San Miguel, Argentina. Observatorio de Física Cosmica

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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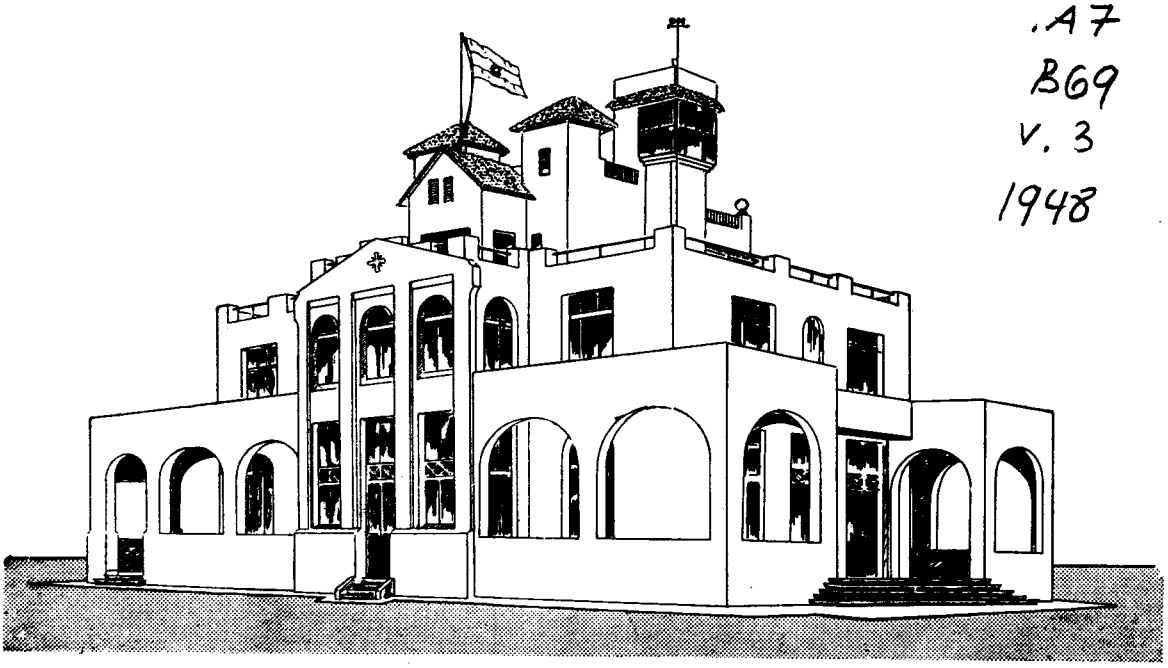

BOLETÍN MENSUAL

VOLUMEN III

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Rocket Center, West Virginia
September 14, 1999

OBSERVADORES Y CALCULISTAS:

Sres.: Alberto Martínez
Miguel Guerriera
Angel Abregú Delgado

APRECIACION GENERAL DE LAS OBSERVACIONES

I. DATOS DIVERSOS

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

II. REGISTROS ELECTRICOS

1. *Potencial atmosférico.*
   a) El potencial atmosférico (P) se mide con dos electrómetros a cuadrantes y registro de puntos de la fábrica Labo-Gif, París. El captador de ionio está colocado a 5.40 m. sobre el nivel del suelo. Los valores numéricos de la tabla están corregidos por el debido coeficiente e indican potencial absoluto, reducidos a volts por metro (V/M). En los promedios sólo se toman en cuenta los días del tipo "O" y "1" completos, desechándose el valor que por cualquier causa fuese dudoso.
   b) Tipo de la curva. — Las bandas se clasifican en cuatro tipos:
      Tipo "O". — No hay valores de potencial negativo y las curvas son sin grandes fluctuaciones.
      Tipo "1". — Hay potencial negativo durante no más de tres períodos horarios. Las fluctuaciones pueden ser bruscas pero no tanto que se salgan mucho del campo de los aparatos ni sea imposible leerlas.
      Tipo "2". — Hay potencial negativo durante 4 ó más períodos horarios (no es necesario que la suma del tiempo con potencial negativo sea siempre más de tres horas). Las fluctuaciones igual que el tipo "1", aunque algunas salidas del campo no impiden que un día sea del tipo "2".
      Tipo "3" o de perturbación. — Grandes cambios de potencial que hacen imposible su lectura y cálculo. Las agujas salen continuamente fuera del campo de los aparatos o éstos deben ser puestos a tierra por tormentas eléctricas.
   c) Otros signos. — Valen los siguientes signos convencionales:
      V/M: Valor del potencial en volts, referido a un metro sobre el nivel del suelo.
      $+\infty, -\infty$: El valor del potencial ha superado una sola vez, por la parte de los potenciales positivos o negativos, el límite del campo disponible en el aparato para registrar las indicaciones de los electrómetros.
      $\pm\infty$: El potencial ha salido del campo en ambos signos durante la hora indicada.
      Ru : Aparatos puestos a tierra por intensa tormenta eléctrica.
      — : Registros perdidos por diversas causas (telas de araña, etc...).
      * : Día incompleto.

2. *Ionización del aire.*
   a) El coeficiente de dispersión (a) se mide dos veces por día (al mediodía y una hora antes de la puesta del Sol) por el método Gocke Schering usando un electrómetro bifilar Wulf de la fábrica Leybolds nº. 969.
   b) La conductibilidad (λ) se mide dos veces por día simultáneamente con el coeficiente de dispersión. El aparato usado es un condensador de Gerdien con motor eléctrico y electrómetro bifilar Wulf nº. 970.
   c) El número de iones livianos (n) positivos y negativos se mide simultáneamente una vez por día en la hora que precede al mediodía, usándose para ello dos contadores de iones Ebert-Marche de la fábrica Günther y Tegetmeyer con electrómetros bifilares Wulf nºs. 6339 y 6562.
   d) La movilidad de los iones (k) se mide al mismo tiempo y con los mismos aparatos que el número de iones usando un condensador auxiliar de que están provistos los condensadores debiéndose hacer una segunda determinación de la carga iónica con los condensadores en serie.
   e) La corriente vertical (i) se obtiene por cálculo según la fórmula: $i = P(\lambda^+ + \lambda^-)$. Para "P" y "$\lambda$" se toma la conductibilidad a mediodía y de tarde y el valor promedio del potencial durante el tiempo que duró la determinación de "λ".

III. REGISTROS METEOROLOGICOS

1. *Presión atmosférica.* — Los valores consignados en milímetros y décimos de milímetros se han obtenido por interpolación entre las lecturas directas, en las horas mencionadas, del Barómetro Fortín N-Z nº. 2575, corregidas por temperatura, error de índice (s/c) y gravedad (—0,75), y los dados por las fajas del Barógrafo Fuess nº. 3130. La altura de la cu-

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

2. *Temperatura del aire.* — Los valores anotados en grados y décimos corresponden a los de la escala centígrada o Celsius, habiéndoselos obtenido por interpolación entre las lecturas directas del Termómetro de mercurio Fuess nº. 82123, y los dados por las fajas del Termógrafo Fuess nº.101252.
3. *Humedad relativa.* — Los valores expresados en tanto por ciento (%) se han deducido por interpolación entre los determinados por el Psicrómetro Fuess nºs. 82123 y 82124, y los leídos en las fajas del Higrógrafo N-Z nº. 12152 con excepción de los correspondientes a las 8.00, 14.00 y 20.00 horas. Estos valores así como los anteriores vienen suministrados por el instrumental instalado dentro del abrigo meteorológico; sus órganos sensibles se encuentran á 1.60 m. sobre el nivel del suelo.
4. *Tensión del vapor.* — Los valores indicados en milímetros y décimos de milímetros los entregan las tablas correspondientes utilizando como argumento los valores interpolados de la "temperatura del aire" y "humedad relativa", con excepción de los valores de las 8.00, 14.00 y 20.00 horas obtenidos de las tablas psicrométricas.
5. *Viento: dirección y velocidad.* — La dirección se anota según ocho rumbos y con las abreviaturas clásicas, deducida de la veleta registradora Richard nº. 91435. Los valores de la velocidad en m/s son los observados durante los cinco minutos que preceden a las horas de las observaciones; valen las cifras de la escala de Beaufort convertidas en m/s.
6. *Nubes: grado y clases.* — Se consigna el resultado de la observación estimada y considerando al cielo dividido en diez partes, de modo que para un cielo completamente despejado de nubes se considera nubosidad cero (0), y para el completamente cubierto nubosidad diez (10). Las clases responden a las existentes en el cielo en el momento de las observaciones; las abreviaturas son las corrientes.
7. *Visibilidad.* — Se anotan los grados de visibilidad horizontal existente en el momento de la observación y utilizando las cifras de la tabla correspondiente, de modo que en una escala de 0 a 9, la primera cifra indique no ser visible un objeto situado a menos de 50 metros y la última a más de 50.000.
8. *Radiación solar.* — Los números indican la cantidad de calor radiante expresado en gramocalorías por centímetro cuadrado y por minuto deducidos del juego de actinómetros: Bulbo blanco Fuess nº. 1872 y Bulbo negro Fuess nº. 1873, siendo la constante instrumental 12.3º.
9. *Insolación y Transparencia.* — Los números responden a las escalas especiales siguientes: Insolación: Sol completamente oculto (0); id., débil con intermitencias (1); id., id., constante (2); id., bastante bueno con intermitencias (3); id., id., id., constante (4); id., espléndido (5).
   Transparencia: pésima (1); mala (2); mediana (3); buena (4); muy buena (5).
10. *Heliofanía.* — Las cifras representan las horas y décimos de hora leídas en las fajas del Heliofanógrafo Campbell n.º 1541. Cuando se consideran los totales diarios que dan el tiempo que el Sol quemó las fajas del instrumento, se habla de H. efectiva; H. teor.-astronómica son los valores correspondientes al "máximum posible de horas de Sol" que corresponde al Observatorio según su posición geográfica; H. relativa los valores obtenidos de dividir la "H. efectiva" por la "H. teor-astronómica" y multiplicado por cien.
11. *Lluvia.* — Los datos se obtienen del pluviómetro Hellmann (Tipo B) situado a 1.50 m. sobre el nivel del suelo, controlados con el Pluviógrafo Casella nº. 428. A los efectos de estudiar el gradiente de caída se consignan además los valores que entregan los Pluviómetros Tipo A colocados a 0.50 m., 7.00 m. y 18.00 m. sobre el nivel del suelo. Los valores expresados en milímetros y décimos representan el total de lluvia caída en las últimas 24 horas.
12. *Estado del suelo.* — Los valores vienen dados en cifras del código internacional de 0 a 9.
13. *Evaporación.* — Los números expresados en milímetros y décimos de milímetros representan el total de agua evaporada en las últimas 24 horas deducidos del Evaporímetro nº. 30. Se entiende que el total del agua evaporada es la determinada en la observación de las 8.00 horas.
14. *Geohidrometría.* — Las cifras representan el porcentaje de humedad a las profundidades diversas del suelo, considerando que éste ha sido previamente deshidratado a una temperatura de 105º C.
15. *Freatímetro.* — Los valores expresados en milímetros indican las variaciones del nivel de la primera capa de agua del subsuelo. deducidos del Freatímetro DMGH 133.
16. *Geotemperatura.* — Valores directos de la temperatura del subsuelo tomados a las horas y profundidades que se indican de los termómetros: Fuess 13281 (0.05 m.), 14530 (0.10 m.), 13117 (0.20 m.), 13135 (0.30 m.), 14786 (0.40 m.); Salmoiraghi 50537 (0.50 m.); Fuess 13198 (1.00 m.), 7061 (2.00 m.); N-Z H3009 (3.00 m.).
17. *Temperatura mínima del suelo.* — Valores mínimos de la temperatura de la superficie a las 8.00 horas del Termómetro N-Z CE5423.
18. *Ocurrencia de hidrometeoros y otros fenómenos.* — No habiendo sido posible adquirir caracteres especiales de imprenta valen las siguientes denominaciones:

LL: lluvia. - **Z**: llovizna. - **Ni**: nieve. - **AN**: agua-nieve. - **CH**: chaparrones. - **Chni**: chaparrones de nieve. - **CHan**: chaparrones de agua-nieve. - **G**: granizo. - **Gb**: granizo blando. - **Pi**: piedra. - **N**: niebla. - **Ne**: neblina. - **Ns**: niebla del suelo. - **B**: bruma. - **Vx**: aire diáfono - Visib. extr. - **Cn**: cielo cubierto. - **Ca**: cielo claro. - **Ru**: tormentas (relámp. y truen.). - **R**: relámpagos. - **Tv**: vientos fuertes. - **r**: rocío. - **h**: helada. - **ns**: suelo cubierto de nieve. - **Gh**: granos de hielo. - **ah**: agujas de hielo. - **ñ**: cencellada blanda. -**ña**: cencellada dura. - **H**: hielo glaseado. - **Kn**: nevascas. - **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. III ENERO 1948 N.° 1

RESUMEN MENSUAL

El año comienza con tiempo bueno y caluroso, y gran amplitud diaria de temperatura (diferencia entre la máxima y la mínima de 17.0° a 18.0° C), correspondiendo a su vez gran amplitud en el estado higrométrico. El 1° de Enero se registra la mínima en la humedad relativa y absoluta, y el día 2 el valor máximo mensual de la temperatura con 40.2° C, la que resulta también la máxima anual. Por la tarde de este mismo día baja la presión considerablemente alcanzando el valor mínimo del mes. Un frente frío que pasa por el Observatorio en la misma noche, con tormentas eléctricas y lluvias, origina una semana de tiempo inestable con frecuentes lluvias, acompañadas por tormentas eléctricas y temperaturas por debajo del nivel normal. La temperatura máxima, hasta el fin de la década,no sobrepasa ya los 30.0° C; en esta semana se registran además los tres únicos días del mes con promedios diarios de la temperatura inferiores a 20.0° C así como el valor mínimo mensual de la misma (11.6° C) el día 10. En esta década se anota también la casi totalidad de la precipitación mensual, o sea 205 mm.

En la primera mitad de la segunda década reina tiempo bueno con temperaturas que responden a esta estación. Sólo el 13 por la noche un nuevo frente de aire polar hace descender la temperatura sin influir mayormente en las otras condiciones meteorológicas. En la segunda mitad aumenta la nubosidad motivada por la afluencia de aire más húmedo del sector NE. El ambiente se inestabiliza, teniendo lugar el pasaje de otro frente frío el 17 por la tarde, el que no altera el estado general del tiempo.

Al comenzar la tercera década sigue este tiempo inestable cuyas características son fuerte nubosidad y temperaturas inferiores al valor medio.Los vientos del sector E predominan, lo que impide un recalentamiento del aire. Hacia el día 27 se restablece el buen tiempo a causa de un anticiclón que al desplazarse desde el S al NE combina con el anticiclón subtropical del Atlántico. La presión alcanza su valor máximo mensual el 28 y los vientos giran hacia el N. Este aire tropical húmedo es nuevamente desplazado el último día del mes por una aeromasa polar que pasa por el Observatorio con tormentas y chaparrones.

La frecuencia de frentes de aire fresco y los vientos predominantes del sector E son la causa de que el promedio mensual de la presión y temperatura sean de 1.5 mb y 0.5°C respectivamente inferiores a la normal y el de la nubosidad muy superior con respecto a los importes medios.

POTENCIAL ATMOSFERICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	24	24	34	28	24	34	26	4	-40	-16	-20	-54	-∞	±∞	-48
3	–	–	–	–	–	–	122	74	84	70	48	48	88	92	76
4	38	38	44	42	28	28	46	18	54	62	71	64	80	80	-∞
5	–	–	–	–	–	–	–	–	–	–	–	–	–	96	146
6	–	–	–	–	–	–	36	40	36	50	40	49	50	50	50
7	36	50	46	46	50	82	142	229	206	171	94	87	94	66	149
8	–	–	–	–	–	–	±∞	121	121	87	117	71	82	58	30
9	–	–	40	54	50	46	54	36	50	24	20	46	66	94	75
10	71	85	98	87	75	71	91	107	85	75	71	69	66	62	58
11	–	–	22	26	24	22	26	44	64	62	60	62	60	71	62
12	22	26	26	22	34	40	48	60	62	50	42	38	38	46	50
13	36	32	42	32	18	32	54	34	42	38	18	- 5	- 5	24	16
14	–	–	–	–	–	–	75	112	107	123	144	135	101	78	107
15	40	42	50	26	32	16	12	7	5	5	5	12	60	66	75
16	22	30	38	30	16	7	7	7	10	12	34	26	34	62	75
17	18	7	14	14	- 4	26	20	22	30	60	71	54	56	52	40
18	46	40	26	26	22	46	54	46	54	40	36	- 7	0	38	34
19	62	82	66	36	71	30	28	40	96	80	58	65	71	71	54
20	14	42	36	48	46	42	46	54	58	60	54	52	50	54	69
21	38	46	42	50	58	44	64	85	-30	107	80	51	94	+∞	+∞
22	56	46	52	78	80	42	42	66	66	46	48	103	78	80	75
23	75	91	52	73	22	10	24	48	87	112	89	98	89	75	75
24	34	38	42	24	22	32	107	71	66	78	69	61	71	66	78
25	–	–	18	14	22	20	54	50	66	71	103	99	–	–	–
26	56	69	71	89	62	40	117	130	176	91	105	110	- 7	–	50
27	62	56	44	40	40	44	105	142	142	128	114	84	75	71	62
28	26	16	16	20	40	58	89	101	85	75	71	77	85	89	101
29	38	58	54	54	48	54	38	66	60	60	58	63	62	58	66
30	54	42	14	14	18	24	44	12	16	32	54	57	56	46	52
31	44	42	34	42	-∞	30	38	38	46	38	24	-77	-63	-39	- 7
Prom.	46.3	49.7	40.2	40.8	41.0	34.3	47.2	60.2	69.3	66.1	63.1	67.9	65.3	66.4	67.8

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	2.89	2.06	4.96	1.41	3.08	4.25	7.33	0.73	0.28	0.26	0.54	1.08	0.38	0.57	0.95	0.67
2	7.04	7.62	14.66	0.92	6.80	7.06	13.86	0.97	0.98	1.08	2.06	0.91	1.01	1.12	2.13	0.90
3	–	–	–	–	7.00	8.15	15.14	0.86	1.07	1.59	2.66	0.67	1.06	1.06	2.12	1.00
4	1.80	2.28	4.08	0.80	–	–	–	–	0.30	0.33	0.63	0.91	0.98	0.48	1.46	2.04
5	–	–	–	–	–	–	–	–	0.89	1.50	2.39	0.59	–	–	–	–
6	–	–	–	–	7.52	7.75	15.27	0.97	0.88	0.78	1.66	1.13	0.99	1.07	2.06	0.92
7	4.17	5.64	9.82	0.73	2.40	2.34	4.74	1.03	0.63	0.75	1.38	0.84	0.24	0.24	0.48	1.00
8	–	–	–	–	4.45	4.90	9.35	0.91	0.32	0.28	0.60	1.14	0.62	0.59	1.21	1.05
9	11.27	13.44	24.71	0.84	5.72	6.48	12.20	0.88	1.30	1.10	2.40	1.18	0.80	0.90	1.70	0.89
10	6.67	7.81	14.48	0.85	9.23	8.54	17.77	1.07	0.88	0.99	1.87	0.89	1.42	1.34	2.76	1.06
11	7.58	8.16	15.73	0.94	10.34	12.67	23.01	0.82	1.00	0.99	1.99	1.01	1.33	1.49	2.82	0.89
12	7.67	8.02	15.68	0.95	11.71	9.32	21.02	1.28	1.04	0.83	1.87	1.25	1.46	1.51	2.97	0.97
13	7.35	7.70	15.05	0.94	8.36	8.83	17.19	0.95	0.94	1.03	1.97	0.91	1.03	1.04	2.07	0.99
14	4.24	4.90	9.15	0.86	7.87	8.36	16.24	0.94	0.55	0.68	1.23	0.81	0.96	1.12	2.08	0.86
15	7.06	7.82	14.88	0.89	5.70	5.76	11.46	0.99	1.03	1.17	2.20	0.88	0.68	0.67	1.35	1.01
16	4.37	3.42	7.80	1.26	5.70	5.40	11.10	1.07	0.58	0.39	0.97	1.49	0.76	0.70	1.46	1.08
17	5.88	6.59	12.46	0.90	6.94	8.79	15.73	0.79	0.80	0.86	1.66	0.93	1.08	1.29	2.37	0.84
18	8.05	9.81	17.86	0.82	14.37	7.76	22.13	1.85	1.03	1.06	2.09	0.97	2.21	1.24	3.45	1.78
19	3.60	3.78	7.38	0.94	4.67	4.67	9.34	1.00	0.46	0.46	0.92	1.00	0.50	0.79	1.29	0.63
20	13.38	12.69	16.07	1.06	8.25	9.29	17.55	0.90	1.77	1.70	3.47	1.04	0.93	1.14	2.07	0.82
21	8.56	16.79	25.36	0.51	3.12	5.33	8.46	0.60	1.05	0.88	1.93	1.19	0.30	0.26	0.56	1.15
22	10.27	12.85	13.12	0.81	3.10	4.10	7.19	0.76	1.53	1.55	3.08	0.99	0.35	0.41	0.76	0.85
23	5.86	6.24	12.10	0.94	6.14	6.76	12.90	0.92	0.92	0.73	1.65	1.26	0.65	0.77	1.42	0.84
24	5.66	7.30	12.95	0.77	8.03	7.94	15.98	1.01	0.80	1.00	1.80	0.80	1.14	1.00	2.14	1.14
25	3.26	4.20	7.47	0.80	–	–	–	–	0.38	0.41	0.79	0.93	1.63	1.90	3.53	0.86
26	–	–	–	–	10.33	12.91	23.24	0.80	0.76	0.68	1.44	1.12	1.42	1.52	2.94	0.93
27	2.57	3.76	6.34	0.69	7.84	7.56	15.39	1.04	0.33	0.40	0.73	0.82	1.03	1.01	2.04	1.02
28	11.66	13.12	24.78	0.89	6.80	6.42	13.22	1.06	1.78	1.63	3.41	1.09	1.00	1.05	2.05	0.95
29	13.04	15.87	28.91	0.82	9.26	9.15	18.41	1.01	1.55	1.80	3.35	0.86	1.21	1.21	2.42	1.00
30	11.96	15.05	27.02	0.79	10.67	11.95	22.62	0.89	1.64	1.79	3.43	0.93	1.50	1.61	3.11	0.93
31	6.75	9.32	16.07	0.73	Ru	–	–	–	0.70	0.78	1.48	0.90	1.81	1.29	3.10	1.40
Prom.	7.02	8.32	15.34	0.88	7.24	7.50	14.73	0.97	0.91	0.95	1.86	0.98	1.02	1.01	2.03	1.02

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
-	50	58	66	34	28	12	32	32		120	-18	138	2*
-60	-46	-60	-	-	22	10	20	±∞		∞	-∞	-	3*
64	65	-	-	30	22	12	18	28		134	-158	292	1*
-∞	-∞	-∞	-	-	-	-	-	-		176	-∞	-	3*
58	54	-∞	-	-	-	-	-	-		∞	-∞	-	3*
48	46	48	42	-	-	-	-	32		144	0	144	3*
160	187	144	+∞	+∞	±∞	-	-	-		∞	-∞	-	3*
22	36	58	52	38	18	16	-	-		∞	-∞	-	3*
112	89	69	50	75	80	71	103	94		160	-30	190	1*
66	62	68	64	52	24	12	14	-		∞	-16	-	1*
54	56	58	56	26	30	28	30	30		121	- 7	128	1*
46	40	38	28	12	5	26	38	28	36.0	103	-14	117	1
18	26	12	22	22	32	36	44	- 4		73	-73	146	2
112	103	137	94	107	58	36	46	50		256	26	230	0*
85	72	87	98	78	30	14	22	10		153	-16	169	2
82	80	40	42	26	40	28	30	30	33.7	153	-10	163	1
40	42	38	42	56	42	38	40	44		167	-52	219	2
38	36	32	34	20	26	34	62	66		126	-18	207	2
7	62	96	87	20	10	18	18	18	51.9	204	-46	250	1
71	80	60	85	-	-	-	42	58		210	-236	446	3*
80	135	167	101	103	-81	87	42	40		∞	-∞	-	3*
58	75	93	103	78	98	85	60	62	69.6	171	-18	189	1
69	62	69	80	52	42	36	28	9	61.1	171	- 7	178	1
56	66	66	78	46	40	24	-	-		181	- 9	190	1*
-	-	-	50	7	62	80	- 7	32		∞	-∞	-	3*
14	56	94	64	50	71	60	50	64		∞	-∞	-	3*
60	38	34	38	30	30	36	46	30	64.6	181	0	181	0
110	114	123	121	87	85	50	50	40	72.0	201	- 9	210	1
62	60	80	75	89	91	44	60	64	61.0	139	0	139	0
56	52	50	62	50	48	46	44	42	41.0	110	0	110	0
- 7	±∞	-	-	-	-	-	-	-		∞	-∞	-	3*
61.1	64.8	69.2	70.7	49.3	49.9	41.0	41.6	35.9	54.5				

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^-
-	-	46	-	1.46	-	-	-	-	-	-
-28	-66	-58	-4.56	-4.12	559	750	1309	0.74	1.71	-
50	52	-	4.61	-	750	247	997	3.04	2.91	0.95
91	66	Ru	1.39	-	438	498	936	0.88	0.56	0.47
-	-	-	-	-	312	312	624	1.00	-	2.33
38	48	48	2.66	3.30	626	124	750	5.05	-	-
80	85	231	3.91	3.70	312	622	934	0.50	0.75	1.93
146	91	64	1.82	2.58	189	251	440	0.75	-	-
24	46	64	3.68	3.63	1186	1123	2309	1.06	2.71	1.25
71	68	60	4.24	5.52	551	737	1288	0.75	2.17	1.23
64	69	62	4.58	5.83	964	490	1454	1.97	0.94	0.80
38	36	38	2.24	3.76	429	339	768	1.26	1.38	-
18	5	5	0.33	0.34	622	425	1047	1.46	0.63	1.86
144	139	167	5.70	11.58	735	624	1359	1.18	1.34	0.30
2	5	78	0.37	3.51	901	792	1693	1.14	0.78	0.98
42	32	42	1.03	2.04	735	513	1248	1.43	1.88	1.43
64	38	38	2.10	3.00	1079	675	1754	1.60	0.47	0.88
32	- 4	34	-0.28	3.91	983	964	1947	1.02	1.00	0.57
60	66	96	2.02	4.13	624	614	1238	1.02	-	1.62
58	58	62	6.71	4.28	981	853	1834	1.15	0.41	1.49
112	40	194	2.57	3.62	513	308	821	1.66	-	0.66
60	89	112	9.14	2.84	798	1023	1821	0.78	-	1.26
82	91	78	5.00	3.69	1251	614	1865	2.04	2.04	-
64	56	66	3.36	4.71	1285	1075	2360	1.20	1.68	1.78
117	98	Ru	2.58	-	398	245	643	1.62	1.40	-
114	167	96	8.02	9.41	1039	1020	2052	1.02	1.70	0.72
110	91	34	2.21	2.31	226	429	655	0.53	-	1.38
73	69	112	7.84	7.65	920	844	1764	1.09	1.72	-
54	62	80	6.92	6.45	1136	981	2117	1.16	1.45	1.41
56	56	58	6.40	6.01	920	1136	2056	0.81	-	1.76
18	-61	-	-3.01	-	737	920	1657	0.80	0.73	1.29
63	54	73	3.23	3.99	740	652	1391	1.32	1.38	1.23

PRESIÓN ATMOSFERICA

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

DIAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	55.8	55.9	56.0	56.3	56.7	57.4	58.0	58.2	58.2	58.0	57.4	57.1	56.8	56.2	55.9
2	53.1	52.9	53.1	53.1	53.2	53.2	53.5	53.3	53.4	52.7	52.4	51.6	50.8	49.8	49.6
3	51.7	55.1	53.4	53.1	52.4	49.0	51.9	52.8	54.0	54.2	54.2	53.6	53.6	53.5	53.5
4	56.5	56.4	56.6	56.2	57.4	57.2	57.8	57.8	58.0	57.3	57.4	56.9	57.2	56.2	56.1
5	55.6	54.7	54.5	54.5	53.7	53.6	53.8	54.4	55.2	55.9	55.4	55.3	54.9	53.6	52.2
6	51.9	51.9	51.2	52.9	52.7	52.8	52.8	53.9	54.6	54.9	55.0	54.5	54.4	54.4	54.2
7	55.0	54.7	54.9	55.0	54.6	55.8	55.9	56.3	56.0	56.1	56.0	56.0	55.1	55.3	55.0
8	52.0	53.1	52.3	53.2	54.3	51.0	51.7	51.6	51.4	52.1	52.3	52.7	52.8	52.9	53.2
9	55.1	55.0	54.5	53.9	54.6	54.9	55.5	55.6	55.6	55.7	55.7	56.0	56.4	56.7	56.5
10	57.1	56.9	57.0	57.1	57.2	57.5	57.9	57.8	57.8	57.4	57.2	56.8	56.4	55.7	55.2
11	55.2	55.1	55.0	55.0	55.1	55.6	55.8	56.2	56.3	56.2	56.3	56.0	55.7	55.4	55.0
12	54.6	54.2	54.0	53.9	54.0	54.2	54.2	54.3	54.2	53.9	53.7	53.3	52.9	52.6	51.9
13	51.9	52.0	51.7	51.4	51.6	51.8	52.0	51.9	51.6	51.3	51.1	50.8	50.5	50.4	50.1
14	56.2	56.3	56.4	56.8	57.6	58.3	58.7	58.8	58.9	59.0	58.9	58.8	58.7	58.3	58.1
15	59.0	58.9	58.9	59.1	59.4	60.2	60.9	60.8	61.1	60.9	59.8	60.5	58.8	57.7	57.6
16	57.2	56.9	57.0	56.9	57.1	57.4	57.9	57.8	57.9	58.5	57.8	56.9	56.8	57.2	56.6
17	55.6	55.0	54.9	54.5	55.0	55.1	55.3	54.7	55.3	54.8	54.9	54.8	54.7	54.0	53.8
18	53.9	52.8	52.9	52.6	52.7	53.4	54.1	54.4	54.4	54.2	54.6	54.3	54.1	54.4	53.9
19	56.5	56.6	56.7	56.8	57.5	57.8	58.4	58.6	58.7	58.4	58.2	58.1	57.6	56.9	56.5
20	55.8	55.4	54.8	54.9	55.0	55.0	54.9	54.8	54.5	54.2	53.9	53.8	53.2	52.2	51.3
21	51.4	50.7	50.5	50.5	50.7	51.0	51.1	50.6	50.6	50.6	50.3	50.2	50.6	50.0	48.8
22	51.8	51.7	51.8	51.7	52.4	53.1	53.7	54.3	54.7	55.1	55.4	55.2	54.8	54.4	54.0
23	56.5	56.5	56.5	56.6	56.8	56.9	57.6	57.8	57.9	58.0	57.8	57.6	57.4	56.9	56.5
24	55.9	55.7	55.8	55.9	56.1	56.4	56.7	57.0	56.8	56.9	56.4	55.9	55.6	54.8	54.2
25	54.0	53.9	53.8	53.7	53.7	54.0	54.1	54.1	54.0	54.1	53.9	53.7	52.7	52.6	52.8
26	53.1	52.9	52.3	52.5	52.7	52.9	53.0	53.2	53.1	53.3	53.4	53.2	53.2	53.0	53.0
27	56.0	56.1	56.3	56.7	57.2	58.0	58.7	59.0	59.2	59.3	59.6	59.7	59.7	59.6	59.6
28	61.5	61.4	61.5	61.8	62.1	62.5	62.7	62.8	62.7	62.7	62.6	62.4	62.1	61.7	61.3
29	59.7	59.8	59.8	59.8	60.0	60.3	60.8	61.0	60.9	60.8	60.5	60.1	59.7	59.0	58.3
30	58.1	58.0	57.9	57.7	57.8	57.7	57.9	57.5	57.1	56.8	56.5	55.8	55.1	54.2	53.6
31	50.2	50.1	49.4	49.4	49.6	49.8	50.7	50.7	50.2	50.2	49.9	50.9	51.2	51.9	52.2
Prom	55.1	55.0	54.9	55.0	55.2	55.3	55.7	55.9	55.9	55.9	55.8	55.6	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	17.6	17.6	17.9	17.1	16.8	17.7	21.9	25.9	27.9	29.2	30.3	31.8	32.1	32.4	33.1
2	24.4	24.2	24.3	24.5	24.0	24.2	26.4	29.6	31.3	33.9	35.7	37.7	38.5	39.5	39.9
3	20.9	20.7	19.0	19.1	19.7	20.3	22.5	23.5	23.5	23.0	22.8	23.8	25.2	26.4	27.6
4	18.3	17.5	16.8	16.0	15.5	16.8	20.0	22.8	24.1	24.5	25.5	25.0	24.9	23.7	21.7
5	18.2	18.8	18.3	18.3	18.4	19.1	19.3	19.4	19.3	19.2	19.7	19.4	19.5	20.0	20.9
6	20.5	20.2	20.0	19.2	19.0	19.0	19.1	19.2	19.4	22.1	23.6	25.2	25.4	26.4	27.3
7	16.1	15.4	14.9	14.7	14.4	16.6	17.9	20.4	21.5	24.5	26.3	26.6	25.6	26.3	26.2
8	17.6	18.0	18.1	18.1	17.4	16.5	17.5	18.9	20.6	21.9	23.0	20.2	23.1	23.0	22.0
9	16.6	16.6	16.7	16.7	16.8	17.0	17.2	17.4	19.3	19.2	20.2	20.7	21.2	22.2	21.8
10	15.3	14.8	14.0	13.9	13.7	14.0	18.1	19.8	21.0	22.3	23.0	23.9	24.5	25.6	25.6
11	18.2	17.7	17.3	17.3	16.8	17.4	20.6	22.5	23.1	23.9	24.3	25.4	26.2	27.0	27.4
12	20.1	19.8	19.3	19.0	18.8	19.0	22.2	24.1	25.8	27.4	28.8	30.0	30.8	31.6	32.1
13	22.5	20.1	19.6	19.4	20.2	21.4	24.3	26.9	28.1	29.7	31.0	32.0	32.5	33.2	33.4
14	17.9	16.6	15.7	15.1	14.5	14.6	17.7	20.6	23.2	23.8	24.4	25.2	25.6	26.2	26.5
15	18.6	18.3	18.3	17.3	17.4	17.3	17.5	18.4	19.0	20.0	21.0	22.4	24.0	25.9	26.6
16	20.9	21.1	21.0	20.6	20.0	20.1	21.2	22.6	24.3	24.7	25.8	27.2	26.7	27.2	28.0
17	21.4	20.8	20.6	20.1	20.1	20.5	21.7	24.0	26.1	27.3	28.4	28.8	30.3	30.0	31.3
18	22.1	22.4	20.8	20.1	19.5	21.0	21.5	23.0	23.9	26.2	26.7	28.0	28.9	29.8	30.2
19	19.4	19.2	18.9	18.9	18.6	18.8	19.1	20.7	23.4	25.2	26.5	27.2	28.0	28.2	28.1
20	21.6	21.5	21.2	21.0	21.2	21.4	22.6	25.2	26.4	28.1	29.2	29.9	30.9	31.0	31.0
21	21.8	21.5	21.6	21.6	21.4	21.4	21.9	23.0	22.9	23.0	23.2	23.3	23.5	23.2	22.6
22	19.3	18.7	18.2	18.3	18.6	18.9	19.4	20.2	20.3	19.9	19.7	22.2	24.5	26.0	26.4
23	17.5	17.2	16.8	16.7	16.5	16.5	17.0	20.4	22.0	22.2	23.0	24.3	24.3	24.5	24.7
24	16.5	16.1	16.2	16.1	16.1	16.0	19.8	22.4	23.8	25.0	26.6	26.6	27.1	27.6	27.5
25	22.1	22.0	21.2	21.3	21.0	21.2	22.0	23.4	23.7	24.5	25.5	25.7	25.6	23.6	20.8
26	19.7	19.5	19.4	19.4	19.4	19.2	19.1	19.4	19.6	19.7	21.8	22.3	21.1	21.6	21.3
27	16.7	15.9	15.C	14.4	13.8	14.0	16.6	19.0	20.6	21.8	23.2	23.9	25.4	25.8	25.3
28	17.3	16.8	16.6	16.6	16.6	16.1	17.5	20.9	21.8	22.8	23.4	23.8	24.9	25.2	25.4
29	18.0	18.5	18.5	18.4	18.1	18.3	19.7	21.6	23.1	24.3	25.4	25.9	27.2	27.6	27.9
30	20.2	20.3	20.1	19.4	19.1	19.0	20.7	22.9	25.0	25.9	27.4	28.5	29.0	29.4	29.2
31	23.0	23.0	23.2	23.7	23.6	23.4	23.6	25.0	26.7	28.1	29.3	25.4	24.0	23.8	21.7
Prom	19.4	19.1	18.7	18.5	18.3	18.6	20.2	22.0	23.2	24.3	25.3	25.9	26.5	26.9	26.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
55.2	55.0	54.9	54.9	54.8	55.0	55.2	54.7	53.9	58.2	8-9	53.9	24	4.3	756.2 mm.	1008.2 mb.
48.7	47.7	46.6	48.4	48.6	48.5	48.4	49.1	52.3	58.5	7	46.6	18	6.9	51.0	1001.3
53.4	53.3	53.4	53.6	53.8	54.6	55.7	56.4	56.5	56.5	24	49.0	6	7.5	53.6	1004.8
54.3	54.2	54.2	54.0	53.6	55.0	54.9	55.9	55.7	58.0	9	53.6	20	4.4	56.1	1008.1
51.4	51.5	51.3	51.8	49.0	51.1	53.2	52.2	51.2	55.9	10	49.0	20	6.9	53.3	1004.4
54.0	53.9	53.9	54.0	54.1	54.6	54.9	55.1	55.2	55.2	24	51.2	3	4.0	53.8	1005.0
54.8	54.1	54.0	54.0	54.0	53.9	53.8	53.7	53.6	56.3	8	53.6	24	2.7	54.9	1006.5
53.9	53.0	53.1	53.9	54.0	54.2	54.4	54.9	54.9	54.9	23-24	51.0	6	3.9	53.0	1004.0
56.1	56.0	56.0	56.2	56.5	57.0	57.2	57.4	57.2	57.4	23	53.9	4	3.5	55.9	1007.8
55.0	54.8	55.0	55.1	55.6	55.8	55.8	55.7	55.5	57.9	7	54.8	17	3.1	56.4	1008.5
54.6	54.2	53.7	53.5	54.2	54.6	54.9	54.9	54.5	56.3	9,11	53.5	19	2.8	55.1	1006.8
51.5	51.1	50.9	51.0	51.0	51.6	51.9	51.5	51.4	54.6	1	50.9	18	3.7	52.8	1003.7
49.9	49.9	50.4	51.1	51.9	52.7	53.6	54.8	55.8	55.8	24	49.9	16-17	5.9	51.7	1002.2
57.8	57.5	57.5	57.4	57.9	58.3	58.7	58.9	58.8	59.0	10	56.2	1	2.8	58.0	1010.6
57.5	57.4	57.1	57.4	57.8	57.9	58.2	58.1	57.8	61.1	9	57.1	18	4.0	58.8	1011.7
56.4	56.1	56.0	55.4	54.9	55.1	55.2	55.3	55.6	58.5	10	54.9	20	3.6	56.7	1008.9
53.6	52.7	52.2	52.3	52.8	53.4	53.6	54.2	54.0	55.6	1	52.2	18	3.4	54.2	1005.6
53.7	53.9	54.4	54.9	55.4	55.5	55.9	56.3	56.4	56.4	24	52.6	4	3.8	54.3	1005.7
56.3	55.8	55.6	55.2	55.3	55.5	56.1	56.3	56.2	58.7	9	55.2	19	3.5	56.9	1009.2
51.0	51.0	50.7	50.7	50.8	52.0	51.9	51.9	51.4	55.8	1	50.7	18-19	5.1	53.1	1004.1
48.7	48.8	49.1	49.5	50.4	51.1	51.0	51.4	51.6	51.6	24	48.7	16	2.9	50.4	1000.5
54.1	54.6	54.8	55.6	56.1	56.2	56.6	56.4	56.3	56.6	22	51.7	2,4	4.9	54.4	1005.8
56.3	55.6	55.7	55.7	55.9	56.2	56.6	56.5	56.2	58.0	10	55.6	17	2.4	56.8	1009.0
53.7	53.6	53.2	53.7	54.0	54.3	54.6	54.5	54.5	57.0	8	53.2	18	3.8	55.3	1007.0
52.6	52.8	52.5	52.8	53.0	53.2	53.3	53.2	53.3	54.1	7-8,10	52.5	18	1.6	53.4	1004.5
53.0	52.9	53.3	53.8	54.4	55.1	55.8	55.9	56.0	56.0	24	52.3	3	3.7	53.5	1004.6
59.5	59.6	59.9	60.2	60.6	61.1	61.3	61.4	61.6	61.6	24	56.0	1	5.6	59.2	1012.1
60.7	60.3	60.3	60.3	60.2	60.4	60.4	60.4	60.2	62.8	8	60.2	20,24	2.6	61.5	1015.3
57.9	57.6	57.7	57.8	58.0	58.4	58.5	58.5	58.4	61.0	8	57.6	17	3.4	59.3	1012.4
52.8	52.2	51.6	50.8	50.8	50.9	51.0	50.9	50.8	58.1	1	50.8	19-20,24	7.3	54.7	1006.2
52.5	52.6	52.9	53.7	54.1	54.5	54.6	55.1	55.0	55.1	23	49.4	3-4	5.7	51.7	1002.2
54.2	54.0	53.9	54.2	54.3	54.8	55.1	55.2	55.2	57.0		52.8		4.2	55.0	1006.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
33.7	33.2	31.1	27.7	25.9	25.6	26.2	25.5	24.9	33.7	16	16.8	5	16.9	26.0
39.8	39.7	38.1	34.8	30.9	30.0	29.5	28.6	22.5	39.9	15	22.5	24	17.4	31.3
28.1	28.4	28.4	27.1	25.0	24.0	21.9	20.6	19.4	28.4	17-18	19.0	3	9.4	23.4
21.5	21.6	20.9	19.9	19.6	19.0	18.7	18.0	18.1	25.5	11	15.5	5	10.0	20.4
21.1	21.1	20.9	20.8	20.8	20.8	20.8	20.7	20.7	21.1	16-17	18.2	1	2.9	19.8
27.5	27.1	26.6	24.5	22.0	20.2	17.9	17.8	16.8	27.5	16	16.8	24	10.7	21.9
25.3	25.3	24.9	23.2	22.6	21.8	21.0	21.1	19.1	26.6	12	14.4	5	12.2	21.3
21.1	21.4	20.4	19.0	18.0	17.1	17.1	16.6	16.6	23.1	13	16.5	6	6.6	19.3
22.0	21.9	21.7	19.8	18.2	18.1	16.2	16.1	15.8	22.2	14	15.8	24	6.4	18.7
24.9	24.6	24.2	22.1	20.6	19.7	18.7	18.5	18.1	25.6	14-15	13.7	5	11.9	20.0
27.1	27.0	26.0	24.2	22.6	22.1	21.9	21.4	21.0	27.4	15	16.8	5	10.6	22.4
32.1	32.1	31.0	28.0	26.0	25.6	25.5	24.9	25.3	32.1	16-17	18.8	5	13.3	25.8
33.5	32.2	30.9	28.1	26.0	24.8	23.6	22.1	19.9	33.5	16	19.4	4	14.1	26.5
26.2	26.0	25.1	23.1	21.4	20.9	20.2	19.6	19.2	26.5	15	14.5	5	12.0	21.2
27.1	27.0	21.6	19.5	22.2	20.9	20.9	21.0	21.2	27.1	16	17.3	4,6	9.8	21.0
28.1	28.1	27.5	24.9	23.8	22.5	22.5	22.5	22.4	28.1	16-17	20.0	5	8.1	23.9
29.8	28.9	28.3	26.5	24.4	24.3	22.1	22.4	22.9	31.3	15	20.1	4-5	11.2	25.0
30.1	29.5	28.4	24.9	23.6	22.9	22.3	21.4	20.2	30.2	15	19.5	5	10.7	24.5
27.7	26.9	26.2	24.2	22.4	21.7	21.5	21.6	21.6	28.2	14	18.6	5	9.6	23.1
31.1	29.5	27.8	26.8	25.8	23.3	22.0	21.9	21.7	31.1	16	21.0	4	10.1	25.5
23.0	23.8	24.0	23.5	22.8	22.1	21.4	21.1	20.1	24.0	18	20.1	24	3.9	22.4
26.5	25.2	23.1	21.7	20.5	19.4	17.7	18.0	17.8	26.5	16	17.7	22	8.8	20.8
24.5	24.2	23.3	21.5	20.0	19.2	18.6	18.1	16.9	24.7	15	16.5	5-6	8.2	20.4
27.3	26.9	25.7	24.4	22.6	21.8	21.5	22.0	22.1	27.6	14	16.0	6	11.6	22.4
20.2	19.5	19.2	19.3	19.4	19.7	19.9	19.8	19.8	25.7	12	19.2	18	6.5	21.7
20.8	22.9	23.0	21.8	21.0	20.1	18.9	18.0	17.4	23.0	18	17.4	24	5.6	20.3
25.0	23.8	22.9	21.3	20.1	19.3	19.1	18.6	18.0	25.8	14	13.8	5	12.0	20.0
25.7	25.5	24.1	22.5	21.6	21.2	20.7	20.3	19.1	25.7	16	16.1	6	9.6	21.1
27.5	27.0	26.0	23.7	22.4	21.3	21.2	21.2	20.5	27.9	15	18.0	1	9.9	22.6
29.3	28.7	28.3	26.5	25.0	24.1	23.6	23.6	23.4	29.4	14	19.0	6	10.4	24.5
20.5	19.6	18.8	18.2	15.2	14.5	13.0	12.7	11.7	29.3	11	11.7	24	17.6	21.3
26.7	26.4	25.4	23.7	22.3	21.5	20.8	20.5	19.8	27.7		17.4		10.3	22.5

