SE	13	SE	11	SE	7	SE	4	Calma	1	S	2	SE	6	SE	7	SE	8	SW	8	6	21	SE	15.48
NE		NE		NE		E		E		E		SE		SE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
13		15		11		12		13		13		12		12		11		NE	263	10	DIRECCIÓN	DÍA	HORA
	13		12		11		8		8		7		8		8		10				E	23	de 9.00 a 9.15

FRECUENCIAS. KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº. DE HORAS	
1					5	71	6	42										113
2			6	76	1	2	2	4									4	84
3	6	62													7	131		193
4	1	9							4	59	2	15	4	38	13	98		219
5							3	25	17	207	4	47						279
6			6	48	2	6	9	69	4	17	2	4					1	145
7			11	123	4	22	5	13							1	6	3	166
8	5	61	15	152	4	49												262
9	4	38	11	78	7	52	2	12										180
10					11	121	13	82										203
11			9	137	12	126	3	18										281
12			17	286	5	45	2	11										342
13			15	239	9	91												330
14			14	165	10	101												266
15			18	255	2	16	4	22										293
16			21	302	3	26												328
17	8	202	16	266														468
18			4	47	2	15	9	103	3	27	4	47	1	8	1	9		256
19			2	21	11	132	11	56										209
20	2	19	4	39	1	8	8	46	3	40	4	55			2	32		239
21			8	104	10	81	6	40										225
22	10	152	11	146	2	21	1	9										328
23	1	25			3	59	7	51	8	112	4	30			1	12		289
24			8	108	7	50	3	16	4	13	1	5					1	193
25			12	172	10	84	2	10										266
26			10	105	14	88												193
27	2	26	16	207	4	23	2	10										266
28	4	40	9	83	6	53	5	23										199
29	4	43	5	54	5	30	7	128	1	9	1	18			1	17		299
30			1	3			7	56	7	43	8	44					1	147
31																		
SUMAS	47	677	249	3216	150	1372	117	846	51	527	30	265	5	46	26	305	10	7261
% PREVAL POR VELOCIDAD	9.3		44.3		18.9		11.8		7.2		3.6		0.6		4.2		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		13		9		7		10		9		9		12		1	242

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	10	6	9	2			1	1
1 - 2		12	4	7	3	1		2	1
2 - 3		14	3	6	3	2		1	1
3 - 4	1	11	5	5	3			2	3
4 - 5	1	13	3	6	2	3	1	1	
5 - 6	3	11	4	4	3	3		1	1
6 - 7	4	9	5	5	2	2		1	2
7 - 8	5	10	4	4	2	2		3	
8 - 9	5	12	3	5	1	1		3	
9 - 10	5	12	5	3	1	2		2	
10 - 11	5	14	5	1	1	2		1	
11 - 12	4	15	4	2	1	2		1	
12 - 13	4	13	4	2	2	3		1	
13 - 14	4	12	5	2	3	2		2	
14 - 15	1	15	4	2	4	1		2	
15 - 16	2	13	5	3	4	1		2	
16 - 17		15	7	3	3			2	
17 - 18	1	11	11	4	2			1	
18 - 19	1	9	12	6	2				
19 - 20	1	6	13	7	2				1
20 - 21	1	4	13	9	3				
21 - 22	1	5	11	12		1			
22 - 23	1	6	10	12		1			
23 - 24	1	11	7	8	2	1			
SUMAS	52	263	153	127	51	30	5	29	10
% de frec. por dirección	7.2	36.5	21.2	17.6	7.1	4.3	0.7	4.0	1.4

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-10	Insolación	Transparencia	Observaciones
1	9	49.8	26.2	1.92	8	3	4	
	10	46.4	25.9	1.67	9	3	5	
	12	37.8	22.5	1.24	9	3	4	
	14	40.2	22.8	1.41	5	3	4	
	15	41.6	23.5	1.47	8	3	4	
2	9	45.8	22.7	1.88	1	5	5	
	10	46.7	23.7	1.87	1	5	5	
	12	47.9	25.8	1.80	0	5	5	
	14	48.5	26.7	1.77	0	5	5	
	15	47.2	26.2	1.71	0	5	5	
3	9	48.9	25.8	1.88	0	5	5	
	10	50.5	27.5	1.87	0	5	5	
	12	51.9	29.5	1.82	0	5	5	
	14	52.2	30.4	1.77	0	5	5	
	15	50.8	30.2	1.67	0	5	5	
4	9	50.0	28.3	1.76	1	5	5	
	10	51.8	30.0	1.77	0	5	5	
	12	54.0	32.5	1.75	0	5	5	
	14	54.0	32.6	1.74	1	5	5	
	15	51.5	32.0	1.58	1	5	5	
5	9	44.6	20.4	1.97	7	3	5	
	10	41.2	20.5	1.68	8	3	5	
	12	41.5	22.2	1.57	7	3	5	
	14	50.5	25.4	-	6	3	5	
	15	42.5	23.5	1.54	5	3	5	
6	9	42.7	19.2	1.83	1	5	5	
	10	44.1	20.5	1.92	1	5	5	
	12	46.0	22.6	1.90	0	5	5	
	14	46.6	24.0	1.84	1	5	5	
	15	44.4	23.4	1.71	1	5	5	
7	9	37.2	19.9	1.41	8	0	5	
	10	50.7	23.7	-	7	3	5	
	12	50.1	24.6	-	4	3	5	
	14	47.2	24.3	1.86	0	5	5	
	15	45.5	24.3	1.72	0	5	5	
8	9	47.4	24.8	1.84	0	5	5	
	10	49.0	26.4	1.84	0	5	5	
	12	51.2	28.5	1.84	0	5	5	
	14	50.5	28.6	1.78	0	5	5	
	15	49.0	28.4	1.67	0	5	5	
9	9	49.0	26.5	1.83	1	5	5	
	10	51.7	28.7	1.87	2	5	5	
	12	54.2	30.8	1.90	7	4	5	
	14	53.1	30.9	1.80	10	4	5	
	15	50.8	30.2	1.67	4	5	5	
10	9	48.2	27.0	1.72	10	4	5	
	10	50.2	28.0	1.80	10	4	5	
	12	51.8	30.0	1.77	10	4	5	
	14	50.1	29.5	1.67	10	4	4	
	15	46.8	28.5	1.49	10	4	4	
11	9	40.3	23.4	1.37	10	3	5	
	10	46.9	25.2	1.68	8	4	4	
	12	50.5	27.6	1.86	7	5	4	
	14	46.5	27.0	1.58	3	5	5	
	15	47.0	27.4	1.59	4	5	5	
12	9	47.4	26.2	1.72	8	3	5	
	10	50.6	27.4	1.89	7	3	5	
	12	53.6	29.6	-	6	3	5	
	14	49.9	29.5	1.66	2	3	5	
	15	50.0	29.5	1.67	1	5	5	
13	9	48.9	27.7	1.72	0	5	5	
	10	51.4	29.5	1.78	0	5	5	
	12	53.0	31.9	1.72	0	5	5	
	14	53.9	32.6	1.73	1	5	5	
	15	51.4	32.0	1.58	1	5	5	
14	9	50.7	30.2	1.67	3	3	4	B.
	10	54.0	32.0	1.79	1	5	4	B.
	12	55.5	33.6	1.78	2	5	4	B.
	14	54.0	33.7	1.65	1	5	4	
	15	51.1	32.9	1.48	1	5	4	B.
15	9	50.0	28.1	1.78	9	4	5	
	10	52.5	30.2	1.81	8	4	5	
	12	55.0	33.4	1.76	8	4	5	
	14	54.0	33.2	1.69	7	4	5	
	15	50.9	32.0	1.54	8	4	5	
16	9	50.9	29.0	1.78	10	4	5	
	10	50.1	30.5	1.59	10	4	5	
	12	52.0	33.0	1.54	9	1	5	
	14	54.6	34.4	1.64	1	5	5	
	15	53.2	33.0	1.64	0	5	5	
17	9	52.5	31.4	1.72	2	5	5	
	10	54.8	33.3	1.75	1	5	5	
	12	53.0	34.6	1.50	7	4	5	
	14	57.2	36.0	1.72	2	3	5	
	15	54.0	35.4	1.51	5	4	5	
18	9				10	0	4	LL.
	10				10	0	4	LL.,Ne.
	12	31.2	22.1	0.74	10	0	4	
	14	42.9	26.4	1.34	9	3	5	
	15	50.0	28.8	1.72	6	3	5	
19	9	46.0	24.3	1.76	0	5	5	
	10	48.9	26.1	1.85	0	5	5	
	12	49.1	26.5	1.84	2	5	5	
	14	50.0	27.2	1.85	2	5	5	
	15	48.0	27.1	1.70	6	5	5	
20	9				10	0	4	LL.
	10	43.3	26.5	1.36	9	1	4	
	12	52.7	31.1	1.76	0	5	5	
	14	50.7	31.0	1.60	0	5	5	
	15	50.7	30.1	1.67	0	5	5	
21	9	46.9	25.0	1.78	2	5	4	B.
	10	48.5	26.0	1.83	2	5	5	
	12	49.9	27.5	1.82	1	5	5	
	14	51.0	28.5	1.83	0	5	5	
	15	49.9	28.9	1.71	0	5	5	
22	9	52.3	31.4	1.70	0	5	5	
	10	54.3	33.0	1.73	0	5	5	
	12	57.9	36.0	1.78	4	3	5	
	14				2	5	5	
	15	54.4	35.8	1.53	3	5	5	
23	9	25.9	20.3	0.46	10	0	5	
	10				10	0	4	LL.
	12				10	0	4	LL.
	14				10	0	4	LL.,Z.
	15	42.0	27.0	1.22	8	3	5	
24	9	48.2	26.8	1.74	0	5	4	Ne.
	10	49.5	28.0	1.75	2	3	4	
	12	51.2	29.5	1.76	0	5	4	B.
	14	51.3	29.4	1.78	0	5	5	B.
	15	49.2	28.4	1.69	0	5	5	
25	9	48.5	26.5	1.79	1	5	5	
	10	49.9	27.5	1.82	1	5	5	
	12	51.7	29.5	1.80	1	3	5	
	14	52.4	30.1	1.81	5	3	5	
	15	47.5	29.4	1.47	3	3	5	
26	9	52.0	28.8	1.89	7	3	5	
	10	45.4	27.4	1.46	6	3	5	
	12	53.4	31.2	1.80	3	3	5	
	14	50.8	28.5	1.81	6	3	5	
	15	50.1	20.7	1.58	2	5	5	
27	9	35.2	35.0	0.83	10	0	5	
	10	40.5	25.9	1.10	10	0	5	
	12	40.4	27.6	1.04	10	0	5	
	14	50.5	32.0	1.50	9	3	5	
	15	49.0	32.0	1.38	8	3	5	
28	9	47.0	28.0	1.54	9	3	5	
	10	52.6	31.5	1.72	2	5	5	
	12	56.4	34.9	1.75	4	5	5	
	14	57.0	36.2	1.71	4	5	5	
	15	54.3	35.5	1.53	4	4	5	
29	9	55.2	34.7	1.67	10	4	5	
	10	53.2	35.2	1.46	10	1	5	
	12	59.2	38.4	1.69	9	3	5	
	14	58.9	39.7	1.56	7	5	5	
	15	48.1	36.1	0.98	9	3	5	
30	9	25.2	21.2	0.32	10	0	5	
	10	27.1	20.7	0.52	10	0	5	
	12	31.4	22.7	0.71	10	0	5	
	14	31.4	22.9	0.69	10	0	5	
	15	37.8	24.4	1.09	10	1	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			0.4	0.9	1.0	0.7	0.1	0.6	0.7	1.0	0.9	1.0	1.0		8.3	13.4	62
2		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.9	13.5	88
3		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.0	13.5	89
4		0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.8	13.5	80
5		0.7	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.8	13.6	87
6		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.9	13.6	88
7		0.8	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.9	13.6	88
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	13.7	89
9		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	13.7	88
10		0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5			9.4	13.7	68
11		0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.6	13.8	77
12		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2	13.8	88
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	0.2	11.8	13.8	86
14		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.0	13.8	87
15		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	11.6	13.9	83
16		0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.0	13.9	86
17		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	13.9	84
18						0.1	0.3	0.2	0.4	1.0	1.0	1.0	1.0	0.4	5.4	14.0	39
19		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.7	14.0	84
20		0.1	0.6	1.0	0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.4	14.0	74
21		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2	14.0	87
22		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.8	14.0	84
23									0.5	0.9	1.0	0.9	0.7		4.0	14.1	28
24		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	14.1	86
25	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		11.6	14.2	82
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	0.2	11.8	14.2	83
27		0.8	0.7	0.8	0.6	0.3	0.1	0.1	0.9	1.0	0.9	1.0	1.0	0.3	8.5	14.2	60
28					0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6			7.5	14.2	53
29		0.6	0.9	0.9	1.0	0.7	0.9	1.0	1.0	0.7					7.7	14.2	54
30											0.7	0.1			0.8	14.2	06
31																	
Medias	0.0	0.6	0.8	0.8	0.9	0.8	0.8	0.9	0.9	1.0	0.9	0.9	0.8	0.2	10.3	13.9	75

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h	8h	14h	20h
1	20.2	21.2	20.2	19.4	20.1	19.6	19.0	19.0	19.0	19.4	19.2	19.2	20.5	20.4	20.4
2	17.6	21.0	20.2	17.4	19.6	19.4	17.6	18.0	18.6	18.8	18.5	18.8	20.3	20.1	20.0
3	18.5	23.3	21.0	18.0	21.0	20.2	17.8	18.4	19.1	18.7	18.6	19.0	20.2	20.1	20.1
4	19.4	24.2	22.0	18.3	22.0	21.2	18.2	19.0	19.8	18.8	18.8	19.4	20.3	20.2	20.2
5	18.2	21.1	19.5	18.3	20.1	19.3	18.4	18.6	18.8	19.2	19.0	19.0	20.5	20.4	20.3
6	16.8	21.6	19.3	16.7	20.1	19.0	17.3	17.8	18.4	18.5	18.2	18.5	20.1	20.0	19.8
7	17.0	21.2	19.6	16.6	19.7	19.0	17.1	17.6	18.2	18.4	18.0	18.3	19.9	19.8	19.7
8	17.9	23.0	20.7	17.3	20.8	19.9	17.3	18.0	18.8	18.2	18.2	18.6	19.8	19.8	19.7
9	18.8	23.9	21.1	18.0	21.8	20.6	18.0	18.8	19.5	18.0	18.6	19.2	20.0	20.0	20.1
10	19.6	24.4	21.8	18.8	22.3	21.2	18.6	19.4	20.0	19.1	19.2	19.6	20.4	20.4	20.4
11	20.0	23.6	20.6	19.2	21.8	20.9	19.0	19.4	19.8	19.5	19.4	19.6	20.8	20.7	20.6
12	20.3	24.2	22.2	19.4	22.2	21.4	19.0	19.7	20.2	19.6	19.6	19.9	20.7	20.8	20.8
13	21.1	25.7	23.2	20.0	23.3	22.4	19.4	20.3	20.9	19.9	20.0	20.4	21.1	21.1	21.1
14	22.0	26.6	24.0	20.7	24.1	23.1	20.1	21.0	21.7	20.6	20.6	21.1	21.5	21.6	21.7
15	22.2	26.6	23.9	21.1	24.3	23.2	20.7	21.4	21.8	21.1	21.0	21.4	22.0	22.0	22.0
16	22.2	26.4	24.4	21.2	24.0	23.4	20.8	21.4	22.0	21.2	21.2	21.6	22.3	22.3	22.2
17	23.0	27.0	24.9	21.7	24.3	23.6	21.2	21.7	22.2	21.6	21.5	21.9	22.6	22.6	22.6
18	22.5	23.4	22.9	21.8	22.2	22.2	21.2	21.1	21.3	21.0	21.5	21.4	22.7	22.7	22.5
19	20.8	24.4	22.1	19.9	23.0	21.7	20.0	20.5	20.9	20.8	20.6	20.9	22.4	22.2	22.1
20	21.6	24.9	22.4	20.3	23.3	22.1	20.0	20.6	21.2	20.7	20.6	21.0	22.2	22.1	22.0
21	20.0	24.6	22.3	19.6	22.9	21 7	19.8	20.4	20.9	20.8	20.5	20.9	22.2	22.2	22.0
22	21.4	26.9	24.8	20.4	24.2	23.7	20.0	21.0	22.0	20.8	20.8	21.4	22.2	22.2	22.2
23	21.6	22.2	20.4	21.4	21.4	21.8	21.2	20.8	20.9	21.6	21.2	21.0	22.6	22.6	22.4
24	21.3	25.1	23.2	20.2	23.3	22.6	20.1	20.6	21.4	20.8	20.6	21.1	22.3	22.2	22.1
25	22.0	25.9	24.2	21.1	24.0	23.4	20.8	21.2	22.0	21.2	21.2	21.6	22.4	22.4	22.5
26	22.8	26.5	24.6	22.0	24.7	24.0	21.4	22.0	22.6	21.6	21.6	22.0	22.8	22.8	22.9
27	23.6	25.4	24.6	22.6	23.6	24.0	22.0	22.1	22.3	22.2	22.1	22.3	23.2	23.2	23.2
28	23.8	28.2	26.4	23.0	26.0	25.5	22.2	23.1	23.8	22.3	22.5	23.0	23.4	23.5	23.6
29	25.4	28.8	26.2	24.3	26.6	25.7	23.3	24.0	24.3	23.3	23.4	23.8	24.1	24.2	24.2
30	23.9	24.4	23.8	23.3	23.5	23.4	23.0	23.7	22.7	23.6	23.0	22.9	24.4	24.3	24.1
31															
Prom.	20.8	24.5	22.6	20.1	22.7	22.0	19.8	20.4	20.8	20.4	20.3	20.6	21.7	21.6	21.6

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	0.6	1.2	1.6	3.8							7710
2	0.0	0.0	0.0	0.0	0	1.0	2.3	1.8	4.7							7719
3					0	0.6	3.5	3.7	8.3	G.23	7.3	8.0	16.5			7699
4					2	1.1	3.3	2.8	7.0							7697
5	4.0	4.8	3.5	-	1	0.9	1.7	2.0	4.3							7739
6					0	0.6	1.6	1.5	3.4							7754
7					0	0.3	1.7	1.4	4.0							7752
8					0	0.9	2.6	2.4	5.9	G.24	6.5	8.0	16.5	16.6		7754
9					0	0.9	2.4	2.5	5.4							7767
10					0	0.5	1.9	1.6	4.1							7780
11					0	0.6	2.0	1.6	5.0							7787
12					0	1.4	2.7	2.0	6.3							7795
13					0	1.6	2.6	2.3	6.5	G.25	6.8	7.9	16.2			7790
14					0	1.6	2.9	2.8	7.7							7813
15					0	2.0	3.1	2.3	7.2							7824
16					0	1.8	3.1	3.0	9.6							7825
17					0	3.5	5.4	4.7	13.8							7825
18	0.0	1.5	0.0	0.0	2	3.7	0.4	1.8	3.0	G.26	10.4	7.7	16.8			7849
19	4.0	5.0	4.6	1.9	1	0.8	2.5	2.0	5.3							7869
20	0.0	0.0	0.0	0.0	0	0.8	2.9	2.3	6.6							7848
21					0	1.4	2.8	2.7	6.7							7896
22					0	1.2	3.0	2.8	7.5							7887
23	31.5	35.0	35.0	28.0	2	1.7	0.4	0.9	1.6	H.1	18.5	18.2	18.4			7879
24	2.6	6.1	6.4	3.5	2	0.3	2.0	1.6	4.4							7911
25					1	0.8	2.0	1.6	4.4							7919
26					0	0.8	1.8	1.6	4.3							7924
27					0	0.9	1.7	1.5	3.9							7921
28					0	0.7	1.7	1.5	4.1	H.2	11.3	11.0	18.4	9.9	13.8	7930
29					0	0.9	2.8	2.1	5.8							7928
30	-	14.0	13.2	10.0	2	0.9	0.6	1.2	2.6							7958
31																
Prom.	42.1	66.4	62.7	43.4	-	1.2	2.3	2.1	5.6	-	-	-	-	-	-	7825

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
20.5	20.5	20.3	18.3	18.3	18.3	16.7	16.8	11.4	Cn. m., Ca. t. y n., LL. t.
20.3	20.2	20.1	18.4	18.4	18.4	16.9	16.8	1.3	Ca. m. t. y n., r. n.
20.2	20.3	20.1	18.4	18.5	18.5	16.9	16.8	5.5	Ca. m. t. y n., r. m.
20.3	20.3	20.2	18.5	18.5	18.6	17.0	16.8	5.4	Ca. m. y t., Cn. n., r. m., LL. n.
20.5	20.5	20.4	18.6	18.6	18.6	17.0	16.9	5.3	Cn. m. y t., Ca. n., r. n.
20.2	20.2	19.9	18.5	18.7	18.7	17.1	16.9	0.4	Ca. m. t. y n., r. m. y n.
20.1	20.0	19.8	18.5	18.7	18.7	17.2	16.9	2.4	Cn. m., Ca. n., Ne. r. n.
20.0	20.1	19.9	18.5	18.6	18.7	17.3	16.9	6.1	Ca. m. t. y n., r. n.
20.2	20.3	20.2	18.7	18.7	18.7	17.3	17.0	5.6	Cn. m., Ca. t. y n., r. m. y n.
20.5	20.5	20.4	18.8	18.8	18.8	17.3	17.0	8.8	Cn. m. t. y n., r. m.
20.8	20.8	20.7	18.8	18.9	18.9	17.4	17.0	8.9	Cn. m., Ca. t. y n.
20.9	20.9	20.8	18.9	19.0	19.0	17.5	17.0	11.4	Cn. m., Ca. t. y n.
21.1	21.2	21.0	19.1	19.1	19.1	17.5	17.0	12.0	Ca. m. t. y n.
21.5	21.6	21.6	19.2	19.2	19.2	17.5	17.1	11.9	Ca. m. t. y n., B. t.
21.9	22.0	21.8	19.3	19.4	19.4	17.6	17.1	13.0	Cn. m. y t., Ca. n.
22.2	22.2	22.1	19.5	19.5	19.6	17.5	17.0	12.7	Cn. m., Ca. t. y n.
22.5	22.6	22.4	19.7	19.7	19.7	17.7	17.1	14.9	Cn. m., Ca. t. y n., B. t.
22.7	22.7	22.5	19.9	19.9	19.9	17.8	17.2	16.0	Cn. m. y t., Ca. n., LL. m.
22.4	22.2	22.0	20.0	20.0	20.0	17.9	17.2	5.9	Ca. m., Cn. t., Ca. n., LL. m.
22.2	22.2	22.0	20.1	20.1	20.1	18.0	17.4	10.9	Ca. m. t. y n.
22.2	22.3	22.0	20.2	20.2	20.2	18.0	17.3	4.5	Ca. m. t. y n., B. m. y t.
22.2	22.3	22.2	20.2	20.2	20.2	18.0	17.3	10.4	Ca. m., Cn. t. y n., B. n., R. n.
22.6	22.6	22.5	20.5	20.4	20.5	18.1	17.4	16.7	Cn. m. y t., Ca. n., LL. m. y t., Z. t.
22.3	22.2	22.2	20.4	20.4	20.4	18.2	17.4	9.4	Ca. m. t. y n., r. n.
22.4	22.4	22.4	20.4	20.4	20.4	18.3	17.4	12.3	Ca. m., Cn. t. y n., r. m., B. n.
22.8	22.8	22.8	20.5	20.5	20.5	18.3	17.4	14.0	Cn. m. y t., Ca. n.
23.2	23.3	23.2	20.6	20.6	20.6	18.4	17.5	17.4	Cn. m. t. y n.
23.4	23.5	23.5	20.7	20.8	20.8	18.4	17.5	17.9	Cn. m. t. y n., r. m.
24.0	24.1	24.0	21.0	21.1	21.0	18.5	17.5	19.5	Cn. m. t. y n.
24.4	24.4	24.2	21.0	21.2	21.2	18.5	17.5	17.7	Cn. m. t. y n.
21.7	21.7	21.6	19.5	19.6	19.6	17.7	17.1	10.3	

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	61.8	66.5	2	7	53.7	4	17	16.5	23.2	9.1	28.6	4	15	3.9	7	5	11.2	13.6	83
2ª	58.8	64.1	11	8	50.2	17	20	21.1	27.0	15.1	31.3	17	13-14	11.0	19	5	10.9	13.9	79
3ª	55.4	63.6	30	24	49.1	29	15	21.8	27.4	16.2	34.1	29	15	10.6	21	5	8.8	14.1	62
MES	59.0	66.5	2	7	49.1	29	15	19.8	25.9	13.5	34.1	29	15	3.9	7	5	10.3	13.9	75

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	68	100	2,7	23	9	8.9	13.5	5.2	NE	9	21	8	24	8	8	28	S	4	22.40	4.8	4.8	5	-	-	-
2ª	65	97	11	25	20	11.3	15.5	5.4	NE	13	28	8,11, 15	32	17	8	38	N	17	13.56	6.5	5.0	19	3.5	18	10-11
3ª	75	99	24	24	21	14.2	22.0	5.2	NE	10	28	23	44	23	9	56	E	23	8.56	45.1	35.0	23	10.0	23	6-7
MES	69	100	2,7	23	9	11.5	22.0	5.2	NE	10	28	8,11 15,23	44	23	9	56	E	23	8.56	56.4	35.0	23	10.0	23	6-7

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

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

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. II DICIEMBRE 1947 Nº. 12

RESUMEN MENSUAL

En el primer día del mes gravita sobre la provincia de Buenos Aires el centro de un anticiclón que produce la alza máxima mensual barométrica. El desplazamiento de esta zona de alta presión hacia el Este da lugar a una corriente del Norte la que provoca un fuerte ascenso en la temperatura y en la humedad. El 5 en efecto, se registra ya la máxima mensual de la temperatura con 33.7°C. El buen tiempo que reinaba en los primeros días de esta década se mantiene perturbado hasta el 9, anotándose en este período la casi totalidad de la lluvia del mes. En estos mismos días la columna barométrica baja al nivel mínimo del año. El 10 un fuerte empuje de aire fresco origina el descenso de la temperatura en unos 8.0°C.