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	14.5	13.5	12.5	13.0	13.0	13.5	16.0	15.7	13.0	11.0	12.0	11.5	8.0	8.4	8.5
2	14.0	15.0	15.0	14.0	13.5	14.0	16.0	16.1	16.0	16.5	18.5	16.0	14.0	13.8	15.0
3	17.0	16.5	15.5	16.0	16.5	16.0	16.5	17.1	17.5	18.5	17.0	17.0	16.0	17.0	17.0
4	9.5	10.0	9.5	9.5	10.5	9.5	11.5	11.5	10.5	10.5	11.5	11.0	11.0	8.7	12.0
5	15.0	15.5	15.0	15.0	15.0	16.0	16.0	16.1	16.0	16.0	15.5	15.5	15.5	16.1	17.0
6	17.5	16.0	16.0	15.0	15.0	15.0	15.0	15.3	13.5	13.0	13.5	14.5	15.0	15.2	14.0
7	11.5	12.0	11.5	11.5	11.0	11.5	12.5	13.6	12.5	10.5	10.5	8.5	10.0	9.1	8.0
8	14.5	14.0	15.0	15.0	13.5	12.5	13.0	14.0	14.0	15.0	14.0	11.5	14.0	14.8	14.0
9	13.0	13.0	13.5	13.5	13.5	13.0	13.5	13.4	13.5	13.5	13.5	14.0	13.5	14.7	13.0
10	12.5	12.0	11.5	11.5	11.0	11.5	13.5	13.7	12.5	12.5	12.0	11.5	12.0	12.0	11.5
11	15.0	13.5	12.5	12.5	12.0	12.5	13.0	13.1	13.0	12.5	13.0	13.5	14.5	14.1	14.0
12	15.0	15.0	14.5	14.0	14.0	14.0	14.0	15.7	15.5	17.0	17.0	16.5	15.5	16.4	13.5
13	15.5	14.5	14.5	15.5	17.0	17.0	18.5	18.3	16.0	16.0	16.0	15.0	15.5	16.7	16.0
14	9.5	8.5	9.0	9.0	9.5	9.5	10.5	11.3	9.0	10.0	10.5	10.0	10.5	10.5	9.5
15	12.0	12.0	11.0	11.0	11.5	12.0	11.5	11.2	11.5	12.5	12.5	12.5	13.5	12.1	12.0
16	15.0	16.0	15.0	15.5	15.0	15.0	15.5	15.4	15.0	16.5	16.5	18.0	17.5	17.9	17.5
17	17.5	16.5	17.5	17.0	17.0	16.5	17.5	17.7	17.0	15.5	16.5	15.5	16.5	15.4	14.5
18	16.0	16.5	16.0	15.0	15.5	16.0	15.5	15.9	16.0	17.0	16.0	16.0	17.0	16.3	15.0
19	15.5	15.0	15.5	15.5	15.5	14.5	16.0	15.5	15.5	16.0	16.0	15.5	14.5	14.1	16.0
20	16.5	16.5	16.0	16.0	16.0	17.5	17.5	18.0	17.0	17.5	15.5	16.5	15.5	17.1	16.0
21	16.0	16.5	16.5	17.5	17.5	17.5	18.0	19.2	19.0	19.0	19.5	18.5	18.5	19.8	16.5
22	13.5	14.0	15.0	15.0	15.5	15.5	15.5	15.6	14.5	15.0	14.0	14.0	13.0	11.4	10.5
23	13.0	12.5	12.0	13.0	12.5	12.5	13.0	13.9	13.0	13.0	13.0	13.0	13.0	12.4	12.0
24	12.5	13.0	13.0	13.0	13.0	13.0	15.0	15.6	14.5	12.0	13.5	13.5	15.0	15.2	13.0
25	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.4	16.5	17.5	16.0	15.0	14.0	12.2	15.0
26	15.5	15.5	15.5	15.5	15.5	15.0	15.0	14.8	14.5	14.5	15.0	16.5	16.0	16.6	16.5
27	13.0	13.0	12.0	11.5	11.0	11.5	12.0	12.9	12.0	12.0	12.0	12.5	12.5	13.5	13.5
28	12.5	13.0	13.0	12.0	12.0	12.5	12.0	13.1	12.0	11.5	12.0	13.5	13.5	14.0	13.5
29	13.5	13.5	13.5	13.5	14.0	13.5	14.0	14.1	14.0	15.0	15.0	15.5	15.5	14.1	13.0
30	15.0	16.0	16.0	15.5	15.0	15.0	15.5	16.8	17.0	15.5	15.5	15.0	15.5	15.8	15.5
31	16.0	16.0	16.0	15.5	16.5	15.5	16.5	16.8	16.0	17.5	19.0	15.0	13.5	12.8	11.0
Prom.	14.3	14.2	14.1	14.0	14.0	14.1	14.7	15.1	14.4	14.5	14.6	14.3	14.2	14.1	13.7

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.5	10.5	11.0	11.5	12.0	12.5	13.0	14.0	13.5	16.0	7	8.0	13	8.0	12.2
15.0	15.0	13.5	15.5	16.8	19.5	22.1	21.0	18.5	22.0	22	13.5	5,18	8.5	16.0
16.0	16.5	16.5	19.0	18.9	18.0	13.0	11.0	10.5	19.0	19	10.5	24	8.5	16.3
13.5	13.5	15.0	15.5	16.0	15.0	14.5	14.0	15.0	16.0	20	8.7	14	7.3	12.0
17.0	17.0	17.5	17.5	17.9	17.5	17.5	17.5	16.5	17.9	20	15.0	1,3-5	2.9	16.3
14.0	12.5	12.0	13.0	13.2	13.5	13.0	13.0	12.0	17.5	1	12.0	18,24	5.5	14.2
10.0	11.0	13.5	12.0	12.2	16.0	14.0	14.0	15.0	16.0	21	8.0	15	8.0	11.8
14.0	14.5	13.5	13.5	12.9	12.5	12.5	13.0	13.0	15.0	3-4,10	11.5	12	3.5	13.7
12.0	12.0	12.0	13.0	13.7	13.0	12.5	12.5	12.0	14.1	14	12.0	16-18,24	2.1	13.1
13.5	13.0	12.5	12.0	13.4	14.5	14.0	13.5	14.0	14.5	21	11.0	5	3.5	12.6
14.0	14.0	14.0	15.0	15.4	14.0	14.0	14.5	15.0	15.4	20	12.0	5	3.4	13.7
15.0	15.0	14.0	17.5	19.7	17.5	17.5	19.0	18.5	19.7	20	13.5	15	6.2	15.9
16.0	16.5	15.0	15.5	16.5	16.5	16.5	17.0	14.0	18.5	7	14.0	24	4.5	16.1
9.5	10.5	11.0	12.0	13.1	14.0	14.5	12.0	12.0	14.5	22	8.5	2	6.0	10.6
11.0	11.0	9.0	10.5	15.0	15.0	16.0	17.0	16.0	17.0	23	9.0	18	8.0	12.5
17.5	16.0	17.0	16.5	16.4	16.5	17.5	18.5	18.5	18.5	23-24	15.0	1,3,5-6,9	3.5	16.5
14.5	15.5	16.5	16.0	16.1	15.0	15.0	16.5	17.0	17.7	8	14.5	15-16	3.2	16.3
15.0	14.5	19.0	18.0	17.3	17.0	16.5	17.5	16.0	19.0	18	14.5	17	4.5	16.3
15.5	15.0	15.5	16.0	16.3	15.5	16.5	16.5	16.5	16.5	22-24	14.1	14	2.4	15.6
16.0	16.0	17.0	19.0	18.4	17.5	17.0	17.0	16.5	19.0	19	15.5	11,13	3.5	16.8
18.0	18.0	18.0	18.5	19.2	17.0	18.5	17.0	16.0	19.8	14	16.0	1,24	3.8	17.9
11.0	12.5	13.0	12.0	11.8	11.0	10.5	12.5	12.5	15.6	8	10.5	15,22	5.1	13.3
12.0	11.5	11.0	12.5	13.2	13.5	13.5	13.5	13.0	13.9	8	11.0	18	2.9	12.7
14.0	15.0	15.0	16.0	16.1	16.0	16.5	17.0	17.0	17.0	23-24	12.0	10	5.0	14.5
16.0	15.5	15.0	16.0	16.1	15.5	16.0	16.5	16.5	17.5	10	12.2	14	5.3	16.1
16.0	16.0	15.0	16.0	15.6	14.0	14.0	14.0	13.5	16.6	14	13.5	24	3.1	15.2
14.5	13.5	14.0	14.5	14.4	14.5	13.5	13.5	13.0	14.5	16,19,21	11.0	5	3.5	12.9
12.5	14.0	13.5	13.5	14.9	15.5	15.0	15.0	14.0	15.5	21	11.5	10	4.0	13.2
14.0	15.0	15.5	14.5	15.3	15.5	16.0	16.0	15.5	16.0	22-23	13.0	15	3.0	14.5
15.5	15.0	16.0	16.0	16.4	16.0	15.5	15.5	16.5	17.0	9	15.0	1,5-6,12,17	2.0	15.7
12.0	13.0	13.0	10.5	10.6	10.5	10.0	10.5	10.0	19.0	11	10.0	22,24	9.0	13.9
14.0	14.1	14.4	14.8	15.3	15.1	15.0	15.2	14.8	17.0		12.2		4.8	14.5

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.	VELO
1	Calma	1	SE	3	S	5	SE	2	SE	3	SE	4	NE	3	E	7	SE	7	SE	7	E	8	E	8	NE	15	NE	16	NE	14
2	NE	12	NE	12	NE	13	NE	14	NE	15	N	16	N	20	N	29	NW	30	NW	35	NW	34	NW	30	NW	36	NW	42	NW	32
3	SE	21	SE	12	NE	7	NE	7	NE	15	NE	24	NE	22	NE	8	N	8	NW	16	NW	18	NW	24	NW	17	NW	17	NW	15
4	SE	9	SE	7	SE	8	SE	6	SE	5	SE	8	SE	7	E	12	E	17	E	12	E	15	E	13	E	13	E	12	E	8
5	E	8	E	24	NE	25	NE	25	NE	18	NE	15	NE	27	NE	29	NE	26	NE	19	NE	7	NE	7	E	6	E	5	E	11
6	NW	5	NW	9	NW	9	NW	13	SW	5	NW	5	N	12	SW	9	SW	15	SW	11	SW	10	SW	11	SW	13	SW	13	SW	14
7	W	2	W	2	SW	2	Calma	1	SW	2	S	2	NE	3	Calma	1	SE	3	E	4	NE	9	E	11	E	5	E	8	NE	10
8	SE	17	SE	17	SE	10	SE	14	SE	18	E	20	E	21	E	19	E	21	E	21	E	19	SE	14	SE	12	SE	13	SE	9
9	S	5	S	6	S	7	S	7	S	6	S	3	S	3	S	7	SW	10	SW	13	SW	14	S	14	SE	14	SE	15	SE	9
10	Calma	1	Calma	1	SE	2	Calma	0	Calma	0	Calma	0	NW	3	N	10	E	10	N	6	NW	8	NW	8	NW	7	NW	8	NW	8
11	NE	6	NE	6	NE	6	NE	10	NE	8	N	9	NW	14	NW	15	NW	19	NW	18	NW	20	NW	19	NW	18	NW	19	NW	20
12	NW	13	NW	13	NW	14	NW	12	NW	15	NW	12	NW	15	NW	17	NW	19	W	18	W	19	W	18	W	19	W	18	W	15
13	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	NW	9	NW	17	NW	22	W	24	W	25	W	26	W	25	W	20
14	SE	14	SE	8	SE	8	SE	7	SE	4	SE	5	SE	5	SE	9	E	8	E	14	NE	16	NE	17	NE	20	NE	18	NE	15
15	NE	7	NE	8	NE	14	NE	10	NE	12	NE	8	N	8	N	14	N	12	NE	13	NE	13	NE	9	NE	10	NE	13	NE	11
16	NE	8	NE	11	NE	12	NE	11	NE	10	NE	12	NE	11	NE	13	NE	12	NE	5	SW	4	s/R	–	NE	12	SE	4	SE	5
17	S	3	s/R	–	s/R	–	S	3	N	6	NW	6	NW	5	N	5	W	11	NW	9	W	10	SW	9	SW	10	SW	9	SW	8
18	SW	7	SW	5	SW	3	Calma	1	SW	2	S	7	S	11	S	8	S	11	S	12	S	11	S	14	S	11	S	10	S	9
19	SE	4	SE	2	SE	4	SE	4	SE	4	S	4	S	6	S	6	SE	8	SE	9	SE	8	SE	9	SE	9	SE	8	SE	9
20	E	8	E	8	E	9	E	6	NE	9	NE	12	NE	14	NE	15	NE	15	NE	17	NE	14	NE	14	NE	11	E	12	E	10
21	NE	8	NE	7	NE	7	E	4	S	2	S	4	S	4	S	2	E	6	E	5	E	6	E	4	E	2	E	9	SE	8
22	S	7	S	2	S	2	S	5	S	6	S	8	S	8	S	7	S	10	S	8	S	8	SE	7	SE	10	SE	10	SE	11
23	SE	7	SE	3	SE	4	SE	3	SE	4	S	5	SE	3	SE	4	E	15	E	15	E	12	E	13	E	15	E	13	E	13
24	SE	4	E	4	E	5	E	2	SE	3	SE	2	SE	2	NE	8	NE	9	NE	7	NE	3	E	6	NE	8	NE	15	NE	16
25	E	9	E	7	SE	3	E	8	NE	5	NE	6	NE	6	NE	8	NE	6	E	5	SE	6	SE	7	E	11	SE	10	S	11
26	S	4	S	7	S	8	S	7	S	7	S	9	S	11	S	10	S	9	S	9	S	7	S	10	S	10	S	10	S	12
27	SE	5	SE	4	S	2	S	2	S	3	S	2	S	6	SE	9	SE	8	SE	8	SE	8	SE	8	SE	7	E	8	E	9
28	SE	4	SE	6	SE	3	SE	5	S	2	Calma	0	Calma	1	NE	12	NE	15	NE	13	NE	12	NE	10	NE	9	NE	10	NE	10
29	NE	6	NE	11	NE	14	NE	14	NE	15	NE	14	NE	17	NE	22	NE	19	NE	19	NE	16	NE	15	NE	14	N	13	NE	13
30	NE	7	NE	12	NE	12	NE	8	NE	9	NE	8	NE	13	NE	16	NE	14	NE	13	NE	16	N	16	N	19	N	19	N	18
31	NE	17	NE	15	NE	16	NE	20	N	11	NE	4	N	5	SW	4	W	2	W	5	NW	10	SW	18	S	13	S	15	S	10
DIRECCIÓN PREVALENTE	SE		SE		NE		NE		NE		NE-S		NE		NE		NE		NE		NE		NE-E		NE		E		NE	
NÚMERO DE HORAS	9		9		10		9		10		9		9		9		8		8		9		6		8		7		7	
PROM. HOR. DE LA VELOCIDAD		8		8		8		8		7		8		10		11		13		12		12		13		13		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
NE	9	E	9	E	9	E	9	E	12	E	13	E	12	E	13	E	13	E	11	8	20	E	21.40
NW	33	NW	34	NW	25	NW	13	NW	7	N	5	N	10	N	8	SE	12	NW	12	22	55	NW	13.29
W	10	SW	8	SW	6	S	3	Calma	1	SE	2	SE	13	SE	16	SE	11	NE SE NW	6	12	44	NE	6.15
E	7	E	13	E	15	E	14	E	15	SE	11	SE	13	SE	10	SE	16	E	13	11	27	SE	17.18
E	18	NE	20	NW	13	NE	12	N	18	NW	11	SW	9	SW	6	W	6	NE	13	15	37	NE	8.09
SW	12	SW	11	SW	9	SW	7	SW	3	SW	4	SW	3	W	3	W	3	SW	16	9	20	SW	8.24 11.42
E	9	E	8	SE	9	SE	8	SE	6	SE	9	SE	8	SE	9	SE	10	SE	8	6	22	E	23.10
SE	10	SE	11	SE	14	SE	10	SE	5	SE	5	SE	6	SE	5	SE	8	SE	18	13	44	SE	5.07
SE	8	SE	8	SE	5	SE	5	Calma	1	Calma	0	Calma	1	SE	4	SE	3	S SE	9	7	23	SW	11.11
E	10	E	12	E	10	E	12	E	6	NE	4	NE	8	NE	6	NE	4	E	8	6	13	E	15.02
NW	19	NW	20	NW	20	E	15	NE	9	NE	10	N	14	NW	11	NW	14	NW	14	14	27	N	14.57
W	13	W	12	W	11	NW	8	NW	8	NW	10	NW	11	W	10	S	10	NW	13	14	28	W	11.44
SW	18	SW	12	SW	11	SW	10	SW	7	S	4	SE	4	SE	5	SE	16	W SW	5	12	37	W	11.56
NE	15	NE	14	E	11	E	9	E	7	E	6	E	5	NE	8	NE	8	NE	9	10	24	NE	12.53
NE	14	E	11	E	7	E	6	E	7	E	4	E	7	E	8	E	7	NE	13	10	21	NE	10.20
S	6	S	7	SE	9	SE	4	NE	11	NE	8	NE	8	E	5	NE	9	NE	15	8	17	NE	7.44
SW	7	SW	4	W	5	NW	2	W	3	SW	8	SW	4	SW	4	SW	6	SW	10	6	17	NW	9.00
S	8	SE	9	SE	9	E	12	E	9	E	6	E	6	SE	2	SE	4	S	11	8	22	SW	11.18
E	12	E	14	E	10	E	9	E	10	E	9	E	6	SE	6	SE	6	SE	14	7	17	NE	15.33
E	11	E	11	E	11	E	11	E	12	E	15	NE	13	NE	14	NE	10	E NE	12	12	24	NE	20.32
S	5	S	4	S	4	Calma	1	SE	3	S	4	NE	7	E	3	S	3	S	9	5	16	S	20.58
SE	12	E	11	E	11	E	9	SE	8	SE	9	SE	7	SE	7	SE	6	S	11	8	18	SE	15.27
E	14	E	12	E	11	E	10	SE	6	SE	5	E	6	SE	4	SE	5	E	12	8	18	NE	13.14
NE	19	NE	13	E	9	E	5	E	4	SE	4	SE	7	E	11	E	9	NE	9	7	21	NE	15.14
S	11	S	13	S	10	S	9	S	8	S	8	SE	9	SE	5	SE	5	S SE	7	8	26	S	14.20
S	13	S	10	S	8	SE	5	Calma	1	SE	4	SE	4	SE	4	SE	4	S	18	8	26	S	14.20
E	11	NE	11	NE	11	NE	10	NE	7	NE	6	E	6	E	4	E	6	SE	8	7	14	SE	11.13
NE	12	NE	13	NE	13	E	12	E	9	E	6	E	6	E	7	NE	3	NE	12	8	18	NE	8.34
s/R	–	s/R	–	NE	14	E	8	E	7	E	6	E	6	E	8	E	5	NE	15	11	27	NE	7.18
NE	20	NE	19	NE	18	NE	13	NE	12	NE	14	NE	12	NE	12	NE	13	NE	20	14	26	N	12.44
S	11	S	8	S	6	S	6	S	10	S	5	S	4	Calma	1	s/R	–	S	10	9	32	SW	11.29
E		E		E		E		E		E-SE		E-SE		SE		SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
7		8		9		12		10		8		9		12		13					DIRECCIÓN	DÍA	HORA
	12		12		11		9		7		7		8		7		8	NE	167	10	NW	2	de 13.15 a 13.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1			5	57	11	113	6	6	1	5							1	202
2	6	88	5	66			1	12							12	351		517
3	1	8	6	83			6	75	1	3	2	14	1	10	6	107	1	301
4					13	166	11	101										267
5	1	18	13	243	6	72					2	15	1	6	1	11		365
6	1	12									16	150	2	6	5	41		209
7			3	22	6	45	8	62	1	2	2	4	2	4			2	141
8					6	121	18	198										319
9							9	71	9	58	3	37					3	168
10	8	76	4	22			1	2							6	42	5	144
11	3	38	7	55											14	246		339
12									1	10			10	153	13	167		330
13							3	25	1	4	5	58	5	120	3	48		255
14			9	131	7	60	8	60										251
15	3	34	13	142	8	57												233
16			15	153	1	5	4	22	2	13	1	4						197
17	2	11							2	6	10	69	4	29	4	22		137
18					4	33	4	24	11	112	4	17					1	187
19					7	70	14	90	3	16								176
20			12	158	12	124												282
21			4	29	8	39	2	11	9	32							1	112
22					3	31	10	87	11	71								185
23					12	149	11	48	1	5								202
24			9	98	9	55	6	22										175
25			5	31	5	40	7	45	7	70								186
26							5	21	18	161							1	183
27			5	45	6	44	8	57	5	15								161
28			12	132	5	40	4	18	1	2							2	193
29	1	13	15	223	6	40												276
30	4	72	20	261														333
31	2	16	5	72					10	88	2	22	2	7	1	10	1	216
SUMAS	32	386	167	2023	135	1304	146	1077	94	673	47	390	27	335	65	1045	18	7246
% PREVAL POR VELOCIDAD	5.3		27.9		18.0		14.9		9.3		5.4		4.6		14.4		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		12		10		77		7		8		12		16		1	238

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1		8	3	9	4	1	1	2	2
1 - 2		8	4	9	3	1	1	2	1
2 - 3		10	2	8	5	2		2	
3 - 4		9	4	7	5			2	3
4 - 5	2	10		7	6	3		1	1
5 - 6	2	9	1	4	9			3	2
6 - 7	4	9	1	4	7			4	1
7 - 8	4	9	3	3	6	2		3	1
8 - 9	3	8	5	4	3	2	2	4	
9 - 10	1	8	7	3	3	2	2	5	
10 - 11		9	5	3	3	3	3	5	
11 - 12	1	6	6	5	3	3	2	4	
12 - 13	1	8	6	5	3	2	2	4	
13 - 14	2	5	7	6	3	2	2	4	
14 - 15	1	7	5	6	4	2	2	4	
15 - 16	1	6	7	3	6	3	2	2	
16 - 17	1	6	8	3	5	4	1	2	
17 - 18	1	5	9	5	4	3	2	2	
18 - 19	2	3	12	5	3	2		3	1
19 - 20	2	4	10	5	2	2	1	2	3
20 - 21	1	5	8	8	4	2	2	2	1
21 - 22	2	5	9	9	1	3		1	1
22 - 23	1	4	8	12		2	2	1	1
23 - 24		6	5	13	2	1	2	1	
SUMAS	32	167	135	146	94	47	27	65	18
% de frec. por dirección	4.4	22.8	18.5	20.0	12.8	6.4	3.7	8.9	2.5

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	51.7	32.2	1.58	0	5	4	B.
	10	54.4	34.1	1.65	0	5	4	B.
1	12	57.0	36.5	1.67	1	5	5	
	14	56.2	37.3	1.54	1	5	5	
	15	55.0	37.0	1.46	1	5	5	
	9	54.9	36.2	1.52	1	5	4	B.
	10	58.3	38.9	1.58	0	5	4	B.
2	12	61.6	42.4	1.56	0	5	4	B.
	14	62.6	43.4	1.56	1	5	4	B.
	15	60.9	43.1	1.45	1	5	4	B.
	9	35.5	25.4	0.82	10	0	5	
	10	27.7	23.1	0.37	10	0	5	
3	12	44.5	27.7	1.36	10	1	5	
	14	49.0	30.6	1.50	8	4	5	
	15	51.5	32.0	1.58	9	4	5	
	9	43.4	27.6	1.28	9	1	5	
	10	36.1	26.0	0.82	10	0	5	
4	12	41.6	27.6	1.14	10	0	4	
	14				10	0	4	
	15				10	0	4	
	9				10	0	4	LL.
	10				10	0	4	LL., Ne.
5	12				10	0	4	LL., Ne.
	14				10	0	4	Z., Ne.
	15				10	0	4	Z., Ne.
	9	31.5	21.6	0.80	10	0	5	
	10	52.0	28.7	1.89	10	1	5	Js.
6	12	52.9	30.6	1.81	10	1	5	
	14	47.0	29.5	1.42	7	3	5	
	15	44.7	29.4	1.24	4	3	5	
	9	42.7	27.4	1.24	9	0	4	B.,Ne.
	10	42.2	27.8	1.17	10	0	4	
7	12	38.0	27.5	0.85	9	0	4	
	14	41.0	28.5	1.01	9	0	4	
	15	35.2	26.6	0.70	10	0	4	
	9	47.1	25.3	1.77	7	3	4	
	10	46.4	36.6	0.80	9	3	5	
8	12	48.0	28.0	1.63	8	3	5	
	14	42.0	26.3	1.28	9	3	5	
	15	28.7	22.5	0.50	10	0	5	
	9	35.9	22.5	1.09	10	0	5	
	10				10	0	5	Z.
9	12				10	0	5	Z.
	14	38.5	24.9	1.10	10	1	5	
	15	42.2	22.3	1.62	7	3	5	
	9	48.1	27.0	1.72	1	5	5	
	10	49.5	27.9	1.76	0	5	5	
10	12	52.5	31.0	1.75	1	5	5	
	14	52.5	31.0	1.75	3	5	5	
	15	55.9	32.1	-	4	3	5	
	9	37.0	25.5	0.93	10	2	5	
	10	49.4	28.9	1.67	10	4	5	
11	12	48.0	29.8	1.48	10	2	5	
	14	56.5	32.8	-	6	5	5	
	15	56.2	32.7	1.91	6	3	5	
	9	51.0	31.1	1.62	0	5	5	
	10	53.6	33.2	1.66	0	5	5	
12	12	56.4	35.6	1.69	0	5	5	
	14	56.9	36.0	1.70	0	5	5	
	15	56.5	36.5	1.63	0	5	5	
	9	53.5	33.6	1.62	2	5	4	
	10	55.4	35.0	1.66	2	5	4	
13	12	58.0	37.0	1.70	2	5	5	
	14	54.5	37.1	1.41	4	5	5	
	15	57.1	38.0	1.55	6	3	5	
	9	49.0	38.0	0.89	0	5	4	
	10	51.0	29.0	1.79	0	5	4	
14	12	52.7	30.2	1.83	0	5	5	
	14	54.5	37.1	1.41	0	5	5	
	15	52.4	30.7	1.76	0	5	5	
	9	27.0	20.0	0.57	10	0	4	
	10	30.3	21.6	0.71	10	0	4	
15	12	34.5	24.3	0.83	10	0	4	
	14	43.2	28.8	1.17	8	2	4	
	15	51.0	31.4	1.59	3	3	5	
	9	46.0	28.5	1.42	9	0	3	
	10	36.0	26.0	0.81	10	0	4	
16	12	49.0	31.0	1.46	10	1	3	
	14	41.8	29.3	1.01	9	1	3	
	15	53.4	32.5	1.70	2	5	4	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	47.0	30.2	1.36	9	1	3	
	10	43.2	30.1	1.06	9	1	4	
17	12	50.0	32.3	1.44	8	2	4	
	14	56.6	35.3	1.73	6	5	5	
	15	49.4	34.1	1.24	4	5	5	
	9	50.1	29.2	1.70	7	5	4	
	10	55.5	31.7	-	8	3	4	
18	12	52.7	32.7	1.63	8	5	5	
	14	56.5	35.0	1.75	7	5	5	
	15	52.5	34.0	1.50	7	5	5	
	9	37.0	26.6	0.84	3	5	5	
	10	47.5	29.0	1.50	3	3	5	
19	12	54.5	32.2	1.81	7	3	5	
	14	54.0	32.8	1.72	5	3	3	
	15	43.6	29.5	1.15	4	3	4	
	9	51.0	31.2	1.61	10	4	5	
	10	55.5	33.4	1.80	7	5	5	
20	12	55.6	35.2	1.66	7	3	5	
	14	49.5	34.3	1.24	8	3	5	
	15	57.6	36.5	1.72	8	3	5	
	9	28.5	23.5	0.41	10	0	4	
	10				10	0	4	LL.
21	12				10	0	4	
	14				10	0	4	Z.
	15	27.3	22.0	0.43	10	0	3	
	9	27.7	20.2	0.61	10	0	4	
	10	24.4	19.5	0.40	10	0	4	
22	12	53.2	28.5	-	7	3	4	
	14	52.0	30.5	1.75	0	5	5	
	15	51.2	30.6	1.67	0	5	5	
	9	48.0	25.7	1.81	7	2	4	
	10	37.5	24.5	1.06	7	3	4	
23	12	49.5	28.7	1.69	6	3	5	
	14	51.2	29.5	1.76	1	5	5	
	15	49.8	29.0	1.69	0	5	5	
	9	48.5	29.0	1.58	0	5	5	
	10	54.0	31.2	1.85	3	5	5	
24	12	42.5	29.0	1.10	9	3	5	
	14	54.0	32.3	1.76	7	5	5	
	15	52.8	32.0	1.69	3	5	5	
	9	31.0	24.5	0.53	9	0	4	
	10	39.8	27.3	1.01	10	0	4	
25	12	31.7	26.0	0.46	10	0	4	
	14	29.5	24.0	0.45	10	0	4	
	15				10	0	2	LL.
	9				10	0	4	LL.
	10	25.9	21.7	0.34	10	0	4	
26	12	40.6	25.3	1.24	10	0	4	
	14				10	0	3	LL.
	15	29.2	21.7	0.61	10	0	4	
	9	45.0	25.0	1.63	0	5	5	
	10	49.4	27.0	1.82	2	5	5	
27	12	42.4	27.4	1.22	7	3	5	
	14	42.5	28.4	1.15	7	3	5	
	15	42.5	28.5	1.14	6	3	4	
	9	45.6	26.7	1.54	6	4	5	
	10	50.0	28.2	1.77	7	4	5	
28	12	41.0	26.7	1.16	7	4	5	
	14	40.6	27.5	1.06	5	5	5	
	15	45.7	28.5	1.40	3	5	5	
	9	49.0	27.6	1.74	1	5	5	
	10	43.6	27.4	1.32	6	3	5	
29	12	47.3	30.0	1.41	8	3	5	
	14	46.5	30.7	1.28	7	3	5	
	15	56.1	33.0	1.88	6	3	5	
	9	50.7	30.0	1.68	0	5	5	
	10	50.5	30.5	1.63	3	4	5	
30	12	54.1	33.5	1.67	6	3	5	
	14	55.5	34.1	1.74	7	3	5	
	15	53.0	33.5	1.58	4	5	5	
	9	51.7	32.0	1.60	9	3	4	
	10	57.0	34.0	1.87	6	3	4	
31	12	42.3	27.6	1.20	9	2	4	
	14	35.7	25.5	0.83	10	0	4	
	15	23.6	21.0	0.21	10	0	4	