En la segunda década dos frentes más de aire fresco (el 14 y el 16) mantienen la temperatura bajo la normal, con una desviación negativa de hasta 9.0°C el 16. Este día la columna termométrica apenas si llega a los 20.0°C, marcando 4.0°C el 17. También la humedad absoluta y relativa registran los mínimos mensuales. A este tiempo variable siguen hasta el fin de la década días de cielo completamente despejado.

Al iniciarse el postrer decenio del año un nuevo frente de aire fresco cruza la provincia de Buenos Aires. Sin embargo, se mantiene el buen tiempo, pese a los Cirrus que empañan el cielo. La temperatura asciende muy lentamente sobrepasando los 30.0°C el 29 y el 30. El último empuje de aire frío coincide con el último día del año. Lluvias intermitentes caen durante todo el día, único completamente cubierto del mes.

La actividad ciclónica del mes y en consecuencia los frecuentes pasajes de frentes fríos resultan ser la causante de que el promedio mensual de la presión fuera 1.5 mb y el de la temperatura 1.0°C inferiores a la normal y al valor medio 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	75	62	64	68	58	71	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞
2	28	24	15	29	26	16	27	32	+∞	+∞	-	-	-	-	+∞
3	24	50	37	41	55	53	20	36	74	78	70	87	85	80	85
4	84	75	42	62	55	41	29	37	48	64	65	79	73	62	59
5	-	-	-	-	-	-	41	41	62	52	43	53	45	38	-∞
6	51	38	29	35	37	47	58	+∞	+∞	+∞	+∞	+∞	+∞	+∞	+∞
7	±∞	42	52	38	40	86	70	58	96	-	-	-	-	-	58
8	32	30	34	±∞	±∞	±∞	-	-	-	-	-	-	-	-	100
9	46	40	46	60	66	66	+∞	+∞	140	46	20	10	- 2	- 2	12
10	-	-	-	-	-	-	-218	-221	-153	- 2	40	36	38	32	10
11	52	52	52	48	58	56	88	122	149	108	106	108	96	64	-16
12	56	60	72	100	80	96	82	38	- 4	-40	-30	0	- 6	-10	-10
13	155	102	96	92	140	130	112	- 4	-50	34	-64	-48	-50	26	26
14	-	-	-	-	-	-	-	-	190	+∞	- 8	16	106	66	56
15	36	38	46	54	56	80	90	62	-	-	-	142	138	100	82
16	14	28	36	38	36	44	46	-40	-155	-175	-186	-159	-147	-92	-56
17	32	38	44	44	44	60	82	72	0	26	4	20	22	24	8
18	56	50	-20	18	6	16	48	70	-10	-96	-108	-30	- 4	- 4	-18
19	38	42	44	38	38	48	42	-18	-82	-92	-54	- 8	12	8	20
20	42	48	48	48	46	52	-	-	-	-	-	20	0	78	-18
21	32	32	24	12	- 2	- 8	- 6	-72	-90	-52	-24	-46	- 6	8	12
22	46	32	26	22	14	14	12	14	-78	-114	-84	-100	-42	-56	-34
23	60	68	66	66	60	84	124	130	134	112	104	124	40	-20	-18
24	80	80	48	44	32	30	30	40	46	36	2	22	52	74	112
25	40	52	44	34	38	46	-20	-78	18	84	60	54	62	48	56
26	42	28	32	20	2	32	-30	-40	28	64	68	58	40	52	24
27	36	34	36	32	16	24	40	52	60	72	60	76	60	12	-32
28	60	36	-	30	40	52	42	32	-14	-38	-94	-88	-214	-134	-92
29	80	86	76	52	14	4	-36	-54	-17	20	60	70	56	32	28
30	38	12	8	-14	- 8	-12	-42	-56	-104	-98	-100	-96	-88	-36	8
31	36	28	8	26	32	18	±∞	±∞	±∞	±∞	±∞	±∞	±∞	±∞	±∞
Prom.	57.3	61.3	48.0	42.0	42.7	44.0	32.7	28.0	71.0	76.0	56.0	61.3	70.0	62.0	50.7

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	2.36	3.26	5.62	0.70	2.83	4.33	7.16	0.65	0.30	0.38	0.68	0.79	0.34	0.47	0.81	0.72
2	4.43	4.38	8.81	1.02	12.12	11.59	23.71	1.04	0.62	0.62	1.24	1.00	1.84	1.74	3.58	1.06
3	9.10	13.36	22.47	0.68	-	-	-	-	1.33	1.27	2.60	1.05	1.33	2.06	3.39	0.64
4	10.38	11.44	21.82	0.91	9.39	10.72	20.12	0.87	0.90	1.62	2.52	0.56	1.52	1.56	3.08	0.97
5	9.63	10.25	19.88	0.93	12.37	14.65	27.01	0.84	1.48	1.50	2.98	0.99	-	-	-	-
6	1.87	2.56	4.43	0.74	1.84	3.27	5.11	0.57	0.30	0.36	0.66	0.83	0.30	0.36	0.66	0.83
7	-	-	-	-	11.51	11.82	23.32	0.97	3.00	2.49	5.49	1.20	1.72	1.55	3.27	1.10
8	10.82	16.79	27.61	0.64	11.08	17.59	28.67	0.63	1.01	0.82	1.83	1.23	1.31	1.55	2.86	0.84
9	7.24	6.10	13.45	1.16	7.11	8.35	15.46	0.85	1.03	1.44	2.47	0.72	1.01	1.21	2.22	0.83
10	4.95	7.18	12.13	0.69	-	-	-	-	0.89	0.76	1.65	1.17	0.94	1.08	2.02	0.87
11	6.45	5.66	12.11	1.15	9.82	9.68	19.50	1.02	0.81	0.83	1.64	0.98	1.07	1.34	2.41	0.80
12	8.39	7.36	15.75	1.15	6.22	7.34	13.57	0.86	1.03	1.36	2.39	0.76	0.73	1.04	1.77	0.70
13	3.96	3.96	7.91	1.00	5.25	6.64	11.88	0.78	0.66	0.63	1.29	1.05	0.76	0.83	1.59	0.92
14	5.87	6.26	12.13	0.94	6.94	6.63	13.56	1.04	0.88	0.82	1.70	1.07	0.78	0.86	1.64	0.91
15	4.76	4.60	9.36	1.03	3.85	3.85	7.70	1.00	0.52	0.60	1.12	0.87	0.40	0.42	0.82	0.95
16	7.80	7.90	15.69	0.99	10.67	9.16	19.83	1.16	0.66	0.60	1.26	1.10	1.14	1.21	2.35	0.94
17	5.14	6.06	11.20	0.84	9.76	9.16	18.92	1.07	1.06	1.16	2.22	0.91	0.73	1.16	1.89	0.63
18	-	-	-	-	8.39	8.86	17.25	0.96	1.26	1.55	2.81	0.81	1.14	1.27	2.41	0.90
19	10.18	11.14	21.32	0.92	12.62	10.52	23.14	1.19	1.22	1.52	2.74	0.80	1.62	1.47	3.09	1.10
20	11.02	13.03	24.05	0.85	11.36	12.10	23.46	0.94	1.54	1.50	3.04	1.03	1.48	1.66	3.14	0.89
21	7.16	9.38	16.54	0.77	7.05	7.37	14.42	0.96	1.08	1.29	2.37	0.84	1.28	1.45	2.73	0.88
22	7.42	9.01	16.43	0.82	8.02	9.43	17.44	0.86	0.97	1.03	2.00	0.94	0.96	1.18	2.14	0.81
23	2.39	3.28	5.57	0.73	4.62	4.88	9.50	0.95	0.34	0.41	0.75	0.83	0.57	0.58	1.15	0.98
24	5.37	6.07	11.43	0.88	5.19	5.75	10.94	0.90	0.72	0.84	1.56	0.86	0.81	0.72	1.53	1.12
25	9.54	11.03	20.57	0.86	12.06	13.51	25.57	0.89	1.43	1.62	3.05	0.88	1.84	2.13	3.97	0.86
26	6.80	8.11	14.91	0.83	6.28	5.05	11.33	1.25	1.02	1.22	2.24	0.84	0.87	0.71	1.58	1.22
27	4.54	3.93	8.47	1.17	3.32	4.10	7.42	0.81	0.63	0.59	1.22	1.07	0.40	0.42	0.82	0.95
28	4.31	3.95	8.26	1.10	3.82	4.72	8.54	0.79	0.61	0.64	1.25	0.95	0.44	0.59	1.03	0.74
29	9.48	10.42	19.89	0.90	12.27	13.18	25.45	0.92	1.26	1.49	2.75	0.84	1.89	1.83	3.72	1.03
30	9.02	8.68	17.70	1.03	12.04	12.72	24.75	0.95	1.24	1.29	2.53	0.96	1.84	1.75	3.59	1.05
31	15.25	7.75	23.00	1.97	—	-	-	-	1.74	1.08	2.82	1.61	0.52	0.57	1.09	0.91
Prom.	7.09	7.69	14.78	0.94	8.14	8.82	16.95	0.92	1.02	1.08	2.09	0.95	1.05	1.16	2.21	0.90

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
82	62	26	34	67	63	14	30	34		∞	-46	-	1*
+∞	77	76	72	89	+∞	30	46	31		∞	0	-	0*
79	79	71	82	70	76	+∞	+∞	+∞		∞	0	-	0*
59	49	53	49	47	67	-	-	-		∞	-92	-	3*
-	-	-	±∞	±∞	±∞	43	57	14		∞	-∞	-	3*
+∞	+∞	129	144	112	78	86	86	68		∞	-∞	-	1*
52	44	44	50	46	40	30	34	34		∞	-∞	-	3*
-80	68	48	38	36	36	40	56	54		∞	-∞	-	3*
20	30	36	40	60	96	60	76	-14		∞	-∞	-	2*
-24	-24	26	58	60	56	66	58	60		∞	-∞	-	3*
-16	-34	8	36	42	44	54	64	62	58.4	167	-171	338	2
- 8	4	32	70	84	90	60	82	102		179	-100	279	2*
46	46	30	24	36	50	-∞	-	-		∞	-∞	-	3*
40	14	18	16	22	48	42	38	34		∞	-∞	-	3*
104	102	92	28	38	38	80	-92	4		198	-∞	-	1*
-126	-62	-18	2	40	46	40	44	42		76	-∞	-	2
6	4	34	38	46	46	58	88	60		155	-219	374	2
-82	-16	26	60	60	36	36	64	60		167	-∞	-	2
0	-24	10	24	42	42	44	48	56		102	-∞	1	2
-36	12	10	42	92	78	94	50	38		182	-186	368	3*
10	26	24	34	36	40	28	40	26		88	-167	255	2
-28	-40	- 2	- 6	-66	-22	42	38	48		68	-∞	-	2
-120	-28	-20	4	18	23	37	58	56		182	-225	407	2
74	94	62	28	24	34	40	60	56	50.0	151	-68	219	2
56	54	42	52	60	48	42	52	58	41.8	132	-142	274	1
32	40	92	+∞	26	80	66	72	56		∞	-102	-	2
-42	- 8	-10	-24	124	26	48	56	56		∞	-144	-	2
-46	-68	-32	-12	8	12	24	60	64		78	-∞	-	2*
16	8	18	40	60	56	54	62	50		128	-∞	-	2
10	10	20	36	46	44	34	48	42		130	-∞	-	2
±∞	±∞	±∞	±∞	±∞	- 4	16	12	14		∞	∞	-	3*
38.0	38.0	37.3	38.7	42.0	42.0	45.3	58.7	58.7	50.1				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
+∞	+∞	11	-	0.30	-	-	-	-	-	-
-	-	74	-	8.83	-	-	-	-	-	-
70	87	69	7.54	7.80	-	-	-	-	-	-
67	74	44	6.22	4.52	-	-	-	-	-	-
52	60	-	5.96	-	-	-	-	-	-	-
-	-	134	-	2.95	-	-	-	-	-	-
-	-	46	-	5.01	-	-	-	-	-	-
Ru	Ru	46	-	4.38	-	-	-	-	-	-
14	8	38	0.66	2.81	-	-	-	-	-	-
44	48	- 2	2.64	-0.13	-	-	-	-	-	-
104	110	- 2	6.01	-0.16	-	-	-	-	-	-
-18	4	24	0.32	1.42	-	-	-	-	-	-
82	-88	38	-3.78	2.01	-	-	-	-	-	-
-36	60	20	3.40	1.09	-	-	-	-	-	-
-	-	108	-	2.95	-	-	-	-	-	-
-190	-169	-30	-7.10	-2.35	-	-	-	-	-	-
0	-24	24	-1.78	1.51	-	-	-	-	-	-
-88	-44	16	-4.12	1.28	-	-	-	-	-	-
-46	0	4	-	0.41	-	-	-	-	-	-
-	-	- 4	-	-0.42	-	-	-	-	-	-
-10	-52	22	-4.11	2.00	-	-	-	-	-	-
-116	-94	- 8	-6.27	-0.57	-	-	-	-	-	-
80	96	-38	2.40	-1.46	-	-	-	-	-	-
2	8	60	0.42	3.06	-	-	-	-	-	-
50	56	44	5.69	5.82	-	-	-	-	-	-
60	66	38	4.93	2.00	-	-	-	-	-	-
54	84	-10	3.42	-0.27	-	-	-	-	-	-
-80	-66	-32	-2.75	-1.10	-	-	-	-	-	-
42	74	20	6.78	2.48	-	-	-	-	-	-
-96	-88	10	-7.42	1.20	-	-	-	-	-	-
-∞	-∞	±∞	-	-	-	-	-	-	-	-
2	9	26	0.87	1.98	-	-	-	-	-	-

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	63.8	63.6	64.1	64.3	64.5	65.1	65.3	65.6	65.4	65.4	65.4	65.3	65.2	64.6	64.3
2	64.9	64.8	64.3	64.3	64.3	64.8	64.9	64.9	64.2	64.0	63.9	63.2	62.8	62.1	61.7
3	60.5	59.9	59.9	59.9	59.9	60.5	60.6	60.6	60.3	60.0	59.7	58.9	58.2	58.2	56.7
4	56.4	56.1	56.1	56.1	55.9	55.9	56.3	56.4	56.4	55.7	55.5	54.9	54.6	53.7	53.1
5	53.0	53.0	53.2	53.2	53.8	54.0	54.1	54.1	54.0	53.7	53.1	52.9	52.6	51.5	51.9
6	57.0	57.1	57.1	57.7	58.4	58.9	59.6	59.8	59.7	59.6	59.7	59.6	58.9	58.8	58.3
7	55.4	55.3	54.8	54.8	54.6	54.7	54.6	54.4	54.6	53.9	53.6	52.7	51.8	51.0	50.0
8	46.8	46.5	45.5	44.7	43.8	47.5	48.2	47.8	46.1	43.3	45.4	45.5	45.1	45.3	45.4
9	46.4	46.2	46.4	46.5	47.4	48.2	48.1	48.1	48.2	48.0	47.5	47.3	46.9	46.2	45.3
10	46.6	46.5	46.0	46.5	47.5	48.5	49.3	50.4	50.6	50.6	51.1	51.0	50.9	50.8	50.9
11	55.2	55.2	55.8	56.0	56.0	56.8	56.9	57.0	56.8	56.5	55.9	55.4	54.1	53.3	52.5
12	51.0	50.9	51.0	50.9	51.0	51.1	51.2	51.0	51.0	50.9	50.8	50.4	49.9	49.5	48.9
13	48.5	48.4	48.5	48.6	48.7	48.8	48.9	48.9	48.8	48.5	48.3	47.8	47.2	46.8	46.1
14	52.7	53.7	54.9	53.4	55.0	55.5	56.8	57.0	57.0	56.9	55.9	56.0	56.1	56.0	55.8
15	56.8	56.8	56.7	56.6	56.5	55.9	55.7	55.6	54.9	54.7	54.1	53.9	53.3	53.3	52.9
16	55.1	55.0	54.9	54.9	55.1	55.4	56.3	56.4	56.3	56.6	56.5	56.4	56.4	56.2	55.8
17	59.6	59.7	59.8	59.8	60.0	60.5	60.7	61.0	61.4	61.4	61.0	60.8	60.6	60.4	60.2
18	61.3	61.2	61.3	61.3	61.4	61.6	62.1	62.2	61.7	61.5	61.3	60.6	60.4	59.6	59.2
19	59.0	58.8	58.8	58.9	59.0	59.7	60.0	60.0	59.9	59.5	58.8	58.6	57.7	57.4	56.6
20	56.5	56.4	56.3	56.6	56.7	57.4	57.8	57.8	57.7	57.1	56.8	56.7	55.9	55.2	54.9
21	53.8	53.8	53.8	54.1	54.4	54.8	55.4	55.4	55.4	55.0	54.8	54.7	54.2	54.0	53.8
22	54.3	54.1	54.3	54.8	55.3	55.9	56.0	56.2	56.2	56.3	56.4	56.7	56.9	57.1	56.9
23	59.4	59.4	59.4	59.6	60.4	60.8	61.3	61.6	61.6	61.2	60.7	60.5	60.2	59.8	59.2
24	60.0	59.4	59.4	60.4	60.4	60.5	60.6	60.8	60.7	60.5	59.7	59.3	59.0	58.2	57.5
25	56.6	56.5	56.7	57.1	57.4	57.7	57.8	58.2	57.5	57.3	57.2	56.5	56.3	56.0	55.4
26	55.7	55.7	55.3	55.8	55.8	56.3	56.9	57.1	57.0	56.8	56.7	56.1	55.8	55.6	54.9
27	54.8	54.6	54.8	54.8	55.8	56.1	54.6	56.3	55.9	55.4	55.3	55.1	54.9	54.2	54.0
28	55.2	55.4	55.4	56.1	56.3	57.1	57.3	57.4	57.6	57.3	57.0	56.7	56.6	56.4	56.1
29	56.9	56.7	56.3	56.5	57.0	56.9	57.0	57.0	56.8	56.6	56.1	55.7	54.9	54.6	53.9
30	53.5	53.1	52.8	52.8	53.7	53.8	54.2	53.9	53.7	53.1	53.1	53.0	52.4	52.1	52.0
31	52.0	51.9	51.9	52.0	52.5	53.7	56.1	56.0	55.8	56.2	53.8	54.9	55.0	54.6	53.9
Prom	55.4	55.3	55.3	55.4	55.8	56.3	56.6	56.7	56.6	56.2	56.0	55.7	55.3	54.9	54.5

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	14.4	12.6	11.6	10.8	10.1	11.1	13.9	16.0	17.1	18.2	19.6	20.0	20.9	21.8	22.4
2	12.8	12.1	12.0	11.3	10.6	11.6	14.8	16.4	18.9	19.8	20.9	22.0	22.9	23.7	23.6
3	13.1	14.2	14.1	13.6	14.6	15.6	18.0	20.7	22.8	24.5	25.0	25.7	26.1	26.6	26.5
4	16.3	15.2	17.0	17.5	17.1	17.1	19.4	22.4	23.9	25.3	26.9	27.7	28.1	28.8	29.0
5	20.7	20.5	18.7	18.5	17.7	20.3	22.9	25.8	28.5	30.4	31.7	32.4	33.3	33.5	26.2
6	16.3	14.9	14.4	13.6	12.8	14.5	16.8	19.7	21.5	22.7	22.9	23.5	23.4	23.4	23.4
7	19.4	19.3	19.2	19.2	19.0	19.5	20.6	21.0	20.6	19.6	19.8	22.9	24.1	26.6	27.1
8	23.2	23.3	22.6	22.7	23.6	19.5	19.6	19.0	19.0	20.0	20.8	21.3	22.9	22.6	22.9
9	17.9	17.0	15.9	15.5	15.2	15.7	19.6	23.1	25.4	25.7	26.4	26.7	27.0	27.2	27.5
10	15.8	15.1	15.2	14.9	14.7	14.7	14.8	15.3	14.7	15.9	16.8	18.4	18.9	19.0	19.2
11	9.2	9.0	8.1	6.3	6.4	8.0	12.5	15.0	17.8	18.9	19.7	20.7	21.9	23.0	24.6
12	15.9	16.2	15.4	15.2	14.7	15.7	18.6	22.2	24.5	26.7	28.1	29.6	30.5	31.5	31.1
13	19.9	19.0	18.8	18.8	18.7	19.6	21.8	24.4	26.0	27.5	28.9	30.3	30.9	31.1	29.3
14	13.5	13.5	13.2	12.7	12.8	12.9	13.1	13.4	14.6	16.9	17.5	19.5	20.4	20.8	20.8
15	12.9	12.2	11.5	11.1	10.3	12.3	14.3	16.0	17.1	18.0	19.2	10.2	20.5	20.2	20.4
16	13.3	12.4	11.5	10.5	9.6	9.5	10.7	13.0	14.0	15.6	16.6	17.7	18.6	18.4	19.1
17	6.1	6.0	6.0	5.4	5.3	7.2	10.4	13.5	15.5	16.5	18.0	18.9	20.0	21.2	21.0
18	9.4	9.4	9.7	9.3	8.4	10.6	16.0	19.6	21.8	23.5	24.7	25.6	27.1	27.2	26.5
19	14.0	13.1	12.7	12.4	11.6	13.5	17.8	21.0	22.9	24.4	25.7	26.2	27.0	27.6	27.5
20	16.4	15.3	14.7	13.5	13.6	14.9	18.6	22.8	24.3	26.2	27.3	28.1	29.1	29.3	29.9
21	20.2	19.4	19.4	18.6	18.5	19.8	22.6	25.0	26.9	29.0	30.2	31.0	31.6	32.2	32.1
22	21.5	21.8	20.9	19.3	18.5	18.9	20.8	25.0	25.8	27.0	27.8	28.1	29.1	28.4	28.9
23	13.1	11.9	11.2	10.5	9.7	10.5	13.4	15.6	17.5	19.8	21.4	22.5	24.3	24.0	23.2
24	14.3	13.4	13.3	14.2	13.6	13.4	16.6	18.8	19.8	19.6	20.8	22.6	23.7	24.6	24.9
25	17.7	16.7	15.7	14.9	14.0	14.9	16.1	20.2	21.7	24.3	25.0	26.4	26.9	27.0	26.7
26	18.6	18.5	18.5	17.6	16.8	16.9	19.0	22.6	24.6	26.8	28.3	29.9	29.9	30.7	30.7
27	21.5	20.8	20.1	19.2	18.0	18.6	20.0	21.6	22.0	22.6	23.7	24.5	24.4	24.4	23.6
28	18.7	18.0	17.4	17.0	16.7	17.6	20.6	23.4	23.9	25.3	26.5	27.3	27.2	27.0	26.3
29	17.5	16.6	15.4	14.2	14.8	17.3	19.7	21.4	23.5	25.5	27.0	28.3	29.9	30.0	29.9
30	21.5	19.7	19.2	19.2	19.2	18.8	21.7	24.6	25.8	28.4	29.7	30.6	31.9	31.6	31.8
31	21.6	20.8	20.6	20.6	20.1	20.5	19.8	20.7	20.4	21.7	22.1	21.4	21.1	21.3	22.1
Prom	16.3	15.7	15.3	14.8	14.4	15.2	17.6	20.0	21.4	22.8	23.8	24.8	25.6	26.0	25.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
64.1	64.0	64.1	64.1	64.3	64.8	64.8	64.9	64.9	65.6	8	63.6	2	2.0	764.7 mm.	1019.6 mb.
60.9	60.7	60.2	60.1	60.5	60.8	60.9	60.9	60.7	64.9	1,7-8	60.1	19	4.8	62.7	1016.9
56.6	56.0	56.0	56.2	56.6	56.9	57.2	57.1	56.3	60.6	7-8	56.0	17-18	4.6	58.4	1011.2
52.9	52.8	53.0	53.0	53.2	53.3	53.8	53.9	53.7	56.4	1,8-9	52.8	17	3.6	54.7	1006.2
53.7	53.9	53.8	55.9	55.2	55.7	56.3	56.9	57.0	57.0	24	51.5	14	5.5	54.0	1005.3
57.7	57.4	56.8	56.3	56.4	56.4	56.4	56.5	55.7	59.8	8	55.7	24	4.1	57.9	1010.5
49.9	49.2	49.2	49.1	48.8	48.8	48.7	48.5	47.7	55.4	1	47.7	24	7.7	51.9	1002.5
43.8	44.3	44.6	45.4	.0	46.3	46.3	46.7	46.4	48.2	7	43.3	10	4.9	45.7	994.2
45.3	44.9	44.7	44.4	44.3	43.7	43.5	42.4	44.4	48.2	6,9	42.4	23	5.8	46.0	994.6
51.0	51.2	51.9	52.9	53.4	53.9	54.4	54.7	54.9	54.9	24	46.0	3	8.9	50.6	1000.8
51.6	50.9	50.9	51.0	51.7	51.8	51.8	51.8	51.8	57.0	8	50.9	17-18	6.1	54.0	1005.3
48.9	48.9	49.0	48.9	49.1	49.2	49.3	49.2	49.2	51.2	7	48.9	15-17,19	2.3	50.0	1000.0
46.1	46.2	46.4	47.0	47.6	48.7	50.4	51.6	52.2	52.2	24	46.1	15-16	6.1	48.3	997.7
55.6	55.7	55.8	55.9	56.2	56.9	56.9	56.9	56.8	57.0	8-9	52.7	1	4.3	55.8	1007.7
52.3	52.5	52.9	53.1	53.0	53.7	54.1	55.1	55.1	56.8	1-2	52.3	16	4.5	54.6	1006.1
56.1	56.3	56.5	57.0	57.5	57.8	58.7	58.7	58.9	58.9	24	54.9	3-4	4.0	56.4	1008.5
59.6	59.6	60.1	60.3	61.0	61.2	61.3	61.3	61.4	61.3	9-10,24	59.6	1,16-17	1.8	60.5	1014.0
58.7	58.6	58.6	58.6	58.8	59.6	59.7	59.7	59.5	62.2	8	58.6	17-19	3.6	60.4	1013.8
56.5	56.3	56.2	56.2	56.2	56.4	56.5	56.5	56.5	60.0	7-8	56.2	18-20	3.8	57.9	1010.5
54.0	53.8	53.8	53.7	53.7	53.8	54.0	54.2	53.9	57.8	7-8	53.7	19-20	4.1	55.6	1007.4
53.3	53.1	53.0	53.7	54.0	54.1	54.0	53.7	53.6	55.4	7-9	53.0	18	2.4	54.2	1005.6
56.7	56.5	56.5	56.7	57.4	58.2	59.0	59.3	59.4	59.4	24	54.1	2	5.3	56.6	1008.8
59.2	59.0	58.8	58.8	58.9	59.2	59.6	59.7	60.1	61.6	8-9	58.8	18-19	2.8	59.9	1013.2
57.1	56.6	56.6	56.5	56.6	56.9	57.3	57.3	57.0	60.8	8	56.5	19	4.3	58.7	1011.6
55.2	54.6	54.6	54.8	55.6	55.9	56.4	56.4	55.8	58.2	8	54.6	17-18	3.6	56.4	1008.5
54.7	54.7	54.7	54.7	54.9	55.0	55.6	55.1	54.8	57.1	8	54.7	16-19	2.4	55.6	1007.4
53.9	53.6	53.7	54.0	54.0	54.9	55.0	55.2	55.2	56.3	8	53.6	17	2.7	54.8	1006.4
55.8	55.9	56.0	56.3	56.4	57.0	57.1	57.1	57.0	57.6	9	55.2	1	2.4	56.5	1008.6
53.6	53.5	53.4	53.4	53.6	53.6	53.6	53.7	53.6	57.0	5,7-8	53.4	18-19	3.6	55.2	1006.9
51.4	51.1	51.0	51.0	51.0	51.5	52.0	52.1	52.0	54.2	7	51.0	18-20	3.2	52.5	1003.3
52.9	52.8	53.5	53.7	53.6	54.6	55.6	55.7	55.6	56.2	10	51.9	2-3	4.3	54.1	1005.4
54.2	54.0	54.1	54.3	54.5	54.9	55.2	55.2	55.2	57.4		53.2		4.2	55.3	1007.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
22.1	21.8	20.4	17.6	16.0	15.1	13.7	13.1	12.8	22.4	15	10.1	5	12.3	16.4
23.2	22.9	20.9	19.2	18.2	16.3	15.2	13.7	13.8	23.7	14	10.6	5	13.1	17.4
26.4	25.8	24.7	22.9	20.1	19.9	19.0	17.2	17.1	26.6	14	13.1	1	13.5	20.6
28.8	28.3	27.3	24.9	23.5	21.8	21.5	20.7	20.7	29.0	15	15.2	2	13.8	22.9
21.5	21.3	21.4	20.7	19.4	19.4	19.3	19.4	17.8	33.5	14	17.7	5	15.8	23.4
23.3	22.2	21.3	19.9	18.3	18.1	18.1	18.1	19.3	23.5	12	12.8	5	10.7	19.3
26.8	26.3	25.3	24.2	23.0	22.3	21.6	22.3	22.3	27.1	15	19.0	5	8.1	22.2
23.5	23.9	23.0	21.9	20.4	20.0	18.9	18.7	18.8	23.9	17	18.7	23	5.2	21.3
27.1	26.9	26.4	23.4	20.8	19.8	19.6	19.5	18.8	27.5	15	15.2	5	12.3	22.0
19.2	18.2	16.7	14.9	13.2	11.3	10.3	9.6	8.5	19.2	15-16	8.5	24	10.7	15.2
24.3	24.3	23.2	20.2	18.0	16.0	15.7	15.9	15.6	24.6	15	6.3	4	18.3	16.4
30.5	29.3	27.6	24.9	22.9	21.6	21.1	21.5	21.5	31.5	14	14.7	5	16.8	23.2
28.7	29.3	28.0	26.7	23.8	22.9	19.7	16.2	14.1	31.1	14	14.1	24	17.0	23.9
21.4	19.5	18.2	16.6	15.6	14.4	13.3	12.5	13.2	21.4	16	12.5	23	8.9	15.8
20.6	20.5	19.9	19.1	17.8	17.3	17.1	15.4	14.0	20.6	16	10.3	5	10.3	16.5
18.9	18.0	16.9	15.5	13.6	11.7	9.7	8.9	7.8	19.1	15	7.8	24	11.3	13.8
21.2	20.8	19.4	17.2	13.6	11.7	9.9	9.4	9.4	21.2	14,16	5.3	5	15.9	13.5
25.9	25.0	23.7	22.3	18.2	17.2	16.6	14.9	13.8	27.2	14	8.4	5	18.8	18.6
27.4	26.6	25.3	23.0	20.0	19.1	18.0	17.3	17.2	27.6	14	11.6	5	16.0	20.5
29.6	28.6	27.2	25.1	21.9	20.6	19.8	20.2	20.2	29.9	15	13.5	4	16.4	22.4
31.8	31.0	30.6	28.8	25.4	22.1	21.8	22.0	21.2	32.2	14	18.5	5	13.7	25.5
28.1	27.8	26.4	25.2	22.2	19.5	17.5	15.6	14.4	29.1	13	14.4	24	14.7	23.3
23.2	22.0	20.1	18.4	18.0	17.5	17.3	16.7	16.2	24.3	13	9.7	5	14.6	17.4
24.9	24.7	23.6	21.2	19.5	18.5	18.1	18.1	17.9	24.9	15-16	13.3	3	11.6	19.2
27.6	26.9	26.5	24.4	22.4	21.5	21.2	20.4	19.8	27.6	16	14.0	5	13.6	21.6
29.6	29.5	27.5	25.1	23.0	22.1	22.0	21.3	21.4	30.7	14-15	16.8	5	13.9	23.8
22.5	22.2	21.8	21.6	21.2	20.6	20.4	20.2	19.5	24.5	12	18.0	5	6.5	21.5
25.4	24.4	23.2	21.3	20.3	19.6	19.5	18.6	18.4	27.3	12	16.7	5	10.6	21.8
30.0	29.9	28.7	26.3	23.9	21.9	21.7	21.1	21.5	30.0	14,16	14.2	4	15.8	23.2
31.8	32.5	30.5	28.3	26.2	24.9	23.4	22.5	22.3	32.5	17	18.8	6	13.7	25.7
20.6	20.3	20.0	19.7	19.8	19.6	19.6	18.0	17.8	22.1	11,15	17.8	24	4.3	20.4
25.4	24.9	23.7	22.0	20.0	18.8	18.1	17.4	17.0	26.3		13.5		12.8	20.3