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	0.5		12.0	14.4	83
2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.6	14.4	88
3		0.1	0.7					0.8	1.0	0.9	1.0	1.0	1.0	0.7	7.2	14.4	50
4	0.5	1.0	0.7	0.5	0.4										3.1	14.4	22
5															0.0	14.4	00
6					0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.8	9.2	14.4	64
7	0.5	0.3	0.3		0.8	0.6	0.9	0.1	0.5	0.3		0.5	0.6		5.4	14.3	38
8				0.9	1.0	1.0	0.9	1.0	0.8	1.0		0.8	1.0	0.7	9.1	14.3	64
9		0.1		0.1	0.1	0.3	0.9	0.2	0.9	1.0	1.0	1.0	0.9	0.2	6.7	14.3	47
10	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	0.8	13.1	14.3	92
11	0.4	1.0	1.0	1.0	0.7	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.7	14.3	89
12	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.6	14.3	88
13	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	0.3	12.7	14.3	89
14	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	13.0	14.2	92
15								0.2	0.7	0.8	1.0	1.0	1.0	0.5	5.2	14.2	37
16		0.2	0.8	0.7	0.5	0.1		0.1		0.6	1.0	1.0	1.0	0.2	6.2	14.2	44
17		0.2	0.1	0.8	0.4	0.4	0.5	1.0	0.8	1.0	0.2	0.2	0.2	0.2	6.0	14.2	42
18		0.3	0.6	1.0	1.0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.1	14.2	78
19			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	14.1	79
20	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	14.1	72
21															0.0	14.1	00
22							0.6	1.0	1.0	1.0	1.0	1.0	0.2		5.8	14.1	41
23		0.1		0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	10.2	14.0	73
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	0.2		11.3	14.0	81
25		0.2	0.3					0.1							0.6	14.0	04
26							0.1	0.1	0.1	0.2		0.2	0.3		1.0	14.0	07
27	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.5	13.9	90
28	0.2	1.0	1.0	0.9	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	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.8	13.8	93
31			0.3	1.0	1.0	1.0	1.0	1.0	0.2	0.2					5.7	13.8	41
Medias	0.1	0.5	0.5	0.6	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.7	0.3	8.5	14.2	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	22.8	28.2	25.6	22.2	25.9	25.0	21.8	22.8	23.6	22.4	22.6	23.3	24.3	24.2	24.3
2	24.9	29.2	27.8	23.7	26.2	26.4	23.1	23.8	24.7	23.5	23.6	24.2	24.7	24.8	24.9
3	25.2	26.7	26.6	24.5	25.2	25.6	24.0	23.9	24.2	24.2	24.0	24.0	25.3	25.3	25.2
4	23.4	25.0	23.6	23.2	24.2	23.4	23.2	23.2	23.0	23.8	23.4	23.2	25.2	25.0	24.8
5	21.8	21.9	22.3	21.0	21.1	21.6	20.5	20.3	20.8	21.6	21.2	21.3	24.1	23.5	23.3
6	22.3	26.0	24.6	21.3	23.8	23.8	20.6	21.3	22.3	21.2	21.4	22.0	23.1	23.1	23.2
7	22.0	24.7	23.9	21.6	23.2	23.2	21.4	21.6	22.0	22.0	21.8	22.0	23.4	23.4	23.4
8	21.0	24.4	23.1	20.4	22.8	22.8	20.2	21.0	21.6	21.6	21.5	21.8	23.4	23.4	23.3
9	22.0	23.9	23.4	21.4	22.7	22.8	21.0	21.2	21.8	21.6	21.6	21.8	23.3	23.3	23.3
10	21.7	26.6	24.6	21.1	24.1	23.7	21.0	21.5	22.4	21.7	21.6	22.2	23.4	23.3	23.4
11	22.8	26.0	24.8	22.0	23.9	23.8	21.7	22.0	22.5	22.2	22.1	22.3	23.7	23.7	23.6
12	23.2	28.2	26.6	22.6	25.7	25.5	22.0	22.8	23.7	22.4	22.6	23.1	23.8	24.0	24.0
13	25.0	29.0	27.4	24.0	26.8	26.4	23.2	24.0	24.7	23.4	23.6	24.0	24.5	24.7	24.8
14	23.8	27.8	25.4	23.7	26.1	25.1	23.7	23.8	24.2	24.0	23.8	24.0	25.2	25.1	25.1
15	23.6	25.0	24.8	23.2	23.7	24.1	23.1	22.9	23.2	23.7	23.4	23.3	25.2	25.1	24.9
16	23.8	26.2	25.9	23.2	24.7	25.0	22.7	23.1	23.6	23.2	23.2	23.4	24.8	24.8	24.8
17	24.6	27.6	26.8	23.9	25.8	25.8	23.2	23.8	24.4	23.6	23.7	24.0	25.0	25.0	25.0
18	25.0	28.1	27.0	24.3	26.4	26.2	23.8	24.2	24.8	24.0	24.1	24.4	25.4	25.4	25.4
19	24.6	28.2	26.6	24.3	26.5	26.0	24.0	24.3	24.8	24.4	24.2	24.5	25.6	25.6	25.6
20	25.2	29.8	27.9	24.6	27.5	26.9	24.2	24.6	25.4	24.5	24.5	24.8	25.8	25.8	25.8
21	25.8	26.0	26.1	25.0	25.3	25.3	24.6	24.4	24.4	24.8	24.5	24.5	26.0	25.9	25.9
22	24.0	26.3	25.0	23.7	25.2	24.8	23.4	23.6	24.0	24.0	23.9	24.0	25.7	25.6	25.4
23	22.9	27.4	25.0	22.8	25.5	24.6	22.8	23.2	23.8	23.6	23.4	23.8	25.4	25.3	25.2
24	23.2	28.7	26.4	22.7	26.1	25.6	22.8	23.4	24.2	23.5	23.4	24.0	25.2	25.2	25.2
25	25.0	26.7	24.8	24.2	25.3	24.3	23.6	23.8	23.8	24.0	23.9	24.0	25.4	25.4	25.4
26	23.6	25.0	24.8	23.2	23.9	24.1	22.9	22.8	23.2	23.5	23.3	23.4	25.2	25.1	25.0
27	22.0	27.3	25.1	21.9	25.2	24.6	22.2	22.6	23.4	23.0	22.8	23.3	24.9	24.8	24.7
28	23.0	26.8	25.0	22.4	24.9	24.5	22.5	22.8	23.4	23.2	23.0	23.4	24.8	24.8	24.8
29	22.7	27.0	25.6	22.5	24.9	24.7	22.6	22.8	23.7	23.2	23.1	23.4	24.9	24.9	24.7
30	23.6	28.8	26.6	23.2	26.2	25.6	22.8	23.4	24.2	23.4	23.4	23.8	25.0	25.0	25.0
31	24.9	28.2	24.9	24.3	26.3	24.7	23.7	24.1	24.0	24.0	24.0	24.0	25.3	25.3	25.3
Prom.	23.5	26.8	25.4	23.0	25.0	24.7	22.7	23.0	23.5	23.2	23.1	23.4	24.7	24.7	24.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1	5.5	5.6	2.4	3.3	0	0.7	3.5	3.7	11.6							8278
2					0	4.4	7.8	7.5	16.9	H. 9	10.2	7.0	14.6			8270
3	20.8	21.4	20.7	19.5	2	1.6	1.4	1.5	4.8							8284
4					2	1.9	2.5	1.0	3.8							8314
5	77.2	77.3	64.0	67.2	2	0.3	0.1	0.2	0.5							8232
6	50.6	50.6	49.0	43.4	2	0.2	1.2	1.8	3.5							8087
7					2	0.5	1.8	1.9	4.5	H.10	21.1	20.5	23.5	17.1	14.1	8115
8	50.7	50.0	41.9	46.0	2	0.8	1.2	0.9	2.5							8063
9					2	0.4	0.7	1.0	1.9							8045
10					2	0.2	1.8	2.2	4.8							8052
11					1	0.8	2.5	2.6	6.6							8038
12					0	1.5	2.9	3.1	7.5	H.11	17.7	18.2	25.1			8027
13					0	1.5	4.3	2.9	8.6							8015
14					0	1.4	2.9	2.5	6.8							8053
15					0	1.4	1.4	2.0	4.6							8060
16	0.0	0.0	0.0	0.0	0	1.2	1.1	1.4	3.1							8045
17					0	0.6	1.9	1.6	4.3	H.12	9.6	12.8	23.1			8045
18					0	0.8	1.9	2.0	4.3							8046
19					0	0.4	1.6	1.7	4.2							8086
20					0	0.9	2.5	2.0	5.3							8078
21	0.2	0.5	0.0	0.1	2	0.8	0.4	0.3	1.4							8075
22	8.4	8.5	8.1	7.8	2	0.7	0.7	1.9	3.4	H.13	13.7	11.8	22.8			8005
23					1	0.8	1.7	1.8	4.0							8038
24					0	0.5	1.8	1.9	4.5							8040
25					2	0.8	1.3	0.4	2.1							8048
26	6.7	6.8	6.5	6.1	2	0.4	0.5	0.6	1.7							8058
27	3.6	4.0	3.8	3.3	2	0.6	1.6	1.2	3.3	H.14	16.8	13.2	21.7	22.4		8096
28					1	0.5	1.8	1.5	4.4							8122
29					0	1.1	2.0	1.9	4.8							8121
30					0	0.9	2.3	2.7	7.0							8123
31					0	2.0	1.9	1.1	3.5							8114
Prom.	223.7	224.7	196.4	196.7	-	1.0	2.0	1.9	4.9	-	-	-	-	-	-	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		
24.3	24.2	24.1	22.6	22.6	22.6	20.1	18.7	13.8	Ca. m. y t., Cn. n.
24.6	24.7	24.7	22.6	22.6	22.6	20.2	18.8	21.0	Ca. m. y t., Cn. n., B. t., R. n.
25.2	25.2	25.1	22.7	22.7	22.7	20.3	18.8	20.2	Cn. m. y t., Ca. n.,LL.madrug., Ru.madrug.,Ne.r.
25.2	25.0	24.9	22.8	22.8	22.9	20.3	18.7	13.1	Cn. m. t. y n., LL. t. y n., Ru. n.
24.4	23.8	23.6	23.2	23.1	23.0	20.0	18.9	17.8	Cn. m. t. y n., LL. m. y t., Z. t. y n., Ne. t.
22.9	23.0	23.0	23.0	23.0	22.9	20.7	19.0	18.5	Cn. m. y t., Ca. n., r. n., Js. m.
23.4	23.5	23.4	22.8	22.8	22.8	20.5	19.0	11.0	Cn. m. t. y n., B. m., R. n., LL. n.
23.5	23.5	23.3	22.8	22.7	22.8	21.0	19.1	15.4	Cn. m. y t., Ca. n., Ru. m., R.r. n.
23.4	23.4	23.3	22.7	22.7	22.7	20.8	19.1	14.4	Cn. m. y t., Ca. n., CH. m., r. n.
23.4	23.5	23.4	22.6	22.7	22.7	20.9	19.2	10.9	Ca. m. t. y n., r. m. y n.
23.8	23.8	23.8	22.7	22.6	22.6	20.9	19.2	13.9	Cn. m. y t., Ca. n., r. m. y n., R. n.
24.0	24.2	24.1	22.7	22.7	22.7	20.7	19.3	16.1	Ca. m. y t., Cn. n., r. m. y n., R. n.
24.6	24.8	24.8	22.7	22.8	22.8	20.8	19.3	17.2	Ca. m. t. y n., r. m.
25.2	25.3	25.1	22.9	22.8	23.0	20.9	19.3	12.0	Ca. m. t. y n., r. m.,B. m.
25.3	25.3	25.1	23.0	23.1	23.1	20.9	19.3	14.7	Cn. m. y t., Ca. n., r. m. y n., B. m.
25.1	25.0	24.9	23.2	23.3	23.2	20.9	19.3	-	Cn. m. y t., Ca. n., Z. m.
25.1	25.1	25.0	23.3	23.3	23.3	20.9	19.3	-	Cn. m. y t., Ca. n., r. m.
25.3	25.4	25.3	23.3	23.3	23.3	21.0	19.3	16.2	Cn. m. y t., Ca. n., r. m.
25.5	25.6	25.5	23.4	23.6	23.4	21.0	19.4	13.5	Cn. t., Ca. m. y n., r. m., N. m.
25.8	25.8	25.7	23.5	23.9	23.5	21.0	19.5	20.5	Cn. m. t. y n., r. m., R. n., Z. n.
26.0	25.8	25.8	23.5	23.4	23.6	21.0	19.5	18.5	Cn. m. t. y n., M. m., LL. m. y t., R. n.
25.6	25.6	25.3	23.6	23.7	23.7	21.0	19.6	15.9	Cn. m. t. y n.
24.3	25.4	25.1	23.4	23.8	23.7	21.2	19.5	14.0	Cn. m., Ca. t. y n., r. m.
25.3	25.4	25.2	23.7	23.7	23.8	21.2	19.5	12.5	Cn. m. t. y n., r. m.
25.5	25.5	25.4	23.7	23.8	23.8	21.1	19.5	17.9	Cn. m. t. y n., r. m., Ru. t., LL. t.
25.3	25.1	25.0	23.8	23.8	23.8	21.3	19.5	19.0	Cn. m. t. y n., Z. m., LL. t.
24.8	24.7	24.5	23.7	23.7	23.7	21.4	19.6	9.7	Ca. m. y n., Cn. t., r. m.
24.8	24.8	24.7	23.7	23.6	23.7	21.4	19.6	14.0	Ca. m. y n., Cn. t., r. m.
24.8	25.0	24.7	23.6	23.7	23.6	21.5	19.7	12.8	Ca. m. y n., Cn. t., r. m.
25.0	25.1	25.0	23.7	23.7	23.7	21.5	19.7	16.1	Ca. m. y n., Cn. t., r. m.
25.3	25.3	25.3	23.7	23.7	23.7	21.5	19.8	-	Cn. m. t. y n., CH. t., Ru. n.
24.7	24.8	24.6	23.2	23.2	23.2	20.9	19.3	15.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	54.4	58.2	1	8-9	46.6	2	18	22.2	27.4	17.0	33.9	2	15	13.7	10	5	7.8	14.4	55
2ª	55.2	61.1	15	9	49.9	13	16-17	23.9	29.6	18.6	33.5	13	16	14.5	14	5	10.1	14.2	71
3ª	55.5	62.8	29	8	48.7	21	16	21.6	26.3	16.8	29.4	30	14	11.7	31	24	7.8	14.0	55
MES	55.0	62.8	29	8	46.6	2	18	22.5	27.7	17.4	33.9	2	15	11.7	31	24	8.5	14.2	60

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA				
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas			Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Hora	Velocidad Máxima	Dirección	Día						
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h		Km/h			mm.	mm.		mm.		
1ª	74	100	10	22	1	13.8	22.0	8.0	SE	9	44	2	42	2 13-14	55	NW	2	13.29	204.9	77.3	5	16.0	8	4-5
2ª	71	99	19	37	12	15.0	19.7	8.5	NE	11	28	13	26	13 12-13	37	W	13	11.56	-	-	-	-	-	-
3ª	78	100	22	43	22	14.5	19.8	10.0	NE	12	28	29-30	22	29 7-8	32	SW	31	11.29	19.8	8.5	22	8.0	21	8-9
MES	74	100	10,22	22	1	14.5	22.0	8.0	NE	12	44	2	42	2 13-14	55	NW	2	13.29	224.7	77.3	5	16.0	8	4-5

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	4	-	-	-	-	-	-	1	-	-	-	1	3	-	6	1
2ª	9	-	-	-	-	-	-	-	-	-	-	2	1	-	10	-
3ª	7	-	-	-	-	-	-	-	-	-	-	-	4	-	8	-
MES	20	-	-	-	-	-	-	1	-	-	-	3	8	-	24	1

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III FEBRERO 1948 N.° 2

RESUMÉN MENSUAL

Debido a la aeromasa polar mencionada a fines del mes anterior, se produce ya en la madrugada del 1° la temperatura más baja del mes con 7.2° C. Toda la década acusa buen tiempo, el que sólo es interrumpido pocas horas, por una zona lluviosa que pasa por el Observatorio el 4 por la mañana con tormentas eléctricas y lluvias. Este estado del cielo permanece firme aún cuando el 6 por la tarde llega un nuevo frente de aire polar seco. En los días siguientes y en estas condiciones alcanza la presión sus importes máximos (765.7 mm. el día 8) y la humedad absoluta el más bajo del mes con 5.4 mm.

Aunque en general continúa en la segunda década el buen tiempo, puede notarse ya un cambio en la circulación general.La afluencia del aire fresco y seco es reemplazado por los provenientes de los sectores N y E, lo que implica un aporte de aire más cálido y húmedo y consiguientemente contínuo ascenso de la humedad absoluta, la que ya el 17 duplica el promedio diario. Por la tarde y noche de este mismo día el aire tropical es sustituído por una masa de aire fresco de origen polar; el pasaje de este frente frío viene acompañado por una tormenta de polvo seguida por descargas eléctricas y chaparrones. No obstante el 19 gira el viento otra vez al N, razón por la cual temperatura y humedad ascienden rápidamente.

En este aire tropical se registra el 22 la máxima mensual de la temperatura con 34.2° C. En la madrugada del 23 un primer empuje de aire marítimo origina tiempo más fresco logrando que la temperatura no sobrepase en este verano otra vez el límite de 30.0° C. El mismo día aumenta considerablemente la nubosidad media, indicio de que se acerca una zona frontal lluviosa. Esta llega desde el N hasta el Río de la Plata el 25 ocasionando durante todo el día fuertes lluvias y tormentas. Con 61 mm. de lluvia,la humedad absoluta y la presión registran respectivamente su máximo y mínimo mensual. En la madrugada del 26 un nuevo y fuerte empuje de aire fresco pasa por San Miguel. Se restablece en consecuencia el buen tiempo el que se mantiene así hasta fin de mes.

El promedio mensual de la presión corresponde en este mes a la normal, mientras que el de la temperatura es de 1.0° C por debajo de dicho valor, a causa de los fuertes empujes de aire polar. Por esta circunstancia se registraron este mes más horas de sol que lo 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	–	–	–	–	–	–	–	89	117	107	101	80	56	16	7
2	40	56	85	98	71	75	96	121	91	96	94	95	85	75	60
3	30	32	50	42	48	69	114	66	69	60	50	50	60	52	54
4	42	30	32	36	32	–	–	–	–	96	75	64	64	52	44
5	16	34	44	50	42	44	66	103	107	117	107	89	66	20	-22
6	94	128	96	94	80	85	73	50	34	- 4	-57	-15	10	10	10
7	50	71	82	75	75	107	107	128	80	58	26	26	34	26	20
8	30	36	44	44	46	46	62	66	85	78	46	61	62	48	10
9	62	60	44	50	48	50	69	110	64	42	30	16	50	40	58
10	56	42	34	42	38	54	73	66	69	44	- 4	-37	-118	-∞	-∞
11	44	50	50	50	42	54	66	96	54	44	30	47	20	2	34
12	46	42	42	50	46	60	69	52	48	30	9	36	62	42	50
13	14	42	36	16	22	75	98	56	80	73	96	90	66	60	58
14	94	105	103	103	62	73	87	56	62	78	69	49	42	50	42
15	52	50	46	36	42	64	94	10	14	20	24	30	30	- 9	0
16	40	64	71	69	50	46	54	42	38	50	46	38	56	36	26
17	50	66	54	71	46	30	24	18	7	34	26	38	40	22	22
18	–	–	–	–	56	85	110	142	126	89	89	79	69	66	62
19	89	42	38	36	28	12	26	46	58	66	62	58	58	62	62
20	20	24	24	20	18	24	22	18	34	46	54	54	44	46	52
21	28	30	24	24	30	46	56	54	52	54	52	45	52	56	56
22	62	54	34	36	34	40	89	80	48	62	52	45	36	42	42
23	30	30	30	28	34	48	48	0	-136	-48	-141	-∞	-∞	-∞	-104
24	22	12	16	–	–	–	50	-16	-54	-50	-32	-33	-32	- 5	38
25	±∞	±∞	–	–	–	118	37	+∞	163	-12	±∞	78	139	155	101
26	+∞	102	39	33	25	37	34	54	56	87	123	128	117	105	101
27	9	14	20	12	9	30	80	117	89	78	91	87	87	78	85
28	38	30	40	42	38	24	53	69	75	94	89	76	64	64	66
29	52	46	58	60	50	52	98	144	135	149	126	83	75	66	71
30															
31															
Prom.	46.4	48.6	51.4	48.4	40.5	52.9	81.1	72.0	66.9	71.4	69.3	60.9	58.8	51.6	50.5

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	–	–	–	–	9.58	8.98	18.56	1.06	0.96	1.01	1.97	0.95	1.17	1.09	2.26	1.07
2	4.10	4.14	8.24	1.00	7.30	8.35	15.65	0.87	0.83	0.63	1.46	1.32	1.15	1.14	2.29	1.01
3	9.61	12.06	21.66	0.79	10.64	10.14	20.77	1.04	1.32	1.56	2.88	0.85	1.52	1.55	3.07	0.98
4	8.64	8.33	16.98	1.04	9.37	9.90	19.27	0.94	0.71	0.62	1.33	1.14	1.41	1.42	2.83	0.99
5	7.60	7.86	15.46	0.97	10.48	11.18	21.66	0.94	1.07	1.20	2.27	0.89	1.31	1.61	2.92	0.81
6	6.83	10.78	17.61	0.63	9.94	11.44	21.39	0.87	0.83	1.37	2.20	0.60	1.36	1.49	2.85	0.91
7	4.01	5.78	9.80	0.69	9.02	9.72	18.73	0.93	0.67	0.77	1.44	0.87	1.39	1.75	3.14	0.79
8	3.95	4.44	8.40	0.88	3.80	5.20	9.01	0.72	0.55	0.57	1.12	0.96	0.55	0.63	1.18	0.87
9	3.18	4.72	7.90	0.68	3.71	3.71	7.41	1.00	0.46	0.56	1.02	0.82	0.47	0.51	0.98	0.92
10	5.56	6.44	12.00	0.87	3.76	4.41	8.18	0.83	0.80	0.99	1.79	0.81	0.50	0.55	1.05	0.91
11	7.04	9.30	16.34	0.76	3.65	4.05	7.71	0.90	1.04	1.14	2.18	0.91	0.45	0.49	0.94	0.92
12	6.82	8.71	15.53	0.78	2.75	3.58	6.34	0.76	0.96	1.07	2.03	0.90	0.41	0.41	0.82	1.00
13	7.56	7.73	15.30	0.97	8.15	7.02	15.17	1.16	0.90	1.24	2.14	0.72	1.16	1.09	2.25	1.06
14	6.47	7.42	13.89	0.88	6.26	7.56	13.82	0.83	0.84	0.84	1.68	1.00	0.71	0.80	1.51	0.89
15	12.45	14.56	27.02	0.85	8.25	7.15	15.40	1.17	1.69	1.82	3.51	0.93	1.10	1.08	2.18	1.02
16	8.76	14.72	23.48	0.59	7.31	5.57	12.88	1.31	1.95	1.79	3.74	1.09	0.99	0.63	1.62	1.57
17	9.23	12.81	22.04	0.72	8.25	7.15	15.40	1.17	1.44	1.28	2.72	1.12	1.62	1.67	3.29	0.97
18	7.82	8.32	16.14	0.94	8.64	9.25	17.89	0.94	1.04	1.01	2.05	1.03	1.22	1.38	2.60	0.88
19	10.01	6.85	16.86	1.46	10.25	10.86	21.11	0.94	1.22	1.32	2.54	0.92	1.44	1.27	2.71	1.13
20	10.06	12.12	22.18	0.83	13.00	13.99	27.00	0.92	1.70	1.55	3.25	1.10	1.66	1.83	3.49	0.91
21	8.64	10.05	18.69	0.86	9.61	9.04	18.65	1.06	1.24	1.31	2.55	0.95	1.10	1.05	2.15	1.05
22	9.52	11.18	20.70	0.84	9.29	9.22	18.51	1.01	1.11	1.50	2.61	0.74	1.32	1.33	2.65	0.99
23	2.02	2.45	4.46	0.84	4.25	4.22	8.47	1.02	0.25	0.26	0.51	0.96	0.42	0.47	0.89	0.89
24	6.00	6.30	12.30	0.95	4.22	4.43	8.65	0.93	0.75	0.79	1.54	0.95	0.40	0.37	0.77	1.08
25	5.70	7.68	13.38	0.74	–	–	–	–	0.61	0.52	1.13	1.17	–	–	–	–
26	4.75	7.11	11.86	0.67	7.43	8.85	16.28	0.85	0.76	0.79	1.55	0.96	0.92	1.10	2.02	0.84
27	10.15	12.50	22.66	0.82	8.78	10.17	18.94	0.86	1.40	1.48	2.88	0.94	1.21	1.29	2.50	0.94
28	6.66	10.48	17.14	0.63	6.81	7.34	14.15	0.93	1.12	1.22	2.34	0.92	0.94	0.97	1.91	0.97
29	5.22	7.28	12.50	0.72	7.90	7.78	15.68	1.02	0.74	0.82	1.56	0.90	1.14	1.10	2.24	1.04
30																
31																
Prom.	7.08	8.65	15.73	0.84	7.58	7.87	15.45	0.96	1.00	1.07	2.07	0.94	1.04	1.07	2.11	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
34	36	40	40	44	40	42	30	32		144	-30	174	3*
38	34	40	38	60	34	42	62	54	67.8	153	-10	163	1
50	56	85	56	42	71	38	40	42	55.2	158	0	158	0
40	42	44	44	80	60	46	52	7		∞	-∞	-	3*
-16	- 4	28	30	46	52	80	126	105		∞	-110	-	2
- 2	5	12	18	22	26	28	48	34		261	-136	397	2
-22	-46	-12	44	62	50	36	34	34		153	-154	307	2
-48	-98	-37	26	54	87	80	89	64		133	-173	306	2
69	50	38	9	20	34	46	42	44		151	-44	195	2
-14	28	34	32	38	32	44	42	38		110	-∞	-	3*
40	-10	14	44	30	28	30	58	66		146	-73	219	2
82	28	22	71	66	62	71	94	46		149	-46	195	2
58	50	59	73	50	64	71	89	98	62.2	142	5	137	0
54	48	39	58	85	54	54	60	73	66.7	158	-48	206	1
22	42	48	42	38	28	62	60	66	38.0	135	-85	220	1
50	56	65	44	52	32	62	30	48	48.5	126	-48	174	1
38	40	30	30	10	-	-	-	-		110	-108	218	3*
50	50	48	44	38	62	52	153	128		192	- 7	199	3*
62	50	54	48	40	30	26	16	26	45.6	135	-23	158	1
52	46	50	38	38	28	32	28	26		75	0	75	0
50	42	54	58	85	126	135	110	78	58.2	155	0	155	0
42	42	34	42	30	20	32	32	34	44.3	174	- 5	179	1
-67	-16	36	60	94	50	54	42	28		130	-∞	-	3*
62	28	58	24	24	18	26	89	73		169	-140	309	2*
-	-	-	-	-	37	25	30	+∞		∞	-∞	-	3*
75	78	56	34	18	20	32	12	7		158	- 7	165	1*
107	91	78	50	42	32	24	30	62	58.4	155	- 7	162	1
94	87	86	-	-	-	62	94	71		146	14	132	0*
54	46	75	38	69	46	71	94	82	76.7	192	0	192	0
53.4	50.6	57.4	49.7	53.9	48.8	56.1	56.6	60.3	56.5				

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^-
94	85	40	5.58	3.01	920	907	1827	1.01	0.42	1.21
91	103	36	5.01	2.75	341	553	894	0.62	1.08	2.50
52	46	98	4.42	10.03	1100	964	2064	1.14	1.61	1.13
60	66	46	2.93	4.34	1079	1100	2179	0.98	0.85	1.78
101	89	26	6.73	2.53	920	1079	1999	0.85	0.21	-
-52	-25	12	-1.83	1.14	1020	855	1875	1.19	1.07	1.62
30	28	-14	1.34	-1.46	735	1136	1871	0.65	0.27	0.32
44	56	-56	2.09	-2.20	509	675	1184	0.75	0.57	0.88
40	26	56	0.88	1.83	735	454	1189	1.62	0.53	1.21
-18	-14	38	-0.84	1.33	853	553	1406	1.54	0.86	1.07
32	52	18	3.78	5.64	1350	1020	2370	1.32	1.46	0.18
22	22	24	1.49	0.66	849	920	1769	0.92	0.85	1.08
112	101	56	7.20	4.20	1165	681	1846	1.71	1.53	0.54
66	48	18	2.69	0.91	1136	1165	2301	0.98	0.96	0.51
26	26	32	3.04	2.32	731	1247	1978	0.59	1.33	1.17
42	42	69	5.24	3.73	1079	1104	2183	0.98	-	1.61
26	38	20	3.44	2.19	1104	1136	2240	0.97	-	1.61
94	75	48	5.12	4.16	737	486	1223	1.52	1.23	0.37
60	54	54	4.57	4.88	1534	1136	2670	1.35	1.16	0.48
62	54	46	5.85	5.35	1477	920	2397	1.60	0.99	0.42
48	44	46	3.74	3.30	859	1023	1882	0.84	0.69	0.71
52	46	36	4.00	3.18	1132	551	1683	2.05	0.96	1.79
-173	-∞	10	-	0.30	429	339	768	1.26	0.93	-
-39	-23	56	-1.18	1.44	737	670	1407	1.10	0.25	0.57
±∞	+∞	-	-	-	308	849	1157	0.36	0.66	1.09
123	121	62	6.25	4.17	853	675	1528	1.26	1.08	-
91	89	85	8.54	7.08	855	1020	1875	0.84	1.14	1.96
85	80	103	6.24	6.56	1136	490	1626	2.32	1.12	0.40
105	87	50	4.52	3.73	614	226	840	2.72	0.33	-
45	52	39	3.73	3.11	906	825	1732	1.21	0.89	1.05

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	54.4	54.6	54.8	54.6	55.4	55.9	56.2	56.1	55.5	55.3	55.1	54.9	54.3	54.0	53.9
2	55.8	56.0	55.6	55.6	55.8	56.0	56.2	56.3	56.1	55.9	55.5	55.1	54.4	54.1	53.4
3	53.7	53.4	53.4	53.5	53.9	53.8	53.6	53.4	53.3	53.3	53.1	52.8	52.4	51.8	51.1
4	50.7	50.3	50.3	49.8	50.4	52.7	53.1	51.2	51.2	50.7	51.2	51.4	51.7	51.1	50.9
5	52.6	52.3	52.0	52.3	53.0	53.3	53.1	53.3	53.7	53.5	53.3	53.1	52.5	52.0	51.1
6	49.1	49.0	49.1	49.0	49.0	49.1	50.3	50.2	50.4	50.4	50.3	50.4	50.8	50.8	50.9
7	56.5	56.7	57.6	58.2	58.7	59.0	59.5	60.0	60.3	60.0	59.8	60.2	60.4	60.7	60.9
8	63.9	63.9	64.0	64.0	64.6	64.9	65.3	65.6	65.5	65.7	65.4	64.9	64.7	64.0	63.3
9	63.9	63.5	63.2	63.3	63.3	63.6	63.7	63.5	63.3	63.0	62.6	62.1	61.7	61.2	60.6
10	61.3	61.4	61.7	61.8	62.3	62.8	63.2	63.4	63.5	63.4	63.3	63.1	62.7	62.5	61.9
11	62.6	62.6	62.6	62.7	63.0	63.2	63.5	63.6	63.3	63.0	62.8	62.1	61.8	61.4	60.8
12	59.7	59.7	59.6	59.5	59.8	59.9	59.7	60.0	59.7	59.3	59.1	58.7	58.2	58.0	57.5
13	57.3	57.3	56.9	56.8	57.2	57.6	57.8	57.8	57.6	57.6	57.5	57.3	57.2	56.8	56.6
14	58.2	58.1	58.1	58.3	58.7	59.2	59.8	60.1	60.1	60.2	60.2	59.9	59.8	59.4	59.1
15	59.8	59.6	59.6	59.8	60.0	60.2	60.3	60.4	60.5	60.3	59.9	59.4	58.8	58.2	57.8
16	58.2	58.2	58.2	58.1	58.4	59.0	59.2	59.2	59.0	58.6	58.3	57.8	57.1	56.7	56.4
17	55.1	54.7	54.1	54.0	54.0	54.3	54.7	54.7	54.5	54.1	53.6	53.0	52.6	52.0	51.6
18	53.4	53.8	54.0	54.7	54.9	56.5	57.4	58.0	58.5	59.1	59.5	59.8	59.8	60.0	59.9
19	61.9	62.1	62.2	62.4	62.7	63.1	63.4	63.4	63.4	63.2	62.7	62.3	61.8	60.9	60.2
20	59.6	59.7	59.5	59.7	59.6	59.8	59.9	60.0	59.7	59.4	59.2	58.6	58.3	57.8	57.3
21	57.0	56.8	56.6	56.6	56.8	57.1	57.3	57.5	57.5	57.3	57.0	56.3	55.6	55.2	54.6
22	54.9	54.7	54.7	54.6	54.6	54.8	54.9	54.6	54.2	54.0	53.8	53.2	53.0	52.2	51.8
23	53.8	54.0	54.4	54.0	54.9	56.0	56.9	57.3	57.5	58.3	58.2	58.6	58.8	58.8	58.8
24	59.9	59.3	58.9	58.8	58.8	59.2	59.2	59.2	58.6	58.5	58.0	57.3	56.8	56.4	55.6
25	52.1	51.5	50.9	50.3	50.5	50.7	50.6	49.8	49.5	49.4	48.3	48.4	48.3	47.6	47.2
26	53.1	53.5	54.3	54.7	55.4	56.3	56.7	57.8	58.1	58.5	58.7	58.8	58.9	59.0	58.9
27	59.5	59.2	59.1	59.1	59.1	59.6	60.0	60.2	60.2	60.1	59.8	59.4	59.0	58.6	58.2
28	58.2	58.0	58.2	58.1	58.1	58.5	58.7	58.8	58.5	58.1	57.7	57.0	56.7	56.2	55.5
29	55.9	55.7	55.7	55.8	55.9	56.3	56.7	56.6	56.5	56.3	55.8	55.3	54.9	54.2	53.6
30															
31															
Prom	57.0	56.9	56.9	56.9	57.2	57.7	58.0	58.0	57.9	57.8	57.6	57.3	57.0	56.6	56.2

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.1	9.3	8.9	9.2	9.5	9.7	12.7	16.0	19.1	21.2	23.3	24.4	25.9	26.8	27.0
2	14.8	14.4	14.4	14.7	13.7	15.7	19.7	22.3	23.6	25.0	26.2	26.8	27.6	27.8	27.4
3	16.7	16.9	17.2	17.1	16.6	15.9	18.9	22.8	25.1	26.2	27.6	28.2	28.6	29.1	28.8
4	17.8	17.8	17.9	17.3	17.5	19.2	19.0	21.5	21.8	25.7	26.6	27.6	28.6	29.2	29.8
5	15.7	16.2	15.0	14.2	13.1	12.2	14.5	18.9	20.6	21.9	24.8	26.8	28.4	28.8	29.8
6	17.9	17.7	17.8	17.8	17.9	18.3	20.3	22.7	24.5	25.8	27.6	27.6	28.7	29.2	29.9
7	16.7	15.9	15.4	14.3	13.4	13.1	15.0	18.9	21.3	22.5	23.1	24.0	24.9	25.2	25.4
8	15.0	13.7	13.8	13.9	13.9	13.6	13.7	15.9	18.2	19.0	19.9	20.4	21.4	22.0	22.3
9	12.3	12.4	13.1	13.0	11.4	10.6	12.4	18.0	20.1	20.9	21.7	22.5	23.1	23.5	23.6
10	17.3	16.9	17.2	17.1	16.5	16.8	18.4	21.6	23.3	24.2	25.2	25.2	25.3	25.2	25.1
11	18.7	17.9	17.3	17.0	15.9	15.5	17.8	20.5	21.2	21.9	23.2	24.0	24.7	25.1	24.9
12	18.9	18.5	17.8	17.4	16.9	16.7	18.4	20.4	21.3	22.6	23.6	24.7	24.7	24.8	24.2
13	17.1	17.5	17.7	17.8	16.8	16.9	18.2	22.4	24.2	25.9	27.0	28.0	28.4	29.2	29.2
14	18.4	18.1	17.9	18.2	18.3	18.4	20.2	22.7	25.2	26.7	28.6	29.5	29.7	30.0	29.9
15	20.4	20.0	19.4	18.6	17.7	17.6	18.7	22.1	24.1	25.3	26.5	27.1	28.5	28.9	28.9
16	20.9	20.4	20.1	20.1	19.7	19.8	20.8	22.6	24.1	25.7	27.0	28.8	29.0	29.4	29.7
17	21.1	21.1	20.9	21.1	20.8	20.7	21.6	25.1	27.0	28.7	30.3	31.6	30.9	30.4	28.9
18	19.2	18.6	18.5	18.2	18.1	17.9	17.0	17.4	18.9	20.9	22.6	23.1	24.0	24.2	24.0
19	13.0	13.3	13.5	13.4	13.2	13.2	14.6	17.8	19.7	21.8	22.7	23.7	24.9	25.6	25.6
20	15.4	14.8	14.2	13.8	13.7	13.8	15.8	19.7	22.1	24.1	25.3	26.8	27.6	28.3	28.3
21	15.8	15.8	15.8	15.9	15.7	15.6	17.3	21.6	24.5	26.4	28.1	29.2	30.3	31.0	30.6
22	19.4	19.3	18.6	18.1	16.9	16.3	20.4	24.3	26.7	28.9	30.4	31.8	32.5	33.0	32.2
23	22.5	22.6	22.2	21.1	20.3	21.2	21.1	22.4	23.4	25.0	26.4	26.4	26.0	25.6	25.5
24	15.8	15.6	15.3	15.1	15.1	15.5	18.2	20.6	21.4	22.8	24.2	25.0	25.7	25.7	25.6
25	22.9	22.9	22.8	22.3	22.3	22.3	22.3	23.6	24.1	23.0	21.4	21.7	22.7	25.4	25.1
26	16.9	16.3	15.8	15.1	14.3	13.7	13.8	16.0	16.9	18.4	19.0	19.9	20.7	21.3	21.4
27	12.1	11.6	11.2	11.1	11.1	10.6	13.1	17.2	19.0	20.5	21.6	22.9	23.6	24.2	24.8
28	17.0	16.2	16.3	16.1	15.9	15.8	16.4	18.7	20.9	23.1	24.6	25.6	26.2	27.3	26.7
29	18.5	18.0	17.8	17.5	17.1	17.0	17.4	22.2	23.7	25.4	27.2	28.2	29.0	29.4	29.4
30															
31															
Prom	17.2	16.9	16.7	16.4	16.0	16.0	17.5	20.6	22.3	23.8	25.0	25.9	26.6	27.1	27.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
53.8	53.6	53.7	53.9	54.4	55.0	55.2	55.4	55.4	56.2	7	53.6	17	2.6	754.8 mm.	1006.4 mb.
52.9	52.4	52.2	52.4	53.0	53.2	53.5	53.5	53.7	56.3	8	52.2	18	4.1	54.5	1006.0
50.8	50.4	50.3	50.3	50.5	50.7	50.6	51.0	50.8	53.9	5	50.3	18-19	3.6	52.2	1002.9
51.0	50.9	51.2	51.7	52.4	52.9	53.0	53.2	53.0	53.1	7	49.8	4	3.3	51.5	1002.0
50.5	50.0	49.7	49.5	49.8	49.8	49.8	49.9	49.7	53.7	9	49.5	19	4.2	51.7	1002.2
50.9	51.2	51.8	52.5	53.2	54.0	54.8	55.7	56.2	56.2	24	49.0	2,4-5	7.2	51.2	1001.6
60.7	61.0	61.1	61.5	62.0	62.8	63.3	63.6	63.7	63.7	24	56.5	1	7.2	60.3	1013.7
63.2	63.1	63.2	63.3	63.2	63.5	63.4	63.9	63.9	65.7	10	63.1	17	2.6	64.2	1018.9
60.3	59.9	59.8	60.4	60.4	60.6	60.9	61.0	61.3	63.9	1	59.8	18	4.1	62.0	1016.0
61.6	61.3	61.2	61.3	61.5	62.0	62.3	62.4	62.5	63.5	9	61.2	18	2.3	62.3	1016.4
60.3	60.1	60.1	59.9	60.0	60.0	59.9	59.8	59.3	63.6	8	59.3	24	4.3	61.6	1015.4
57.0	56.8	57.0	57.2	57.5	57.6	57.6	57.6	57.6	60.0	8	56.8	17	3.2	58.5	1011.3
56.4	56.3	56.7	57.2	57.8	58.2	58.2	58.3	58.2	58.3	23	56.3	17	2.0	57.4	1009.8
58.9	58.7	59.1	59.4	59.6	59.9	59.9	60.0	60.0	60.2	10-11	58.1	2-3	2.1	59.4	1012.5
57.5	57.3	57.3	57.7	58.0	58.3	58.1	58.0	58.1	60.5	9	57.3	17-18	3.2	59.0	1012.0
56.0	55.7	55.6	55.5	55.8	55.8	55.7	55.5	55.5	59.2	7-8	55.5	19,23-24	3.7	57.2	1009.6
51.0	50.4	50.1	50.5	52.8	53.6	53.1	53.9	53.4	55.1	1	50.1	18	5.0	53.2	1004.2
59.6	59.7	59.9	60.5	60.8	61.3	61.8	61.9	61.8	61.9	23	53.4	1	8.5	58.6	1011.4
59.7	59.7	59.4	59.4	59.6	60.0	59.9	60.0	59.5	63.4	7-9	59.4	18-19	4.0	61.4	1015.2
57.0	57.0	56.9	56.8	57.0	57.1	57.2	57.2	57.2	60.0	8	56.8	19	3.2	58.4	1011.2
54.2	54.0	54.2	54.2	54.5	54.9	55.0	55.0	54.9	57.5	8-9	54.0	17	3.5	55.8	1007.7
51.3	51.2	51.2	51.6	52.0	52.5	52.7	52.9	53.4	54.9	1,7	51.2	17-18	3.7	53.3	1004.4
58.6	58.8	58.6	58.9	59.3	59.7	60.2	60.3	60.3	60.3	23-24	53.8	1	6.5	57.7	1010.2
54.6	53.9	53.6	53.6	53.6	53.3	53.2	53.0	52.5	59.9	1	52.5	24	7.4	56.5	1008.6
47.1	47.4	48.7	50.4	50.6	51.2	51.2	51.5	52.5	52.5	24	47.1	16	5.4	49.8	999.7
58.8	58.8	58.7	58.9	59.4	59.6	59.6	59.6	59.6	59.6	21-24	53.1	1	6.5	57.7	1010.2
58.0	57.8	57.7	57.7	58.3	58.6	58.7	58.6	58.4	60.2	8-9	57.7	18-19	2.5	59.0	1012.0
54.9	54.8	54.8	54.8	55.2	55.8	55.9	55.7	55.8	58.8	8	54.8	17-19	4.0	56.8	1009.0
53.0	52.7	52.2	52.4	52.8	53.6	53.7	54.2	54.1	56.7	7	52.2	18	4.5	54.8	1006.4
55.8	55.7	55.7	56.0	56.4	56.7	56.8	57.0	57.0	58.9		54.6		4.3	56.9	1009.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
26.4	25.6	25.0	22.1	18.2	15.9	15.1	15.3	14.7	27.0	15	8.9	3	18.1	18.0
26.8	26.1	24.9	22.7	20.4	18.2	18.3	17.4	17.3	27.8	14	13.7	5	14.1	21.1
28.1	27.6	26.2	24.2	22.0	19.2	18.7	18.7	18.1	29.1	14	15.9	6	13.2	22.4
28.3	27.9	27.5	23.4	21.6	20.0	18.7	17.5	16.1	29.8	15	16.1	24	13.7	22.4
29.7	29.3	27.8	23.7	21.4	20.4	19.7	18.7	18.3	29.8	15	12.2	6	17.6	21.2
29.7	28.6	27.2	24.0	21.3	19.2	18.0	17.4	17.1	29.9	15	17.1	24	12.8	22.8
24.1	23.1	22.0	20.7	18.8	17.0	15.9	15.5	15.6	25.4	15	13.1	6	12.3	19.2
21.7	20.8	19.7	18.1	16.8	16.1	15.1	14.1	12.9	22.3	15	12.9	24	9.4	17.2
24.1	23.8	22.6	20.9	19.6	19.0	18.4	17.8	17.4	24.1	16	10.6	6	13.5	18.4
24.5	23.7	23.2	21.4	20.4	19.8	19.9	19.8	19.6	25.3	13	16.5	5	8.8	21.2
25.1	24.0	22.7	21.4	20.4	20.1	18.9	18.2	17.7	25.1	14,16	15.5	6	9.6	20.6
23.8	23.1	22.1	20.4	19.1	18.2	17.7	17.3	16.9	24.8	14	16.7	6	8.1	20.4
28.8	28.3	26.5	23.3	21.6	21.1	20.4	20.0	19.5	29.2	14-15	16.8	5	12.4	22.7
29.8	28.6	27.1	24.2	22.2	21.0	20.7	20.5	20.3	30.0	14	17.9	3	12.1	23.6
28.2	28.1	26.7	24.4	22.8	21.9	21.9	21.7	21.2	28.9	14-15	17.6	6	11.3	23.4
29.1	28.7	27.4	25.5	23.1	22.2	21.6	21.3	21.2	29.7	15	19.7	5	10.0	24.1
29.9	30.0	29.0	26.4	25.2	18.0	18.1	18.0	19.0	31.6	12	18.0	21,23	13.6	24.7
24.0	23.6	22.7	19.6	16.8	15.4	14.1	14.4	14.9	24.2	14	14.1	22	10.1	19.5
25.4	24.2	22.5	20.4	17.8	16.8	15.7	15.6	15.3	25.6	14-15	13.0	1	12.6	18.7
27.9	27.2	25.1	22.3	19.6	18.5	17.4	16.9	16.5	28.3	14-15	13.7	5	14.6	20.6
30.3	29.4	27.6	25.1	22.9	22.1	20.7	20.2	20.0	31.0	14	15.6	6	15.4	23.0
31.6	32.0	30.2	27.6	26.0	24.6	24.3	22.8	22.8	33.0	14	16.3	6	16.7	25.4
25.0	23.8	22.7	21.3	19.8	18.7	17.9	17.1	16.5	26.4	11-12	16.5	24	9.9	22.3
25.4	24.9	24.1	23.4	23.1	22.9	22.7	22.5	22.6	25.7	13-14	15.1	4-5	10.6	21.4
23.7	22.3	19.2	19.2	19.0	19.0	18.9	18.8	18.5	25.4	14	18.5	24	6.9	21.8
21.4	21.5	19.3	17.4	16.4	15.7	14.9	13.9	12.7	21.5	17	12.7	24	8.8	17.2
24.2	23.9	22.6	19.8	18.2	18.1	17.4	16.1	16.2	24.8	15	10.6	6	14.2	18.0
26.8	26.4	24.5	22.1	20.9	20.0	19.0	19.0	18.9	27.3	14	15.8	6	11.5	21.0
28.9	27.9	25.3	23.1	21.6	20.7	20.7	20.7	20.5	29.4	14-15	17.0	6	12.4	22.8
26.6	26.0	24.6	22.4	20.6	19.3	18.6	18.2	17.9	27.3		15.1		12.2	21.2