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	10.5	9.5	8.5	8.5	8.5	8.5	8.5	8.9	9.0	9.0	8.5	9.0	8.5	8.0	7.6
2	10.0	9.5	9.5	9.5	8.5	9.5	10.5	10.7	10.0	9.5	8.5	8.0	7.8	7.8	8.0
3	10.5	9.0	9.0	9.5	9.5	10.0	11.0	11.7	10.5	9.5	10.0	10.5	10.5	11.1	11.0
4	11.0	11.0	10.5	10.5	11.5	11.5	12.0	12.8	11.5	11.5	12.5	10.0	9.0	10.0	9.5
5	14.0	11.0	11.5	12.0	11.5	13.5	13.0	13.5	13.5	13.5	13.0	11.5	12.5	12.6	10.5
6	12.5	12.0	11.5	11.0	10.5	10.5	11.5	11.9	11.5	10.5	9.5	10.0	10.0	9.3	9.0
7	12.0	12.5	13.5	13.5	14.0	14.5	14.5	15.1	15.5	15.5	15.5	17.0	17.0	18.3	16.5
8	15.0	14.0	13.5	13.5	16.5	15.5	15.5	15.7	15.0	15.0	16.0	15.5	16.0	16.4	17.0
9	13.0	13.0	11.5	11.5	11.0	11.5	12.0	11.4	9.0	9.0	9.5	9.5	8.5	9.4	8.5
10	12.0	11.5	11.5	9.5	7.0	5.8	6.0	6.3	6.4	7.0	6.8	6.6	6.8	6.0	6.2
11	6.2	6.2	5.8	6.2	7.0	6.6	7.2	7.4	6.4	6.0	6.4	6.8	7.4	7.0	6.4
12	9.5	9.5	10.0	9.5	9.5	9.5	9.0	9.8	9.5	9.5	10.5	11.5	12.0	13.0	12.5
13	9.5	9.0	9.0	9.0	9.0	8.5	9.0	9.9	10.5	10.0	11.0	10.5	10.5	12.1	11.5
14	8.5	8.5	9.5	10.0	10.0	10.0	10.0	9.1	9.0	7.4	7.8	8.0	7.6	6.7	6.8
15	8.5	8.0	7.2	7.6	7.2	7.2	7.0	7.2	6.2	5.8	6.2	6.2	8.5	10.2	10.0
16	8.0	7.6	7.2	7.2	7.4	6.8	6.4	6.4	5.6	5.6	4.6	4.8	5.2	5.33	5.4
17	5.0	5.4	5.4	5.2	5.4	5.8	5.8	5.3	4.8	5.2	5.0	4.4	4.8	4.7	4.2
18	6.8	6.8	6.8	6.2	6.2	7.2	7.0	6.6	5.4	4.8	5.2	5.4	4.6	4.9	5.8
19	7.4	7.6	7.4	7.2	7.2	7.2	7.2	7.1	6.8	7.4	6.8	7.0	7.4	6.8	7.6
20	8.5	8.5	8.0	8.0	8.0	8.5	9.0	8.5	8.5	8.0	8.5	9.0	8.0	7.7	7.2
21	11.0	11.0	11.0	11.5	12.0	12.5	12.5	12.4	12.5	12.5	12.0	12.5	11.0	11.6	11.5
22	14.5	14.0	13.0	12.5	13.0	12.5	11.0	7.1	5.6	5.0	6.2	6.4	6.8	6.9	8.0
23	9.0	9.0	9.0	8.5	8.0	8.0	8.5	8.9	9.0	9.0	9.0	7.6	8.5	9.9	10.0
24	11.0	10.5	9.0	9.5	10.5	10.0	9.5	10.1	10.5	9.5	9.5	8.5	8.0	8.9	8.5
25	12.0	12.0	10.0	9.5	9.0	9.0	9.5	10.8	10.0	10.5	11.0	10.5	9.5	10.2	7.2
26	13.5	11.5	11.5	10.5	11.0	11.0	11.0	11.9	11.0	9.5	9.0	8.5	7.0	5.9	7.4
27	11.5	11.0	11.5	12.0	11.0	11.5	11.5	12.5	12.0	11.5	12.5	12.0	12.0	13.8	13.5
28	14.5	14.0	13.5	13.0	13.0	12.0	12.0	12.5	12.5	12.5	12.0	14.0	14.0	14.1	9.5
29	13.5	12.0	12.0	11.5	12.0	13.5	13.0	13.3	13.5	12.5	11.0	9.0	11.5	11.2	10.0
30	11.5	10.5	10.0	11.0	12.0	11.5	12.0	12.5	13.0	12.0	11.5	10.5	11.5	11.6	11.5
31	12.0	12.0	12.0	11.0	10.5	11.0	12.0	13.7	14.5	14.0	14.0	15.5	15.0	15.8	14.0
Prom.	10.7	10.2	10.0	9.9	9.9	10.0	10.2	10.4	10.0	10.0	9.7	9.6	9.6	9.9	9.4

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
6.4	7.2	10.0	10.0	10.7	10.5	10.5	10.0	10.5	10.7	20	6.4	16	4.3	9.0
7.8	7.8	7.8	10.0	11.0	10.5	11.0	10.5	10.5	11.0	20,22	7.8	13-14,16-18	3.2	9.3
9.5	10.5	11.0	13.0	13.0	14.0	14.0	13.5	12.5	14.0	21-22	9.0	2-3	5.0	11.0
9.5	10.5	11.5	12.0	14.4	16.0	17.5	16.5	15.0	17.5	22	9.0	13	8.5	12.0
16.5	16.5	16.5	14.0	14.8	14.5	14.5	14.5	13.0	16.5	16-18	10.5	15	6.0	13.4
10.0	9.0	10.5	10.5	10.8	11.0	12.0	12.5	12.5	12.5	1,23-24	9.0	15,17	3.5	10.8
17.5	17.0	17.0	17.0	16.6	16.5	15.5	15.5	15.5	18.3	14	12.0	1	6.3	15.6
17.5	17.0	17.0	17.0	16.1	16.0	15.0	15.5	15.0	17.5	16	13.5	3-4	4.0	15.7
8.5	8.5	10.5	13.0	12.1	12.5	12.0	15.5	14.5	15.5	23	8.5	13,15-17	7.0	11.1
6.2	5.8	6.0	6.6	7.2	7.6	6.8	7.2	7.2	12.0	1	5.8	6,17	6.2	7.3
7.4	7.4	7.8	8.0	9.2	9.0	9.5	9.0	9.5	9.5	22,24	5.8	3	3.7	7.3
13.5	14.0	14.0	14.5	14.1	13.5	13.5	11.0	11.0	14.5	19	9.0	7	5.5	11.4
13.5	13.0	13.0	15.0	15.7	16.0	11.5	9.5	9.0	16.0	21	8.5	6	7.5	11.0
7.0	8.5	9.0	8.5	9.1	8.5	8.5	8.0	9.0	10.0	4-7	6.7	14	3.3	8.5
10.0	10.0	10.5	11.0	11.0	10.5	10.5	9.0	8.5	11.0	19-20	5.8	10	5.2	8.5
4.4	4.2	4.6	4.2	4.6	5.4	5.6	4.8	5.2	8.0	1	4.2	17,19	3.8	5.7
4.2	4.0	4.6	5.4	7.2	6.8	6.6	6.8	6.4	7.2	20	4.0	17	3.2	5.4
5.6	5.2	6.0	8.5	8.8	9.0	8.0	7.8	7.2	9.0	21	4.6	13	4.4	6.5
8.5	8.5	10.0	11.0	9.6	11.0	11.0	10.0	9.0	11.0	19,21-22	6.8	9,11,14	4.2	8.2
7.0	8.0	7.4	11.0	13.4	13.0	14.0	10.0	11.0	14.0	22	7.0	16	7.0	9.1
13.0	12.5	13.5	15.5	15.8	14.0	16.0	16.0	16.0	16.0	22-24	11.0	1-3,13	5.0	12.9
7.8	7.6	7.0	9.0	9.3	8.5	10.0	9.5	9.0	14.5	1	5.6	9	8.9	9.2
11.0	11.0	10.5	11.0	11.2	10.5	11.0	10.5	12.0	12.0	24	7.6	12	4.4	9.6
10.0	11.0	12.5	12.5	13.4	13.0	13.5	13.5	13.0	13.5	22-23	8.0	13	5.5	10.7
9.0	7.2	9.5	13.0	12.5	13.5	15.5	14.5	14.0	15.5	22	7.2	15,17	8.3	10.8
8.5	10.0	11.5	12.5	13.3	13.0	15.0	14.5	11.5	15.0	22	5.9	14	9.1	10.8
14.5	14.0	15.0	14.5	15.3	14.5	14.5	15.0	14.5	15.3	20	11.0	2,5	4.3	13.0
13.5	13.0	13.0	13.5	13.0	14.0	13.5	13.5	13.5	14.5	1	9.5	15	5.0	13.1
10.0	10.0	11.0	13.0	14.2	15.0	16.5	15.0	15.5	16.5	22	9.0	12	7.5	12.5
11.5	13.0	15.5	13.5	15.7	14.5	13.0	13.5	12.5	15.7	20	10.0	3	5.7	12.3
14.5	15.5	16.5	14.5	14.3	14.5	14.5	15.0	14.5	16.5	18	10.5	5	6.0	13.8
10.1	10.2	11.0	11.7	12.2	12.2	12.3	11.9	11.6	13.6		8.1		5.5	10.5

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
DÍAS	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SE	8	SE	7	S	5	S	4	S	6	S	4	S	7	S	9	SE	8	SE	8	SE	6	SE	6	SE	7	SE	7	SE	7
2	N	3	N	3	N	3	N	5	NW	3	NW	6	N	10	N	12	NE	11	NE	10	NE	8	N	11	N	11	N	11	N	10
3	NE	6	NE	9	NE	8	NE	9	NE	12	N	13	N	16	N	16	N	15	N	15	N	13	N	13	N	13	N	14	N	12
4	NE	5	NE	5	N	10	N	14	N	14	N	14	N	15	N	12	N	20	N	18	N	18	N	18	N	18	N	20	N	17
5	NE	10	NE	11	NE	9	NE	8	NE	8	NE	6	NE	13	N	17	N	15	N	14	N	14	N	12	NE	10	N	16	N	18
6	SE	10	SE	10	SE	10	SE	9	SE	10	SE	10	SE	10	SE	13	E	13	E	15	E	15	E	16	E	16	SE	15	E	9
7	NE	11	NE	10	NE	9	NE	8	NE	9	NE	8	NE	11	NE	15	N	14	N	16	N	14	NE	13	NE	16	N	19	N	24
8	N	10	N	17	N	16	N	14	N	24	SW	24	SW	12	N	8	NE	22	E	15	NE	12	SW	8	W	11	NW	9	W	18
9	S	3	S	3	S	4	S	4	S	3	S	2	SE	2	E	4	SE	4	S	7	SW	11	SW	12	SW	12	S	11	S	10
10	S	20	S	11	S	7	S	5	W	6	SW	19	SW	22	SW	27	S	32	S	28	S	26	S	26	S	26	S	23	S	22
11	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	W	12	W	17	NW	10	NW	13	NW	15	W	19	W	23
12	NW	13	NW	18	NW	20	NW	20	NW	17	NW	22	NW	19	NW	26	NW	33	NW	26	NW	26	NW	25	NW	25	NW	28	NW	24
13	NW	22	NW	22	NW	22	NW	23	NW	22	NW	18	NW	28	NW	35	NW	30	NW	33	NW	31	NW	28	NW	28	NW	24	NW	32
14	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	SE	13	SE	13	SE	14	SE	12	SE	11	SE	11	SE	8
15	NE	12	NE	10	NE	15	NE	11	NE	9	NE	11	NE	14	NE	20	NE	17	NE	16	E	12	E	15	NE	16	NE	14	E	10
16	S	16	S	15	S	13	S	12	S	12	S	17	S	14	S	18	S	19	S	18	S	20	S	19	SW	21	SW	24	SW	18
17	SW	5	SW	6	SW	7	SW	7	SW	6	SW	4	SW	9	SW	13	SW	17	SW	18	SW	15	SW	16	SW	16	SW	14	SW	14
18	NW	7	NW	9	NW	13	NW	11	NW	8	NW	9	NW	15	NW	23	NW	21	NW	27	NW	30	NW	26	NW	24	NW	24	NW	20
19	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	NW	30	NW	34	NW	30	NW	27	NW	25	NW	23	NW	17
20	N	13	N	13	N	16	N	15	N	13	N	12	N	15	N	28	N	26	N	23	N	24	N	22	N	21	N	25	NE	23
21	NE	13	NE	15	NE	16	NE	17	N	17	N	17	N	24	N	30	N	27	N	27	N	25	NW	27	NW	22	NW	21	NW	21
22	SW	6	SW	6	SW	9	SW	5	SW	6	SW	7	SW	8	SW	9	SW	8	SW	13	SW	12	SW	15	SW	12	SW	16	SW	12
23	SE	11	SE	9	SE	8	SE	7	SE	4	SE	3	SE	6	SE	10	SE	7	SE	9	SE	11	E	9	SE	8	E	8	NE	9
24	SE	5	SE	4	E	5	E	8	NE	6	NE	3	NE	4	NE	16	NE	17	NE	16	NE	14	NE	16	NE	18	NE	16	NE	10
25	E	10	E	8	NE	7	NE	10	NE	10	NE	10	NE	16	N	17	N	18	N	14	N	11	N	11	N	13	N	12	N	10
26	NE	7	NE	7	NE	11	NE	14	NE	14	NE	12	NE	14	N	15	N	15	N	12	NE	9	NE	10	NE	14	NE	11	NE	12
27	NE	8	NE	8	NE	9	NE	8	NE	9	NE	7	W	7	NW	4	NE	2	E	4	E	5	E	5	N	5	N	2	E	4
28	SE	4	S	4	S	7	S	8	S	6	SW	8	SW	9	SW	11	SW	15	SW	11	SW	12	SW	11	NE	15	NE	14	NE	18
29	E	6	E	3	E	3	E	3	NE	4	NE	6	NE	14	N	18	N	21	N	15	N	13	N	13	N	12	N	11	N	12
30	NE	12	NE	13	N	16	N	18	N	14	NW	16	NW	18	NW	24	NW	32	NW	31	NW	30	NW	30	NW	26	NW	23	NW	22
31	N	7	N	13	N	17	N	16	N	15	N	15	SW	12	SW	8	SW	4	SW	10	W	10	NW	9	NW	9	SW	6	SW	8
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		NE		NE		NE		N		N		N		N		N		N		N		N	
NUMERO DE HORAS	9		9		8		8		9		8		7		10		9		9		8		7		7		9		7	
PROM. HOR. DE LA VELOCIDAD		10		10		10		10		10		11		13		16		17		17		16		16		16		16		15

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SE	7	SE	8	NE	9	NE	9	NE	6	NE	4	NE	4	NE	4	NE	3	SE	11	6	12	SE	15.56
N	9	N	11	NE	12	NE	8	NE	7	E	5	E	3	Calma	1	NE	5	N	12	7	15	N	12.35 13.22
N	16	N	14	N	13	N	10	NE	8	NE	6	NE	3	NE	5	NE	5	N	13	10	26	N NW	13.42 14.42
N	19	N	17	N	15	NE	8	NE	8	NE	7	E	4	E	7	NE	8	N	16	13	20	N	14.54
S	11	S	6	SE	2	SW	8	SE	3	NW	6	S	2	S	5	S	7	NE	8	10	23	N	14.20
E	8	E	7	E	8	SE	8	SE	7	SE	9	SE	9	E	5	E	10	SE	13	10	22	SE	9.26
N	26	N	23	NE	18	NE	12	NE	11	NE	8	NE	4	N	12	N	10	NE	15	13	30	N	14.49
W	12	W	11	NW	12	NW	7	NW	6	NW	4	W	2	NW	5	W	4	N-W-NW	6	12	56	SW	5.34
S	7	S	5	S	2	Calma	1	NE	7	NE	9	NE	9	NE	10	NE	10	S	12	6	20	SW	11.26
S	25	S	22	S	18	S	9	S	4	S	3	s/R	-	s/R	-	s/R	-	S	19	8	44	SW	0.25 8.42
W	27	NW	22	NW	24	NW	14	NW	9	NW	7	NW	11	NW	14	NW	16	NW	11	16	-	-	-
NW	27	NW	26	NW	22	NW	15	NW	12	NW	9	NW	11	NW	16	NW	24	NW	24	21	37	NW	8.20 9.20 10.24
NW	17	NW	20	W	11	W	6	W	2	SW	2	SE	14	SE	24	SE	23	NW	12	22	37	NW	7.54 8.56
SE	7	SE	11	E	13	NE	11	NE	8	E	6	E	5	SE	6	E	6	SE	10	10	24	SE	11.02
E	9	E	8	E	5	SE	4	S	3	S	2	S	5	SW	8	SW	14	NE	12	11	24	NE	6.48
SW	18	SW	20	SW	18	SW	10	SW	10	SW	4	SW	5	SW	5	SW	6	S-SW	12	15	40	S	9.44
SW	12	SW	12	SW	10	S	4	Calma	1	Calma	1	NW	2	NW	5	NW	4	SW	18	9	34	SW	11.20 13.12
NW	25	NW	21	NW	20	NW	12	NW	6	s/R	-	s/R	-	s/R	-	s/R	-	NW	20	18	38	NW	10.30
N	19	N	18	N	17	NE	10	NE	7	NE	10	N	10	N	12	N	11	NW	15	19	38	NW	8.41 9.08
NE	22	NE	21	N	17	N	10	NE	8	NE	7	NE	7	NE	12	NE	13	N	16	15	33	N	11.34
NW	17	N	17	N	14	N	11	W	3	W	3	N	7	N	8	N	6	N	13	17	36	N	7.24 8.22
SW	12	SW	13	SW	11	SW	7	S	9	SE	12	SE	13	SE	12	SE	10	SW	19	10	27	SW	13.16
NE	16	NE	13	NE	17	E	13	E	11	E	9	E	8	E	8	E	7	SW	12	9	18	NE E NE	15.02 16.48 17.45
NE	13	NE	11	NE	13	E	9	E	10	E	8	E	8	E	8	E	8	NE	14	10	23	NE	13.08
N	10	N	9	NE	6	E	9	NE	8	NE	8	E	10	E	8	E	8	N	10	10	20	NE N	6.16 8.20
NE	16	NE	13	E	13	E	9	E	8	E	9	E	7	E	6	E	8	NE	14	11	21	NE	6.36
NE	6	NW	6	N	5	NW	3	Calma	1	S	2	SE	2	SE	5	SE	7	NE	8	5	12	W	6.03
NE	18	E	18	E	15	E	12	E	10	E	10	E	7	E	7	E	5	E	8	10	21	SE NE	7.44 13.42 15.49
N	15	N	15	N	17	NE	13	NE	8	NE	5	NE	8	NE	9	NE	10	N	11	10	22	N	7.45 16.52
NW	17	N	15	NE	16	NE	11	NE	9	NE	10	N	8	N	7	N	7	NW	11	18	39	NW	10.04
SW	13	S	7	S	4	S	5	NE	10	S	3	S	5	Calma	1	SE	2	SW	7	9	30	SW	6.40
N		N		N-NE		NE		NE		NE		E		E		NE-E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
7		9		7		8		13		10		8		7		7		NE	157	12	DIRECCIÓN	DÍA	HORA
	15		14		13		12		7		6		7		8		9				NW N	12 21	de 8.00 a 8.15 de 7.45 a 8.00