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.5	8.0	8.0	7.8	7.6	7.8	9.0	9.1	8.5	8.5	8.0	8.5	8.0	7.8	7.4
2	9.5	10.5	11.0	11.5	10.5	12.5	14.0	14.2	13.5	12.0	12.0	9.5	10.0	9.7	10.0
3	13.5	13.0	12.0	12.0	12.0	12.0	13.0	13.7	13.5	13.0	13.0	12.0	12.0	13.0	12.5
4	14.0	13.0	13.0	13.5	14.5	14.5	14.0	11.8	16.0	14.0	13.5	14.0	15.0	16.0	16.5
5	12.5	13.0	10.5	8.5	8.5	8.0	8.0	7.7	8.5	9.0	9.5	9.5	9.0	8.1	8.5
6	13.0	13.0	13.0	13.0	13.0	13.5	14.5	15.6	15.5	15.5	15.5	14.0	12.5	10.4	11.5
7	11.5	11.0	10.5	10.0	8.5	8.0	7.8	6.6	6.2	6.6	5.8	6.0	6.4	6.1	5.4
8	9.0	9.0	9.0	9.0	8.5	9.0	9.0	9.0	9.0	8.5	9.0	8.5	8.0	8.4	9.5
9	9.0	9.0	8.5	9.0	9.0	8.5	9.0	10.9	9.5	8.5	9.0	8.5	10.0	10.2	10.0
10	13.5	13.0	12.0	12.0	12.0	12.5	13.0	13.5	11.0	10.5	10.0	9.0	9.0	8.8	8.5
11	10.5	11.0	11.0	11.0	11.5	12.0	11.5	12.0	10.5	10.0	10.0	10.5	9.5	11.2	11.0
12	11.5	12.0	11.5	12.0	11.5	12.0	13.5	13.0	12.5	12.5	12.5	12.0	12.0	11.8	11.5
13	13.0	13.5	13.5	14.0	13.5	13.5	14.0	15.1	15.0	15.5	14.0	13.0	12.0	11.0	11.0
14	14.5	15.0	14.0	15.0	15.0	15.0	15.0	15.9	16.0	16.0	15.0	13.0	13.0	12.4	13.0
15	15.5	14.0	13.5	13.5	14.5	14.5	14.5	15.2	15.0	13.5	13.5	12.5	13.5	12.8	12.5
16	14.0	13.5	14.0	14.0	14.5	15.0	14.0	14.8	13.5	15.0	15.0	15.5	14.0	15.5	11.5
17	18.0	18.0	17.0	16.0	16.0	16.5	16.5	17.9	17.5	18.0	18.5	18.0	15.5	16.3	15.5
18	15.0	14.5	14.5	14.0	14.0	14.0	12.5	11.5	10.0	7.8	7.6	6.8	6.0	6.0	7.2
19	9.0	10.5	10.5	11.0	11.0	10.0	10.0	10.7	9.5	9.0	9.5	10.0	10.0	10.7	10.0
20	10.0	11.0	10.5	10.0	10.0	9.5	11.5	12.0	11.0	10.5	10.0	11.0	10.0	10.2	10.5
21	11.5	11.5	12.0	13.0	12.5	12.5	13.5	13.6	13.0	12.0	12.0	12.5	12.0	10.6	12.0
22	13.5	12.5	13.0	13.5	13.0	13.0	15.5	16.3	16.0	17.0	15.0	14.5	13.5	13.6	13.5
23	16.5	16.5	16.0	16.0	15.5	14.5	13.5	13.6	14.5	12.0	12.0	12.0	11.5	8.0	7.8
24	11.5	11.5	12.0	11.5	12.0	12.5	13.5	12.8	12.5	12.5	12.5	12.0	12.5	13.2	12.5
25	18.0	19.0	19.0	19.5	19.5	19.5	19.5	19.8	19.5	18.0	18.5	18.5	18.0	18.6	18.0
26	11.5	12.0	11.5	11.0	10.5	10.0	9.5	9.6	9.0	9.0	8.5	8.0	7.6	8.2	8.0
27	9.5	9.0	9.5	9.5	9.0	8.5	9.5	11.1	11.0	11.0	11.0	10.5	10.0	10.9	11.0
28	11.5	12.0	12.0	12.5	12.0	12.0	12.5	12.9	13.0	14.0	14.0	15.0	13.0	13.2	12.0
29	14.5	15.0	14.5	14.5	14.0	13.0	14.0	14.3	13.5	13.5	14.0	13.5	14.0	13.3	13.0
30															
31															
Prom.	12.6	12.6	12.3	12.3	12.2	12.2	12.6	12.9	12.5	12.2	12.0	11.7	11.3	11.2	11.1

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.0	7.8	7.6	8.5	10.5	10.0	9.5	9.0	9.5	10.5	20	7.4	15	3.1	8.5
11.0	10.5	11.0	12.5	13.6	12.5	13.5	13.5	14.0	14.2	8	9.5	1,12	4.7	11.8
13.5	13.0	13.0	15.0	15.0	13.5	14.0	14.0	14.0	15.0	19-20	12.0	3-6,12-13	3.0	13.1
13.5	12.0	11.5	13.0	16.4	16.0	15.5	14.5	13.0	16.5	15	11.5	18	5.0	14.1
7.0	6.8	7.6	9.0	11.7	12.5	12.0	11.5	12.5	13.0	2	6.8	17	6.2	9.6
8.5	8.0	7.4	9.5	9.4	9.5	11.0	12.5	12.5	15.6	8	7.4	18	8.2	12.2
6.2	6.8	6.4	9.5	10.4	10.0	10.0	10.5	8.5	11.5	1	5.4	15	6.1	8.1
9.0	9.5	9.0	9.5	9.4	9.0	9.0	9.0	9.0	9.5	15,17,19	8.0	13	1.5	9.0
10.5	11.5	11.5	12.0	12.8	12.5	13.0	13.0	13.5	13.5	24	8.5	3,6,10,12	5.0	10.4
9.5	10.0	10.0	10.5	12.6	12.5	13.0	13.0	12.0	13.5	1,8	8.5	15	5.0	11.3
10.0	11.5	12.5	13.5	14.5	14.0	15.0	14.0	11.5	15.0	22	9.5	13	5.5	11.6
12.5	13.0	12.0	12.5	13.1	13.5	13.5	13.5	13.5	13.5	7,21-24	11.5	1,3,5,15	2.0	12.4
11.0	10.5	13.5	15.0	15.7	15.0	15.5	15.0	14.5	15.7	20	10.5	17	5.2	13.6
11.0	12.0	12.5	13.5	13.8	13.5	14.0	14.5	16.0	16.0	9-10,24	11.0	16	5.0	14.1
15.0	13.5	15.0	16.5	16.7	16.0	17.0	16.5	16.0	17.0	22	12.5	12,15	4.5	14.6
12.5	13.5	13.0	14.0	15.1	15.0	15.5	17.0	17.0	17.0	23-24	11.5	15	5.5	14.4
16.5	16.5	15.5	17.0	16.6	13.0	13.5	14.0	15.0	18.5	11	13.0	21	5.5	16.4
7.2	7.0	7.6	9.5	10.2	10.0	8.5	7.6	8.5	15.0	1	6.0	13-14	9.0	9.9
10.0	9.5	10.5	11.0	11.9	11.5	11.5	10.5	10.5	11.9	20	9.0	1,10	2.9	10.4
9.0	8.5	8.5	10.5	11.0	10.5	10.5	11.0	12.0	12.0	8,24	8.5	17-18	3.5	10.4
13.5	13.0	15.5	14.5	15.1	15.0	15.0	15.0	15.0	15.5	18	10.6	14	4.9	13.2
13.0	13.0	13.5	14.0	17.6	17.5	17.5	17.0	17.0	17.6	20	12.5	2	5.1	14.7
8.5	10.0	9.5	9.5	9.2	10.5	11.0	11.0	11.5	16.5	1-2	7.8	15	8.7	12.1
12.5	13.5	13.5	14.5	15.8	16.0	16.5	16.5	17.5	17.5	24	11.5	1-2,4	6.0	13.4
19.0	18.5	16.0	16.0	15.7	15.5	15.5	15.5	12.0	19.8	8	12.0	24	7.8	17.8
8.0	8.0	10.0	10.5	10.4	10.0	10.0	10.5	10.0	12.0	2	7.6	13	4.4	9.6
11.5	11.5	11.5	11.5	12.3	12.5	12.5	12.5	12.0	12.5	21-23	8.5	6	4.0	10.8
13.5	13.5	14.0	15.0	14.7	14.0	14.0	14.0	15.0	15.0	12,19,24	11.5	1	3.5	13.3
12.5	14.5	13.5	16.0	16.8	15.5	16.5	16.5	16.5	16.8	20	12.5	16	4.3	14.4
11.2	11.3	11.5	12.5	13.4	13.0	13.2	13.2	13.1	14.7		9.7		5.0	12.2

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SW	15	SW	14	SW	9	SW	4	SW	3	SW	3	s/R	-	s/R	-	s/R	-	SW	7	11	26	W	12.31
N	16	N	14	s/R	-	NE	7	NE	4	NE	2	NE	3	NE	4	NE	3	NE	9	8	17	N	12.20 13.34 14.42
N	15	N	16	N	15	N	7	N	5	NE	3	NE	6	NE	7	NE	4	N	13	10	21	N	9.09 10.52
S	7	S	8	S	3	S	2	E	3	E	3	E	3	Calma	1	s/R	-	S	9	7	62	W	5.46
W	25	W	24	NW	16	NW	10	NW	9	NW	9	NW	9	NW	12	N	15	NW	12	13	36	W	15.29
SW	10	SW	11	SW	8	S	4	S	3	S	4	SE	4	SE	7	SE	9	N SW	7	14	39	W	10.10
S	10	S	9	S	9	SE	5	SE	3	S	2	Calma	1	S	2	S	4	S	13	7	18	S	17.01
E	16	E	17	E	13	E	12	SE	8	SE	7	SE	7	SE	5	SE	4	SE	18	8	23	E	16.19
E	10	E	9	E	11	E	8	SE	8	SE	8	SE	9	SE	6	SE	4	E	14	8	20	NE	12.21
SE	12	SE	12	SE	8	SE	10	SE	7	SE	7	SE	9	SE	9	SE	12	SE E	12	10	26	SE	14.22
E	13	SE	11	SE	11	SE	10	SE	8	SE	6	S	3	S	4	SE	7	E	16	11	22	E	9.24
SE	9	SE	11	SE	10	SE	7	S	5	S	4	S	5	S	5	SE	5	E	15	11	22	E	0.56 1.40 9.24
E	9	E	7	E	10	E	10	E	9	SE	6	SE	5	SE	7	SE	3	E	19	8	16	E	11.41
E	13	E	10	E	9	E	8	SE	6	E	8	E	7	SE	7	SE	8	E	15	9	20	E	13.40
E	17	E	13	E	11	SE	10	SE	8	SE	6	E	7	E	7	E	7	E	16	11	26	E	14.12
E	11	E	12	E	8	E	5	E	8	E	7	E	8	E	8	SE	6	E	18	10	20	E	8.46
NE	12	NE	11	NE	12	NE	10	NW	8	S	18	S	7	S	8	W	8	N	7	12	35	S	20.08
S	11	SW	12	S	6	S	3	Calma	1	Calma	0	SE	2	SE	6	SE	7	SE	14	8	24	S	14.20
NE	14	NE	14	NE	14	NE	8	NE	4	NE	6	NE	6	NE	11	NE	13	NE	20	11	22	NE N	8.36 10.48
NE	11	NE	11	NE	10	NE	6	NE	6	NE	6	NE	7	NE	5	NE	3	NE	23	11	25	NE	8.36
E	9	E	13	E	10	SE	9	E	7	SE	5	SE	6	SE	6	SE	6	NE	9	8	15	N	9.32
N	12	N	14	NE	14	NE	9	NE	7	NE	7	NE	8	NW	7	N	9	NE	10	9	17	N	15.08
SE	18	SE	16	SE	12	SE	11	SE	12	SE	11	SE	9	SE	8	SE	9	SE	16	12	26	SE	14.24
SE	14	SE	12	SE	8	SE	8	SE	6	SE	6	S	4	SE	4	SE	5	SE	18	11	29	E	7.59
SE	9	SE	8	S	19	S	6	SW	2	W	2	SW	3	W	5	SW	13	S	6	7	26	S	17.24
S	9	S	6	SE	13	SE	9	SE	6	SE	5	SE	4	SE	2	SE	2	S	17	10	24	S	0.08
NE	10	NE	10	NE	9	E	7	E	9	E	6	SE	3	SE	4	E	5	E	12	8	22	N	13.36
NE	8	E	9	E	10	E	9	E	8	E	7	E	7	E	8	E	8	NE	15	9	16	NE	7.20
N	7	N	9	NE	10	NE	6	NE	4	s/R	-	s/R	-	s/R	-	s/R	-	NE	10	7	14	N	2.12

																		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
E		E		E		SE		SE		SE		SE		SE		SE		Dirección	Horas		32 Km.		
8		8		8		9		10		10		10		12		14		E	180	10	DIRECCIÓN	DÍA	HORA
	12		12		11		8		6		6		6		6		7				NW NE	6 20	de 9.45 a 10.00 de 8.00 a 8.15

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1							7	65	6	86								151
2	7	95	9	66					2	10							3	174
3	13	187	11	59														246
4	1	9	5	24	3	9			9	57	3	41	1	20			1	161
5	1	15									2	16	5	69	12	154		254
6	7	124					3	20	3	11	7	90	1	29	3	68		342
7							10	63	13	99							1	163
8					5	65	18	130	1	3								198
9					14	140	7	43	3	10								193
10					12	130	12	112										242
11					16	200	6	53	2	7								260
12					15	209	5	42	4	19								270
13					19	172	5	28										200
14			3	34	15	141	5	29	1	4								208
15			5	61	16	182	3	24										267
16			5	63	18	184	1	6										253
17	7	115	5	58	6	57	1	7	3	33			1	8	1	8		286
18							3	15	4	30	14	143	1	7			2	196
19	3	46	20	221			1	4										271
20	1	8	23	248														256
21	4	46	9	65	6	54	5	32										197
22	6	67	10	88	5	35									3	30		220
23							16	226	2	22	3	19			3	22		289
24					5	84	18	182	1	4								270
25			4	34	4	32	5	35	6	42	3	18	2	7				168
26							7	41	17	189								230
27			9	107	12	82	3	9										198
28	1	6	15	154	8	66												226
29	9	78	10	52	1	8												138
30																		
31																		
SUMAS	60	796	143	1334	180	1850	134	1101	71	540	39	392	17	226	22	282	7	6527
% PREVAL POR VELOCIDAD	12.2		20.4		28.4		16.9		.3		6.0		3.5		4.3		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	13		9		10		8		8		10		13		13		1	225

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	5	7	8	4	1		2	
1 - 2	1	8	9	5	2		1	2	
2 - 3	2	6	11	4	1	2	1		1
3 - 4	1	10	9	3	1	2			1
4 - 5	1	8	10	4	1	1		1	1
5 - 6	2	7	11	2	2	2			
6 - 7	1	6	12	2	3	1	1		
7 - 8	3	7	9	2	3	3		1	
8 - 9	4	8	6	3	4	2	1	1	
9 - 10	4	9	5	4	2	2	2	1	
10 - 11	6	6	6	4	3	1	3		
11 - 12	5	7	6	4	3	2	1	1	
12 - 13	5	5	8	2	4	2	1	2	
13 - 14	5	4	9	2	4	2	1	2	
14 - 15	6	3	9	3	4	3		1	
15 - 16	4	5	8	5	4	2	1		
16 - 17	4	4	8	6	3	3	1		
17 - 18	1	6	8	6	4	2		1	
18 - 19	1	6	7	9	4	1		1	
19 - 20	1	5	6	10	2	2		2	1
20 - 21		5	5	10	4	1	1	1	1
21 - 22		5	5	10	4	1		1	1
22 - 23		4	3	12	4		1	2	1
23 - 24	2	4	3	14	1	1	1		
SUMAS	60	143	180	134	71	39	17	22	7
% de frec. por dirección	8.9	21.2	26.7	20.3	10.5	5.8	2.5	3.2	1.0

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	46.0	34.7	0.92	1	5	5	
	10	49.7	27.0	1.84	0	5	5	
1	12	52.7	30.2	1.83	0	5	5	
	14	53.5	31.5	1.79	0	5	5	
	15	52.0	31.1	1.70	0	5	5	
	9	48.2	32.5	1.28	0	5	5	
	10	52.0	30.0	1.79	1	5	5	
2	12	54.2	31.9	1.81	0	5	5	
	14	54.2	32.5	1.76	0	5	5	
	15	52.2	31.7	1.67	0	5	5	
	9	50.6	30.0	1.67	0	5	5	
	10	52.1	31.0	1.72	0	5	5	
3	12	54.6	33.0	1.76	0	5	5	
	14	54.7	33.6	1.72	0	5	5	
	15	53.4	33.2	1.64	0	5	5	
	9	32.2	23.5	0.71	8	3	5	
	10	48.9	30.0	1.54	8	3	5	
4	12	48.3	30.6	1.44	9	0	4	
	14	57.6	39.4	1.48	5	5	5	
	15	48.1	32.0	1.31	9	3	5	
	9	47.7	25.6	1.80	1	5	5	
	10	51.0	28.0	1.87	1	5	5	
5	12	54.2	32.0	1.80	0	5	5	
	14	54.4	33.1	1.73	0	5	5	
	15	54.0	33.7	1.65	0	5	5	
	9	49.0	29.0	1.63	5	3	5	
	10	51.8	31.4	1.66	3	5	5	
6	12	55.5	33.5	1.79	4	5	5	
	14	54.3	33.8	1.67	0	5	5	
	15	53.6	34.0	1.59	0	5	5	
	9	47.8	25.7	1.80	0	5	5	
	10	50.0	27.1	1.86	0	5	5	
7	12	51.6	29.0	1.84	0	5	5	
	14	52.0	29.8	1.80	2	5	5	
	15	42.3	27.2	1.23	3	3	5	
	9	44.8	22.7	1.80	8	4	5	
	10	36.2	22.1	1.15	8	0	4	
8	12	43.0	24.7	1.49	10	0	4	
	14	40.1	25.0	1.23	7	3	5	
	15	49.3	27.1	1.80	6	5	4	
	9	46.2	25.0	1.72	3	3	4	
	10	39.1	23.6	1.26	3	3	4	
9	12	49.8	27.5	1.81	0	5	5	
	14	50.0	28.0	1.79	0	5	5	
	15	49.3	28.0	1.73	0	5	5	
	9	48.5	27.8	1.68	1	5	5	
	10	50.4	29.4	1.71	3	5	5	
10	12	52.3	30.5	1.77	4	5	5	
	14	48.8	24.5	-	7	3	5	
	15	52.1	30.5	1.76	7	4	5	
	9	40.6	29.7	0.89	8	2	4	
	10	46.2	26.1	1.63	7	3	5	
11	12	52.5	29.1	1.90	8	3	5	
	14	54.4	30.3	-	6	4	5	
	15	50.0	28.9	1.72	3	3	5	
	9	41.0	24.5	1.34	9	2	5	
	10	52.8	28.5	-	9	2	4	
12	12	48.2	28.8	1.58	9	2	4	
	14	39.0	26.4	1.02	9	2	4	
	15	42.6	27.2	1.25	10	2	4	
	9	49.0	28.4	1.67	0	5	5	
	10	52.2	30.5	1.76	1	5	5	
13	12	54.9	32.4	1.83	3	5	5	
	14	54.4	33.4	1.71	2	5	5	
	15	53.4	32.7	1.68	2	5	5	
	9	50.6	30.0	1.67	0	5	5	
	10	53.8	32.3	1.75	1	5	5	
14	12	36.3	34.4	1.78	2	5	5	
	14	55.5	34.4	1.72	1	5	5	
	15	54.0	33.8	1.64	0	5	5	
	9	50.4	29.4	1.71	3	5	5	
	10	53.4	31.5	1.78	4	5	5	
15	12	53.4	32.4	1.71	2	5	5	
	14	53.0	33.5	1.58	0	5	5	
	15	52.9	32.9	1.63	0	5	5	
	9	45.3	27.7	1.43	6	3	5	
	10	53.2	31.3	1.78	5	5	5	
16	12	48.0	31.5	1.34	8	3	5	
	14	51.5	33.4	1.47	4	3	5	
	15	54.7	34.0	1.68	3	3	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	51.6	31.7	1.62	1	5	5	
	10	53.0	33.2	1.61	3	3	5	
17	12	47.9	34.4	1.10	8	3	5	
	14	34.7	30.4	0.35	8	0	5	
	15	49.7	32.5	1.40	8	3	5	
	9	39.8	23.0	1.36	8	1	5	
	10	51.6	37.3	1.16	7	2	5	
18	12	48.0	27.7	1.65	7	3	5	
	14	51.5	29.0	1.83	1	5	5	
	15	43.5	27.6	1.29	3	3	5	
	9	45.3	24.8	1.67	0	5	5	
	10	48.6	27.0	1.76	0	5	5	
19	12	51.0	28.8.	1.80	0	5	5	
	14	51.0	29.9	1.72	0	5	5	
	15	50.3	29.9	1.66	0	5	5	
	9	48.0	26.8	1.72	0	5	5	
	10	51.2	29.1	1.80	0	5	5	
20	12	53.8	31.9	1.78	0	5	5	
	14	54.0	32.6	1.74	0	5	5	
	15	52.9	32.6	1.65	0	5	5	
	9	50.5	29.6	1.70	0	5	5	
	10	53.3	31.8	1.75	0	5	5	
21	12	55.5	34.2	1.73	0	5	5	
	14	56.3	35.2	1.72	0	5	5	
	15	54.5	34.3	1.64	0	5	5	
	9	51.5	31.8	1.60	0	5	5	
	10	55.0	34.2	1.69	0	5	5	
22	12	57.8	37.1	1.68	1	5	5	
	14	54.3	36.6	1.44	3	3	5	
	15	44.7	34.5	0.83	4	3	5	
	9	36.7	25.2	0.93	10	1	4	B.
	10	45.8	28.9	1.37	10	2	3	B.
23	12	47.3	29.8	1.42	10	2	3	B.
	14	44.9	28.5	1.33	10	2	3	B.
	15	43.3	28.2	1.23	10	2	3	B.
	9	46.5	25.9	1.67	2	5	4	B.
	10	49.3	27.5	1.77	2	5	4	B.
24	12	51.4	29.6	1.77	2	5	5	
	14	45.7	28.6	1.39	8	2	4	B.
	15	38.6	27.0	0.94	10	1	4	B.
	9	28.5	23.1	0.44	10	0	4	B.
	10				10	0	3	LL.
25	12	25.0	21.5	0.28	10	0	3	B.
	14	43.5	28.7	1.20	10	1	3	B.
	15	27.5	24.3	0.26	10	0	3	B.
	9	43.9	21.8	1.80	0	5	5	
	10	46.6	23.4	1.89	0	5	5	
26	12	48.9	25.7	1.89	0	5	5	
	14	48.5	26.0	1.83	0	5	5	
	15	47.9	26.0	1.78	1	5	5	
	9	44.2	23.3	1.70	0	5	5	
	10	51.0	27.7	1.89	2	5	5	
27	12	51.0	28.0	1.87	3	5	5	
	14	50.2	28.5	1.76	0	5	5	
	15	49.1	28.5	1.67	1	5	5	
	9	46.6	25.6	1.71	0	5	5	
	10	49.8	28.2	1.76	0	5	5	
28	12	58.8	32.8	-	6	3	5	
	14	56.3	32.8	1.91	7	5	5	
	15	40.6	28.3	1.00	7	3	5	
	9	48.5	28.3	1.64	0	5	5	
	10	51.5	30.5	1.71	0	5	5	
29	12	54.3	32.8	1.75	0	5	5	
	14	54.0	33.5	1.67	0	5	5	
	15	53.0	33.4	1.59	0	5	5	
	9							
	10							
30	12							
	14							
	15							
	9							
	10							
31	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1	0.1	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	13.8	91
2	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	13.7	92
3	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.7	13.7	93
4				0.3	0.9	0.4	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.6	8.3	13.7	61
5	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.8	13.6	94
6	0.2	1.0	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.1	13.6	89
7	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.5	0.1	10.6	13.6	78
8		0.1	0.7	1.0	0.5	0.3		1.0	1.0	1.0	1.0	1.0	1.0	0.3	8.9	13.6	65
9	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.4	13.5	92
10	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0.3		10.2	13.5	76
11	0.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1	11.6	13.5	86
12		0.8	0.9	0.4	1.0	1.0	1.0	0.9	0.3	0.2			0.5		7.0	13.4	52
13	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.2	13.4	91
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	0.3	12.3	13.4	92
15	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	13.4	92
16		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.1	13.3	91
17		1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	1.0	1.0	1.0	1.0	0.1	11.2	13.3	84
18				0.5	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	9.6	13.3	72
19		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	12.2	13.2	92
20	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.4	13.2	94
21	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.3	13.2	93
22	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0		11.8	13.1	90
23		0.7	1.0	0.3	0.5	0.9	1.0	0.3	0.4	0.9	0.3				6.3	13.1	48
24		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1					7.7	13.0	59
25	0.1		0.2						0.7						1.0	13.0	08
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	0.9		12.0	13.0	92
27		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.1	12.9	94
28		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	12.9	93
29		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	12.9	92
30																	
31																	
Medias	0.1	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.2	10.8	13.3	81

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	21.4	27.3	24.6	21.5	24.7	24.1	22.2	22.4	23.0	23.3	23.0	23.2	25.2	25.1	24.8
2	22.4	28.1	25.4	21.9	25.2	24.6	22.1	22.7	23.4	23.1	22.9	23.3	24.9	24.9	24.7
3	23.0	28.6	26.0	22.6	25.7	25.1	22.6	23.1	23.8	23.3	23.2	23.6	25.0	25.0	24.9
4	23.4	27.1	25.4	23.1	25.0	25.0	22.8	23.1	23.8	23.5	23.5	23.7	25.1	25.1	25.1
5	22.2	27.8	25.1	22.3	25.5	24.5	22.6	23.0	23.5	23.4	23.2	23.4	25.1	25.1	25.0
6	23.0	27.6	25.4	22.6	25.5	24.8	22.5	23.0	23.6	23.2	23.2	23.5	25.0	25.0	24.9
7	22.2	27.2	24.7	22.3	25.2	24.3	22.6	22.8	23.4	23.4	23.2	23.3	25.1	25.0	24.9
8	22.0	25.0	23.4	21.9	23.6	23.2	22.2	22.2	22.6	23.1	22.8	23.0	25.0	24.9	24.7
9	21.2	26.4	24.3	21.0	24.2	23.6	21.4	21.9	22.6	22.4	22.3	22.7	24.7	24.6	24.4
10	22.4	27.3	24.8	22.0	25.0	24.2	22.0	22.4	23.0	22.8	22.7	23.0	24.6	24.6	24.6
11	22.6	26.5	24.9	22.2	24.5	24.1	22.3	22.5	23.1	23.0	22.9	23.2	24.8	24.8	24.7
12	22.7	26.3	24.6	22.4	24.3	23.9	22.2	22.5	22.9	23.0	22.9	23.0	24.8	24.8	24.7
13	22.8	28.1	26.0	22.4	25.7	24.9	22.2	22.9	23.6	22.9	23.0	23.4	24.8	24.8	24.7
14	23.6	29.7	26.6	23.1	27.9	25.8	22.9	22.5	24.4	23.4	23.4	23.8	25.0	25.0	25.0
15	23.6	29.8	27.0	23.4	27.1	26.0	23.3	23.8	24.7	23.8	23.8	24.2	25.4	25.4	25.2
16	24.2	29.9	27.3	23.7	26.2	26.3	23.6	24.0	24.8	24.0	24.0	24.4	24.6	25.6	25.6
17	24.9	30.1	28.3	24.3	27.5	26.9	24.0	24.4	25.2	24.6	24.3	24.7	25.8	25.8	25.8
18	23.3	26.2	23.8	23.5	25.0	24.1	23.6	23.3	23.7	24.2	23.9	23.9	25.8	25.8	25.6
19	20.9	26.6	23.9	21.3	24.3	23.7	22.0	22.1	22.9	23.1	22.8	23.0	25.4	25.2	24.9
20	20.8	27.4	24.5	21.0	24.7	24.1	21.6	22.0	22.9	22.7	22.4	22.8	24.9	24.8	24.6
21	21.6	28.5	26.0	21.5	25.6	25.1	21.8	22.4	23.6	22.7	22.6	23.2	24.8	24.7	24.7
22	22.8	28.5	27.2	22.6	26.5	26.1	22.6	23.2	24.3	23.2	23.2	23.8	25.1	25.1	25.1
23	24.4	26.9	24.6	23.9	25.3	24.4	23.6	23.7	23.7	23.9	23.8	23.9	25.5	25.5	25.4
24	22.2	27.6	25.5	22.1	25.3	24.7	22.4	23.8	23.5	23.3	23.1	23.4	25.3	25.2	25.1
25	24.5	25.7	23.1	23.8	24.1	22.5	23.2	23.2	21.6	23.6	23.5	23.0	25.2	25.3	25.0
26	20.4	25.1	22.6	20.7	23.6	22.7	21.2	23.4	22.2	22.4	22.2	22.4	24.7	24.6	24.4
27	19.4	25.3	23.2	19.9	23.2	22.8	20.8	21.0	21.9	22.0	21.7	22.0	24.4	24.2	24.0
28	20.8	26.6	24.4	20.7	24.1	23.8	21.0	21.5	22.4	22.0	21.8	22.2	24.1	24.1	24.0
29	22.0	27.8	25.4	21.6	25.2	24.7	21.7	22.2	23.2	22.4	22.4	22.8	24.3	24.3	24.3
30															
31															
Prom.	22.4	27.4	25.1	22.2	25.2	24.5	22.4	22.8	23.4	23.2	23.0	23.3	25.0	25.0	24.9

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1	0.0	0.0	0.0	0.0	0	0.5	3.0	2.8	7.8	H.15	7.8	9.3	17.8			8164
2					0	2.0	3.3	3.1	7.2							8179
3					0	0.8	3.7	2.8	7.1							8187
4	5.0	5.2	-	4.1	2	0.6	1.8	1.9	4.4							8103
5					0	0.7	3.7	4.8	10.1							8220
6					0	1.6	3.0	3.0	7.3	H.16	7.6	8.7	18.2			8222
7					0	1.3	3.1	2.3	6.6							8281
8					0	1.2	1.8	1.8	4.4							8309
9					0	0.8	2.2	1.9	4.8							8307
10					0	0.7	2.8	2.3	6.5							8315
11					0	1.4	2.4	1.8	5.4	H.17	7.1	7.4	12.5			8324
12					0	1.2	2.0	1.5	4.0							8318
13					0	0.5	2.1	3.0	5.6							8325
14					0	0.5	2.5	2.5	6.0							8346
15					0	1.0	2.7	2.4	6.2							8355
16					0	1.1	2.4	2.6	5.9	H.18	6.2	7.0	17.0	15.7	13.3	8362
17					0	0.9	3.1	2.4	7.2							8360
18	18.4	18.2	18.3	17.1	2	1.7	2.7	2.7	6.2							8387
19					1	0.8	3.2	2.4	6.6							8411
20					0	1.0	3.2	2.9	6.8							8406
21					0	0.7	3.1	2.5	6.4	H.19	9.6	8.8	15.8			8413
22					0	0.8	3.5	3.4	8.3							8417
23					0	1.4	2.7	3.3	7.1							8440
24					0	1.1	3.5	1.7	6.1							8450
25	1.4	1.6	1.1	0.9	2	0.9	0.3	0.4	1.5							8426
26	58.8	60.7	53.0	55.3	2	0.8	2.0	1.7	4.1	H.20	18.9	18.1	16.4			8448
27					2	0.4	2.2	1.7	4.6							8451
28					1	0.7	2.1	1.7	4.4							8441
29					0	0.6	2.4	2.3	5.5							8441
30																
31																
Prom.	83.6	85.7	72.4	77.4	-	1.0	2.6	2.4	6.0	-	-	-	-	-	-	8338

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	25.3	23.7	23.7	23.7	21.5	19.7	-	Ca. m. t. y n., r. n.
24.9	25.0	24.7	23.6	23.7	23.7	21.5	19.8	7.7	Ca. m. t. y n., r. m. y n., B. m.
25.0	25.2	24.9	23.7	23.7	23.7	21.5	19.8	10.3	Ca. m. t. y n., r. m. y n.
25.1	25.2	25.2	23.6	23.7	23.7	21.6	19.9	12.7	Cn. m., Ca. t. y n., CH. m., Ru.Tv.Z. m.
25.1	25.1	24.9	23.7	23.7	23.7	21.6	19.9	-	Ca. m. t. y n., r. m. y n.
25.1	25.1	24.9	23.5	23.6	23.7	21.6	19.9	13.7	Cn. m., Ca. t. y n., r. m.
25.0	25.2	24.9	23.7	23.7	23.7	21.6	19.9	8.3	Ca. m. y t., Cn. n., r. m.
25.0	25.0	24.8	23.4	23.5	23.5	21.6	19.9	-	Cn. m. y t., Ca. n., r. m.
24.8	24.8	24.5	23.3	23.5	23.5	21.6	20.0	6.0	Ca. m. t. y n., r. m.
24.7	24.7	24.6	23.4	23.4	23.4	21.7	20.0	11.9	Ca. m., Cn. t., Ca. n., r. m., B. n.
24.7	24.8	24.7	23.4	23.4	23.5	21.7	20.0	12.0	Cn. m. y t., Ca. n., r. m.
24.8	24.8	24.6	23.6	23.6	23.6	21.7	20.1	12.5	Cn. m. y t., Ca. n., r. m.
24.7	24.7	24.6	23.4	23.4	23.5	21.7	20.1	11.8	Ca. m. t. y n., r. m., B. n.
24.9	25.0	24.8	23.4	23.5	23.6	21.8	20.1	12.9	Ca. m. t. y n., r. m., B. n.
25.1	25.2	25.1	23.5	23.6	23.6	21.9	20.2	12.5	Ca. m. t. y n., r. m., B. t.
24.4	25.5	25.3	23.6	23.6	23.7	21.9	20.2	15.8	Cn. m. y t., Ca. n., r. m., B. t., R. n.
25.5	25.6	25.5	23.7	23.8	23.8	21.9	20.2	16.2	Ca. m. y n., Cn.t.,r. m.,B.t.,R.n.,Tv. m.,LL.n.
25.6	25.4	25.4	23.8	23.7	23.7	22.0	20.2	16.8	Cn. m., Ca. t.
25.4	25.3	25.1	23.7	23.8	23.7	22.0	20.2	9.5	Ca. m. t. y n., r. m., B. t. y n.
25.1	25.0	24.7	23.5	23.6	23.6	22.0	20.2	8.6	Ca. m. t. y n., r. m.
24.9	25.0	24.7	23.4	23.6	23.6	22.0	20.3	10.6	Ca. m. t. y n., r. m.
25.1	25.2	25.1	23.5	23.6	23.7	22.0	20.3	12.2	Ca. m. t. y n., r. m.
25.3	25.4	25.2	23.8	23.8	23.8	22.0	20.4	16.6	Cn. m. t. y n., r.B. m., B. t.
25.2	25.2	25.0	23.5	23.7	23.8	22.0	20.4	11.1	Ca. m., Cn. t. y n., r. m., B. m. t. y n.
25.1	25.2	24,9	23.8	23.8	23.8	22.0	20.4	-	Cn. m. t. y n.,LL.m.,B.m. y t.,CH.t.,Ru.t.,LL.n.
24.7	24.6	24.2	23.5	23.7	23.7	22.0	20.4	10.5	Ca. m. t. y n., r. n.
24.2	24.3	24.0	23.3	23.5	23.6	22.0	20.4	6.9	Ca. m. t. y n., r. n.
24.1	24.2	24.0	23.3	23.6	23.5	22.1	20.5	12.4	Ca. m. y n., Cn. t., r. m.
24.2	24.4	24.2	23.4	23.6	23.6	22.0	20.5	12.5	Ca. m. t. y n., r. m. y n.
24.9	25.0	24.8	23.5	23.6	23.6	21.8	20.1	11.7	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.5	65.7	8	10	49.0	6	2,4-5	20.4	27.0	13.7	29.9	6	15	8.9	1	3	11.3	13.6	83
2ª	58.5	63.6	11	8	50.1	17	18	21.8	27.7	16.3	31.6	17	12	13.0	19	1	11.3	13.3	85
3ª	55.7	60.3	23	23-24	47.1	25	16	21.4	27.2	15.3	33.0	22	14	10.6	27	6	9.7	13.0	75
MES	56.9	65.7	8	10	47.1	25	16	21.2	27.3	15.1	33.0	22	14	8.9	1	3	10.3	13.3	81

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA				
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas			Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	69	100	5	22	5	10.8	16.5	5.4	SE	7	32	6	29	6	10-11	62	W	4	5.46	5.2	5.2	4	4.0	4	6-7
2ª	69	100	14	26	18	12.8	18.5	6.0	E	11	32	20	24	20	8-9	35	S	17	20.08	16.2	18.2	18	16.0	3	22-23
3ª	73	100	25	32	21,23	13.3	19.8	7.6	NE	9	28	23, 25	23	24	12-13	29	E	24	7.59	62.3	60.7	26	-	-	-
MES	69	100	5,14,25	22	5	12.2	19.8	5.4	E	10	32	6, 20	29	6	10-11	62	W	4	5.46	85.7	60.7	26	-	-	-

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
	◊	∞	=	≡	≡	S	§	●	,	*	▽	▽	△	▲	⩤	⩥	⩤
1ª	-	2	-	-	-	-	-	-	1	-	1	-	-	-	3	1	-
2ª	-	6	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1
3ª	-	3	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-
MES	-	11	-	-	-	-	-	2	1	-	2	-	-	-	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°
	⌒	⌐	V	▼	⊠	⊕	⊖	⊕	⊍	⌒	⋈	◔	●	⩔	∧	∧
1ª	9	-	-	-	-	-	-	-	-	-	-	6	-	-	8	-
2ª	9	-	-	-	-	-	-	-	-	-	-	3	1	-	8	-
3ª	8	-	-	-	-	-	-	-	-	-	-	3	2	-	7	-
MES	26	-	-	-	-	-	-	-	-	-	-	12	3	-	23	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III MARZO 1948 N.° 3

RESUMEN MENSUAL

El mes comienza con tiempo inestable y caluroso, fuerte nubosidad y alta humedad absoluta y relativa. El 1° es el único día del mes de heliofanía efectiva nula; se registra el 2 la máxima mensual de la temperatura con 29.7° C; el mismo día empiezan lluvias y tormentas. El tiempo mejora sólo el 5, después del pasaje de un frente frío de origen polar que avanzara hasta el Río de la Plata el día anterior por la tarde. El buen tiempo se mantiene sólo dos días; el 7, el viento gira nuevamente al sector N. Esta corriente, que se intensifica el día 8, es portadora de aire caliente y húmedo a la Provincia de Buenos Aires. En este día alcanza la humedad absoluta con 20.7 mm. el valor más alto del mes. El avance de aire marítimo fresco ocasiona hasta el fin de la década tiempo lluvioso con tormentas eléctricas y descenso de temperatura.

El principio de la segunda década se caracteriza por buen tiempo y temperaturas inferiores al término medio. En este ambiente fresco la mínima diaria de la temperatura llega en la madrugada del 12 a su nivel más bajo con 5.5° C. En los días subsiguientes gira el viento del sector E al N. En consecuencia mientras la temperatura y humedad marcan contínuo ascenso, desciende a su vez la presión. Este andar se mantiene hasta el fin de la década. En los dos últimos días de la misma el tiempo se presenta muy inestable; el 19 se registran lluvias y tormentas.

Este comportamiento culmina al perfilarse una profunda depresión en el Río de la Plata a lo largo de una zona frontal entre una aeromasa muy calurosa y húmeda y otra de origen polar que avanza rápidamente hacia esta región. El barómetro marca su mínima mensual el 21 con 745.5 mm. para ascender luego en el anticiclón subsiguiente, a los tres días, hasta su valor máximo con 769.0 mm. Durante el pasaje del frente anterior, es decir, del 20 al 21, regístrase también un cambio brusco termométrico de 11.0° C. Intensas lluvias y tormentas configuran las restantes características del momento. En este aire polar se restablece pronto el buen tiempo que perdura toda la semana siguiente. La temperatura, los primeros días, se mantiene por debajo de su término medio, y sólo al fin de la semana, al cambiar el viento hacia el N alcanza otra vez 28.0° C. Con un frente frío el 29 y cielo cubierto en este y en el día 31 termina el mes.