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			7	39			11	79	6	35								153
2	12	99	7	61	2	8									2	9	1	178
3	13	177	10	71														248
4	16	259	6	41	2	11												311
5	7	106	8	75			2	5	5	31	1	8			1	6		231
6					11	122	13	130										252
7	9	161	15	158														319
8	6	89	2	34	1	15					3	44	4	58	6	43		283
9			5	45	1	4	2	6	12	61	3	35					1	152
10									17	307	3	68	1	6				381
11													5	98	11	155		253
12															24	504		504
13							3	61			1	2	3	19	17	435		517
14			2	19	4	30	10	106										155
15			12	165	6	59	1	4	3	10	2	22						260
16									12	193	12	159						352
17									1	4	18	201			3	11	2	218
18															20	351		351
19	6	87	3	27											7	186		300
20	16	293	8	113														406
21	13	230	4	61									2	6	5	108		405
22							4	47	1	9	19	187						243
23			4	55	8	73	12	93										221
24			14	163	8	64	2	9										236
25	10	125	8	75	6	53												253
26	3	42	14	164	7	60												266
27	3	12	8	57	4	18	3	14	1	2			1	7	3	13	1	124
28			4	65	8	84	1	4	4	25	7	77						255
29	11	162	9	77	4	15												254
30	7	84	6	71											11	269		424
31	6	83	1	10			1	2	5	24	7	61	1	10	2	18	1	209
SUMAS	138	200	157	1646	72	616	65	560	67	701	76	864	19	204	112	2108	6	8714
% PREVAL POR VELOCIDAD	23.1		18.9		7.1		6.4		8.0		9.9		2.3		24.2		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		10		9		9		10		11		11		18		1	281

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	9	2	5	3	2		3	
1 - 2	4	9	2	4	4	2		3	
2 - 3	6	8	2	2	5	2		3	
3 - 4	6	8	2	2	5	2		3	
4 - 5	6	9		2	4	2	1	4	
5 - 6	5	8		2	3	5		5	
6 - 7	5	7		3	2	6	1	4	
7 - 8	9	3	1	2	2	5		5	
8 - 9	9	5	1	4	2	4	1	5	
9 - 10	9	3	3	3	3	4	1	5	
10 - 11	8	4	3	3	2	4	1	6	
11 - 12	7	3	4	2	2	5		8	
12 - 13	7	6	1	3	1	4	1	8	
13 - 14	9	4	1	3	2	4	1	7	
14 - 15	7	5	3	2	2	4	2	6	
15 - 16	7	6	2	2	3	4	2	5	
16 - 17	9	4	3	2	4	3	1	5	
17 - 18	7	7	5	1	3	3	1	4	
18 - 19	3	8	5	2	3	3	1	5	1
19 - 20		13	4	2	3	1	2	4	2
20 - 21		10	6	2	4	2	1	4	1
21 - 22	3	6	8	4	3	1	1	3	
22 - 23	4	5	7	4	1	2		4	2
23 - 24	4	7	7	4	1	2	1	3	
SUMAS	138	157	72	65	67	76	19	112	6
% de frec. por dirección	19.3	22.0	10.1	9.1	9.4	10.7	2.7	15.7	0.8

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0-10	Insolación	Transparencia	Observaciones
1	9	44.8	22.0	1.85	1	5	5	
	10	47.9	23.9	-	3	3	5	
	12	48.8	25.5	1.89	3	3	5	
	14	49.5	26.8	1.84	2	5	5	
	15	48.7	26.8	1.78	1	5	5	
2	9	46.4	23.5	1.86	0	5	5	
	10	48.3	25.3	1.87	0	5	5	
	12	49.5	27.4	1.80	0	5	5	
	14	50.5	28.3	1.80	0	5	5	
	15	49.5	28.2	1.73	0	5	5	
3	9	50.4	28.5	1.78	0	5	5	
	10	52.0	29.8	1.80	0	5	5	
	12	53.0	31.4	1.76	0	5	5	
	14	52.9	31.5	1.74	0	5	5	
	15	51.9	31.0	1.70	0	5	5	
4	9	50.6	29.4	1.72	1	5	5	
	10	54.0	31.6	1.82	2	5	5	
	12	57.0	34.1	1.86	2	3	5	
	14	54.8	34.1	1.68	0	5	5	
	15	53.8	34.0	1.61	1	5	5	
5	9	53.5	33.2	1.65	1	5	5	
	10	55.9	35.2	1.68	1	5	5	
	12	58.3	37.7	1.67	1	5	5	
	14	58.0	37.9	1.63	1	5	5	
	15				10	0	4	
6	9	47.9	26.2	1.76	2	5	4	
	10	49.5	27.5	1.79	1	5	4	
	12	49.5	28.3	1.72	4	4	5	
	14	41.1	26.3	1.20	9	4	5	
	15	48.4	28.1	1.65	9	3	5	
7	9				10	0	5	Ru.
	10				10	0	4	LL.
	12	35.6	25.0	0.86	10	0	4	
	14	51.5	31.0	1.67	1	5	5	
	15	49.5	30.5	1.54	0	5	5	
8	9				10	0	3	LL.
	10				10	0	4	LL.
	12	31.0	22.5	0.69	10	0	5	
	14	33.4	24.0	0.76	10	0	5	
	15	26.7	22.5	0.34	10	0	5	
9	9	51.1	30.1	1.71	1	5	5	
	10	52.7	31.0	1.76	1	5	5	
	12	53.5	31.9	1.75	0	5	5	
	14	52.9	31.7	1.72	0	5	5	
	15	51.4	31.0	1.64	0	5	5	
10	9	31.6	17.9	1.11	9	1	5	
	10	46.4	22.0	-	8	3	5	
	12	48.5	24.0	-	7	3	5	
	14	41.5	22.5	1.54	6	3	5	
	15	34.5	21.5	1.06	5	3	5	
11	9	35.4	21.8	1.10	0	5	5	
	10	47.7	24.7	1.87	0	5	5	
	12	48.5	26.5	1.79	1	5	5	
	14	51.0	28.3	1.84	8	3	5	
	15	49.2	28.7	1.67	2	5	5	
12	9	50.3	29.4	1.70	1	5	4	B.
	10	52.2	31.5	1.68	2	5	4	B.
	12	55.0	34.0	1.71	2	5	4	B.
	14	55.4	35.0	1.66	1	5	4	B.
	15	53.8	34.2	1.59	0	5	4	B.
13	9	51.7	30.9	1.69	1	5	4	B.
	10	50.4	33.0	1.41	2	3	4	B.
	12	56.5	35.5	1.71	4	4	4	B.
	14	57.4	35.0	1.82	9	0	3	B.
	15	40.3	31.0	0.76	10	0	3	B.
14	9	43.8	20.7	1.88	6	5	5	
	10	43.9	21.5	1.80	5	3	5	
	12	47.3	24.9	1.82	6	3	5	
	14	49.0	26.1	1.86	2	5	5	
	15	44.3	24.8	1.58	3	5	5	
15	9	43.8	22.2	1.76	5	3	5	
	10	46.9	23.6	1.89	3	3	5	
	12	48.5	25.0	1.91	2	3	5	
	14	35.5	22.5	1.06	9	3	5	
	15	45.9	25.2	1.68	7	3	5	
16	9	42.9	19.6	1.84	0	5	5	
	10	46.2	22.1	-	0	5	5	
	12	46.9	23.6	1.89	2	3	5	
	14	40.5	22.7	1.45	7	3	5	
	15	50.0	25.5	-	7	3	5	
17	9	43.5	21.6	1.78	1	5	5	
	10	46.7	22.7	-	2	5	5	
	12	48.6	25.5	1.88	1	5	5	
	14	49.0	26.5	1.83	0	5	5	
	15	48.0	26.0	1.79	0	5	5	
18	9	48.6	27.0	1.76	0	5	5	
	10	50.7	28.7	1.79	0	5	5	
	12	53.5	31.5	1.79	0	5	5	
	14	53.5	32.0	1.75	0	5	5	
	15	51.2	31.0	1.64	0	5	5	
19	9	48.3	27.4	1.70	0	5	5	
	10	52.2	30.3	1.78	0	5	5	
	12	53.9	33.0	1.70	0	5	5	
	14	54.6	32.6	1.79	0	5	5	
	15	52.6	32.2	1.66	0	5	5	
20	9	51.4	29.3	1.80	0	5	5	
	10	53.8	31.2	1.84	0	5	5	
	12	55.4	33.4	1.79	0	5	5	
	14	55.9	34.0	1.78	0	5	5	
	15	54.7	34.2	1.67	0	5	5	
21	9	53.0	31.9	1.72	1	5	5	
	10	55.0	33.0	1.79	1	5	4	
	12	53.0	35.0	1.46	3	3	4	
	14	58.0	37.0	1.71	2	3	4	
	15	45.2	33.6	0.94	9	3	4	
22	9	54.0	32.0	1.79	1	5	5	
	10	56.0	33.5	1.83	0	5	5	
	12	56.5	34.3	1.80	2	5	5	
	14	56.0	33.9	1.80	8	5	5	
	15	52.2	33.2	1.54	10	4	5	
23	9	46.2	23.2	1.87	0	5	5	
	10	49.0	25.5	-	0	5	4	B.
	12	52.5	29.6	1.86	4	4	4	B.
	14	49.3	28.8	1.67	10	4	4	B.
	15	50.1	28.5	1.76	10	4	4	B.
24	9	45.0	24.1	1.70	6	4	5	
	10	49.0	25.6	1.90	1	5	5	
	12	50.0	28.0	1.79	2	5	5	
	14	50.5	29.0	1.75	9	4	5	Ds.,Js.
	15	50.7	29.5	1.72	9	4	5	Ds.,Js.
25	9	50.0	28.0	1.79	8	5	5	
	10	54.0	30.5	1.91	8	5	5	
	12	51.5	31.5	1.63	9	0	5	
	14	42.0	29.5	1.01	9	0	5	
	15	55.5	32.5	1.87	9	3	5	
26	9	52.5	30.0	1.83	6	5	5	
	10	55.0	33.0	1.79	6	5	5	
	12	54.0	34.2	1.61	8	3	5	
	14	59.7	36.4	1.89	4	5	5	
	15	55.2	35.0	1.64	4	5	5	
27	9	29.0	22.8	0.50	10	0	5	
	10	30.4	23.4	0.57	10	0	4	B.
	12	31.6	24.8	0.55	10	0	4	B.
	14				10	0	3	Z.
	15				10	0	3	
28	9	49.2	29.0	1.64	3	5	5	
	10	52.4	30.8	1.76	3	5	5	
	12	47.4	30.7	1.36	3	3	5	
	14	52.5	32.0	1.67	1	5	5	
	15	51.5	31.0	1.67	1	5	5	
29	9	51.9	30.5	1.74	0	5	5	
	10	52.8	31.4	1.74	0	5	5	
	12	55.0	34.5	1.67	0	5	5	
	14	56.0	34.8	1.72	1	5	5	
	15	45.4	31.9	1.10	1	5	5	
30	9	50.0	31.0	1.54	10	4	4	
	10	54.7	34.0	1.68	9	4	5	
	12	54.6	36.0	1.51	10	2	5	
	14	43.8	33.4	0.84	9	1	4	
	15	55.2	37.0	1.48	9	3	5	
31	9				10	0	4	LL.
	10				10	0	5	Z.
	12				10	0	4	LL.
	14				10	0	4	LL.
	15	21.8	20.2	0.13	10	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	14.2	87
2		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.4	14.3	87
3		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.3	14.3	86
4		0.7	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	11.6	14.3	81
5		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5					8.5	14.3	59
6		1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	0.4	0.2	0.3		9.1	14.3	64
7		0.2	0.7	0.8	0.1		0.2	0.3	0.7	1.0	1.0	0.9	0.4		6.3	14.3	44
8								0.1	0.2	0.9	0.8	0.1			2.1	14.3	15
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	0.2	11.3	14.3	79
10		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	11.2	14.3	78
11	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.1	14.4	84
12		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.7	14.4	81
13		0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.4	1.0	0.3		9.5	14.4	66
14		0.1		0.1	0.5	0.9	0.8	1.0	1.0	1.0	1.0	0.9	0.5		7.8	14.4	54
15	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	1.0	0.5			10.3	14.4	72
16	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		12.0	14.4	83
17	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.5	14.4	87
18	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.5	14.4	87
19	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.4	14.4	86
20	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.6	14.4	88
21	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	1.0	0.2	11.9	14.4	83
22		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.5	14.4	87
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	0.4		12.0	14.4	83
24	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.9	14.4	90
25	0.1	1.0	0.4	1.0	1.0	1.0	0.6	0.8	0.7	0.3	0.9	0.4	0.4	0.1	8.7	14.4	60
26	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	11.4	14.4	79
27		0.1	0.1												0.2	14.4	01
28	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.7	14.4	88
29	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	14.4	92
30		0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.7	0.5	0.7	0.7	0.9	0.4	10.6	14.4	74
31															0.0	14.4	00
Medias	0.1	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.2	10.2	14.4	71