El promedio mensual de la presión es en este mes de 1.6 mb, y el de la temperatura de 1.2° C superior a la normal.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	75	94	-	-	-	30	36	66	40	+∞	-	71	94	117	112
2	42	34	32	44	62	89	220	213	169	169	88	105	75	48	-
3	60	75	78	107	46	69	-	-	-	-	-	-	89	101	87
4	52	42	40	50	42	50	69	162	96	69	62	61	80	50	52
5	-	-	-	-	-	-	-	-	-	-	113	62	58	64	42
6	54	30	30	38	48	50	62	71	135	101	66	70	75	75	155
7	52	50	36	42	30	42	54	20	22	28	32	38	38	46	40
8	36	36	40	46	48	50	58	46	20	42	46	54	46	38	22
9	-	-	-	-	-	28	50	40	54	66	71	-∞	20	85	26
10	52	46	42	50	38	48	60	74	91	114	94	132	123	0	62
11	66	62	58	66	-54	56	110	151	176	162	130	84	66	62	56
12	50	54	50	46	42	38	62	96	117	149	116	82	69	78	75
13	98	82	52	62	71	91	119	174	149	139	142	106	101	126	112
14	66	56	48	50	48	62	71	85	71	75	66	66	58	71	50
15	32	32	32	18	38	42	46	54	46	66	69	69	64	62	69
16	-	-	-	-	-	-	-	-	-	78	81	59	46	46	50
17	34	34	30	30	32	16	20	80	82	75	69	65	64	60	66
18	54	50	44	42	48	50	46	58	71	75	64	45	54	60	60
19	46	44	38	46	50	75	40	71	-	-	-	-	-	-∞	58
20	98	151	105	66	-∞	-∞	114	167	∞	±∞	±∞	-	75	73	73
21	62	60	56	50	40	24	9	9	-	-	-	-	-	-	-
22	54	36	32	26	20	24	30	50	96	103	87	90	78	69	66
23	38	26	-	-	-	-	58	75	82	85	85	99	98	89	85
24	26	36	42	36	36	40	54	69	91	112	116	89	80	69	62
25	82	89	66	54	58	62	89	158	187	181	108	106	133	130	123
26	58	54	66	36	18	20	38	75	66	89	84	75	73	75	89
27	54	30	30	40	38	38	46	60	89	98	75	73	69	91	103
28	56	42	44	52	50	50	60	54	46	48	106	89	38	42	42
29	38	- 2	9	22	26	-	-	60	50	50	46	±∞	±∞	+∞	+∞
30	69	78	62	85	91	98	105	210	233	224	201	177	174	155	142
31	62	71	89	73	94	96	42	28	2	±∞	-	-	-	-	-
Prom	55.2	50.9	46.3	46.8	35.6	46.1	61.0	94.8	103.1	106.3	94.0	81.4	76.7	75.6	73.3

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	9.11	10.86	19.96	0.83	10.74	11.65	22.39	0.92	1.10	1.18	2.28	0.93	1.29	1.66	2.95	0.78
2	10.03	7.05	17.09	1.43	-	-	-	-	0.63	0.56	1.19	1.12	1.03	0.90	1.93	1.14
3	-	-	-	-	8.72	10.64	19.37	0.82	0.76	0.65	1.41	1.17	1.26	1.23	2.49	1.02
4	-	-	-	-	4.33	8.00	12.33	0.54	1.07	1.12	2.19	0.96	0.62	0.67	1.29	0.92
5	3.70	5.33	9.03	0.70	2.86	3.43	6.29	0.83	0.26	0.23	0.49	1.13	0.27	0.27	0.54	1.00
6	2.90	4.50	7.40	0.65	2.60	2.30	4.90	1.10	0.26	0.29	0.55	0.90	0.30	0.34	0.64	0.88
7	10.17	15.62	25.80	0.65	12.11	9.07	21.18	1.33	1.38	1.68	3.06	0.82	1.75	1.38	3.13	1.27
8	8.01	7.86	15.86	1.02	-	-	-	-	1.45	1.25	2.70	1.16	1.36	1.76	3.12	0.77
9	-	-	-	-	6.21	12.38	18.58	0.51	0.95	1.16	2.11	0.82	0.78	0.84	1.62	0.93
10	-	-	-	-	2.59	7.31	9.90	0.35	0.26	0.31	0.57	0.84	0.32	0.34	0.66	0.94
11	6.36	4.44	10.79	1.42	8.55	10.54	19.09	0.81	0.92	0.99	1.91	0.93	0.99	1.47	2.46	0.67
12	6.48	10.64	17.12	0.61	4.02	6.58	10.61	0.61	0.73	0.88	1.61	0.83	0.57	0.75	1.32	0.76
13	4.55	7.36	11.90	0.63	6.67	7.16	13.83	0.93	0.63	0.64	1.27	0.98	0.98	1.19	2.17	0.82
14	10.34	10.63	20.98	0.97	2.35	1.64	4.00	1.41	1.40	1.46	2.86	0.96	0.26	0.28	0.54	0.93
15	9.78	12.43	22.12	0.79	7.68	8.50	16.18	0.90	1.49	1.41	2.90	1.06	0.98	1.03	2.01	0.95
16	8.07	10.55	18.62	0.76	5.92	7.60	13.52	0.78	1.18	1.32	2.50	0.89	0.75	0.89	1.64	0.84
17	12.61	14.08	26.70	0.89	10.69	13.08	23.76	0.82	1.53	1.70	3.23	0.90	1.64	1.76	3.40	0.93
18	9.54	6.97	16.51	1.36	9.23	10.87	20.10	0.84	1.32	1.74	3.06	0.76	1.34	1.31	2.65	1.02
19	Ru	-	-	-	-	-	-	-	Ru	-	-	-	1.11	1.18	2.29	0.94
20	-	-	-	-	-	-	-	-	0.86	0.77	1.63	1.12	1.30	1.46	2.76	0.89
21	-	-	-	-	-	-	-	-	-	-	-	-	0.95	1.02	1.97	0.93
22	-	-	-	-	6.94	6.91	13.85	1.01	0.86	1.00	1.86	0.86	0.86	0.96	1.82	0.90
23	-	-	-	-	-	-	-	-	0.10	0.15	0.25	0.67	0.36	0.34	0.70	1.06
24	-	-	-	-	-	-	-	-	0.74	0.78	1.52	0.95	1.01	0.98	1.99	1.03
25	-	-	-	-	-	-	-	-	0.61	0.60	1.21	1.02	0.64	0.67	1.31	0.96
26	11.44	14.45	25.89	0.79	8.87	11.80	20.67	0.74	1.35	1.60	2.95	0.84	1.33	1.38	2.71	0.96
27	-	-	-	-	-	-	-	-	1.55	1.43	2.98	1.08	1.12	1.39	2.51	0.80
28	6.20	5.33	11.53	1.18	12.63	14.56	27.19	0.86	0.78	0.68	1.46	1.15	1.64	2.26	3.90	0.72
29	-	-	-	-	6.84	7.81	14.65	0.86	1.24	1.12	2.36	1.11	0.86	0.88	1.74	0.98
30	4.84	7.51	12.34	0.64	3.94	8.27	12.22	0.47	0.93	0.85	1.78	1.09	0.69	1.18	1.87	0.58
31	-	-	-	-	-	-	-	-	0.62	0.44	1.06	1.41	0.56	1.22	1.78	0.46
Prom.	7.89	9.15	17.04	0.90	6.88	8.58	15.46	0.83	0.93	0.96	1.89	0.98	0.93	1.06	2.00	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
101	78	71	42	40	34	44	38	38		∞	- 2	-	3*
-	44	-14	46	60	62	94	94	75		∞	-∞	-	3*
87	71	73	85	94	54	42	48	38		∞	-18	-	3*
54	27	48	62	30	22	28	28	26	54.2	229	-16	245	1
96	91	-	-	-	52	75	85	62		153	-14	167	1*
183	133	82	-	-	-	-	87	64		238	16	222	0*
46	50	62	62	54	22	28	32	34	40.0	107	0	107	0
5	2	-	-	-	24	36	-	-		∞	-∞	-	3*
46	66	89	54	78	62	89	121	60		∞	-∞	-	3*
18	-54	-94	7	- 7	-	46	54	62		∞	-∞	-	3*
66	62	69	66	66	62	60	52	48	75.1	215	-∞	-	1
75	43	56	34	46	46	62	101	96	70.1	171	- 7	178	1
98	100	123	144	-	60	66	66	62		263	22	241	0*
62	78	96	98	80	87	85	66	58	68.9	153	14	139	0
64	73	121	54	38	34	-	-	-		206	- 4	210	1*
42	57	75	36	22	18	40	38	40		137	-18	155	1*
58	52	66	82	112	50	62	56	46	55.9	149	-20	169	1
62	61	69	103	87	32	69	66	56	59.4	153	0	153	0
82	94	78	94	80	30	-	137	85		∞	-∞	-	3*
60	32	34	36	38	46	62	69	73		∞	-∞	-	3*
50	60	66	66	66	110	87	78	50		167	-102	269	1*
62	60	62	44	62	71	62	60	52	58.2	133	14	119	0
94	57	46	60	130	36	50	50	32		158	2	156	0*
58	62	54	85	114	71	85	123	114	71.8	149	14	135	0
123	95	85	82	94	80	58	56	62	98.4	245	5	240	0
75	87	82	87	110	56	66	54	44	65.7	192	5	187	0
107	80	80	82	80	40	36	64	121	67.7	199	-12	211	1
38	36	40	69	94	50	44	10	30	51.2	∞	-73	-	1
40	63	$\pm\infty$	$\pm\infty$	$+\infty$	30	36	32	32		∞	-∞	-	3*
133	128	117	139	215	153	171	169	144	144.7	256	50	206	0
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
72.8	65.7	70.4	78.2	88.8	60.1	65.4	66.9	66.5	70.1				

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^-
-	58	62	4.41	6.10	853	981	1834	0.87	0.86	1.81
133	107	26	4.24	1.67	796	624	1420	1.26	1.24	1.16
-	-	71	-	5.89	1477	981	2458	1.50	1.12	2.21
64	66	34	2.82	1.46	735	737	1472	1.00	1.34	0.49
62	66	75	1.08	1.35	509	811	1320	0.63	-	1.51
66	62	128	1.14	2.73	490	624	1114	0.78	-	0.30
32	38	56	3.88	5.84	1303	796	2099	1.64	0.41	0.99
48	54	-18	4.86	-1.87	735	1020	1755	0.72	0.53	0.54
60	-∞	66	-	3.56	796	796	1592	1.00	1.84	0.98
101	121	-138	2.30	-3.04	551	454	1005	1.21	-	0.43
114	89	58	5.67	4.76	735	1136	1871	0.65	0.27	1.12
103	87	48	4.67	2.11	735	853	1588	0.86	0.53	0.43
139	107	107	4.53	7.74	1136	614	1750	1.85	0.32	0.97
62	66	71	6.29	1.28	1165	1079	2244	1.08	0.84	-
64	73	89	7.06	5.96	1306	1224	2530	1.07	0.70	1.44
78	64	60	5.33	3.28	981	-	981	-	1.20	-
73	66	54	7.11	6.12	1136	490	1626	2.32	0.80	-
58	50	60	5.10	5.30	859	681	1540	1.26	1.38	0.27
-	-	85	-	6.49	964	1651	2615	0.58	1.14	1.07
-	-	26	-	2.39	796	301	1097	2.64	-	-
-	-	54	-	3.55	859	1251	2110	0.69	2.07	0.87
89	101	62	6.26	3.76	907	796	1703	1.14	1.01	1.97
80	82	52	0.68	1.21	551	341	892	1.62	1.42	-
112	94	60	4.76	3.98	905	735	1640	1.23	0.39	0.55
89	89	85	3.59	3.71	429	454	883	0.94	-	-
75	75	85	7.38	7.68	1362	1591	2953	0.86	2.40	1.36
52	71	80	7.05	6.69	1303	1039	2342	1.22	0.98	0.75
117	112	34	5.45	4.42	670	737	1407	0.91	1.18	-
46	$\pm\infty$	73	-	4.23	245	916	1161	0.27	-	1.50
190	187	128	11.10	7.98	796	735	1531	1.08	0.24	1.07
-	-	-	-	-	1098	1100	2198	1.00	1.29	1.61
84	82	57	4.86	3.88	876	851	1701	1.13	1.02	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	54.0	54.1	53.6	52.1	53.5	54.1	55.2	55.8	55.6	54.3	53.7	54.2	53.9	53.2	52.9
2	53.8	53.8	53.5	53.2	53.6	53.8	53.7	53.8	53.5	53.4	52.9	52.5	52.4	52.0	52.0
3	51.8	51.3	51.1	51.3	51.6	51.5	52.9	54.0	54.0	52.3	51.9	52.3	52.0	51.9	51.7
4	52.9	52.6	52.4	52.2	52.9	53.5	54.2	54.4	54.6	54.7	54.5	54.5	54.2	53.4	53.0
5	56.9	57.1	57.3	57.7	58.3	59.2	59.9	60.7	61.0	61.0	61.1	61.1	61.5	61.7	61.8
6	65.0	65.1	65.2	65.4	65.4	65.8	66.3	66.4	66.5	66.5	66.3	65.8	65.7	65.3	64.8
7	63.7	63.7	63.6	63.4	63.4	63.7	63.7	63.8	63.7	63.2	62.4	61.6	61.2	60.4	59.4
8	57.5	57.1	56.8	56.6	56.5	56.6	56.9	56.6	56.2	55.4	54.7	53.9	53.1	52.3	51.7
9	52.2	52.3	52.4	52.1	52.9	53.3	53.9	56.1	55.0	54.6	54.7	54.7	54.6	51.0	52.7
10	55.5	55.2	55.5	55.3	55.7	56.2	56.7	57.2	57.4	57.3	57.5	57.7	57.6	57.7	57.7
11	60.5	61.0	60.9	61.3	61.6	61.8	62.3	62.6	62.8	62.6	62.5	62.3	62.0	61.8	61.4
12	63.4	63.4	63.5	63.7	63.8	64.2	64.4	64.8	64.7	64.6	64.6	64.4	64.0	63.7	63.3
13	64.7	64.7	64.9	65.1	65.5	65.9	66.3	66.6	66.7	66.7	66.5	66.3	66.0	65.4	64.9
14	64.6	64.8	64.9	64.9	65.0	65.2	65.4	65.4	65.4	65.3	65.1	64.8	64.3	63.5	63.1
15	62.2	62.1	61.9	61.8	61.8	62.1	62.2	62.2	62.1	61.8	61.4	60.7	59.8	59.3	59.0
16	59.3	59.1	59.0	58.9	59.1	59.3	59.8	59.8	59.9	59.9	59.8	59.6	59.5	59.2	58.8
17	58.7	58.7	58.6	58.7	58.8	58.9	59.1	59.1	59.0	58.8	58.4	57.8	57.0	56.3	55.6
18	55.2	55.2	55.0	54.9	54.9	55.0	55.4	55.7	55.7	55.8	55.5	55.2	54.8	54.1	53.8
19	53.9	53.9	53.7	53.5	53.3	53.8	54.0	54.2	55.2	57.7	58.1	57.6	56.2	53.6	52.7
20	53.9	53.8	53.6	53.1	53.4	53.2	54.2	54.9	55.7	52.9	50.6	51.7	51.9	51.3	51.2
21	49.5	49.1	47.4	47.0	46.6	45.5	45.5	47.8	48.4	48.5	50.1	50.4	50.2	50.6	52.3
22	57.4	58.1	58.4	59.0	59.5	60.2	61.2	62.0	62.1	62.4	62.5	62.5	62.5	62.2	62.3
23	64.1	64.1	64.1	64.5	64.8	65.0	65.1	65.8	65.6	65.6	65.4	64.9	64.8	64.5	64.3
24	67.6	67.4	67.0	67.0	67.3	67.8	68.2	68.8	68.9	69.0	68.7	68.4	68.2	67.9	67.7
25	67.0	66.9	66.8	66.4	66.5	66.4	66.5	66.6	66.4	66.0	65.8	65.6	64.9	64.6	64.0
26	64.0	63.9	63.8	63.8	63.9	63.9	64.3	64.7	64.7	64.6	64.3	63.9	63.2	62.8	62.3
27	61.0	60.7	60.4	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.0	59.4	58.6	57.8	57.4
28	56.4	56.2	55.5	55.3	55.3	55.2	55.5	55.6	55.4	55.4	55.0	54.7	54.5	53.8	53.7
29	56.7	57.2	56.9	57.5	57.5	58.7	58.6	59.4	59.3	59.4	59.4	58.9	59.6	59.4	59.8
30	62.6	63.2	63.4	63.4	64.1	64.2	64.8	65.0	65.1	65.1	65.3	65.2	65.0	65.0	65.0
31	64.8	64.2	62.9	63.0	62.5	62.4	62.4	62.0	62.1	62.5	62.4	62.1	61.4	61.0	59.8
Prom	59.1	59.0	58.8	58.8	59.0	59.2	59.6	60.1	60.1	59.9	59.7	59.5	59.2	58.6	58.4

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	20.9	21.0	20.9	20.9	21.0	20.4	20.5	21.3	21.3	21.3	23.2	24.3	25.5	26.0	25.8
2	19.3	18.2	17.5	17.1	16.3	16.4	17.7	21.3	24.5	25.9	27.0	29.1	29.4	29.3	25.1
3	20.9	20.8	19.6	19.4	19.5	19.9	19.9	20.0	19.7	19.4	20.2	21.8	22.8	24.4	24.4
4	17.4	17.2	16.6	16.4	16.1	15.6	17.2	20.5	22.4	24.2	24.6	26.8	27.5	28.0	28.6
5	17.0	17.1	17.3	16.6	16.6	16.7	16.6	17.3	17.9	20.1	21.4	21.9	22.4	22.5	22.1
6	13.5	13.1	12.6	12.4	12.4	12.1	12.4	16.1	18.8	20.1	21.0	20.9	21.5	21.4	21.4
7	16.0	16.1	15.4	15.1	14.2	14.2	14.9	18.4	20.0	21.1	22.4	23.1	24.0	24.8	25.1
8	18.6	18.4	18.2	17.8	17.9	18.0	18.3	20.1	22.6	23.9	25.7	26.4	27.6	28.4	28.2
9	21.6	20.9	19.6	19.5	19.7	19.3	19.0	19.0	19.3	19.5	20.3	20.0	19.6	19.2	20.6
10	14.7	14.0	13.6	13.3	13.3	13.1	13.4	14.6	16.7	20.3	21.3	22.4	22.8	21.0	21.9
11	14.3	13.6	13.3	13.2	13.2	13.0	13.2	13.8	15.3	16.7	17.8	18.8	18.6	19.0	18.8
12	8.7	8.0	7.6	7.5	7.1	7.0	7.4	11.3	14.9	17.2	18.5	19.9	20.8	21.2	21.8
13	11.5	11.4	12.1	12.1	12.4	12.5	13.6	18.0	19.4	21.0	21.7	22.2	22.7	23.2	23.0
14	17.0	16.6	16.2	15.5	15.1	15.0	15.3	18.0	20.2	21.5	22.4	23.4	23.8	24.6	24.0
15	15.3	15.7	15.4	15.4	15.3	15.4	15.5	16.9	18.6	20.6	22.6	24.0	23.3	23.8	23.5
16	17.3	16.7	17.3	17.1	16.3	16.1	16.1	19.9	21.8	23.7	24.4	25.1	25.3	25.8	25.3
17	16.0	15.9	15.2	14.5	14.4	14.5	14.6	19.1	21.8	23.9	25.0	26.2	26.7	27.2	26.8
18	18.4	18.0	17.3	16.8	16.9	16.9	17.5	19.8	22.2	24.4	26.1	27.5	28.1	28.8	28.8
19	23.2	23.2	22.9	22.2	22.2	22.4	22.6	24.2	20.8	19.5	19.2	19.0	19.2	20.4	22.8
20	19.1	19.2	19.2	19.1	19.5	19.6	19.7	20.0	20.0	20.5	24.5	25.2	26.4	26.4	25.2
21	21.9	21.6	21.7	22.0	23.0	24.0	24.8	22.4	19.4	18.5	17.2	15.7	15.4	15.4	15.6
22	16.0	15.2	14.8	14.5	14.1	13.7	13.5	14.4	16.2	16.9	18.7	19.4	20.0	21.2	20.9
23	9.2	9.4	9.0	8.8	9.0	9.2	9.4	11.2	16.5	19.0	19.9	20.0	20.7	20.8	20.2
24	13.8	13.3	12.9	12.8	11.9	11.3	11.3	13.9	15.8	17.2	18.3	19.0	19.5	20.0	20.1
25	10.1	10.0	10.1	10.0	9.8	10.0	10.6	14.3	17.8	18.7	19.6	21.1	21.4	21.6	21.7
26	13.6	13.8	13.9	13.1	12.6	12.5	13.4	15.8	18.1	20.4	21.6	22.3	22.3	21.8	21.7
27	14.0	13.2	12.7	12.4	12.2	12.2	12.8	16.6	19.2	21.4	22.3	22.7	23.0	23.2	23.4
28	15.3	15.9	16.2	16.6	16.2	15.6	16.5	19.0	21.0	23.4	25.3	26.2	26.9	27.2	27.6
29	17.3	17.3	17.0	16.8	15.6	15.6	15.3	15.6	15.6	16.2	17.1	17.1	16.5	16.4	16.4
30	10.9	9.5	9.4	9.8	8.3	8.4	8.5	11.4	14.1	15.3	16.8	17.6	18.2	18.0	18.2
31	8.7	8.1	8.1	8.3	8.0	8.8	9.5	13.4	13.6	14.4	13.8	15.0	15.2	15.2	15.1
Prom	15.9	15.6	15.3	15.1	14.8	14.8	15.2	17.3	18.9	20.2	21.3	22.1	22.5	22.8	22.7

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
52.9	53.2	53.5	53.8	54.3	54.7	54.8	54.1	53.5	55.8	8	52.1	4	3.7	754.0 mm.	1005.3 mb.
51.5	51.5	51.8	52.0	52.3	52.4	52.3	51.9	52.0	53.8	1-2,6,8	51.5	16-17	2.3	52.7	1003.6
51.6	51.7	51.7	52.1	52.6	53.0	53.2	53.1	52.9	54.0	8-9	51.1	3	2.9	52.2	1002.9
53.2	53.6	53.7	54.1	55.2	55.8	56.5	56.9	57.0	57.0	24	52.2	4	4.8	54.2	1005.6
61.9	62.3	62.7	63.4	64.0	64.6	64.7	64.6	64.9	64.9	24	56.9	1	8.0	61.2	1014.9
64.5	64.2	64.2	63.9	64.2	64.2	64.0	64.0	63.7	66.5	9-10	63.7	24	2.8	65.1	1020.1
59.3	58.6	58.4	58.5	58.6	58.6	58.5	58.3	57.9	63.8	8	57.9	24	5.9	61.2	1014.8
50.9	50.3	50.7	51.5	51.4	50.9	51.3	52.0	52.3	57.5	1	50.3	17	7.2	53.9	1005.2
52.6	52.8	53.2	53.9	54.4	54.9	54.9	55.6	55.7	56.1	8	51.0	14	5.1	53.8	1005.0
57.7	57.8	58.1	58.5	59.4	60.1	60.3	60.4	60.5	60.5	24	55.2	2	5.3	57.6	1010.1
61.4	61.5	61.4	61.7	62.2	62.6	63.1	63.3	63.5	63.5	24	60.5	1	3.0	62.0	1016.0
63.2	63.3	63.6	63.7	64.2	64.5	64.6	64.7	64.7	64.8	8	63.2	16	1.6	64.0	1018.6
64.7	64.5	64.3	64.3	64.6	64.8	64.8	64.7	64.5	66.7	9-10	64.3	18-19	2.4	65.3	1020.4
62.8	62.6	62.4	62.3	62.6	62.6	62.6	62.4	62.3	65.4	7-9	62.3	19,24	3.1	63.9	1018.5
58.7	58.5	58.5	58.8	59.2	59.5	59.6	59.7	59.4	62.2	1,7-8	58.5	17-18	3.7	60.5	1014.0
58.6	58.5	58.5	58.6	58.7	58.8	58.8	58.9	58.9	59.9	9-10	58.5	17-18	1.4	59.1	1012.1
55.2	55.0	55.1	55.0	55.2	55.5	55.5	55.5	55.5	59.1	7-8	55.0	17,19	4.1	57.1	1009.4
53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8	54.0	55.8	10	53.6	16-17	2.2	54.6	1006.1
52.8	52.8	53.4	53.4	54.0	54.0	53.9	54.5	54.0	58.1	11	52.7	15	5.4	54.3	1005.7
49.8	51.0	50.9	51.0	51.1	51.8	51.6	51.3	50.5	55.7	9	49.8	16	5.9	52.3	1003.0
52.5	53.2	53.7	54.5	53.5	54.8	56.4	56.8	56.7	56.8	23	45.5	6-7	11.3	50.9	1001.2
62.5	62.8	63.0	63.5	63.8	64.5	64.3	64.3	64.1	64.5	21	57.4	1	7.1	61.9	1015.8
64.3	64.7	65.3	65.8	66.2	66.5	67.0	67.3	67.7	67.7	24	64.1	1-3	3.6	65.3	1020.4
67.2	67.1	67.3	67.2	67.7	67.8	67.7	67.6	67.5	69.0	10	67.0	3-4	2.0	67.8	1023.7
63.9	63.8	63.9	64.0	64.4	64.5	64.6	64.4	64.1	67.0	1	63.8	17	3.2	65.3	1020.4
61.9	61.7	61.4	61.2	61.2	61.2	61.2	61.2	61.2	64.7	8-9	61.2	19-24	3.5	62.9	1017.2
56.8	56.5	56.4	56.0	56.2	56.2	56.2	56.5	56.7	61.0	1	56.0	19	5.0	38.5	1011.3
53.6	53.6	53.7	54.3	54.8	55.0	55.6	56.7	56.8	56.8	24	53.6	16-17	3.2	55.1	1006.8
60.1	59.5	60.8	60.6	61.5	62.1	62.4	62.4	62.8	62.8	24	56.7	1	6.1	59.6	1012.8
64.9	64.9	65.0	64.9	65.2	65.3	65.4	64.9	64.8	65.4	22	62.6	1	2.8	64.6	1019.4
59.8	59.3	58.8	59.2	60.1	59.1	58.5	58.3	58.4	64.8	1	58.3	23	6.5	61.1	1014.8
58.2	58.2	58.4	58.6	58.9	59.2	59.3	59.4	59.3	61.3		57.0		4.3	59.1	1012.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
26.0	25.4	24.2	23.3	22.0	21.4	21.0	20.6	19.7	26.0	14,16	19.7	24	6.3	22.4
25.0	25.2	24.0	22.3	21.0	20.9	21.4	21.4	21.5	29.4	13	16.3	5	13.1	22.4
25.6	26.0	24.7	22.0	20.2	19.2	18.3	17.9	17.4	26.0	17	17.4	24	8.6	21.0
28.4	25.2	23.9	23.5	22.2	20.9	19.6	17.9	17.3	28.6	15	15.6	6	13.0	21.6
21.5	20.5	19.1	17.3	16.0	15.3	14.5	14.0	13.8	22.5	14	13.8	24	8.7	18.2
21.3	20.7	19.0	17.4	16.3	15.0	14.3	13.9	14.8	21.5	13	12.1	6	9.4	16.8
24.6	23.7	22.8	21.2	20.9	20.1	19.5	19.3	18.6	25.1	15	14.2	5-6	10.9	19.8
27.7	26.7	25.4	23.9	23.7	23.2	23.0	22.6	22.2	28.4	14	17.8	4	10.6	22.8
21.2	21.4	20.4	19.1	17.8	16.2	16.3	15.5	14.9	21.6	1	14.9	24	6.7	19.2
21.5	20.8	19.4	17.9	17.3	16.4	16.1	15.6	15.2	22.8	13	13.1	6	9.7	17.4
18.1	17.7	16.4	14.0	12.3	11.3	10.3	9.9	9.2	19.0	14	9.2	24	9.8	14.7
21.5	20.1	18.5	17.0	15.3	14.1	13.1	12.5	12.0	21.8	15	7.0	6	14.8	14.3
22.5	22.3	20.7	18.7	17.6	17.5	17.5	17.3	17.1	23.2	14	11.4	2	11.8	17.8
23.5	22.4	21.3	19.8	18.8	18.6	17.8	17.2	15.9	24.6	14	15.0	6	9.6	19.3
23.7	22.2	21.3	18.6	17.6	17.7	17.5	17.5	17.7	24.0	12	15.3	1,5	8.7	19.0
25.6	25.2	22.8	20.1	18.6	17.8	17.3	16.5	15.9	25.8	14	15.9	24	9.9	20.3
26.3	25.2	22.9	19.9	19.0	17.9	18.1	18.2	18.4	27.2	14	14.4	5	12.8	20.3
28.4	27.3	26.8	25.1	23.6	23.1	22.9	22.7	23.0	28.8	14-15	16.8	4	12.0	22.9
23.1	22.8	21.8	20.8	19.4	19.5	19.4	19.2	19.2	24.2	8	19.0	12	5.2	21.2
23.6	23.1	22.8	22.8	21.8	21.5	21.5	21.6	21.9	26.4	13-14	19.1	1,4	7.3	21.9
15.9	16.5	16.5	16.2	16.0	15.8	15.7	15.9	15.1	24.8	7	15.4	13-14	9.4	18.5
19.7	19.3	17.1	14.0	12.0	10.7	10.1	9.7	9.3	21.2	14	9.3	24	11.9	15.5
19.5	18.8	17.8	17.0	16.2	15.0	14.2	14.0	14.1	20.8	14	8.8	4	12.0	15.0
19.9	19.1	17.2	14.9	12.6	11.6	11.1	10.4	10.2	20.1	15	10.2	24	9.9	14.9
21.4	20.5	18.4	16.6	15.8	15.3	14.6	14.6	14.5	21.7	15	9.8	5	11.9	15.8
22.2	21.0	18.9	17.2	15.8	15.5	15.2	14.7	14.0	22.3	12-13	12.5	6	9.8	17.1
23.1	22.1	19.6	17.8	17.0	16.6	16.0	15.3	15.0	23.4	15	12.2	5-6	11.2	17.7
26.9	26.8	22.3	20.9	19.5	18.8	18.7	17.7	17.4	27.6	15	15.3	1	12.3	20.8
16.0	15.4	14.9	13.8	13.6	13.2	12.8	12.6	11.7	17.3	1-2	11.7	24	5.6	15.4
17.8	17.5	15.3	13.7	12.2	11.7	10.7	10.4	9.4	18.2	13,15	8.3	5	9.9	13.0
14.7	14.1	13.7	13.5	13.6	12.4	13.1	14.0	14.1	15.2	13-14	8.0	5	7.2	12.4
22.5	21.8	20.3	18.7	17.6	16.9	16.5	16.2	15.9	23.5		13.5		10.0	18.4

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	89	83	88	85	82	85	87	85	78	73	58	58	51	55	56
2	92	95	98	98	99	100	100	87	73	68	65	57	56	58	81
3	98	99	98	99	99	99	98	99	98	98	78	72	70	66	66
4	92	96	95	96	96	96	97	86	77	71	69	62	57	56	53
5	85	85	84	84	82	80	77	72	67	59	53	52	53	53	54
6	83	83	84	85	85	85	81	70	63	60	55	56	56	55	49
7	78	75	79	79	86	88	84	69	62	59	54	50	48	46	43
8	80	82	81	83	83	83	81	74	68	65	64	63	63	63	64
9	91	92	96	98	97	96	93	94	89	89	84	85	89	94	84
10	95	95	95	97	96	96	96	96	86	70	63	60	59	72	63
11	95	97	96	94	94	95	87	76	67	59	56	46	47	43	42
12	93	92	91	92	91	92	91	84	73	61	55	52	54	51	49
13	99	100	100	99	98	100	98	80	66	59	49	47	46	44	46
14	77	79	81	86	89	88	86	74	63	56	53	51	49	47	48
15	90	85	84	84	85	86	86	78	70	61	57	54	55	53	49
16	86	92	77	73	75	79	81	65	57	48	45	41	42	42	43
17	84	85	89	91	93	94	94	75	59	54	48	46	44	46	45
18	78	77	82	88	96	97	96	82	71	64	57	52	52	52	52
19	72	72	72	75	77	75	79	77	91	92	93	94	91	91	80
20	97	97	97	97	97	97	97	97	96	89	61	60	63	61	70
21	93	94	90	91	92	91	89	88	97	96	97	96	92	93	94
22	78	85	88	87	85	85	84	76	66	62	57	52	46	42	39
23	94	93	95	99	98	99	99	96	76	64	59	61	58	56	57
24	77	79	82	82	83	86	85	71	65	58	52	46	44	43	44
25	97	97	94	94	97	95	96	86	77	70	65	58	55	54	50
26	94	95	91	90	94	95	94	80	69	60	49	47	48	51	52
27	85	89	93	94	95	96	95	75	65	52	49	49	49	48	48
28	89	85	86	83	88	92	91	81	72	64	57	46	43	44	44
29	75	75	78	81	96	95	95	90	88	80	68	63	59	62	59
30	82	86	84	88	93	94	94	85	75	68	60	56	54	53	53
31	84	86	83	83	86	83	84	60	59	62	78	66	66	73	81
Prom.	87	88	88	89	91	91	90	81	74	67	62	58	57	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	16.0	15.0	16.0	15.0	15.0	14.5	15.5	15.9	14.5	13.5	12.0	13.0	12.5	13.5	14.0
2	15.0	14.0	14.5	14.0	13.0	13.5	14.5	16.2	16.5	16.5	16.5	17.0	17.5	17.4	19.5
3	17.5	17.5	16.5	16.0	16.5	16.5	16.5	17.0	16.5	16.0	13.5	14.0	13.5	15.0	15.0
4	13.5	14.0	13.0	13.5	13.0	12.5	14.0	15.3	15.5	16.0	15.5	16.0	15.5	15.8	15.0
5	11.5	12.0	12.0	11.5	11.5	11.0	10.5	10.6	10.0	10.0	10.0	10.0	10.5	10.8	10.0
6	9.5	9.0	8.5	8.5	8.5	8.5	8.5	9.5	10.0	10.0	9.5	10.5	11.0	10.5	9.0
7	10.5	9.5	10.0	9.5	10.5	10.5	10.0	11.0	10.5	10.5	10.5	10.0	10.5	10.6	10.0
8	12.0	13.0	12.5	12.5	12.5	12.5	12.5	13.0	13.5	13.5	15.0	16.0	17.0	18.1	17.5
9	17.5	17.0	16.5	16.0	16.5	16.0	15.0	15.4	14.5	14.5	14.5	14.0	14.5	15.6	14.5
10	11.5	11.0	10.5	11.0	11.0	10.5	11.0	12.0	12.0	12.0	11.5	11.5	11.5	13.2	12.0
11	11.0	11.0	11.0	10.0	10.0	10.0	9.5	8.9	8.5	8.0	8.5	7.6	7.6	7.0	6.8
12	7.6	7.4	7.2	7.0	6.8	6.8	7.0	8.4	9.0	9.0	8.0	9.0	9.5	9.6	9.0
13	9.5	9.5	10.0	10.0	10.0	10.5	11.0	12.1	11.0	10.5	9.0	9.5	9.5	9.4	9.5
14	11.0	10.5	11.0	11.5	11.0	11.0	11.0	11.4	11.0	11.0	10.5	11.0	10.0	10.7	10.5
15	11.0	11.0	10.5	10.5	10.5	11.0	11.5	11.1	10.5	11.0	11.5	11.5	11.0	11.5	10.0
16	12.5	13.0	11.0	10.5	10.0	10.5	11.0	11.4	11.0	10.0	9.5	10.0	10.0	10.2	10.0
17	11.0	11.0	11.0	11.0	11.0	11.0	11.0	12.4	11.0	11.5	11.0	12.0	11.0	12.3	11.0
18	12.0	11.5	12.0	12.0	13.5	13.5	14.5	13.9	14.0	14.0	14.5	14.0	14.5	15.2	15.5
19	15.0	15.0	15.0	14.5	15.0	14.5	15.5	17.2	16.5	15.5	15.0	15.0	15.0	16.1	16.0
20	16.0	16.0	16.0	16.0	16.0	16.5	16.5	16.9	17.0	15.5	14.0	14.5	16.0	15.7	16.0
21	18.0	17.5	16.5	18.0	19.0	20.5	20.5	17.6	16.0	15.5	14.0	12.5	12.0	12.2	12.0
22	10.5	10.5	11.0	10.5	9.5	9.5	9.5	9.3	9.0	9.0	9.0	8.5	8.0	8.0	6.8
23	7.8	8.0	7.8	8.0	8.0	8.0	8.5	9.4	10.5	10.0	9.5	10.5	10.0	10.3	10.0
24	9.0	8.5	9.0	9.0	8.5	8.5	8.0	8.4	8.0	8.5	8.0	7.8	7.2	7.4	7.4
25	9.0	8.5	8.5	8.5	8.5	8.5	9.0	10.5	11.5	10.5	10.5	10.5	10.0	10.4	9.0
26	10.5	10.5	10.5	9.5	10.0	10.0	10.5	10.6	10.0	10.0	9.0	9.5	9.5	10.0	10.0
27	9.5	9.5	10.0	9.5	9.5	10.0	10.0	10.6	10.0	10.0	9.5	9.5	9.5	10.0	10.0
28	11.0	11.0	12.0	11.5	12.0	12.0	12.5	13.2	13.0	13.0	13.5	12.0	11.0	12.0	11.5
29	10.5	10.5	11.0	11.5	12.5	12.0	12.0	11.8	11.5	10.5	9.5	9.0	8.0	8.6	7.8
30	7.8	7.6	7.2	7.8	7.4	7.6	7.6	8.6	8.5	8.5	8.0	8.5	8.0	8.1	8.0
31	6.8	7.0	6.6	6.6	7.0	6.8	7.2	6.9	6.6	7.6	9.0	8.5	8.5	9.3	10.5
Prom.	11.7	11.5	11.4	11.3	11.4	11.4	11.7	12.1	11.9	11.7	11.3	11.4	11.3	11.8	11.4

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
13.0	17.5	15.0	15.0	16.0	15.5	15.0	14.5	14.5	17.5	17	12.0	11	5.5	14.7
18.0	20.5	17.0	17.5	16.4	17.0	18.5	17.5	17.5	20.5	17	13.0	5	7.5	16.5
15.0	15.5	16.5	17.0	15.6	15.0	14.5	14.0	13.5	17.5	1-2	13.5	11,13,24	4.0	15.6
16.5	16.0	16.0	16.5	11.5	10.5	13.0	11.5	12.0	16.5	16,19	10.5	21	6.0	14.2
10.0	9.0	9.5	9.0	8.8	8.5	8.5	9.0	9.5	12.0	2-3	8.5	21-22	3.5	10.2
9.5	10.0	11.0	11.5	12.0	11.5	11.0	11.5	11.5	12.0	20	8.5	3-7	3.5	10.0
9.5	10.0	10.5	11.5	12.2	12.5	12.0	12.0	12.0	12.5	21	9.5	2,4,16	3.0	10.7
18.5	18.5	19.5	20.0	20.7	19.5	19.0	17.5	17.0	20.7	20	12.0	1	8.7	15.9
13.5	13.5	14.5	13.5	12.5	12.0	10.5	11.5	11.5	17.5	1	10.5	22	7.0	14.4
11.5	12.0	12.0	11.5	13.0	13.5	13.0	12.0	11.5	13.5	21	10.5	3,6	3.0	11.8
6.6	6.4	7.2	8.0	8.3	8.0	7.6	7.8	7.8	11.0	1-3	6.4	17	4.6	8.5
10.0	10.0	10.5	11.0	11.4	11.0	10.0	10.5	10.0	11.4	20	6.8	5-6	4.6	9.0
8.5	8.5	9.5	10.5	11.1	11.5	11.5	12.0	12.0	12.1	8	8.5	16-17	3.6	10.2
10.0	10.5	10.5	12.0	12.4	12.0	12.5	12.5	12.0	12.5	22-23	10.0	13,16	2.5	11.2
10.0	11.5	11.5	11.5	11.5	10.5	11.5	12.0	11.5	12.0	23	10.0	15-16	2.0	11.1
10.0	10.0	10.5	11.5	12.0	11.5	11.0	11.5	11.0	13.0	2	9.5	11	3.5	10.8
10.5	11.0	12.0	12.5	14.0	13.0	13.5	12.0	12.0	14.0	20	10.5	16	3.5	11.6
15.0	15.5	16.0	16.0	16.0	15.0	15.0	15.5	16.0	16.0	18-20,24	11.5	2	4.5	14.4
16.0	16.5	17.0	16.5	16.1	16.0	16.0	16.0	16.0	17.2	8	14.5	4,6	2.7	15.7
16.5	17.0	18.0	18.0	17.2	17.5	17.5	17.5	18.0	18.0	18-19,24	14.0	11	4.0	16.5
12.0	12.0	12.0	12.0	12.1	12.0	11.5	11.0	10.5	20.5	6-7	10.5	24	10.0	14.4
7.2	7.0	8.0	9.0	8.9	8.0	8.5	8.0	8.0	11.0	3	6.8	15	4.2	8.8
9.5	10.0	10.0	10.0	9.9	9.5	8.5	8.5	8.5	10.5	9,12	7.8	1,3	2.7	9.2
7.4	7.8	9.5	9.5	9.2	9.0	9.0	9.0	9.0	9.5	18-19	7.2	13	2.3	8.4
10.0	10.0	11.0	11.5	11.7	11.0	10.5	10.5	10.5	11.7	20	8.5	2-6	3.2	10.0
9.5	9.5	9.0	10.5	10.2	10.0	9.5	10.0	9.5	10.6	8	9.0	11,18	1.6	9.9
10.0	10.0	11.5	11.5	11.7	11.5	11.0	11.0	11.5	11.7	20	9.5	1-2,4-5,11-13	2.2	10.3
11.0	12.5	13.5	14.0	14.6	14.0	14.5	11.5	10.5	14.6	20	10.5	24	4.1	12.4
8.5	8.5	8.5	9.5	10.3	9.5	9.0	8.5	8.0	12.5	5	7.8	15	4.7	9.9
7.8	7.8	8.0	7.8	8.2	7.8	7.4	7.2	7.2	8.6	8	7.2	3,23-24	1.4	7.8
10.5	11.0	11.0	11.0	11.3	10.0	10.5	11.5	11.5	11.5	23-24	6.6	3-4,9	4.9	8.9
11.3	11.8	12.1	12.5	12.5	12.1	12.0	11.8	11.7	13.9		9.7		4.2	11.7

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	NW	10	NW	19	N	29	S	6	N	7	S	2	Calma	1
2	SW	4	SW	3	NW	2	N	2	Calma	1	S	2	S	2	SE	5	E	6	NE	8	NE	4	N	6	NW	7	SW	5	SW	5
3	E	5	NE	3	SW	2	NE	3	Calma	1	SW	2	SW	3	Calma	1	s/R	-	s/R	-	s/R	-	SW	9	SW	6	SW	3	NW	4
4	NW	5	NW	3	NW	2	W	3	Calma	1	S	2	N	3	Calma	1	SW	3	SW	5	S	3	E	4	E	6	SE	5	SE	5
5	S	13	S	16	S	12	S	10	S	11	S	11	S	13	S	13	S	16	S	14	S	16	S	16	SE	11	SE	14	SE	13
6	S	7	S	7	SE	6	SE	5	SE	6	SE	6	SE	6	SE	9	SE	11	SE	13	E	17	E	17	E	18	E	17	E	16
7	E	13	NE	18	NE	16	NE	16	NE	11	NE	12	NE	14	NE	21	NE	25	NE	28	NE	23	NE	21	NE	21	NE	20	NE	20
8	NE	12	NE	11	NE	11	NE	9	NE	14	NE	11	NE	10	NE	16	NE	20	NE	17	NE	17		14	N	13	N	12	N	10
9	S	3	S	3	SW	6	S	8	S	7	SE	4	S	4	W	7	W	3	SE	6	S	8	S	7	S	4	NE	12	S	9
10	S	3	S	5	S	4	S	5	S	4	S	6	S	6	S	6	S	7	SE	9	SE	10	SE	10	SE	9	E	12	E	11
11	S	4	S	5	SW	9	S	7	S	6	SW	6	S	8	S	8	S	10	S	10	S	11	S	10	SW	13	SW	12	SW	16
12	SW	3	S	2	S	4	S	3	S	4	SW	5	SW	5	SW	5	SW	6	SW	6	SW	8	S	6	SE	6	SE	4	E	6
13	SE	4	SE	5	E	7	E	6	E	6	E	4	E	7	E	8	E	18	E	16	E	15	E	14	E	13	E	13	E	13
14	E	13	E	13	E	16	E	12	E	12	E	11	E	11	E	16	NE	18	NE	22	NE	18	NE	16	E	18	E	16	E	15
15	E	7	E	10	E	11	E	11	E	9	E	9	NE	7	E	12	NE	15	NE	16	NE	14	NE	13	NE	10	E	9	NE	9
16	E	6	E	5	E	8	NE	8	NE	6	NE	7	NE	6	NE	12	N	11	NE	11	N	10	N	8	N	6	N	8	N	8
17	NE	11	NE	7	NE	6	NE	7	NE	7	NE	8	NE	7	NE	7	NE	13	NE	15	NE	16	NE	15	NE	16	NE	14	NE	15
18	E	13	E	14	NE	14	NE	11	NE	13	NE	13	E	13	NE	15	NE	16	NE	14	NE	16	NE	20	NE	18	NE	16	NE	12
19	E	15	E	13	NE	14	NE	13	NE	13	NE	15	NE	15	S	8	S	11	S	25	S	12	SE	12	SE	17	E	22	E	25
20	Calma	1	SE	1	S	4	Calma	1	SE	4	SW	6	S	3	NE	4	NE	5	NE	16	NE	46	S	12	N	17	NE	21	NE	21
21	NE	12	NE	10	NE	14	NE	21	NE	24	NE	27	NE	37	NE	31	SW	17	SW	16	SW	21	SW	26	SW	25	SW	12	SW	10
22	S	9	SW	14	SW	13	SW	13	SW	13	SW	10	SW	12	SW	11	SW	10	SW	10	SW	9	SW	8	SW	7	SW	8	SW	11
23	Calma	1	SW	4	SW	3	SW	4	SW	5	SW	5	S	6	S	6	S	6	SE	7	SE	9	SE	9	SE	17	E	11	E	11
24	S	5	S	6	S	5	S	6	S	6	S	8	S	7	S	10	S	12	S	11	S	12	S	11	S	9	S	9	S	7
25	S	2	S	3	S	4	S	3	S	3	S	4	S	4	S	5	S	2	SE	3	E	7	E	8	E	10	E	9	E	9
26	E	7	E	7	NE	10	NE	6	NE	5	NE	5	NE	5	NE	11	NE	16	NE	17	NE	17	NE	15	NE	15	NE	13	NE	16
27	NE	7	NE	10	NE	12	NE	11	NE	10	NE	9	NE	9	NE	9	NE	15	N	20	N	26	N	24	N	22	N	20	N	19
28	NE	4	NE	4	NE	4	NE	4	E	5	E	4	E	6	NE	6	NE	13	N	12	NW	9	NW	9	NW	9	NW	9	NW	7
29	S	7	S	5	S	2	S	5	S	5	S	3	S	2	S	7	S	5	S	9	S	11	S	11	S	8	S	6	S	4
30	SW	5	SW	4	SW	3	SW	4	SW	3	SW	5	SW	5	S	8	S	13	S	13	S	14	S	12	S	12	S	8	S	9
31	S	6	S	6	S	8	SE	5	SE	5	SE	6	S	4	E	10	E	17	E	13	SE	7	SE	10	SE	9	SE	10	SE	10
DIRECCIÓN PREVALENTE	S		S		NE		NE		NE		NE		S		NE		NE		NE		NE		S		SE		E		E	
NUMERO DE HORAS	10		10		9		11		9		9		11		10		10		10		9		9		6		8		8	
PROM. HOR. DE LA VELOCIDAD		7		7		8		7		7		8		8		10		12		13		11		12		12		11		11

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
Calma	1	Calma	1	W	4	W	5	NW	6	NW	7	NW	9	S	4	S	3	NW	5	7	37	N	10.42
s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	SW	4	4	20	E	14.52
NW	4	W	3	E	2	NE	2	NE	5	N	4	N	2	N	6	N	5	SW	6	4	26	NE	8.13
SE	8	NE	13	NE	8	E	5	S	6	S	7	S	15	S	13	S	14	S	7	6	25	S	21.41
SE	16	SE	14	SE	13	SE	12	s/R	-	s/R	-	SE	8	SE	8	SE	7	S	12	13	25	S	1.40
E	14	E	11	E	11	SE	7	SE	6	SE	3	S	4	SE	6	E	9	SE	12	10	23	E	11.37 13.27
NE	20	NE	19	NE	15	NE	12	NE	13	NE	12	NE	16	NE	12	NE	14	SE	23	17	36	NE	9.24
NE	12	NE	9	NE	9	E	3	NE	5	N	13	N	7	SW	10	SW	3	NE	15	11	22	SW	22.47
SE	10	SE	9	E	9	E	7	SE	6	SE	2	SE	8	S	4	S	3	S	11	6	32	E	13.52
E	12	E	9	SE	8	SE	5	S	4	W	4	Calma	1	SW	3	S	2	S	11	6	16	SE	9.48
SW	12	SW	10	SW	5	SW	2	SW	3	SW	4	Calma	1	S	3	S	2	S	12	7	26	SW	13.32
E	5	E	10	E	6	E	7	SE	3	SE	3	SE	2	SE	3	SE	3	SE SW	7	5	11	SW	10.37
E	12	E	11	E	8	E	10	SE	7	SE	9	E	8	E	8	SE	8	E	19	10	19	NE E	9.04 12.41
E	14	SE	11	SE	10	SE	10	SE	8	SE	6	SE	5	SE	8	SE	5	E	12	13	23	NE	9.38 10.42
NE	12	NE	10	E	9	E	6	E	5	SE	8	SE	8	SE	7	E	7	E	12	10	19	NE	9.42
N	9	N	7	NE	9	NE	6	NE	7	NE	9	NE	8	NE	4	NE	8	NE	13	8	12	NE	8.28
NE	14	NE	16	NE	13	E	8	E	6	E	7	E	8	E	11	E	11	NE	18	11	20	NE	13.26
NE	11	NE	11	NE	6	E	5	E	8	E	10	E	8	E	10	E	10	NE	15	12	26	N	12.01
E	25	E	18	E	5	E	3	Calma	1	SE	4	SW	4	Calma	1	Calma	1	E	8	12	52	W	8.52
NE	26	N	11	NE	6	E	7	E	12	E	12	E	11	E	9	E	11	NE	8	11	68	NE	10.36
W	15	W	14	W	10	W	9	SW	8	SW	8	W	14	W	17	SW	15	SW	10	17	46	N	7.29
SW	9	SW	8	SW	3	Calma	0	Calma	1	SW	2	SW	2	Calma	1	SW	2	SW	20	8	20	SW	3.39
SE	10	SE	7	SE	6	SE	7	SE	7	SE	5	SE	9	SE	8	S	5	SE	12	7	22	SE	12.29
SE	6	SE	7	SE	6	SE	3	S	3	S	3	SE	4	SE	3	S	2	S	18	7	17	S	8.28 9.04
NE	6	E	8	E	10	E	6	E	5	E	8	E	7	E	6	E	7	E	13	6	11	NE	12.48
NE	14	NE	12	NE	9	NE	6	NE	6	NE	6	NE	8	NE	9	NE	8	NE	22	10	20	NE NE S	10.00 11.45 12.17
N	18	N	17	NE	12	NE	7	NE	8	NE	8	NE	8	NE	6	N	3	NE	15	13	30	N	10.36
NW	5	NW	3	Calma	0	E	4	E	4	E	2	E	3	S	10	S	9	E NW	7	6	16	S	22.45 23.09
S	10	SE	8	SW	7	S	4	SW	3	S	3	SW	3	SW	3	SW	3	S	18	6	18	S	11.41
SE	7	S	6	S	4	S	2	S	4	S	6	S	7	S	6	S	7	S	16	7	20	S	9.25
SE	4	SE	6	SE	9	SE	7	SW	3	SW	9	SE	14	SE	10	S	4	SE	14	8	23	E	22.52
SE		SE-SE		SE		E		NE-E -SE		SE		SE		SE		S		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		56 Km.		
8		7		9		12		6		8		8		8		10		NE	171	9	DIRECCIÓN	DÍA	HORA
	11		10		8		6		6		6		7		7		6				NE	20	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	2	36							4	15			2	9	5	51	3	114
2	2	8	2	12	1	6	1	5	2	4	4	17			2	9	1	62
3	4	17	4	13	2	7					6	25	1	3	2	8	2	75
4	1	3	2	21	3	15	3	18	7	60	2	8	1	3	3	10	2	140
5							10	116	12	161								277
6					9	130	12	84	3	18								232
7			23	399	1	13												412
8	6	69	15	183	1	3					2	13						268
9			1	12	2	16	7	45	11	60	1	6	2	10				149
10					4	44	6	51	11	52	1	3	1	4			1	155
11									12	84	11	92					1	177
12					5	34	7	24	5	19	7	38						115
13					19	197	5	33										230
14			4	74	12	167	8	63										304
15			9	106	12	105	3	23										234
16	8	67	13	101	3	19												187
17			18	207	6	51												258
18			15	206	9	91												297
19			5	70	8	126	3	33	4	56	1	4					3	292
20	2	28	8	145	6	62	2	7	3	19	1	6					2	269
21			8	176							10	158	6	79				413
22									1	9	20	175					3	186
23					2	22	12	101	4	23	5	21					1	168
24							6	29	18	132								161
25			1	6	13	100	1	3	9	30								139
26			22	229	2	14												243
27	9	169	15	141														310
28	1	12	6	35	7	28			2	19					7	51	1	145
29							1	8	18	107	5	19						134
30							1	7	16	131	7	29						167
31					3	40	14	112	5	28	2	12						192
SUMAS	35	409	171	2130	130	1290	102	762	147	1027	85	626	13	108	19	129	20	6505
% PREVAL POR VELOCIDAD	6.3		32.7		19.8		11.7		15.8		9.6		1.7		2.0		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		12		10		7		7		7		8		7		1	210

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1		5	8	1	10	3		1	2
1 - 2		7	6	2	10	4		1	
2 - 3		9	4	1	8	6		2	
3 - 4	1	11	3	2	8	3	1		1
4 - 5		9	4	3	8	3			3
5 - 6		9	4	3	7	7			
6 - 7	1	9	4	1	11	4			
7 - 8		10	4	2	9	2	1		2
8 - 9	1	10	3	1	9	4	1	1	
9 - 10	2	10	2	5	6	4		1	
10 - 11	3	9	3	3	8	3		1	
11 - 12	4	6	4	4	9	3		1	
12 - 13	5	5	5	6	4	4		2	
13 - 14	3	6	8	4	4	5		1	
14 - 15	3	6	8	3	4	4		2	1
15 - 16	2	8	6	7	1	2	1	2	1
16 - 17	3	7	6	7	1	2	2	1	1
17 - 18		9	8	6	1	3	2		1
18 - 19		5	12	7	2	1	2		1
19 - 20		6	6	6	4	4		1	2
20 - 21	2	4	5	8	4	4	1	1	
21 - 22	2	4	6	8	3	3	1	1	2
22 - 23	1	4	5	8	6	3	1		2
23 - 24	2	3	6	4	10	4			1
SUMAS	35	171	130	102	147	85	13	19	20
% de frec. por dirección	4.8	23.7	18.0	14.1	20.4	11.8	1.8	2.6	2.8

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	23.4	20.8	0.21	10	0	5	
	10				10	0	4	CH.
1	12	39.0	26.5	1.01	10	1	4	
	14	37.6	27.0	0.86	10	1	5	
	15	33.7	25.9	0.63	10	1	5	
	9	40.4	26.8	1.10	9	2	3	Ju.,B.
	10	40.7	27.6	1.06	9	2	3	Ju.,B.
2	12	56.4	34.6	1.77	7	4	5	
	14	52.4	33.2	1.56	9	3	4	B.
	15				10	0	3	CH.
	9				10	0	3	LL.
	10				10	0	4	LL.
3	12	37.4	25.6	0.96	10	0	5	
	14	37.4	25.8	0.94	10	0	4	
	15	41.7	27.3	1.17	10	2	5	
	9	38.8	24.8	1.14	9	1	5	
	10	35.7	25.4	0.84	10	0	5	
4	12	55.2	31.8	1.90	7	3	5	
	14	52.4	31.5	1.70	3	5	5	
	15	52.0	32.0	1.63	4	4	5	
	9	34.4	20.9	1.10	10	1	5	
	10	46.5	24.8	1.76	3	5	5	
5	12	49.2	27.2	1.79	0	5	5	
	14	46.0	26.5	1.58	0	5	5	
	15	44.8	25.7	1.55	0	5	5	
	9	42.0	22.2	1.61	2	5	3	B.
	10	46.0	24.1	1.78	4	5	4	B.
6	12	47.6	25.6	1.79	0	5	5	
	14	46.8	25.6	1.72	0	5	5	
	15	45.7	25.1	1.67	0	5	5	
	9	44.2	23.8	1.66	1	5	5	
	10	48.3	26.1	1.80	2	4	5	
7	12	49.7	28.1	1.76	2	5	5	
	14	49.8	28.9	1.70	6	5	5	
	15	49.9	29.2	1.68	4	5	5	
	9	44.2	26.6	1.43	7	3	5	
	10	49.9	29.1	1.69	2	5	5	
8	12	54.0	32.2	1.77	6	3	5	
	14	52.5	33.0	1.58	8	3	5	
	15	36.5	29.0	0.61	9	3	5	
	9	24.0	19.4	0.37	10	0	3	Ne.
	10	32.7	21.9	0.88	10	0	3	Ne.
9	12	24.5	20.0	0.36	10	0	4	
	14				10	0	3	LL.
	15	43.1	25.0	1.47	9	3	3	
	9	43.5	22.2	1.73	7	5	4	B.
	10	47.9	25.6	1.81	3	5	4	B.
10	12	48.8	27.5	1.73	7	3	4	B.
	14	30.2	20.8	0.76	9	3	5	
	15	46.6	27.0	1.59	7	3	5	
	9	41.6	20.3	1.73	3	5	5	
	10	44.0	21.7	1.81	0	5	5	
11	12	52.3	25.6	-	7	3	5	
	14	38.8	22.2	1.35	6	3	5	
	15	37.5	20.9	1.35	4	5	5	
	9	41.8	20.0	1.77	0	5	5	
	10	45.2	22.6	1.84	0	5	5	
12	12	45.4	24.7	1.68	8	3	5	
	14	30.2	21.8	0.68	7	0	5	
	15	41.5	25.6	1.29	8	3	5	
	9	44.4	23.8	1.67	0	5	5	
	10	48.4	25.9	1.83	2	5	5	
13	12	50.5	27.6	1.86	4	5	5	
	14	48.7	27.8	1.70	2	5	4	
	15	46.5	26.5	1.63	1	5	4	
	9	44.5	24.5	1.63	0	5	5	
	10	47.4	26.0	1.74	0	5	5	
14	12	47.4	26.5	1.70	4	3	5	
	14	48.7	28.0	1.68	6	3	5	
	15	38.0	25.5	1.01	7	3	5	
	9	35.1	21.5	1.10	10	0	4	
	10	42.3	24.4	1.46	9	2	4	
15	12	40.7	26.0	1.20	5	3	5	
	14	35.6	25.0	0.86	9	0	5	
	15	34.1	24.7	0.76	9	0	5	
	9	35.5	23.6	0.97	2	3	5	
	10	48.0	28.5	1.58	6	3	5	
16	12	55.7	31.4	-	8	3	5	
	14	45.0	28.5	1.34	7	3	5	
	15	48.5	29.5	1.54	6	5	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	45.9	26.0	1.62	0	5	5	
	10	49.4	28.5	1.70	0	5	5	
17	12	51.7	30.4	1.73	0	5	5	
	14	51.1	30.9	1.64	0	5	5	
	15	49.9	30.4	1.58	0	5	5	
	9	46.7	26.7	1.63	0	5	5	
	10	49.7	29.2	1.67	0	5	5	
18	12	52.2	31.8	1.66	0	5	5	
	14	53.4	33.1	1.65	2	5	5	
	15	40.5	29.5	0.89	3	3	5	
	9				10	0	2	LL.,Ru.
	10				10	0	3	LL.,Ru.
19	12				10	0	4	Z.
	14	31.4	21.4	0.81	10	0	5	
	15	38.4	24.6	1.12	9	1	5	
	9				10	0	3	Z.
	10				10	0	4	Z.
20	12	44.6	29.2	1.25	10	1	5	
	14	38.4	27.8	0.86	10	1	5	
	15	34.2	26.0	0.67	10	0	5	
	9				10	0	2	LL.
	10				10	0	2	LL.
21	12				10	0	3	LL.
	14				10	0	4	LL.
	15				10	0	4	LL.
	9	33.5	18.9	1.19	6	2	4	
	10	41.0	21.2	1.61	6	2	4	
22	12	48.0	21.9	-	6	3	5	
	14	48.6	25.7	1.86	3	3	5	
	15	45.9	24.8	1.76	3	5	5	
	9	40.0	20.6	1.58	2	5	4	B.
	10	41.1	22.8	1.49	3	3	4	B.
23	12	47.6	25.8	1.77	6	5	4	B.
	14	33.5	22.2	0.92	7	0	5	
	15	34.2	22.2	0.98	4	3	5	
	9	40.0	20.0	1.63	0	5	5	
	10	42.8	21.0	1.77	0	5	5	
24	12	45.2	23.2	1.79	1	5	5	
	14	45.5	24.4	1.72	1	5	5	
	15	46.6	24.7	1.78	3	5	5	
	9	41.8	21.9	1.62	5	3	3	Ne.
	10	24.5	18.5	0.49	9	0	2	Ne.
25	12	49.5	26.8	1.84	3	3	5	
	14	46.4	25.9	1.67	2	5	5	
	15	44.5	25.4	1.55	2	5	5	
	9	43.3	22.6	1.68	8	4	5	
	10	45.2	24.9	1.65	7	3	5	
26	12	53.0	28.4	-	5	3	5	
	14	41.4	24.9	1.34	7	3	5	
	15	47.0	26.4	1.67	7	3	5	
	9	44.2	23.5	1.68	0	5	5	
	10	47.0	25.7	1.73	0	5	5	
27	12	48.0	27.4	1.67	1	5	5	
	14	47.0	27.5	1.58	1	5	5	
	15	47.7	27.5	1.64	3	5	5	
	9	44.9	25.2	1.60	1	5	5	
	10	49.0	28.2	1.69	1	5	5	
28	12	53.5	32.0	1.75	4	3	5	
	14	50.0	31.0	1.54	4	3	5	
	15	49.5	30.5	1.54	4	5	5	
	9	23.9	17.8	0.50	9	0	5	
	10	24.8	17.4	0.60	10	0	5	
29	12	30.0	19.0	0.89	10	0	5	
	14				10	0	5	
	15	22.7	16.8	0.48	10	0	5	
	9	32.7	17.5	1.24	5	3	5	
	10	44.5	21.5	1.87	5	3	5	
30	12	45.6	22.7	1.86	4	5	5	
	14	29.7	19.5	0.83	6	3	5	
	15	25.5	18.1	0.60	8	3	5	
	9	16.8	14.5	0.19	10	0	5	
	10	20.5	14.8	0.46	10	0	4	
31	12				10	0	3	Z.
	14				10	0	3	Z.
	15				10	0	3	LL.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1															0.0	12.8	00
2		0.6	1.0	0.8	0.3	0.9	1.0	0.6	0.5		0.8		0.1		6.6	12.8	52
3								0.3	0.4	0.2	0.9	1.0	1.0	0.1	3.9	12.7	31
4		0.9	1.0	0.9	0.3	0.3	1.0	1.0	1.0	1.0	1.0	0.4			8.8	12.7	69
5					0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		8.6	12.6	68
6		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.9	12.6	94
7		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3		11.1	12.6	88
8		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2				8.6	12.5	69
9										0.4	1.0	1.0	0.4		2.8	12.5	22
10				0.8	1.0	1.0	1.0	1.0	0.6	0.7	0.8	0.8	0.4		8.1	12.4	65
11			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	10.9	12.4	88
12	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.7	0.5	0.1		10.2	12.4	82
13		0.6	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.3	12.3	92
14		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.7	1.0		11.2	12.3	91
15				0.2	0.6	1.0	1.0	0.7	0.7	0.3	0.6	0.5	0.7		6.3	12.3	51
16		0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.7		10.8	12.2	88
17		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.5	12.2	94
18		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1		10.6	12.2	87
19										0.8	0.9	0.8	0.6		3.1	12.2	25
20							0.4	0.9							1.3	12.1	11
21			0.2	0.1											0.3	12.1	02
22		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.1	12.1	92
23			0.1	1.0	1.0	1.0	0.9	1.0	1.0	0.4	0.7				7.1	12.0	59
24		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6		11.4	12.0	95
25		0.5	1.0	1.0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.8	11.9	91
26		0.1	0.7	0.9	1.0	1.0	1.0	0.9	0.8	0.9	1.0	1.0	0.4		9.7	11.9	82
27		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	11.9	91
28		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.6	11.8	90
29															0.0	11.8	00
30		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	1.0	0.3		10.3	11.7	88
31		0.1					0.1								0.2	11.7	02
Medias	0.0	0.4	0.6	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.6	0.4	0.0	7.7	12.2	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	23.8	25.0	24.6	23.1	23.5	23.9	22.7	22.6	22.8	23.1	23.0	22.9	24.7	24.7	24.6
2	22.2	27.2	23.1	22.1	25.1	24.4	22.2	22.6	23.2	22.8	22.8	23.0	24.6	24.6	24.5
3	23.4	24.6	24.4	23.0	23.1	23.9	22.6	22.2	22.6	23.0	22.8	22.8	24.6	24.7	24.5
4	21.8	26.8	25.4	21.7	24.7	24.6	21.8	22.2	23.2	22.6	22.5	22.9	24.5	24.5	24.4
5	22.1	25.4	22.8	22.0	24.0	23.0	22.1	22.2	22.4	22.8	22.6	22.6	24.6	24.5	24.4
6	19.8	24.3	22.4	20.2	22.8	22.3	20.0	21.1	21.6	22.1	21.9	22.0	24.3	24.2	24.0
7	20.2	24.6	22.9	20.2	22.6	22.3	20.7	20.9	21.5	21.8	21.6	21.8	24.0	23.9	23.8
8	21.3	26.8	25.2	20.9	24.1	24.1	20.9	21.4	22.5	21.7	21.7	22.2	23.8	23.8	23.8
9	23.2	23.8	23.2	22.7	23.0	22.8	22.2	22.1	22.1	22.5	22.4	22.4	24.1	24.2	24.1
10	20.5	24.2	22.6	20.6	22.7	22.4	21.0	21.0	20.6	21.9	21.6	21.8	23.9	23.8	23.8
11	20.2	23.4	21.1	20.2	22.2	21.3	20.6	20.6	21.0	21.6	21.4	21.4	23.6	23.6	23.4
12	17.8	22.7	21.4	18.3	21.0	21.0	19.4	19.6	20.3	20.8	20.4	20.7	23.3	23.1	22.9
13	19.0	23.6	21.6	19.0	21.8	21.3	19.4	19.7	20.4	20.5	20.4	20.6	22.9	22.8	22.6
14	19.8	23.8	22.0	19.6	21.8	21.4	19.8	20.0	20.5	20.6	20.6	20.8	22.8	22.8	22.7
15	20.0	23.7	21.9	19.6	21.8	21.4	19.8	20.0	20.5	20.6	20.6	20.8	22.8	22.7	22.6
16	20.4	24.8	23.0	20.0	22.5	22.3	20.0	20.4	21.0	20.6	20.6	21.0	22.8	22.8	22.7
17	20.4	25.0	23.2	20.1	22.9	22.5	20.2	20.6	21.3	21.0	21.0	21.2	22.9	23.0	23.0
18	21.2	25.6	24.5	20.7	23.3	23.4	20.6	21.0	21.8	21.3	21.2	21.6	23.2	23.1	23.2
19	23.2	22.0	22.6	22.3	21.2	21.8	21.6	20.6	20.9	21.8	21.4	21.4	23.4	23.4	23.3
20	22.1	23.8	23.3	21.3	22.2	22.4	20.7	20.8	21.2	21.2	21.2	21.3	23.2	23.2	23.1
21	22.8	21.0	20.8	22.0	20.7	20.3	21.0	20.4	20.0	21.4	21.1	20.8	23.2	23.0	22.9
22	18.8	22.0	20.5	18.8	20.7	20.4	19.2	19.3	19.8	20.3	20.1	20.1	22.6	22.4	22.2
23	17.6	21.8	20.6	17.9	20.2	20.2	18.6	18.8	19.4	19.8	19.6	19.6	22.2	22.0	21.9
24	18.2	21.8	20.2	18.4	20.5	20.1	18.6	18.8	19.4	19.6	19.5	19.7	21.8	21.8	21.7
25	17.8	22.0	20.7	17.8	20.2	20.2	18.2	18.6	19.2	19.4	19.3	19.5	21.8	21.7	21.6
26	18.6	22.2	20.8	18.4	20.2	20.2	18.5	18.8	19.3	19.5	19.4	19.6	21.7	21.6	21.6
27	18.4	22.6	21.0	18.3	20.6	20.4	18.4	18.8	19.2	19.4	19.3	18.5	21.6	21.6	21.4
28	19.5	24.3	20.6	19.2	21.9	21.9	18.8	19.5	21.4	19.6	19.7	20.0	21.6	21.6	21.6
29	20.8	20.8	19.4	20.3	20.2	19.3	19.9	19.6	19.2	20.4	20.2	20.0	22.0	22.0	22.0
30	16.2	21.3	19.3	16.9	19.7	19.2	17.8	18.1	18.7	19.2	19.0	19.2	21.6	21.5	21.3
31	16.2	17.4	17.2	16.6	17.2	16.9	17.4	17.2	16.9	18.8	18.4	18.2	21.2	21.1	20.8
Prom.	20.2	23.5	22.0	20.1	21.9	21.7	20.2	20.3	20.8	21.0	20.9	21.0	23.1	23.0	22.9

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	0.8	2.7	0.9	4.1							8445
2					2	0.5	1.5	0.6	2.4	H.21	19.7	18.8	16.7			8453
3	16.2	16.3	16.2	16.0	2	0.3	0.8	0.9	2.1							8455
4	10.0	10.0	8.8	8.1	2	0.4	1.2	1.5	3.5							8457
5					1	0.8	2.7	1.7	5.3							8482
6					0	0.9	1.8	1.5	4.8							8497
7					0	1.5	2.7	2.9	8.3							8486
8					2	2.7	2.1	1.2	3.8	H.22	13.7	15.0	15.5	17.3		8463
9	6.4	6.1	6.2	6.1	2	0.5	0.3	0.8	2.0							8470
10	0.8	1.1	0.6	0.6	2	0.9	1.0	0.9	2.4							8493
11	0.7	1.0	0.5	0.5	1	0.5	2.1	2.0	4.9							8517
12					1	0.8	1.3	1.1	2.7	H.23	15.6	15.5	17.1			8512
13					0	0.3	2.1	1.7	5.0							8526
14					0	1.2	2.4	1.8	5.0							8526
15					0	0.8	1.9	1.6	4.4							8524
16					0	0.9	2.5	1.9	5.1							8529
17					0	0.7	2.7	3.2	7.3							8538
18					0	1.4	2.5	1.7	6.2	H.24	10.2	10.9	16.9			8540
19					2	2.0	0.3	0.5	1.0							8548
20	40.0	41.9	41.5	32.7	2	0.2	1.5	1.0	3.4							8525
21	0.1	0.3	0.0	0.0	2	0.9	0.2	0.3	1.4							8489
22	36.1	36.6	37.1	33.2	2	0.9	1.4	1.5	3.1	H.25	20.1	20.1	23.6			8469
23					1	0.2	1.2	1.2	3.4							8474
24					1	1.0	1.6	1.4	3.3							8461
25					1	0.3	1.2	1.1	2.9							8458
26					0	0.6	2.1	1.6	4.5							8453
27					0	0.8	2.7	1.8	5.0	H.26	18.1	17.9	21.8	17.0		8443
28					0	0.5	2.3	1.4	4.6							8438
29					0	0.9	0.6	0.8	1.9							8474
30					0	0.5	1.3	1.1	3.1							8508
31					2	0.7	1.1	0.2	1.5							8510
Prom.	110.3	113.3	110.9	97.2	-	0.8	1.7	1.3	3.8	-	-	-	-	-	-	8489

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		
24.5	24.6	24.6	23.6	23.6	23.6	22.0	20.5	18.2	Cn. m. t. y n., r. m.
24.5	24.6	24.3	23.5	23.6	23.6	22.1	20.5	13.1	Cn. m. y t, Ca. n, r. Ne. m, B. t, CH. Ru. R. t, R. n, LL. t.
24.4	24.4	24.3	23.6	23.6	23.6	22.2	20.5	18.0	Cn. m. y t., Ca. n., LL. m., N. m., Ru. m.
24.3	24.3	24.2	23.4	23.6	23.6	22.2	20.6	13.0	Cn. m. y n., Ca. t., r. m., Ne. m., B. t.
24.3	24.4	24.2	23.5	23.5	23.4	22.2	20.6	16.2	Cn. m., Ca. t. y n., r. m.
24.3	24.3	24.0	23.2	23.4	23.3	22.2	20.6	8.9	Ca. m. t. y n., r. B. m., r. n., B. t.
24.0	24.0	23.8	23.2	23.4	23.4	22.2	20.6	11.8	Ca. m. t. y n., r. m., B. t.
23.9	24.0	23.8	23.1	23.4	23.4	22.2	20.6	13.9	Ca. m. y n., Cn. t, r. m, Ru. LL. Z. t, R. Ru. LL. n.
24.0	24.0	24.0	23.4	23.4	23.4	22.1	20.6	16.7	Cn. m. y t., Ca. n., Z. LL. t., r. n.
23.9	23.8	23.6	23.1	23.3	23.2	22.2	20.6	10.4	Cn. m. t. y n., r. N. m., CH. Ru. t., R. LL. n.
23.5	23.5	23.3	23.0	23.3	23.1	22.2	20.6	10.5	Ca. m. y n., Cn. t., r. m. y n.
23.2	23.3	22.9	22.5	22.9	22.8	22.2	20.6	2.8	Ca. m. y n., Cn. t., r. m. y n.
22.9	22.9	22.7	22.5	22.6	22.8	22.2	20.7	7.9	Ca. m. t. y n., r. m.
22.8	22.9	22.7	22.6	22.7	22.6	22.1	20.7	11.5	Ca. m. t. y n., r. m.
22.8	22.8	22.6	22.4	22.6	22.7	22.1	20.7	9.4	Cn. m. y t., Ca. n., r. m. y n.
22.7	22.8	22.6	22.5	22.7	22.7	22.1	20.7	11.9	Ca. m. y n., Cn. t., r. m. y n.
22.8	23.0	22.8	22.3	22.5	22.7	22.1	20.7	10.0	Ca. m. t. y n., r. B. m.
23.0	23.1	23.0	22.4	22.6	22.6	22.2	20.7	13.0	Ca. m. y t., Cn. n., r. m.
23.2	23.2	23.2	22.7	22.6	22.7	22.0	20.7	19.0	Cn. m. t. y n., Ru. LL. Z. m., R. n.
23.1	23.0	22.9	22.6	22.7	22.7	22.0	20.7	17.5	Cn. m. t. y n., N. m., R. n.
22.9	22.7	22.6	22.6	22.6	22.6	22.0	20.8	19.0	Cn. m. t. y n., LL. Ru. m., LL. t.
22.3	22.3	22.0	22.2	22.4	22.4	22.0	20.8	10.0	Cn. m., Ca. t. y n., r. m.
22.0	22.0	21.8	21.8	22.4	22.3	22.1	20.8	3.0	Cn. m. t. y n., r. N. m., B. t.
21.7	21.8	21.6	21.9	22.2	22.1	22.0	20.8	-	Ca. m. t. y n., r. m. y n.
21.7	21.8	21.6	21.7	22.0	22.0	22.0	20.8	6.5	Cn. m., Ca. t. y n., Ne. m., r. m. y n.
21.6	21.6	21.5	21.7	21.9	21.9	22.0	20.8	5.5	Cn. m. y t., Ca. n., r. m. y n.
21.6	21.6	21.4	21.7	21.8	21.8	22.0	20.8	7.1	Ca. m. t. y n., r. m. y n.
21.6	21.6	21.6	21.7	21.8	21.8	22.0	20.8	8.6	Ca. m. t. y n., r. m. y n.
21.8	21.9	21.8	21.6	21.9	21.7	22.0	20.8	14.0	Cn. m. t. y n., Ru. m., Z. n.
21.6	21.5	21.3	21.5	21.7	21.6	21.9	20.8	2.1	Ca. m. y n., Cn. t., r. m. y n.
21.2	21.1	20.9	21.4	21.4	21.0	21.8	20.8	3.5	Cn. m. t. y n., LL. Z. t., N. LL. n.
23.0	23.0	22.8	22.5	22.7	22.7	22.1	20.7	11.1	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	56.6	66.5	6	9-10	50.3	8	17	20.2	25.2	15.5	29.4	2	13	12.1	6	6	7.0	12.6	56
2ª	59.3	66.7	13	9-10	49.8	20	16	19.2	24.5	14.3	28.8	18	14-15	7.0	12	6	8.7	12.3	71
3ª	61.2	69.0	24	10	45.5	21	6-7	16.0	21.4	11.0	27.3	28	15	15.4	21	13-14	7.5	11.9	63
MES	59.1	69.0	24	10	45.5	21	6-7	18.4	23.5	13.5	29.4	2	13	7.0	12	6	7.7	12.2	63

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas			Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora				
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	78	100	2	43	7	13.4	20.7	8.5	S	7	36	1	29	1	10-11	37	N	1	10.42	33.5	16.3	3	16.3	2	12-13
2ª	74	100	13	41	11-16	11.9	18.0	6.4	E	11	56	20	46	20	10-11	68	NE	20	10.36	42.9	41.9	20	30.0	19	9-10
3ª	76	99	23-31	39	22	10.0	20.5	6.6	S	7	40	21	37	21	6-7	46	N	21	7.29	36.9	36.6	22	18.0	21	8-9
MES	76	100	2,13	39	22	11.7	20.7	6.4	NE	12	56	20	46	20	10-11	68	NE	20	10.36	113.3	41.9	20	30.0	19	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
	0	∞	=	≡	≡	S	⌀	●	,	*	▽	▽	△	▲	⚑	⚑	⚡
1ª	-	4	2	2	-	-	-	5	1	-	2	-	-	-	2	[illegible]	3
2ª	-	1	-	1	-	-	-	1	1	-	-	-	-	-	2	1	1
3ª	-	1	1	2	-	-	-	2	2	-	-	-	-	-	1	2	-
MES	-	6	3	5	-	-	-	8	4	-	2	-	-	-	5	7	4

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°
	⌒	⌴	V	▼	⊠	⊕	⊖	⊕	⊌	⌒	⋈	◔	●	⩒	⩓	⩓
1ª	9	-	-	-	-	-	-	-	-	-	-	1	7	-	6	-
2ª	8	-	-	-	-	-	-	-	-	-	-	2	2	-	4	-
3ª	8	-	-	-	-	-	-	-	-	-	-	2	4	-	1	-
MES	25	-	-	-	-	-	-	-	-	-	-	5	13	-	11	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III ABRIL 1948 N.° 4

RESUMEN MENSUAL

Debido al aire de origen polar que llegara en los últimos días del mes anterior, la temperatura se mantiene durante la primera semana por debajo del nivel normal. En estos días el centro de un anticiclón frío atraviesa la Provincia de Buenos Aires. Regístranse el 4 la máxima de la presión con 767.1 mm., así como la mínima de la temperatura con 5.4° C. El 5 cambia el viento hacia el E; la nubosidad aumenta considerablemente.Con aire más húmedo y cálido el tiempo se inestabiliza. Se registran entonces lluvias, tormentas y nieblas. Con viento N la temperatura alcanza el día 8 su valor máximo con 28.2° C. En este ambiente tropical la presión acusa el día 10 su mínimo mensual con 749.8 mm. alcanzando la tensión del vapor su valor máximo (17.5 mm.) el día 11, momentos antes de la llegada de un frente frío.

Este frente pasa por el Observatorio en la mañana del 11, provocando una fuerte tormenta eléctrica. Siguen tres días claros con temperaturas inferiores a la normal El día 15 la afluencia de aire húmedo y cálido aumenta la nubosidad y es causa de precipitaciones de variable intensidad y nieblas. A partir del 18 mejora el estado del tiempo. Con poca nubosidad y condiciones generales concordes con esta estación del año termina la segunda década.

Apesar de que el 23 otro frente atraviesa San Miguel y que el viento gira del sector E al W, sólo es dable constatar este cambio en la tensión del vapor y en la nubosidad, cuando los demás elementos indican una marcha completamente regular. Un nuevo empuje de aire polar desencadena el 25 chaparrones y lluvias, registrándose un brusco cambio de temperatura.El 27, sin embargo, el aire tropical del N cubre pronto el litoral y el norte de la Provincia de Buenos Aires. Por la tarde del 28 el último frente frío del mes es portador de tormentas eléctricas con chaparrones. En tal ambiente disminuye la temperatura; la humedad absoluta descendiendo a su vez ininterrumpidamente alcanza en la última hora del mes un valor mínimo de 5.8mm.