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	21.2	25.0	23.0	21.2	23.6	22.8	21.4	21.6	22.0	22.2	22.0	22.2	23.8	23.6	23.4
2	21.0	25.2	23.2	20.6	23.2	22.6	20.8	21.2	21.8	21.7	21.6	21.9	23.4	23.3	23.2
3	21.8	25.6	23.8	20.7	23.6	23.1	20.7	21.2	22.0	21.6	21.4	21.9	23.3	23.2	23.1
4	22.4	26.2	24.8	21.5	24.1	23.7	21.2	21.8	22.3	21.8	21.8	22.3	23.4	23.3	23.6
5	23.2	27.5	25.2	22.4	25.3	24.4	21.9	22.6	23.2	22.4	22.4	22.8	23.6	23.7	23.7
6	22.8	26.0	24.0	22.3	24.6	23.7	22.1	22.4	22.8	22.7	22.4	22.8	24.0	23.9	23.9
7	23.0	24.1	24.4	22.4	22.8	23.2	21.9	21.6	22.2	22.4	22.2	22.2	23.8	23.8	23.6
8	23.0	23.4	23.6	22.4	22.4	22.7	21.7	21.6	21.5	22.1	22.0	21.9	23.6	23.6	23.4
9	22.1	25.9	24.1	21.5	24.2	23.7	20.6	21.8	22.4	21.9	21.8	22.2	23.3	23.2	23.3
10	21.8	23.2	21.7	21.8	22.5	21.7	21.4	21.2	21.3	22.0	21.7	21.6	23.5	23.4	23.2
11	19.2	23.1	21.9	19.0	21.6	21.3	19.6	20.0	20.5	21.0	20.6	20.8	23.0	22.8	22.6
12	20.5	24.2	23.7	20.1	22.6	22.7	19.9	20.6	21.3	20.8	20.8	21.2	22.7	22.6	22.6
13	21.8	24.8	24.2	21.2	23.2	23.2	20.8	21.2	21.8	21.4	21.4	21.6	23.0	22.9	22.9
14	21.4	23.0	22.0	21.2	22.3	21.9	21.0	21.0	21.2	21.6	21.4	21.5	23.2	23.1	23.0
15	20.2	23.3	22.4	20.0	22.0	21.8	20.1	20.4	21.0	23.1	20.9	21.2	23.0	22.9	22.7
16	20.0	22.9	21.2	20.0	21.9	21.0	20.2	20.4	20.6	21.0	20.9	21.0	22.8	22.7	22.6
17	18.6	22.6	21.0	18.6	21.2	20.8	19.2	19.7	20.2	20.5	20.2	20.5	22.6	22.4	22.2
18	19.2	23.0	21.9	19.0	21.5	21.2	19.2	19.8	20.2	20.2	20.2	20.5	22.3	22.2	22.2
19	20.2	23.8	22.8	19.7	22.1	21.9	19.6	20.1	20.8	20.5	20.5	20.8	22.4	22.6	22.3
20	21.1	24.8	23.6	20.4	22.8	22.6	20.1	20.6	21.4	20.8	20.8	21.2	22.6	22.6	22.6
21	22.5	26.2	25.5	21.6	23.9	24.1	21.0	21.6	22.4	21.4	21.6	22.0	23.0	23.0	23.1
22	24.0	27.2	25.3	23.0	25.4	24.6	22.3	22.9	23.4	22.4	22.5	23.0	23.6	23.7	23.8
23	22.0	26.0	24.2	21.8	24.4	23.7	22.0	22.3	22.8	22.8	22.5	22.8	24.1	24.0	23.9
24	22.1	25.8	24.3	21.7	24.0	23.6	21.7	22.0	22.6	22.5	22.3	22.6	24.1	23.9	23.9
25	22.6	26.4	25.1	22.1	24.2	24.1	21.8	22.2	22.8	22.5	22.4	22.7	24.0	24.0	23.9
26	23.7	28.4	25.8	22.5	25.7	24.9	22.2	23.0	23.6	22.7	22.6	23.2	24.2	24.2	24.2
27	23.9	25.2	24.6	23.2	24.0	23.9	22.8	22.8	22.8	23.2	23.0	23.0	24.5	24.4	24.3
28	23.8	28.4	25.5	22.6	26.0	25.0	22.2	23.1	23.8	22.8	22.8	23.3	24.3	24.2	24.2
29	23.2	28.9	26.4	22.5	26.0	25.4	23.5	23.2	24.0	23.2	23.2	23.6	24.5	24.6	24.5
30	24.4	28.4	26.0	23.6	25.8	25.7	23.1	23.5	24.3	23.6	23.5	24.0	24.8	24.8	24.9
31	24.2	24.2	23.8	23.6	23.5	23.2	23.3	22.9	22.7	23.7	23.4	23.4	25.0	24.9	24.7
Prom.	22.0	25.2	23.8	21.4	23.6	23.2	21.3	21.6	22.1	22.0	21.8	22.1	23.5	23.5	23.4

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					1	0.8	1.6	1.7	3.8							7989
2					0	0.5	2.3	2.5	5.8							7985
3					0	1.0	3.3	2.7	7.5	H.3	9.5	9.0	17.5			7972
4					0	1.5	3.4	3.5	8.6							7969
5					2	1.7	4.4	1.4	6.5							7982
6	-	7.5	4.0	6.9	1	0.7	2.4	1.6	5.2							8018
7					2	1.2	0.8	2.3	5.1							8003
8	8.5	10.5	8.6	7.7	2	2.0	0.5	0.6	1.5							7984
9	-	0.0	1.7	0.7	1	0.4	3.2	2.4	7.2							8015
10	12.5	12.6	12.5	9.7	2	1.6	2.5	2.5	5.9	H.4	15.6	8.7	17.6			8033
11					1	0.9	3.1	4.7	11.0							8062
12					0	3.2	5.2	3.9	10.1							8036
13					0	1.0	5.2	3.2	10.0							8045
14	2.3	2.6	2.2	-	1	1.6	1.7	1.8	4.8							8095
15					0	1.3	2.3	1.3	5.2	H.5	7.5	8.3	16.3			8090
16					0	1.6	2.9	2.9	6.9							8090
17					0	1.1	3.0	3.6	7.2							8122
18					0	0.6	6.1	3.7	12.5	H.6	6.9	8.6	16.2	16.6		8130
19					0	2.7	5.4	3.7	12.3							8129
20					0	3.2	4.9	4.4	11.7							8138
21					0	2.4	4.5	3.7	9.6							8147
22					0	1.4	4.7	3.1	9.2							8169
23					0	1.4	2.3	1.8	4.9	H.7	6.8	7.1	15.6			8181
24					0	0.8	2.5	2.1	6.0							8191
25					0	1.4	2.9	3.1	7.9							8198
26					0	1.9	3.9	3.5	8.4							8106
27					0	1.0	2.0	0.7	3.6							8218
28	0.0	0.0	0.0	0.0	0	0.9	2.5	1.7	5.0	H.8	7.5	7.3	16.2			8232
29					0	0.8	3.6	3.7	9.9							8230
30					0	2.6	5.4	4.1	12.3							8244
31	0.5	1.1	0.3	0.5	2	2.8	0.7	0.7	2.1							8267
Prom.	23.8	36.3	29.3	25.5	-	1.5	3.2	2.7	7.4	-	-	-	-	-	-	8099

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		
24.8	23.6	23.4	21.4	21.4	21.4	18.6	17.5	7.0	Ca. m. y n., Cn. t., r. m.
23.5	23.5	23.2	21.4	21.4	21.4	18.6	17.6	7.0	Cn. m., Ca. t. y n., r. m.
23.5	23.5	23.3	21.4	21.5	21.4	18.9	17.7	9.7	Ca. m. t. y n., r. n.
23.7	23.7	23.6	21.5	21.5	21.5	18.9	17.7	10.9	Ca. m. y n., Cn. t.
24.0	24.0	23.9	21.6	21.5	21.7	19.0	17.8	13.8	Ca. m. y t., Cn. n., LL.R. n.
24.2	24.1	24.0	21.6	21.7	21.7	19.0	17.9	-	Cn. m. t. y n., B. n.
24.0	24.0	23.8	21.7	21.7	21.7	19.0	17.8	14.4	Cn. m., Ca. t. y n.
23.7	23.7	23.6	21.9	21.9	21.8	19.1	17.9	18.5	Cn. m. y t., Ca. n., LL.Ns.Ru. m., r. n.
23.3	23.3	23.1	21.8	21.8	21.8	19.2	17.9	12.7	Ca. m. t. y n., Ne.r. m.
23.5	23.5	23.3	21.9	21.8	21.8	19.3	17.8	11.4	Ca. m. y n., Cn. t., r. m.
23.3	23.2	22.9	21.7	21.8	21.8	19.5	18.0	3.4	Ca. m. y n., Cn. t.
23.1	23.1	23.0	21.7	21.6	21.8	19.5	18.0	11.7	Ca. m. t. y n. , B. t.
23.3	23.3	23.2	21.8	21.8	21.7	29.5	18.0	13.9	Ca. m., Cn. t. y n., B. t.
23.4	23.5	23.3	21.6	21.7	21.7	19.5	18.0	11.3	Cn. m., Ca. t. y n.
23.3	23.4	23.1	21.5	21.7	21.7	19.5	18.1	7.2	Cn. m. t. y n.
23.2	23.1	22.9	21.7	21.7	21.7	19.6	18.1	6.4	Ca. m. y n., Cn. t.
23.0	22.9	22.6	21.4	21.7	21.5	19.6	18.1	1.1	Ca. m. t. y n.
22.8	22.8	22.5	21.5	21.6	21.5	19.6	18.1	5.7	Ca. m. t. y n., r. m.
22.8	22.9	22.6	21.4	21.6	21.5	19.8	18.3	7.6	Ca. m. t. y n.
22.9	23.0	22.9	21.4	21.5	21.5	19.8	18.3	8.4	Ca. m. t. y n.
23.2	23.3	23.3	21.6	21.6	21.5	19.8	18.4	12.7	Ca. m. y n., Cn. t.
23.8	23.9	23.8	21.7	21.7	21.7	19.8	18.5	15.5	Ca. m. y n., Cn. t.
24.2	24.2	24.0	21.7	21.8	21.8	19.9	18.4	3.4	Ca. m., Cn. t. y n., B. t., Jl. n.
24.2	24.2	24.0	21.8	21.9	21.9	20.0	18.5	-	Cn. m. y t., Ca. n., Js.Ds. t.
24.2	24.2	24.0	21.9	22.0	22.0	19.8	18.5	11.8	Cn. m. t. y n.
24.2	24.3	24.2	22.0	22.1	22.2	20.0	18.5	13.8	Cn. m., Ca. n., B. t., Jl.Dl. n.
24.6	24.5	24.4	22.2	22.0	22.4	20.0	18.5	14.5	Cn. m. t. y n., Z. t.
24.3	24.3	24.1	22.2	22.3	22.3	20.0	18.5	13.8	Ca. m. t. y n.
24.5	24.6	24.5	22.3	22.3	22.3	20.0	18.6	10.5	Ca. m. t. y n.
24.8	24.8	24.8	22.5	22.4	22.5	20.0	18.6	15.5	Cn. m. t. y n., B. m., R. n.
24.9	24.9	24.7	22.5	22.6	22.6	20.1	18.6	15.0	Cn. m. t. y n., LL. m. y t.
23.8	23.7	23.6	21.8	21.8	21.8	19.5	18.1	10.6	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	54.7	65.6	1	8	42.4	9	23	20.1	25.6	14.1	33.5	5	14	8.5	10	24	9.7	14.3	68
2ª	55.4	62.2	18	8	46.1	13	15-16	18.5	25.4	10.5	31.5	12	14	5.3	17	5	11.3	14.4	79
3ª	55.9	61.6	23	8-9	51.0	30	18-20	22.2	27.8	15.7	32.5	30	17	9.7	23	5	9.6	14.4	67
MES	55.3	65.6	1	8	42.4	9	23	20.3	26.3	13.5	33.5	5	14	5.3	17	5	10.2	14.4	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	69	99	2	32	5	11.5	18.3	5.8	N	10	40	10	32	10	8-9	44	SW	10	0.25 8.42	32.6	12.6	10	7.0	10	0-1
2ª	54	89	11	18	18	8.2	16.0	4.0	NW	20	44	12	35	13	7-8	40	S	16	9.44	2.6	2.6	14	1.5	14	5-6
3ª	63	97	29/31	18	26	11.7	16.5	5.6	NE	10	44	21	32	30	8-9	39	NW	30	10.04	1.1	1.1	31	0.5	31	6-7
MES	62	99	2	18	18,26	10.5	18.3	4.0	NE	12	44	12 21	35	13	7-8	44	SW	10	0.25 8.42	36.3	12.6	10	7.0	10	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	Trombe Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	1	2	-	-	-	-	2	-	-	-	-	-	-	2	1	1
2ª	-	2	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
3ª	-	3	-	-	-	-	-	1	1	-	-	-	-	-	2	-	1
MES	-	6	2	-	-	-	-	3	1	-	-	-	-	-	8	1	2

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Canellada blanda	Canellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	-	-	-	-	-	-	-	-	-	-	2	3	-	5	-
2ª	1	-	-	-	-	-	-	-	-	-	-	5	1	-	5	-
3ª	-	-	-	-	-	1	1	1	2	-	-	2	5	-	7	-
MES	7	-	-	-	-	1	1	1	2	-	-	9	9	-	17	-

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