La presión y la temperatura (promedio mensual) se han conservado en sus términos medios; prácticamente ambos elementos han registrado el 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	-	-	-	-	-	-	-	-	30	50	61	63	64	62	64
2	52	58	73	78	73	66	66	117	117	119	100	78	69	62	54
3	42	40	44	58	48	56	52	82	80	71	60	59	58	54	62
4	58	56	54	54	58	54	58	66	82	87	75	60	58	54	48
5	123	69	34	62	66	66	107	171	89	91	97	111	128	94	94
6	117	85	69	85	110	101	85	69	56	58	76	86	73	-69	±∞
7	44	30	42	52	34	75	58	73	192	142	133	57	78	82	71
8	54	44	9	30	20	22	49	44	28	46	61	62	60	54	50
9	60	62	69	60	48	34	48	62	58	64	64	73	58	69	71
10	38	34	22	26	32	18	22	24	18	20	22	34	40	36	42
11	30	22	9	-	-	-	-	-	-	-	-	-	-	-	-
12	78	78	73	75	82	64	85	135	162	139	135	132	133	144	101
13	80	64	62	64	64	50	96	117	101	123	89	87	78	73	75
14	52	58	50	50	60	66	75	144	130	98	65	38	46	28	-
15	18	9	12	18	18	22	32	46	40	54	55	46	58	58	75
16	38	34	46	28	24	28	18	34	20	9	7	11	18	18	14
17	18	22	22	24	22	16	18	26	24	9	34	37	22	22	32
18	24	18	12	9	14	14	18	12	12	16	24	22	26	28	30
19	48	50	48	60	64	56	56	71	75	26	46	47	40	52	64
20	80	71	75	119	91	139	176	187	133	94	80	71	85	73	91
21	66	64	78	103	75	80	96	117	107	89	79	79	85	82	91
22	44	50	48	69	71	75	71	82	82	103	105	107	96	89	89
23	-	-	-	-	-	-	60	80	105	87	72	80	73	89	89
24	80	71	98	103	98	96	69	105	135	94	87	82	91	91	103
25	87	78	107	101	98	94	142	91	158	117	118	±∞	38	±∞	-
26	-	-	-	-	-	-	73	119	+∞	+∞	163	141	144	181	137
27	98	101	112	85	85	87	96	112	110	80	75	46	42	40	42
28	60	54	40	18	32	22	-	-	-	-	-	-	-	-41	- 4
29	-	-	-	30	32	34	40	50	60	58	56	56	50	46	50
30	48	50	54	54	50	30	40	48	78	96	113	103	89	91	75
31															
Prom.	58.9	53.0	53.3	59.7	55.5	53.6	62.5	83.9	88.4	83.9	81.4	73.7	73.1	70.3	69.1

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	-	-	-	-	7.26	10.00	17.26	0.72	1.10	1.15	2.25	0.96	0.83	1.03	1.86	0.80
2	8.07	11.24	19.31	0.72	9.51	9.11	18.62	1.04	0.96	0.87	1.83	1.10	1.12	1.17	2.29	0.96
3	7.11	9.79	16.90	0.73	8.52	9.14	17.65	0.94	0.96	0.96	1.92	1.00	1.02	1.05	2.07	0.97
4	8.17	6.01	14.18	1.35	6.72	9.26	15.98	0.73	1.01	0.71	1.72	1.42	1.06	1.29	2.35	0.82
5	5.16	7.34	12.50	0.70	6.99	6.62	13.61	1.01	0.63	0.62	1.25	1.02	0.84	0.88	1.72	0.95
6	-	-	-	-	-	-	-	-	1.23	1.13	2.36	1.09	0.84	0.99	1.83	0.85
7	6.59	7.38	13.97	0.89	6.21	9.16	15.38	0.68	0.82	1.09	1.91	0.75	0.68	0.74	1.42	0.92
8	-	-	-	-	9.71	6.14	15.85	1.56	0.99	1.03	2.02	0.96	1.32	1.36	2.68	0.97
9	-	-	-	-	10.37	10.52	20.89	0.99	0.78	0.81	1.59	0.96	1.44	1.40	2.84	1.03
10	-	-	-	-	8.59	10.18	18.77	0.84	1.53	1.67	3.20	0.92	1.18	1.05	2.23	1.12
11	-	-	-	-	-	-	-	-	-	-	-	-	1.44	1.35	2.79	1.07
12	9.62	9.11	18.73	1.05	7.25	7.68	14.94	0.94	0.97	0.83	1.80	1.17	0.92	0.86	1.78	1.07
13	6.31	9.51	15.82	0.67	9.57	10.32	19.88	0.91	0.92	0.98	1.90	0.94	1.40	1.37	2.77	1.02
14	-	-	-	-	4.04	10.01	14.04	0.40	0.20	0.20	0.40	1.00	0.50	0.59	1.09	0.85
15	-	-	-	-	-	-	-	-	0.68	0.60	1.28	1.13	0.26	0.26	0.52	1.00
16	5.84	8.73	14.57	0.67	-	-	-	-	0.20	0.20	0.40	1.00	0.70	0.74	1.44	0.94
17	10.53	11.34	21.87	0.93	-	-	-	-	1.23	1.14	2.37	1.08	1.30	1.40	2.70	0.93
18	6.92	11.48	18.40	0.60	3.16	6.77	9.94	0.47	0.64	0.77	1.41	0.83	0.39	0.37	0.76	1.05
19	-	-	-	-	3.50	7.70	11.20	0.45	0.58	0.66	1.24	0.88	0.42	0.48	0.90	0.88
20	-	-	-	-	5.31	7.68	13.00	0.69	1.46	1.45	2.91	1.01	0.55	0.52	1.07	1.06
21	-	-	-	-	6.19	10.43	16.62	0.60	1.02	1.14	2.16	0.89	0.90	0.80	1.70	1.12
22	-	-	-	-	-	-	-	-	0.65	0.65	1.30	1.00	0.74	0.83	1.57	0.89
23	-	-	-	-	6.82	9.98	16.80	0.68	0.76	0.89	1.65	0.85	0.57	0.76	1.33	0.75
24	-	-	-	-	5.70	7.87	13.57	0.72	-	-	-	-	0.75	0.84	1.59	0.89
25	5.62	11.28	16.90	0.50	-	-	-	-	0.73	0.71	1.44	1.03	1.24	1.19	2.43	1.04
26	-	-	-	-	-	-	-	-	0.80	0.81	1.61	0.99	0.46	0.40	0.86	1.15
27	-	-	-	-	-	-	-	-	1.14	1.03	2.17	1.11	0.80	1.01	1.81	0.79
28	-	-	-	-	-	-	-	-	1.19	0.79	1.98	1.51	-	-	-	-
29	7.66	12.04	19.70	0.64	8.13	9.52	17.66	0.86	0.86	1.20	2.06	0.72	1.13	0.84	1.97	1.34
30	7.62	9.08	16.70	0.84	8.16	9.55	17.70	0.86	0.86	0.95	1.81	0.90	1.15	1.30	2.45	0.88
31																
Prom.	7.32	9.56	16.89	0.79	7.08	8.88	15.97	0.80	0.89	0.89	1.78	1.01	0.89	0.93	1.82	0.97

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
64	65	52	42	56	46	54	54	50		130	0	130	3*
54	53	44	40	42	50	40	38	42	66.0	158	-28	186	1
60	62	56	62	85	96	56	60	54	60.7	110	34	76	0
50	50	58	75	82	98	105	185	98	71.8	∞	34	-	0
112	127	107	62	126	50	30	64	94	90.6	∞	-50	-	1
-∞	-	-	±∞	+∞	22	44	60	46		∞	-∞	-	3*
32	30	30	42	71	40	45	46	44	64.3	261	-21	282	1
54	46	58	52	30	89	130	42	22	48.2	192	-69	261	1
80	66	50	42	46	38	46	38	38	56.0	174	-14	188	1
46	101	60	50	40	38	36	34	34	36.1	98	0	98	0
66	84	40	58	69	73	71	71	71		144	-69	213	3*
73	81	66	69	64	75	46	66	69	92.7	197	26	171	0
71	64	54	56	64	75	50	34	50	72.5	210	0	210	0
-	-	-	36	40	38	26	26	20		187	9	178	0*
98	73	34	22	32	26	28	30	34	39.1	149	-22	171	1
5	21	50	5	-	-	9	12	14		∞	-75	-	3*
36	36	30	20	22	24	22	24	24	24.4	112	-46	158	1
30	30	-	-	54	58	62	62	42		119	-10	129	1*
9	19	26	-	85	60	60	46	58		187	-22	209	1*
91	86	-	-	-	40	66	80	137		270	12	258	0*
101	99	96	105	89	71	62	66	58	84.9	187	40	147	0
96	81	75	87	48	-10	-28	22	14	65.2	158	-205	363	1
85	84	85	73	73	66	69	85	82		139	18	121	3*
197	159	126	155	139	101	80	107	117	107.7	∞	30	-	0
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
197	242	+∞	155	48	162	169	130	123		∞	-10	-	3*
46	41	60	71	66	62	73	85	69	74.3	162	0	162	0
-10	-	-	-10	5	46	-	-	-		∞	-224	-	3*
48	51	50	50	52	50	52	50	46		94	14	80	0*
78	82	107	80	89	94	103	137	96	78.5	181	26	155	0
75.5	73.6	65.4	64.1	66.8	59.8	54.4	63.4	56.3	66.6				

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^-
56	64	66	4.80	4.09	1104	1209	2313	0.91	0.36	1.02
96	80	50	4.88	3.82	964	796	1760	1.21	1.32	0.24
58	58	62	3.71	4.28	1100	1136	2236	0.97	1.24	0.64
71	62	50	3.55	3.92	796	916	1712	0.67	-	0.63
107	119	112	4.96	6.42	-	849	849	-	0.42	-
71	87	-	6.84	-	1100	1136	2236	0.97	1.62	0.97
144	64	18	4.07	0.85	454	429	883	1.06	-	1.84
62	62	44	4.17	3.93	828	853	1681	0.97	-	-
64	71	69	3.76	6.53	964	675	1639	0.57	0.57	-
22	32	54	3.41	4.01	1039	1306	2345	0.80	-	1.54
-	-	66	-	6.14	1194	981	2175	1.22	1.83	-
126	130	80	7.80	4.75	989	1136	2125	0.87	0.90	0.80
96	64	62	5.95	5.72	815	855	1670	0.95	0.66	0.45
58	36	-	0.48	-	283	111	394	2.55	0.64	1.57
56	50	58	2.13	1.00	570	731	1301	1.60	1.60	2.43
5	9	34	0.12	1.63	490	398	888	1.23	-	-
38	50	32	3.95	2.88	681	981	1662	0.69	0.79	0.80
24	22	30	1.03	0.76	859	1136	1995	0.76	-	0.64
46	48	20	1.98	0.60	1136	1039	2175	1.09	0.86	1.13
73	69	71	6.69	2.53	1289	1419	2708	0.91	0.77	0.90
71	78	96	5.62	5.44	1190	1165	2355	1.02	0.61	-
98	107	82	4.64	4.29	1044	624	1668	1.67	1.89	-
64	75	80	4.12	3.55	905	610	1515	1.48	0.40	-
89	89	149	-	7.90	1530	1362	2892	1.12	1.94	1.88
130	114	-	5.47	-	457	735	1192	0.62	0.81	2.15
155	144	238	7.73	6.82	905	610	1515	1.48	0.80	-
60	40	40	2.89	2.41	1100	968	2068	1.14	0.70	1.14
-	-	-	-	-	1023	551	1574	1.86	1.07	-
58	54	50	3.71	3.28	981	968	1949	1.01	-	0.95
119	112	87	6.76	7.10	1306	1224	2530	1.07	0.84	0.32
75	72	69	4.27	4.02	934	896	1800	1.12	0.98	1.10

PRESIÓN ATMOSFERICA

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

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	58.3	57.9	57.2	57.2	57.5	58.2	58.9	59.6	59.6	59.6	59.6	59.6	59.5	59.4	59.4
2	60.2	60.1	60.0	60.1	60.5	60.7	61.1	61.5	61.5	61.5	61.2	61.0	60.7	60.2	59.9
3	61.8	61.7	61.6	61.6	61.9	61.9	62.4	62.6	62.6	62.5	62.6	62.6	62.4	62.3	62.5
4	65.0	65.2	65.1	65.1	65.5	65.9	66.3	66.6	66.9	67.1	66.8	66.4	66.1	66.0	65.5
5	66.0	66.0	65.9	65.8	65.8	65.8	66.0	66.6	66.7	66.7	66.4	66.1	65.5	65.2	64.5
6	63.9	63.4	63.0	62.6	62.5	62.4	62.6	63.0	63.1	62.7	62.6	61.9	60.7	60.4	59.9
7	59.6	59.1	58.7	58.6	58.2	57.7	58.0	58.3	58.3	58.1	57.8	58.6	56.8	56.4	56.3
8	55.8	55.6	55.4	55.3	55.2	55.9	56.2	56.7	56.8	56.8	56.5	55.5	56.2	56.0	55.7
9	57.3	56.9	56.7	56.8	57.1	57.4	57.9	58.0	57.7	57.8	57.7	57.3	56.7	56.1	55.7
10	55.3	54.7	54.3	54.4	54.3	54.3	54.2	54.0	53.9	53.7	52.9	52.3	51.6	50.8	50.4
11	51.7	51.6	51.4	51.2	51.1	51.4	51.5	52.0	51.8	52.2	51.5	51.1	50.6	51.0	52.2
12	58.2	58.6	58.5	58.6	58.7	59.5	60.3	61.0	61.3	61.5	61.5	61.2	60.9	60.6	60.2
13	60.6	60.5	60.0	59.6	59.6	59.7	60.0	60.2	60.0	59.7	59.7	59.6	59.3	59.0	58.8
14	59.8	59.8	60.0	60.2	60.3	60.6	60.7	61.5	61.5	61.7	61.7	61.5	61.3	61.2	60.9
15	62.3	62.2	61.6	61.5	61.5	61.5	61.4	61.7	61.6	61.5	61.4	61.2	60.4	60.0	59.8
1	60.0	59.7	59.6	59.7	59.8	59.9	60.3	60.6	60.8	60.8	60.7	60.4	60.2	59.8	59.7
17	61.3	61.0	60.9	61.1	61.5	61.9	62.4	62.8	62.9	62.9	63.2	63.0	62.6	62.4	62.5
18	64.3	64.2	63.9	63.9	64.0	64.2	64.8	65.3	65.1	65.4	65.4	65.3	65.2	64.8	64.7
19	65.4	65.3	65.1	65.0	65.1	65.4	65.4	65.8	65.7	65.7	65.5	65.2	64.8	64.4	64.1
20	63.5	63.5	63.0	63.0	63.0	62.8	62.8	63.2	63.2	63.3	63.0	62.8	62.3	61.7	61.6
21	60.7	60.6	60.5	60.4	60.6	60.8	60.9	61.0	61.2	61.2	61.1	60.8	60.5	60.0	59.7
22	58.7	58.6	58.3	57.9	57.9	57.8	57.8	57.6	57.5	56.9	56.7	56.1	55.1	55.0	54.6
23	55.9	55.9	54.9	52.7	54.3	55.0	55.5	56.2	56.5	56.5	56.6	56.4	56.0	56.0	55.9
24	57.2	57.2	57.0	57.1	57.0	57.3	57.8	58.0	58.1	57.9	57.8	57.3	56.6	56.0	55.7
25	56.9	56.7	56.4	55.9	55.7	55.9	56.0	56.0	56.2	56.8	56.9	57.9	58.2	56.9	56.9
26	61.2	61.1	60.8	60.8	61.2	61.6	62.1	62.4	62.6	62.8	63.0	62.9	62.5	62.6	62.7
27	62.6	62.5	62.2	61.7	61.8	61.9	61.7	61.9	61.9	62.0	61.7	61.0	60.4	60.0	59.6
28	56.6	56.5	55.7	55.6	55.7	55.7	55.8	56.2	56.0	55.7	55.8	55.5	55.1	53.8	54.2
29	57.4	57.7	57.6	58.1	57.8	58.0	57.7	58.3	58.6	58.5	58.5	58.7	58.3	58.0	58.3
30	60.7	61.1	61.2	60.9	61.0	61.3	61.4	62.0	62.2	62.3	62.3	62.4	62.2	62.2	62.3
31															
Prom	59.9	59.8	59.6	59.4	59.6	59.7	60.0	60.4	60.4	60.4	60.3	60.1	59.6	59.3	59.1

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	14.1	14.1	14.2	14.3	14.3	14.2	14.6	13.2	13.5	13.4	14.6	15.6	16.7	17.1	17.1
2	10.5	9.9	9.9	10.0	10.0	10.2	9.9	12.4	15.0	18.2	19.9	20.9	21.7	22.2	22.4
3	11.5	11.4	11.5	11.5	11.1	11.1	11.0	13.0	13.3	17.4	19.0	19.7	19.8	20.6	20.2
4	8.5	8.5	8.2	7.9	7.5	7.4	7.5	10.7	13.5	15.2	16.7	17.0	17.9	18.0	18.0
5	7.7	7.3	6.9	7.0	8.1	8.1	8.2	11.1	15.9	16.6	17.7	18.7	18.5	19.0	18.9
6	8.7	9.4	9.5	9.8	9.6	10.0	11.6	14.1	14.7	15.5	18.3	19.7	19.5	19.0	18.8
7	15.2	15.3	15.4	15.4	15.4	15.5	15.6	15.6	16.0	16.4	17.2	17.3	17.8	17.8	17.8
8	14.8	14.9	15.0	12.8	13.4	13.5	13.4	14.4	17.6	20.5	22.4	24.2	25.5	26.8	27.6
9	14.9	14.3	14.6	15.6	15.8	15.7	15.6	19.0	20.7	23.0	24.5	25.9	26.4	26.8	26.9
10	18.5	18.2	17.6	17.2	17.1	16.7	16.9	18.8	20.7	22.5	24.4	25.6	26.2	26.8	26.7
11	19.6	19.7	19.8	19.9	20.0	20.4	20.6	21.0	21.0	20.6	20.4	20.1	19.7	17.0	15.2
12	12.0	11.5	10.9	9.9	9.9	9.1	7.6	11.2	13.8	16.3	18.1	19.4	20.0	20.8	21.0
13	8.7	7.9	7.6	7.8	7.1	7.3	7.4	12.4	16.1	19.1	20.6	21.3	21.9	22.4	22.3
14	10.3	10.5	11.6	12.0	11.3	10.0	9.8	13.4	16.2	18.6	19.6	20.5	20.5	20.3	20.0
15	11.3	10.9	10.9	11.1	11.2	11.3	13.2	15.9	17.5	17.7	20.5	20.8	21.6	22.2	21.7
16	16.8	16.9	17.1	17.2	17.2	17.3	17.5	18.0	18.1	18.1	19.4	19.7	19.8	20.2	20.1
17	16.5	16.2	16.1	16.0	16.0	16.0	16.0	16.0	15.9	15.8	16.6	17.9	18.6	19.9	20.9
18	14.0	14.2	14.3	14.3	14.5	14.6	14.8	15.8	16.9	17.6	19.5	19.6	19.9	21.0	20.9
19	12.9	12.9	12.6	11.9	12.0	12.2	12.4	13.8	15.4	17.5	19.6	20.4	20.6	20.4	20.3
20	11.6	11.7	10.3	9.6	9.7	9.2	8.9	15.2	17.1	19.3	19.9	21.5	21.2	21.8	21.1
21	10.9	11.7	13.0	12.3	12.3	12.5	12.7	14.8	16.1	18.1	19.2	21.0	22.3	22.0	21.2
22	17.1	17.0	17.0	16.8	15.7	14.9	15.2	17.1	17.3	18.5	19.2	19.7	21.3	22.4	23.1
23	14.5	14.0	14.1	14.1	14.0	14.0	13.9	15.0	16.5	18.2	19.7	21.0	22.0	22.6	22.6
24	12.7	12.5	12.6	12.7	12.1	11.4	11.4	14.4	17.1	19.9	22.3	23.7	24.8	25.3	25.3
25	11.9	12.1	11.7	13.3	14.1	14.1	14.0	16.6	17.4	18.7	19.7	19.0	17.7	16.2	15.7
26	11.9	12.0	12.0	11.3	10.5	10.0	9.2	9.4	10.9	14.7	16.9	18.3	18.7	19.9	20.1
27	13.2	13.3	13.0	13.5	13.9	14.0	14.1	15.8	17.1	17.9	18.4	17.7	17.7	18.3	18.5
28	18.2	18.2	18.2	18.1	18.3	18.4	18.4	18.6	21.0	21.6	21.9	22.0	21.6	21.7	20.8
29	15.7	15.5	15.2	15.0	14.4	14.1	13.7	13.8	15.7	15.9	16.4	16.6	16.5	16.4	16.4
30	11.2	11.4	11.4	11.0	10.5	9.4	9.3	9.5	10.6	11.9	14.6	15.5	16.0	16.2	16.2
31															
Prom	13.2	13.1	13.1	13.0	12.9	12.8	12.8	14.7	16.3	17.9	19.2	20.0	20.4	20.7	20.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.2	59.1	59.0	59.3	59.7	59.9	60.3	60.2	60.2	60.3	22-23	57.2	3-4	3.1	759.1 mm.	1012.1 mb.
59.9	59.9	60.4	60.9	61.2	61.6	61.6	61.6	61.7	61.7	24	59.9	15-17	1.8	60.8	1014.4
62.4	62.4	62.7	63.1	63.4	63.6	64.1	64.3	64.4	64.4	24	61.6	3-4	2.8	62.6	1016.8
65.2	65.1	65.3	65.4	65.8	65.9	65.9	65.9	65.9	67.1	10	65.0	1	2.1	65.8	1021.0
64.2	63.9	64.0	64.2	64.6	64.4	64.6	64.5	64.3	66.7	9-10	63.9	17	2.8	65.3	1020.4
60.3	60.4	60.2	60.0	60.2	60.2	59.9	59.6	59.6	63.9	1	59.6	23-24	4.3	61.0	1015.3
56.1	56.2	56.5	56.2	56.2	56.7	56.1	55.9	55.7	59.6	1	55.7	24	3.9	57.3	1009.7
55.6	55.8	55.9	56.3	56.7	56.7	56.9	57.1	57.4	57.4	24	55.2	5	2.2	56.2	1008.2
55.5	55.3	55.5	55.4	55.7	55.8	55.9	55.6	55.5	58.0	8	55.3	17	2.7	56.6	1008.8
50.1	49.9	49.8	50.3	50.6	50.8	51.0	51.2	51.6	55.3	1	49.8	18	5.5	52.3	1003.0
52.8	52.9	53.8	54.8	55.4	56.5	57.0	57.6	58.0	58.0	24	50.6	13	7.4	53.0	1004.0
59.9	59.9	60.0	60.4	60.7	61.0	61.0	61.0	60.9	61.5	10-11	58.2	1	3.3	60.2	1013.6
58.8	58.9	59.1	59.2	59.4	59.6	59.7	59.7	59.8	60.6	1	58.8	15-16	1.8	59.6	1012.8
61.0	61.4	61.2	61.3	61.8	62.0	62.0	62.3	62.5	62.5	24	59.8	1-2	2.7	61.2	1014.9
59.9	59.8	59.6	59.8	59.9	60.0	60.2	60.2	60.0	62.3	1	59.6	18	2.7	60.8	1014.4
59.9	59.8	60.6	60.2	60.4	61.6	61.4	61.5	61.3	61.6	21	59.6	3	2.0	60.4	1013.8
62.6	62.8	62.9	63.3	63.5	63.8	64.2	64.3	64.4	64.4	24	60.9	3	3.5	62.7	1016.9
64.7	64.8	64.8	65.3	65.4	65.6	65.5	65.4	65.4	65.6	21	63.9	3-4	1.7	64.9	1019.8
64.0	63.9	64.1	63.8	64.0	64.2	64.1	64.0	63.7	65.8	8	63.7	24	2.1	64.7	1019.6
61.3	61.3	61.1	61.1	61.0	61.0	61.0	60.8	60.7	63.5	1-2	60.7	24	2.8	62.2	1016.2
59.3	59.1	58.9	58.7	58.6	58.8	58.9	59.0	58.9	61.2	9-10	58.6	20	2.6	60.0	1013.3
54.5	54.3	54.1	54.3	54.0	54.6	54.6	54.3	54.0	58.7	1	54.0	20,24	4.7	56.0	1008.0
55.7	55.7	55.7	56.0	56.3	56.4	56.6	56.8	57.1	57.1	24	52.7	4	4.4	55.9	1007.8
55.4	55.3	55.5	55.7	55.9	56.0	56.3	56.8	57.0	58.1	9	55.3	17	2.8	56.8	1009.0
57.4	57.1	59.1	59.5	60.0	60.0	58.8	59.7	60.8	60.8	24	55.7	5	5.1	57.6	1010.1
62.7	62.7	62.5	63.0	63.0	63.3	63.0	62.8	62.4	63.3	21	60.8	3-4	2.5	62.3	1016.4
59.3	59.1	58.8	58.4	58.3	58.3	58.2	57.8	57.3	62.6	1	57.3	24	5.3	60.4	1013.8
54.5	55.1	55.3	56.5	56.0	56.6	56.7	56.8	56.8	56.8	23-24	53.8	14	3.0	55.8	1007.7
58.4	58.7	58.8	59.4	59.4	59.8	60.1	60.5	60.5	60.5	23-24	57.4	1	3.1	58.6	1011.4
62.5	62.6	62.8	63.5	63.6	63.9	64.1	64.4	64.6	64.6	24	60.7	1	3.9	62.4	1016.5
59.1	59.1	59.3	59.5	59.7	60.0	60.0	60.0	60.1	61.5		58.2		3.3	59.8	1013.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
17.6	17.2	15.5	12.8	11.4	10.8	10.4	10.7	10.3	17.6	16	10.3	24	7.3	14.1
22.4	22.0	18.3	14.9	13.1	12.0	11.5	11.6	11.6	22.4	15-16	9.9	2-3,7	12.5	15.0
19.6	18.1	16.3	13.7	11.1	9.8	9.7	9.7	8.8	20.6	14	8.8	24	11.8	14.1
18.4	17.4	14.1	11.4	10.2	9.3	8.9	8.3	8.0	18.4	16	7.4	6	11.0	12.0
18.1	17.6	15.5	12.9	11.4	11.3	10.1	8.9	8.4	19.0	14	6.9	3	12.1	12.7
18.3	16.6	16.0	15.4	15.2	15.1	15.1	15.2	15.2	19.7	12	8.7	1	11.0	14.6
17.6	17.5	17.0	16.6	16.1	15.4	15.4	15.3	15.1	17.8	13-15	15.1	24	2.7	16.2
27.8	26.9	22.6	20.0	18.2	17.2	16.6	15.8	15.6	27.8	16	12.8	4	15.0	19.1
26.1	24.3	22.4	21.0	20.9	20.7	20.1	19.7	18.9	26.9	15	14.3	2	12.6	20.6
26.0	24.6	22.6	21.0	19.4	19.4	19.6	19.7	19.8	26.8	14	16.7	6	10.1	21.1
14.2	14.4	14.6	14.7	14.8	14.5	13.9	13.4	13.1	21.0	8-9	13.1	24	7.9	17.6
20.9	19.3	16.4	13.4	11.0	10.3	10.3	9.8	9.4	21.0	15	7.6	7	13.4	13.8
22.1	20.3	17.7	15.0	13.4	12.7	12.1	11.7	10.8	22.4	14	7.1	5	15.3	14.4
19.6	17.8	16.1	14.6	13.4	13.0	12.8	12.6	11.9	20.5	12-13	9.8	7	10.7	14.8
21.2	19.9	18.7	17.7	17.2	16.4	16.5	16.5	16.6	22.2	14	10.9	2-3	11.3	16.6
19.6	19.3	18.9	17.2	17.0	16.7	16.7	16.6	16.6	20.2	14	16.6	23-24	3.6	18.0
20.6	19.5	18.0	16.5	15.4	14.6	14.3	13.9	13.8	20.9	15	13.8	24	7.1	16.7
20.2	18.9	16.8	15.3	14.0	13.4	13.1	12.8	12.8	21.0	14	12.8	23-24	8.2	16.2
20.0	18.5	16.2	14.1	13.4	12.1	12.3	12.4	12.5	20.6	13	11.9	4	8.7	15.3
21.0	19.1	17.3	15.8	14.8	14.3	14.1	13.5	11.9	21.8	14	8.9	7	12.9	15.4
20.8	19.8	18.5	18.2	17.6	17.6	17.6	17.4	17.4	22.3	13	10.9	1	11.4	16.9
22.6	21.2	20.2	19.6	19.5	19.6	19.5	19.4	19.4	23.1	15	14.9	6	8.2	18.9
22.2	19.8	17.1	15.9	14.8	14.2	13.4	12.8	12.8	22.6	14-15	12.8	23-24	9.8	16.6
24.9	23.7	19.8	17.3	15.4	15.1	14.7	13.3	12.0	25.3	14-15	11.3	7	14.0	17.3
15.3	14.1	13.6	13.2	13.0	13.0	12.6	12.1	11.9	19.7	11	11.7	3	8.0	14.6
19.8	18.0	14.5	13.1	11.4	11.3	11.8	12.6	13.1	20.1	15	9.2	7	10.9	13.8
18.6	18.6	18.6	18.2	18.1	18.2	18.2	18.0	18.1	18.6	16-18	13.0	3	5.6	16.7
20.3	19.3	18.6	18.0	17.9	17.5	17.1	17.1	16.2	22.0	12	16.2	24	5.8	19.1
15.7	15.0	14.0	13.2	13.0	12.2	12.0	11.3	11.2	16.6	12	11.2	24	5.4	14.5
15.9	15.2	12.2	10.2	8.6	7.7	7.3	6.8	6.7	16.2	14-15	6.7	24	9.5	11.5
20.2	19.1	17.3	15.7	14.7	14.2	13.9	13.6	13.3	21.2		11.4		9.8	15.9

HUMEDAD RELATIVA en %

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

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	11.5	11.5	11.5	11.5	12.0	11.0	11.0	10.5	10.0	10.0	9.5	9.5	9.0
2	9.0	8.5	8.5	8.5	8.5	8.0	8.0	8.6	9.0	9.5	9.0	7.8	8.0	8.0	7.6
3	8.0	8.0	8.0	7.8	8.0	7.6	8.0	8.8	8.0	8.5	7.8	8.0	7.2	7.1	6.6
4	8.0	8.0	7.8	7.6	7.4	7.4	7.4	8.5	8.0	8.0	7.4	7.6	7.2	7.2	7.2
5	7.2	7.0	7.2	7.2	7.8	7.8	7.4	9.2	9.5	8.0	7.8	8.5	8.0	8.6	8.5
6	8.0	8.5	8.5	8.5	8.5	8.5	9.5	10.6	10.5	10.5	11.0	11.5	11.0	12.3	13.0
7	11.5	12.0	12.5	12.5	12.5	12.5	12.5	12.9	13.0	12.5	12.5	12.5	14.0	13.9	14.0
8	12.0	12.0	12.0	10.0	11.0	11.0	11.0	12.1	13.0	13.0	13.5	14.0	12.5	12.7	13.0
9	11.5	11.5	12.0	12.5	13.0	13.0	12.0	13.2	13.0	13.0	13.0	13.0	12.0	11.6	13.5
10	13.5	13.5	13.5	13.5	14.0	13.5	14.0	14.2	15.0	14.5	15.0	15.0	15.5	15.3	15.0
11	14.5	15.0	15.0	16.0	17.0	16.5	16.5	17.0	17.0	17.5	17.0	17.0	15.5	13.8	12.5
12	8.0	7.8	7.4	7.0	6.6	7.0	6.8	7.2	7.4	7.8	8.0	7.2	7.4	8.3	7.8
13	8.0	7.4	7.2	7.2	7.0	7.4	7.0	8.3	8.5	7.8	8.5	9.0	8.0	8.8	8.5
14	9.0	8.5	7.8	7.6	8.0	7.8	8.0	9.4	10.5	10.0	11.5	12.0	11.0	11.5	11.5
15	9.0	9.5	9.5	9.5	9.5	9.5	11.0	12.2	11.5	10.5	12.0	10.5	11.0	11.2	11.0
16	12.5	12.5	13.5	14.0	14.0	14.0	14.5	14.1	14.0	13.5	13.5	14.0	13.0	14.3	14.5
17	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.8	13.0	13.0	13.0	13.0	13.0	13.0	12.5
18	11.5	11.5	11.5	11.5	12.0	12.0	11.5	12.2	12.5	12.0	11.0	12.0	11.5	12.1	11.5
19	10.5	10.5	10.0	9.5	10.0	10.0	9.5	11.2	11.0	10.0	10.5	10.0	10.0	10.8	10.0
20	9.0	9.0	8.5	8.5	8.5	8.0	7.8	12.0	12.5	12.0	10.5	11.0	10.5	10.8	10.5
21	9.0	10.0	10.5	10.0	10.0	10.5	10.0	11.2	11.5	12.0	12.0	12.5	11.5	11.1	10.5
22	12.0	11.5	11.5	11.5	12.0	11.5	11.0	11.4	11.0	11.5	12.0	12.0	12.5	13.3	13.0
23	11.0	11.5	11.5	11.5	11.0	10.0	10.5	11.6	11.5	12.0	11.5	11.5	11.0	11.3	10.5
24	9.0	9.0	9.5	9.5	9.5	9.0	9.0	9.8	10.5	11.5	11.5	10.0	11.0	10.0	10.0
25	10.0	9.5	9.0	9.5	9.0	9.5	11.0	11.2	11.5	11.5	10.5	12.5	10.5	11.7	11.5
26	10.0	10.0	9.5	9.0	8.5	8.5	7.8	8.6	9.0	10.0	9.5	9.0	8.5	8.5	8.0
27	10.0	10.5	10.0	10.5	10.0	10.0	10.5	11.1	9.5	10.0	11.0	12.0	12.0	13.2	13.0
28	13.5	13.5	13.5	14.0	14.5	14.5	14.5	14.7	15.0	15.5	16.0	16.0	16.5	16.9	16.5
29	11.5	11.5	11.0	11.0	10.5	9.5	9.5	8.9	8.0	7.5	7.2	7.4	7.4	8.0	7.8
30	8.5	8.0	7.6	7.0	6.8	6.8	6.8	7.0	5.8	6.4	6.4	6.2	5.8	5.9	6.4
31															
Prom.	10.3	10.3	10.3	10.2	10.3	10.2	10.3	11.1	11.0	11.0	11.0	11.1	10.8	11.0	10.8

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	9.0	9.5	10.0	9.3	9.0	9.0	9.0	8.5	12.0	7	8.5	24	3.5	10.2
7.6	8.0	9.5	8.5	9.6	9.0	8.5	8.0	7.8	9.6	20	7.6	15-16	2.0	8.5
7.2	6.6	7.2	7.2	8.2	7.8	7.0	7.4	7.8	8.8	8	6.6	15,17	2.2	7.7
7.4	7.8	8.5	8.0	8.3	8.0	7.8	7.8	7.4	8.5	8,18	7.2	13-15	1.3	7.7
8.0	8.5	9.5	9.5	9.0	9.0	8.5	7.8	7.8	9.5	9,18-19	7.0	2	2.5	8.2
13.5	12.0	11.5	12.0	12.3	12.5	12.5	12.5	11.5	13.5	16	8.0	1	5.5	10.9
13.5	13.5	14.0	13.5	13.2	12.5	12.5	12.5	12.5	14.0	13,15,18	11.5	1	2.5	12.9
13.0	15.0	14.5	15.0	14.3	13.5	13.0	13.0	12.0	15.0	17,19	10.0	4	5.0	12.8
13.0	14.0	14.5	14.0	14.4	14.0	14.5	15.0	14.0	15.0	23	11.5	1-2	3.5	13.1
15.5	14.0	13.5	14.0	14.5	14.5	14.5	15.0	15.0	15.5	13,16	13.5	1-4,6,18	2.0	14.4
11.0	10.5	10.5	10.5	10.6	10.0	9.5	10.0	9.0	17.5	10	9.0	24	8.5	13.8
7.8	7.8	9.0	9.5	8.8	8.5	8.5	8.0	8.0	9.5	19	6.6	5	2.9	7.8
8.5	9.0	10.0	10.5	10.1	10.0	9.0	9.0	8.5	10.5	19	7.0	5,7	3.5	8.5
11.5	11.0	10.5	10.0	10.4	10.0	10.0	10.0	9.5	12.0	12	7.6	4	4.4	9.9
10.5	11.5	11.5	13.0	13.1	12.5	13.5	13.0	13.0	13.5	22	9.0	1	4.5	11.2
14.0	14.5	13.5	13.5	13.8	13.5	13.5	13.5	13.5	14.5	7,15,17	12.5	1-2	2.0	13.7
12.0	12.0	12.5	12.0	12.0	11.5	11.5	11.5	11.5	13.8	8	11.5	21-24	2.3	12.6
11.0	11.0	10.0	11.0	11.1	11.0	10.5	10.5	10.5	12.5	9	10.0	18	2.5	11.4
10.5	10.5	11.0	10.5	10.6	9.5	10.0	10.0	10.0	11.2	8	9.5	4,7,21	1.7	10.2
10.5	11.0	11.0	11.5	11.4	11.5	11.5	10.5	9.5	12.5	9	7.8	7	4.7	10.3
10.5	10.5	11.5	11.0	11.4	10.5	11.5	11.5	12.0	12.5	12	9.0	1	3.5	11.0
13.5	14.5	14.5	14.0	14.2	14.0	14.5	13.5	13.5	14.5	17-18,22	11.0	7,9	3.5	12.7
11.5	11.5	11.0	11.0	10.8	10.5	10.0	9.5	9.0	12.0	10	9.0	24	3.0	11.0
10.0	12.5	11.5	11.0	10.9	10.5	10.5	9.5	9.5	12.5	17	9.0	1-2,6-7	3.5	10.2
11.0	11.0	11.0	11.0	10.8	10.5	10.5	10.0	10.0	12.5	12	9.0	3,5	3.5	10.6
8.0	9.5	10.0	9.5	9.2	9.0	10.0	10.5	10.5	10.5	23-24	7.8	7	2.7	9.2
13.0	13.5	13.5	14.0	14.0	14.0	13.5	14.0	13.5	14.0	19-21,23	9.5	9	4.5	11.9
17.0	16.0	15.5	15.0	14.8	14.5	14.0	14.0	12.0	17.0	16	12.0	24	5.0	14.9
7.6	7.8	8.0	7.6	7.6	8.0	8.5	8.5	8.5	11.5	1-2	7.2	11	4.3	8.7
6.4	6.6	7.6	7.4	7.3	6.8	7.0	6.8	6.6	8.5	1	5.8	9,13	2.7	6.8
10.8	11.0	11.2	11.2	11.2	10.9	10.8	10.7	10.4	12.5		9.0		3.5	10.8

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 – 1		1 – 2		2 – 3		3 – 4		4 – 5		5 – 6		6 – 7		7 – 8		8 – 9		9 – 10		10 – 11		11 – 12		12 – 13		13 – 14		14 – 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SE	2	SE	3	S	3	S	2	SW	3	SW	2	SW	6	SW	16	SW	14	SW	20	SW	21	SW	20	SW	19	SW	17	SW	15
2	NW	9	NW	9	NW	9	NW	8	W	6	W	8	W	5	NW	6	W	6	NW	6	W	9	W	9	W	9	SW	8	W	6
3	NW	9	NW	9	NW	7	NW	7	NW	7	W	7	W	5	W	8	SW	7	SW	7	SW	7	SW	9	SW	10	SW	9	SW	10
4	SW	2	SW	2	SW	3	SW	2	SW	3	SW	2	SW	2	SW	5	SW	6	SW	7	S	7	S	7	SW	8	S	7	SW	4
5	S	3	S	2	S	4	NW	3	Calma	1	Calma	1	Calma	1	Calma	0	NE	7	E	8	E	15	E	14	E	13	E	9	E	11
6	Calma	1	Calma	1	S	2	SE	2	SE	3	E	5	E	6	E	9	NE	9	NE	15	NE	13	NE	12	E	8	E	4	SE	3
7	NW	4	SW	3	Calma	1	Calma	0	Calma	1	SW	2	SE	2	S	3	SE	2	SE	2	Calma	0	SW	2	E	4	E	4	SE	2
8	SW	2	W	5	W	5	W	3	W	4	W	8	W	5	W	7	W	8	W	8	W	11	W	10	W	9	SW	7	SW	8
9	E	2	SE	2	SE	4	E	5	E	6	E	7	E	4	NE	5	NE	9	NE	9	N	10	N	14	N	16	N	16	NE	15
10	NE	17	NE	15	NE	17	NE	14	NE	12	NE	14	NE	14	NE	21	NE	28	NE	35	NE	30	NE	28	NE	25	NE	26	NE	22
11	NE	10	NE	13	NE	14	NE	12	NE	12	NE	11	NE	8	E	18	NE	16	NW	8	E	6	NW	6	NW	6	NW	9	SW	12
12	SW	8	SW	7	SW	7	SW	6	SW	9	SW	4	W	3	NW	4	NW	5	NW	6	NW	10	NW	11	NW	14	W	12	W	11
13	NW	4	W	4	NW	4	N	5	NW	3	N	5	N	4	N	8	Calma	1	N		NW	8	NW	9	NW	10	NW	11	NW	10
14	NW	4	NW	4	W	6	W	8	W	5	S	3	S	2	S	3	SE	6	SE	8	SE	9	SE	7	SE	9	SE	11	SE	9
15	S	5	S	6	S	5	S	5	S	4	S	7	SE	6	E	10	E	12	E	10	E	10	E	12	E	11	E	10	E	8
16	SE	5	SE	5	SE	7	S	3	S	4	SE	6	SE	7	SE	9	SE	9	SE	8	SE	8	SE	9	SE	8	SE	9	SE	9
17	S	6	S	5	SW	5	SW	7	SW	7	SW	7	SW	7	SW	9	SW	11	SW	8	S	8	S	9	S	9	S	10	S	12
18	S	5	S	7	S	7	S	8	S	6	S	7	S	5	S	6	S	9	S	8	S	8	SE	9	SE	7	SE	8	SE	9
19	S	4	S	4	S	4	S	3	S	2	S	4	S	4	S	2	S	4	SE	4	E	10	E	11	E	10	SE	5	SE	6
20	SE	3	S	5	S	2	SE	4	S	2	SE	3	SE	3	E	4	NE	10	NE	10	NE	10	NE	10	E	10	E	13	E	11
21	SE	3	E	7	E	9	E	10	NE	10	NE	9	NE	9	NE	10	NE	10	NE	15	NE	15	NE	13	NE	15	NE	15	NE	15
22	E	11	E	13	E	12	NE	14	NE	12	E	10	E	15	E	18	NE	17	NE	18	E	17	E	14	E	14	E	13	E	12
23	W	18	NW	11	NW	13	N	9	NE	13	NW	9	W	8	NW	8	NW	10	NW	15	NW	16	NW	18	NW	17	NW	18	NW	15
24	NW	8	NW	8	NW	8	NW	8	NW	5	NW	6	NW	5	NW	6	NW	8	NW	10	NW	10	NW	10	NW	6	N	9	N	10
25	E	5	NE	6	E	5	NE	8	NE	9	SE	5	E	6	NE	8	E	10	NE	13	NE	11	SW	8	SW	10	S	6	S	7
26	S	3	S	2	S	3	SW	3	SW	3	SW	3	SW	3	SW	2	SW	4	SW	4	SW	5	SW	6	SE	4	SE	5	E	6
27	E	9	E	7	E	7	E	9	E	14	NE	17	E	15	E	20	E	19	E	21	NE	21	NE	18	NE	19	NE	16	NE	14
28	NE	10	NE	9	NE	13	NE	14	N	14	N	16	N	14	N	14	N	13	N	14	NW	10	NW	8	W	3	SW	2	SW	4
29	S	7	S	7	S	4	S	8	S	9	S	8	S	8	S	7	S	7	S	10	S	9	S	6	S	6	SW	6	SW	6
30	S	5	S	5	S	7	S	6	S	6	S	7	S	5	S	5	S	6	S	5	S	7	S	8	S	7	S	7	S	5
31																														
DIRECCIÓN PREVALENTE	S		S		S		S		S		E-SW		E-S-W		E-S		NE		NE		NE		NW		E		E-SW		SW	
NÚMERO DE HORAS	8		9		10		7		7		6		5		6		8		7		6		6		7		6		7	
PROM. HOR. DE LA VELOCIDAD		6		6		6		6		6		6		6		8		9		10		11		10		10		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
SW	11	SW	13	SW	6	W	3	NW	4	NW	5	NW	8	NW	8	NW	7	SW	14	10	35	SW	10.25
W	7	W	5	Calma	1	NW	4	NW	3	NW	3	NW	6	NW	8	NW	7	NW	12	6	24	SW W	11.56 12.07 14.33
SW	10	SW	10	SW	5	SW	5	SW	2	SW	3	SW	5	SW	4	SW	2	SW	16	7	16	SW	14.24
S	5	S	3	S	2	Calma	1	Calma	1	Calma	1	SE	3	SE	2	S	4	SW	12	4	12	W	12.20
E	11	E	9	E	6	E	5	E	3	SE	6	SE	3	SE	2	S	2	E	11	6	17	E	11.33
E	6	S	3	S	3	SE	2	NW	2	NE	4	NE	4	E	4	NE	6	NE E	7	5	16	NE	9.20
SW	2	Calma	1	Calma	1	SW	2	SE	2	W	2	Calma	1	Calma	1	Calma	0	Calma	9	2	3	E	12.22
SW	6	W	3	Calma	1	Calma	0	Calma	0	Calma	1	SE	2	SE	3	Calma	1	W	13	5	14	SW	10.08
NE	16	NE	11	NE	9	E	6	E	10	NE	12	NE	10	NE	14	NE	12	NE	11	9	18	N	12.33
NE	24	NE	20	NE	16	NE	11	NE	7	NE	9	NE	11	NE	13	NE	12	NE	24	18	39	NE	10.10
SW	18	SW	13	SW	13	SW	13	SW	12	SW	12	SW	9	SW	10	SW	11	SW	10	11	26	SW	13.54 15.07 17.56
W	8	W	7	W	4	W	4	W	2	NW	4	E	4	E	3	NW	3	W NW	8	6	16	NW W	12.28 13.08
NW	10	NW	8	E	6	E	5	E	4	E	4	E	4	E	5	NW	3	E NW	8	6	14	NW	14.24 15.24 16.36
E	13	E	11	SE	8	SE	5	SE	5	SE	5	SE	7	SE	7	SE	6	SE	14	7	12	E	13.44
E	8	SE	5	SE	5	SE	7	SE	4	S	2	S	3	S	3	S	5	S	10	7	12	E	8.36
SE	6	SE	7	S	7	SE	15	SE	11	SW	8	S	6	S	7	S	4	SE	17	7	23	SE	18.20
S	10	S	8	S	5	S	3	S	3	S	3	S	4	S	4	S	4	S	16	7	17	S	16.12
SE	7	SE	9	SE	7	SE	3	SE	4	S	3	S	3	S	4	S	3	S	15	6	14	S SE	1.17 12.28
E	8	E	9	E	5	E	5	SE	3	SE	3	SE	4	SE	5	SE	4	S	9	5	17	E	11.08
E	11	E	9	E	7	SE	6	SE	5	SE	6	SE	6	SE	4	SE	4	SE	10	7	13	E	11.12
NE	12	NE	9	E	7	E	8	E	12	E	10	E	7	E	7	E	10	NE	13	10	18	E	14.42
E	12	E	11	E	9	E	7	E	11	E	11	E	13	NE	14	NE	16	E	18	13	20	E	9.26
NW	14	NW	13	NW	14	NW	14	NW	10	NW	11	NW	9	NW	8	NW	9	NW	20	12	53	N	0.28
NE	8	NE	6	NE	5	NE	4	NE	5	NE	6	NE	7	Calma	0	E	4	NW	13	7	12	N	14.40
S	8	S	9	SW	12	SW	9	S	7	SW	7	SE	9	SW	4	SW	4	SW	7	8	18	SW	11.56
E	7	E	7	E	3	E	5	SE	3	SE	6	SE	6	E	7	E	7	SW	9	4	8	E	14.34
NE	9	E	7	E	4	E	8	E	10	E	11	NE	13	E	11	E	12	E	16	13	27	E	9.00
SW	3	SW	6	S	6	S	4	S	5	S	9	S	7	S	7	S	7	S	7	9	16	NE	9.40
SW	8	SW	5	SW	6	SW	7	SW	7	SW	5	SW	6	SW	4	SW	7	S	13	7	15	S	9.16
S	6	S	3	Calma	1	Calma	1	Calma	1	Calma	0	Calma	0	Calma	1	Calma	1	S	17	4	11	S	10.48
E		E		E		E		SE		SE-SW		SE		SE		S		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA EN EL MES		
8		7		7		7		8		5		8		6		7		Dirección	Horas		36 Km.		
	9		8		6		6		5		6		6		6		6	S	124	7	DIRECCIÓN	DÍA	HORA
																					NE	10	de 8.45 a 9.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1							2	5	2	5	14	183	1	3	5	32		228
2											1	8	10	70	12	78	1	157
3											16	105	3	20	5	39		164
4							2	5	7	35	12	46					3	89
5			1	7	11	104	3	11	4	11					1	3	4	139
6			7	63	7	42	4	10	3	8					1	2	2	127
7					2	8	5	10	1	3	5	11	1	2	1	4	9	44
8							2	5			4	23	13	86			5	117
9	4	56	11	122	7	40	2	6										224
10			24	441														441
11			8	96	2	24					10	123			4	29		272
12	2	7									6	41	8	51	8	57		156
13	11	55											1	4	11	80	1	140
14					2	24	14	102	3	8			3	19	2	8		161
15					9	91	5	27	10	45								163
16							17	138	6	31	1	8						177
17									16	103	8	61						164
18							9	63	15	89								152
19					7	58	8	34	9	31								123
20			4	40	7	65	10	44	3	9								158
21			13	157	10	87	1	3										247
22			6	91	18	223												314
23	1	9	1	13									2	26	20	252		300
24	2	19	7	41	1	4									13	98	1	162
25			6	55	4	26	2	14	5	37	7	54						186
26					7	42	5	24	3	8	9	33						107
27			8	127	16	184												311
28	6	85	4	46					7	45	4	15	1	3	2	18		212
29									13	96	11	67						163
30									17	100							7	105
31																		
SUMAS	26	231	100	1299	110	1022	91	501	124	664	108	778	43	284	85	700	33	5503
% PREVAL POR VELOCIDAD	4.2		23.6		18.6		9.2		12.1		14.1		5.2		12.7		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	9		13		9		6		5		7		7		8		1	177

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1		3	4	4	8	3	1	6	1
1 - 2		4	3	3	9	3	2	5	1
2 - 3		3	4	2	10	3	2	5	1
3 - 4	2	5	3	2	7	4	2	4	1
4 - 5	1	6	2	1	7	5	3	3	2
5 - 6	2	4	3	3	6	6	3	2	1
6 - 7	2	3	5	4	5	4	5	1	1
7 - 8	2	4	6	1	6	4	2	4	1
8 - 9	1	8	3	3	4	5	2	3	1
9 - 10	2	7	3	4	3	5	1	5	
10 - 11	1	6	5	2	5	3	2	5	1
11 - 12	1	5	4	3	4	5	2	6	
12 - 13	1	3	7	4	3	4	3	5	
13 - 14	2	3	6	5	4	6	1	3	
14 - 15	1	4	5	6	3	7	2	2	
15 - 16		5	8	2	4	7	2	2	
16 - 17		4	7	3	5	5	3	2	1
17 - 18	1	3	7	3	5	5	1	1	4
18 - 19	1	2	7	6	2	5	2	2	3
19 - 20	1	2	5	8	3	3	1	4	3
20 - 21	1	4	3	5	4	5	1	4	3
21 - 22	2	5	2	8	5	3		3	2
22 - 23	2	3	4	6	5	4		3	3
23 - 24		4	4	3	7	4		5	3
SUMAS	26	100	110	91	124	108	43	85	33
% de frec. por dirección	3.6	13.9	15.3	12.6	17.2	15.0	6.0	11.8	4.6

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9				10	0	3	Z.
	10				10	0	4	LL.
1	12	42.2	20.7	1.75	7	3	5	
	14	45.6	22.3	1.89	5	3	5	
	15	43.5	22.0	1.75	3	5	5	
	9	40.8	20.0	1.69	0	5	5	
	10	44.6	23.0	1.76	0	5	5	
2	12	47.0	26.0	1.71	0	5	5	
	14	46.9	26.1	1.69	1	5	5	
	15	45.1	25.6	1.58	0	5	5	
	9	39.5	19.8	1.60	0	5	5	
	10	43.4	22.4	1.71	0	5	5	
3	12	46.1	24.6	1.75	0	5	5	
	14	44.6	24.5	1.63	0	5	5	
	15	43.5	23.8	1.60	0	5	5	
	9	39.2	18.0	1.72	0	5	5	
	10	37.5	19.0	1.50	3	3	5	
4	12	44.9	22.0	1.86	6	5	5	
	14	45.4	22.6	1.85	4	5	5	
	15	30.5	18.0	1.01	3	5	5	
	9	37.0	18.5	1.50	6	4	3	
	10	27.8	17.6	0.83	8	0	5	
5	12	44.2	22.1	1.80	6	2	5	
	14	43.8	22.4	1.74	4	2	5	
	15	37.8	20.7	1.39	5	2	5	
	9	25.9	16.6	0.76	9	0	5	
	10	28.6	18.5	0.82	9	0	5	
6	12	32.7	21.2	0.93	10	0	5	
	14				10	0	4	LL.
	15				10	0	4	B.
	9				10	0	2	Z.
	10	24.2	17.4	0.55	10	0	2	N.
7	12	22.2	17.6	0.37	10	0	2	B.
	14	24.2	17.8	0.52	10	0	2	B.
	15	19.2	17.2	0.16	10	0	3	B.
	9	41.2	22.2	1.54	0	5	5	
	10	45.8	25.2	1.67	2	5	5	
8	12	49.0	28.6	1.66	0	5	5	
	14	49.4	30.6	1.53	0	5	5	
	15	47.9	30.0	1.46	0	5	5	
	9	41.7	24.8	1.37	4	5	4	
	10	45.7	27.0	1.52	4	5	4	
9	12	50.2	30.5	1.61	5	5	5	
	14	49.4	30.6	1.53	3	5	5	
	15	43.1	28.9	1.15	1	5	5	
	9	44.0	24.6	1.58	0	5	5	
	10	44.1	26.0	1.47	1	3	5	
10	12	49.9	29.4	1.67	0	5	5	
	14	49.4	30.1	1.57	0	5	5	
	15	47.4	29.4	1.46	0	5	5	
	9				10	0	3	LL.,Ru.
	10				10	0	3	LL.,Ru.
11	12				10	0	4	LL.,Ru.
	14				10	0	4	LL.,Ru.
	15				10	0	4	LL.
	9	39.2	18.3	1.70	0	5	5	
	10	42.4	20.6	1.77	0	5	5	
12	12	45.4	23.6	1.77	0	5	5	
	14	44.6	24.0	1.67	0	5	5	
	15	42.7	23.5	1.56	0	5	5	
	9	40.7	20.0	1.68	0	5	5	
	10	44.2	23.0	1.72	0	5	5	
13	12	46.6	25.3	1.73	0	5	5	
	14	46.0	25.6	1.66	0	5	5	
	15	43.9	25.0	1.53	0	5	5	
	9	39.1	19.2	1.62	1	5	3	B.
	10	40.0	21.0	1.54	1	3	3	B.
14	12	34.5	21.6	1.05	4	3	3	B.
	14	31.0	20.8	0.83	6	3	3	B.
	15	39.5	22.6	1.37	5	3	4	
	9	27.8	18.5	0.76	9	0	4	
	10	28.5	18.7	0.80	9	0	4	
15	12	31.4	21.7	0.79	9	0	5	
	14	36.0	23.5	1.01	9	0	5	
	15	29.6	21.5	0.65	9	0	5	
	9	21.0	18.0	0.24	10	0	3	
	10				10	0	3	Z.
16	12	28.0	20.6	0.60	10	0	3	
	14	25.1	20.1	0.41	10	0	2	
	15	25.0	20.0	0.41	10	0	3	
	9				10	0	3	LL.
	10				10	0	2	LL.
17	12	30.6	19.9	0.87	10	0	5	
	14	36.8	22.4	1.17	10	1	5	
	15	35.2	22.2	1.06	8	3	5	
	9	28.0	18.2	0.80	9	1	4	B.
	10	36.0	21.1	1.21	8	3	5	
18	12	34.2	21.6	1.02	7	3	5	
	14	45.1	24.8	1.65	6	3	5	
	15	32.2	21.1	0.90	4	3	5	
	9	24.8	22.4	0.20	10	0	2	Ne.
	10	30.0	19.5	0.85	10	1	5	
19	12	46.3	24.8	1.75	3	5	5	
	14	44.0	24.4	1.59	1	5	4	
	15	38.1	22.8	1.24	1	5	5	
	9	40.5	20.8	1.60	0	5	5	
	10	40.3	20.3	1.63	0	5	5	
20	12	50.0	26.5	1.91	6	5	5	
	14	45.4	25.2	1.64	3	5	5	
	15	41.4	23.6	1.45	2	3	5	
	9	27.5	17.8	0.79	10	0	5	
	10	41.0	22.0	1.54	7	5	5	
21	12	42.8	24.6	1.48	2	5	5	
	14	36.9	24.1	1.04	6	3	5	
	15	27.6	21.3	0.51	8	0	5	
	9	30.5	19.1	0.93	10	0	5	
	10	40.0	22.0	1.46	6	5	5	
22	12	36.4	22.2	1.15	9	2	5	
	14	46.4	26.0	1.66	7	5	5	
	15	41.5	26.0	1.26	7	3	5	
	9	40.0	20.5	1.58	0	5	5	
	10	43.3	22.6	1.68	0	5	5	
23	12	46.0	25.3	1.68	0	5	5	
	14	45.9	26.2	1.60	0	5	5	
	15	43.6	25.3	1.49	0	5	5	
	9	40.4	20.9	1.58	0	5	5	
	10	44.0	23.7	1.65	0	5	5	
24	12	48.5	27.5	1.71	0	5	5	
	14	47.5	28.0	1.58	0	5	5	
	15	45.6	27.3	1.49	0	5	5	
	9	31.9	20.4	0.93	10	0	4	
	10	28.5	20.0	0.69	10	0	5	
25	12				10	0	4	
	14				10	0	5	LL.
	15				10	0	5	
	9	36.5	16.0	1.67	0	5	5	
	10	41.0	19.5	1.75	0	5	5	
26	12	44.5	22.6	1.78	1	5	5	
	14	43.0	23.3	1.60	0	5	5	
	15	36.5	21.6	1.21	1	4	5	B.
	9	39.1	20.1	1.54	4	4	5	
	10	41.0	21.5	1.58	4	4	5	
27	12	25.7	18.3	0.60	10	0	5	
	14	24.2	18.6	0.46	10	0	5	
	15	25.5	19.3	0.50	10	0	5	
	9	42.6	24.5	1.47	6	4	5	
	10	30.3	22.5	0.63	9	0	5	
28	12	25.3	21.7	0.29	10	0	5	
	14	30.2	22.3	0.64	10	0	4	
	15				10	0	3	LL.
	9	38.0	18.6	1.58	4	5	5	
	10	27.5	12.2	1.24	10	2	5	
29	12	23.5	19.5	0.32	10	0	5	
	14	26.5	17.4	0.74	10	0	5	
	15	25.0	12.0	1.06	10	1	5	
	9	20.8	11.8	0.73	9	2	5	
	10	37.4	17.2	1.64	6	4	5	
30	12	38.0	19.0	1.54	1	5	5	
	14	35.0	18.0	1.38	1	5	4	
	15	31.0	24.0	0.57	2	4	5	
	9							
	10							
31	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR. ASTRON	H.RELATIVA
1						0.1	0.7	1.0	1.0	1.0	1.0	1.0	0.3		6.1	11.7	52
2		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	11.6	93
3		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	11.6	93
4			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.4	11.6	90
5			0.4	1.0	0.6	0.7	1.0	1.0	0.9	1.0	0.8	0.4			7.8	11.6	67
6					0.4	0.6	0.6	0.3							1.9	11.5	16
7															0.0	11.5	00
8				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		9.1	11.5	79
9		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.7	11.4	85
10			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			9.2	11.4	81
11															0.0	11.4	00
12		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2		10.4	11.3	92
13		0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.3	11.3	91
14			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.7	11.2	87
15			0.5	0.8	0.4	1.0	0.4	0.5	0.7	0.2	0.7				5.2	11.2	46
16						0.1	0.1								0.2	11.2	02
17							0.1		0.6	1.0	1.0	0.2			2.9	11.1	26
18				0.5	0.6	1.0	1.0	0.9	1.0	0.8	1.0	0.7			7.5	11.1	68
19				0.3	0.1	0.6	1.0	1.0	1.0	1.0	1.0	0.7			6.7	11.0	61
20			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.6	11.0	87
21				0.3	0.7	1.0	1.0	1.0	0.8	0.7	0.4	0.6			6.5	11.0	59
22			0.9	0.8	0.5	0.9		0.5	1.0	1.0	1.0	0.1			6.7	10.9	62
23			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.5	10.9	87
24			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8			9.7	10.9	89
25					0.5	0.5		0.1							1.1	10.8	10
26				0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			8.1	10.8	75
27			0.8	1.0	1.0	0.9									3.7	10.8	34
28				0.2	0.7	0.2									1.1	10.8	10
29			0.1	0.6	1.0	0.9	0.7	0.3	0.1	0.7	0.6	0.1			5.1	10.7	48
30			0.8	0.6	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.3	10.7	78
31																	
Medias		0.0	0.4	0.6	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.5	0.1		6.6	11.2	59

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	16.8	19.2	17.6	16.5	17.7	17.7	16.3	16.6	17.2	17.5	17.6	17.7	20.2	20.1	20.0
2	14.8	21.0	18.8	15.3	18.9	18.8	16.2	16.6	17.8	17.5	17.4	17.9	20.0	20.0	19.9
3	14.6	21.0	18.4	15.9	19.9	18.5	16.6	17.0	17.8	17.8	17.6	18.0	20.2	20.1	20.0
4	14.8	20.3	18.0	15.3	18.4	18.1	16.3	16.6	17.4	17.7	17.5	17.8	20.1	20.0	19.8
5	14.8	19.6	17.6	15.2	17.8	17.6	16.0	16.3	17.0	17.4	17.1	17.5	19.9	19.9	19.7
6	15.6	19.1	18.2	15.6	17.6	17.6	16.0	16.3	16.8	16.2	17.1	17.3	19.8	19.6	19.6
7	17.8	19.4	19.0	17.1	18.3	18.3	16.6	17.0	17.4	17.4	17.4	17.6	19.6	19.6	19.8
8	16.8	23.6	21.5	16.7	20.8	20.9	16.7	17.8	19.2	17.6	17.8	18.6	19.7	19.8	19.9
9	18.6	24.2	22.1	18.0	21.7	21.5	18.0	18.8	20.0	18.6	18.7	19.4	20.4	20.4	20.6
10	19.4	24.6	22.2	19.0	22.1	21.7	18.9	19.7	20.4	19.4	19.5	20.0	21.0	21.0	21.1
11	20.8	20.8	18.4	20.0	20.0	18.5	19.2	19.2	18.6	19.8	19.4	19.2	21.3	21.2	21.0
12	14.3	20.7	17.6	15.0	18.8	18.2	16.6	17.2	18.0	18.2	17.9	18.3	20.6	20.4	20.2
13	13.9	21.0	17.8	14.2	19.7	18.2	15.8	16.8	17.8	17.4	17.4	17.9	20.0	19.9	19.7
14	15.0	21.8	18.2	14.5	19.9	18.5	15.7	16.9	18.0	17.3	17.2	18.0	19.8	19.6	19.6
15	15.9	20.9	19.4	15.7	18.9	18.8	16.2	16.9	17.8	17.4	17.4	17.8	19.7	19.6	19.6
16	18.8	20.6	19.6	18.0	19.2	18.9	17.4	17.6	18.0	17.8	18.0	18.1	19.8	19.8	19.8
17	18.2	20.4	18.9	17.7	18.8	18.8	17.4	17.4	18.0	18.0	18.0	18.1	19.9	19.9	19.9
18	17.3	19.4	18.5	17.0	19.4	18.6	17.0	17.6	18.0	17.8	17.8	18.2	19.9	19.9	19.8
19	15.6	21.1	17.8	15.9	19.0	18.1	16.4	17.0	17.6	17.6	17.6	17.8	19.8	19.8	19.6
20	15.8	21.0	18.5	15.2	18.9	18.3	16.0	16.8	17.6	17.3	17.2	17.7	19.6	19.5	19.4
21	16.0	21.4	19.2	16.0	19.0	18.6	16.2	16.9	17.8	16.4	17.3	17.8	19.5	19.4	19.4
22	18.0	21.5	20.6	17.1	19.3	19.7	17.0	17.5	18.4	17.7	17.8	18.3	19.6	19.7	19.8
23	16.8	21.6	18.6	16.9	19.7	18.7	17.0	17.8	18.2	18.0	18.0	18.4	19.9	19.9	19.9
24	15.2	21.8	18.8	15.4	19.4	18.8	16.4	17.2	18.1	17.7	17.5	18.0	19.9	19.7	19.7
25	16.4	18.8	17.0	16.2	17.8	16.8	16.4	16.6	16.6	17.6	17.3	17.4	19.7	19.5	19.4
26	14.5	20.0	16.7	14.7	18.0	17.1	15.4	16.2	16.8	16.6	16.6	17.2	19.1	19.0	19.0
27	15.4	18.4	18.5	15.3	17.3	17.6	15.6	16.2	16.6	16.8	16.7	17.0	19.2	19.0	18.9
28	18.3	20.6	19.8	17.5	19.2	19.0	16.7	17.2	17.2	17.0	17.3	17.2	19.0	19.1	19.2
29	16.7	18.6	16.4	16.7	17.8	16.7	16.8	16.8	16.6	17.5	16.3	17.3	19.2	19.2	19.1
30	13.8	18.0	15.0	14.2	16.4	15.6	15.2	15.4	15.8	16.0	16.3	15.4	18.9	18.7	18.5
31															
Prom.	16.4	20.7	18.6	16.3	19.0	18.5	16.6	17.1	17.8	17.6	17.6	17.9	19.8	19.8	19.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Preatímetro
	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	40.1	41.1	40.7	38.8	2	0.2	0.6	1.0	2.0	I. 1	21.1	20.6	24.8			8407
2	0.0	0.0	0.0	0.0	2	0.4	1.8	1.4	3.8							8431
3					2	0.6	1.6	1.5	3.6							8432
4					1	0.5	1.2	1.0	2.5							8447
5					0	0.3	1.5	2.0	3.7							8445
6					0	0.2	1.0	0.3	1.5							8431
7	1.0	1.0	0.7	0.0	1	0.2	0.2	0.1	0.4	-	-	-	-			8420
8					0	0.1	1.2	1.2	2.6							8422
9					0	0.2	2.2	1.8	5.0							8440
10					0	1.0	2.1	1.6	4.5							8438
11	15.2	15.5	15.0	13.0	2	0.8	0.1	0.3	0.1							8440
12	16.6	16.1	15.3	14.0	2	0.7	1.7	1.2	3.1	-	-	-	-			8438
13					2	0.2	2.0	1.5	3.9							8430
14					1	0.4	0.9	0.7	1.9							8427
15					1	0.3	1.0	0.9	2.2							8426
16	0.0	0.2	0.0	0.0	2	0.3	0.5	0.3	1.2							8420
17	4.9	5.2	4.9	4.6	2	0.4	0.5	0.6	1.3	I. 2	22.5	20.5	24.1			8432
18	1.1	1.3	1.0	1.0	2	0.2	0.7	0.9	1.7							8446
19					1	0.1	1.2	0.7	2.0							8455
20					1	0.1	1.3	0.9	2.4							8450
21					0	0.2	1.3	1.1	3.4							8450
22					0	1.0	1.0	0.8	2.5	I. 3	21.7	20.7	26.0	19.6		8448
23	0.0	14.3	14.0	13.8	2	0.7	1.4	1.4	3.3							8448
24					2	0.5	1.7	1.6	3.7							8469
25					2	0.4	0.9	0.3	1.3							8472
26	9.1	9.8	8.5	5.1	2	0.1	1.0	0.8	2.1							8404
27					2	0.3	0.9	0.3	1.8							8402
28	0.0	0.0	0.2	0.0	2	0.6	0.5	0.3	1.1	I. 4	22.3	21.2	26.2			8481
29	21.6	21.5	21.7	20.1	2	0.3	1.3	0.9	2.9							8456
30					2	0.7	1.3	0.9	2.4							8458
31																
Prom.	109.6	126.0	122.0	110.4	-	0.4	1.2	0.9	2.5	-	-	-	-	-	-	8439

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		
20.3	20.2	20.0	21.4	21.3	21.3	21.9	20.8	12.2	Cn. m. y t., Ca. n., Z.LL. m., r. n.
20.0	20.1	19.8	20.7	21.1	21.2	21.8	20.8	5.9	Ca. m. t. y n., r. m. y n.
20.0	20.1	19.9	20.9	21.0	21.0	21.8	20.8	6.4	Ca. m. t. y n., B.r. m., r. n.
20.0	20.1	19.8	20.7	20.8	20.8	21.7	20.8	1.5	Ca. m. y n., Cn. t., r. m. y n.
20.0	20.1	19.8	20.6	20.7	20.7	21.6	20.8	3.2	Cn. m., Ca. n., Ne. m., r. m. y n.
19.8	19.7	19.6	20.5	20.6	20.6	21.7	20.8	4.6	Cn. m. t. y n., r. m., LL.Ru.Z. t.
19.6	19.6	19.5	20.6	20.6	20.6	21.7	20.8	-	Cn. m. t. y n., N. m., Ne.Z. t.
19.5	19.7	19.7	20.4	20.6	20.5	21.6	20.8	-	Ca. m. t. y n., Ne. m., r. n.
19.9	20.1	20.0	20.4	20.6	20.5	21.5	20.8	9.9	Cn. m., Ca. t. y n., r.Ne. m.
20.4	20.5	20.4	20.6	20.6	20.6	21.5	20.8	14.0	Ca. m. t. y n., r. m.
20.6	20.6	20.6	20.5	20.5	20.6	21.5	20.9	-	Cn. m. y t., Ca. n., N.Ru.LL. m., Ru.LL. t.
20.4	20.3	20.0	20.4	20.5	20.5	21.5	20.8	1.2	Ca. m. t. y n., r. m. y n.
19.9	19.9	19.6	20.2	20.4	20.4	21.3	20.7	1.5	Ca. m. t. y n., r. m. y n.
19.7	19.7	19.5	20.1	20.3	20.3	21.3	20.7	4.3	Ca. m. y n., Cn. t., N.r. m. B t., r. n.
19.5	19.5	19.4	20.0	20.2	20.3	21.2	20.7	6.7	Cn. m. t. y n., r. m., Z. t.
19.5	19.5	19.6	20.2	20.3	20.3	21.2	20.7	13.8	Cn. m. t. y n., Z. m. y t., LL. n., N. t.
19.6	19.6	19.5	20.1	20.3	20.2	21.2	20.8	13.6	Cn. m. y t., Ca. n., LL. m., r. n.
19.6	19.6	19.4	20.1	20.2	20.2	21.2	20.7	8.9	Cn. m. y t., Ca. n., r. m. y n.
19.5	19.6	19.3	20.0	20.1	20.0	21.2	20.7	7.2	Cn. m., Ca. t. y n., r. m. y n., B. t.
19.4	19.4	19.3	19.8	20.0	20.0	21.0	20.7	6.4	Cn. m., Ca. t. y n., r. m. y n., N. m.
19.3	19.3	19.2	19.8	20.0	19.9	21.1	20.7	-	Cn. m. t. y n., r. m.
19.3	19.5	19.4	20.1	20.0	20.0	21.0	20.6	11.7	Cn. m. t. y n., r. m. y n.
19.5	19.6	19.4	20.0	20.0	20.0	21.0	20.7	11.1	Ca. m. t. y n., r. n.
19.5	19.6	19.4	19.8	20.0	20.0	21.0	20.7	6.0	Ca. m. t. y n., r. m. y n., Jl. n.
19.5	19.4	19.3	19.8	19.9	19.8	20.9	20.6	6.5	Cn. m. t. y n., r. m., CH. m., LL. t.
19.1	19.1	18.8	19.7	19.8	19.7	20.8	20.5	-	Cn. m., Ca. t. y n., N. m., r. m. y n., B. t.
18.8	18.8	18.7	19.7	19.6	19.7	20.8	20.6	6.4	Cn. m. t. y n., r. m. y n.
18.7	18.7	18.7	19.7	19.7	19.7	20.7	20.5	15.5	Cn. m. t. y n., CH. m., Ru. t., LL. t.
18.8	18.8	18.7	19.6	19.7	19.6	20.7	20.5	-	Cn. m. t. y n., r. m.
18.6	18.6	18.3	19.2	19.3	19.4	20.7	20.5	5.5	Cn. m., Ca. t. y n., Js.r. m., r. t. y n.
19.6	19.6	19.5	20.2	20.3	20.3	21.3	20.7	7.7	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	59.8	67.1	4	10	49.8	10	18	16.0	21.7	11.1	27.8	8	16	6.9	5	3	7.6	11.5	66
2ª	61.0	65.8	19	8	50.6	11	13	15.9	21.2	11.2	22.2	15	14	7.1	13	5	6.2	11.2	56
3ª	58.6	64.6	30	24	52.7	23	4	16.0	20.6	11.8	25.3	24	14-15	6.7	30	24	6.0	10.8	55
MES	59.8	67.1	4	10	49.8	10	8	15.9	21.2	11.4	27.8	8	16	6.7	30	24	6.6	11.2	59

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	81	100	6,8	39	1-2	10.6	15.5	6.6	SW	7	36	10	35	10	9-10	39	NE	10	10.10	42.1	41.1	1	7.0	31/III	20-21
2ª	83	100	11,18,20	40	13	10.9	17.5	6.6	SE	7	24	11	18	11	7-8 / 15-16	26	SW	11	13.54 / 15.07 / 17.56	38.3	16.1	12	4.0	11	13-14
3ª	80	100	21,25	41	24	10.7	17.0	5.8	E	9	32	27	21	27	9-10 / 10-11	53	N	23	0.28	45.6	21.5	29	10.0	23	1-2
MES	82	100		40	13	10.8	17.5	5.8	S	7	36	10	35	10	9-10	53	N	23	0.28	126.0	41.1	1	10.0	23	1-2

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENOMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	9	-	-	-	-	-	-	-	-	-	-	4	2	-	3	-
2ª	8	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-
3ª	9	-	-	-	-	-	-	1	1	-	-	2	5	-	-	-
MES	26	-	-	-	-	-	-	1	1	-	-	8	10	-	3	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III MAYO 1948 N.° 5

RESUMEN MENSUAL

La primera semana se caracteriza por un contínuo ascenso de la temperatura, el que es provocado por la afluencia constante de aire cálido y húmedo; el promedio diario termométrico sobrepasa en efecto los 10.0° C. Aumenta también considerablemente la nubosidad y se registran a partir del 4 ligeras lluvias y tormentas eléctricas. En la noche del 7 al 8 llega al Observatorio una masa de aire frío que reemplaza al tropical existente en el que se registrara la máxima de la tensión del vapor con 17.6 mm. Antes y durante el pasaje del frente caen llúvias intensas;la casi totalidad de la precipitación mensual se registra en esta década.El descenso de la tempe atura excede los 10.0° C. El buen tiempo dura poco, pues ya el 9 una corriente del N con carácter tropical nuevamente invade la región.

Este aire tropical determina el tiempo hasta el 14. Nubosidad variable, humedad elevada y la temperatura máxima del mes con 26.5° C son sus otras características. En la zona frontal entre el aire tropical y la masa de aire polar que avanza rápidamente desde el sudoeste se forma una depresión en el sud de la Provincia de Buenos Aires. Baja entonces la presión aceleradamente (10 mm. en 24 horas) y alcanza con 746.6 mm. su valor mínimo mensual. El pasaje del frente desencadena chaparrones y granizo el 14. En la segunda mitad de la década reina buen tiempo con vientos predominantes del sector SW. La temperatura con valores por debajo de su nivel normal sigue descendiendo paulatinamente mientras aumenta la presión.

Este proceso culmina el 21. El centro del anticiclón frío pasa por el centro de la República; la presión rebasa por primera vez este año 770.0 mm. alcanzando con 771.6 mm. su máximc mensual. En ambiente muy seco la tensión del vapor delata ya valores invernales al marcar cifras inferiores a 5.0 mm. La fuerte irradiación nocturna en este aire frío y seco hace descender la temperatura hasta -0.8°C que es el valor mínimo mensual.El viento cambia el 22 al N y la temperatura y humedad aumentan nuevamente.El aire más húmedo del E comporta nieblas durante todo el día 25. En los últimos días del mes prevalece tiempo húmedo y fresco con nubosidad variable.

Los promedios mensuales se mantienen en sus términos normales ya que el comienzo del invierno, que se expresa en fuerte empuje de aire polar, es un fenómeno típico de la segunda década de este mes.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	101	73	64	60	62	62	60	117	98	82	153	151	114	117	114
2	50	54	62	54	32	30	34	64	80	71	81	69	71	80	75
3	85	87	142	135	112	146	103	89	105	98	78	97	107	94	78
4	46	60	54	60	42	46	54	69	54	42	19	12	40	38	48
5	2	12	28	38	30	30	-	42	20	-	-	-	-	-	-
6	30	26	30	26	32	42	38	30	24	26	26	38	±∞	±∞	±∞
7	22	30	26	30	24	24	26	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	22	22	38	38
9	58	52	50	42	7	18	24	48	71	36	32	48	56	62	71
10	44	64	46	22	38	18	20	38	80	89	32	27	30	52	54
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	36	31	-	-	-	-	17	26	22
13	20	18	16	12	15	14	20	43	27	21	14	12	12	15	31
14	16	14	28	26	20	14	24	18	16	18	26	-	-	-	-
15	36	24	20	24	26	22	44	75	85	75	75	73	69	62	58
16	60	58	62	62	66	66	60	71	75	85	95	87	78	69	66
17	38	30	40	36	28	30	34	48	71	89	105	97	96	101	107
18	30	14	38	- 4	0	42	38	44	89	139	132	116	91	87	60
19	44	46	52	54	52	64	66	78	82	82	76	82	75	69	71
20	22	24	17	18	22	23	27	44	52	56	72	78	75	69	58
21	-	-	42	-	36	42	-	50	80	94	103	101	80	78	89
22	22	34	52	12	9	7	- 5	- 2	32	5	34	75	82	94	98
23	22	12	7	9	14	7	9	22	28	36	44	70	103	112	71
24	5	-	-	-	24	14	28	40	14	18	47	21	16	24	28
25	44	44	44	46	14	91	126	105	123	128	129	53	58	46	73
26	34	85	139	101	107	85	22	18	22	18	-	-	-	-	-
27	16	12	20	54	46	46	42	36	20	12	58	87	103	82	50
28	-	-	-	-	-	-	-	-	-	-	67	67	64	69	71
29	12	18	26	18	32	32	-	-	-	-	-	-	-	20	24
30	71	62	44	46	46	22	24	- 4	46	42	20	20	20	22	26
31	42	46	53	62	38	48	45	75	62	44	20	20	20	22	22
Prom	50.2	41.7	43.0	39.1	33.9	38.1	40.4	57.4	70.7	71.0	75.2	76.4	72.2	72.3	66.6

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	3.31	7.18	10.50	0.46	5.04	7.00	12.04	0.72	0.38	0.35	0.73	1.08	0.67	0.84	1.51	0.80
2	-	-	-	-	-	-	-	-	0.82	1.00	1.82	0.82	1.02	0.96	1.98	1.06
3	-	-	-	-	-	-	-	-	0.38	0.52	0.90	0.73	-	-	-	-
4	-	-	-	-	-	-	-	-	0.87	1.14	2.01	0.76	1.12	1.16	2.28	0.96
5	-	-	-	-	-	-	-	-	0.96	1.35	2.31	0.71	1.29	1.22	2.51	1.06
6	-	-	-	-	-	-	-	-	0.87	0.88	1.75	0.99	0.55	0.68	1.23	0.81
7	-	-	-	-	-	-	-	-	-	-	-	-	1.06	1.04	2.10	1.02
8	-	-	-	-	5.21	8.52	13.73	0.61	0.37	0.79	1.16	0.47	0.66	0.89	1.55	0.74
9	5.74	8.17	13.91	0.70	11.56	10.54	22.10	1.10	0.63	0.95	1.58	0.66	1.20	1.39	2.59	0.86
10	-	-	-	-	11.30	11.27	22.57	1.01	0.48	0.53	1.01	0.90	1.60	1.28	2.88	1.25
11	-	-	-	-	-	-	-	-	1.27	2.16	3.43	0.59	0.75	1.50	2.25	0.50
12	-	-	-	-	-	-	-	-	0.33	0.80	1.13	0.41	0.62	0.49	1.11	1.26
13	-	-	-	-	-	-	-	-	0.92	1.36	2.28	0.68	0.57	0.87	1.44	0.66
14	-	-	-	-	-	-	-	-	0.81	1.27	2.08	0.64	1.01	1.29	2.30	0.78
15	-	-	-	-	-	-	-	-	-	-	-	-	0.96	1.00	1.96	0.96
16	-	-	-	-	-	-	-	-	0.40	0.62	1.02	0.64	0.71	0.85	1.56	0.84
17	-	-	-	-	-	-	-	-	0.47	0.36	0.83	1.30	0.38	0.73	1.11	0.52
18	-	-	-	-	7.60	10.94	18.54	0.70	0.25	0.46	1.71	0.54	0.75	1.16	1.91	0.65
19	7.83	12.18	20.02	0.64	8.88	8.91	17.79	1.00	0.37	0.40	0.77	0.92	1.06	0.90	1.96	1.18
20	-	-	-	-	-	-	-	-	0.52	0.44	0.96	1.18	1.01	1.44	2.45	0.70
21	-	-	-	-	5.15	8.71	13.86	0.59	0.63	0.54	1.17	1.17	0.50	0.75	1.25	0.67
22	-	-	-	-	9.03	9.26	18.30	0.98	0.62	0.91	1.53	0.68	0.78	1.06	1.84	0.74
23	-	-	-	-	7.07	10.99	18.06	0.64	-	-	-	-	0.75	0.93	1.68	0.81
24	-	-	-	-	11.14	9.97	21.11	1.11	0.56	0.82	1.38	0.68	1.09	0.83	1.92	1.31
25	-	-	-	-	5.06	7.65	12.71	0.66	0.06	0.15	0.21	0.40	0.58	0.75	1.33	0.77
26	-	-	-	-	-	-	-	-	0.68	0.73	1.41	0.93	0.88	1.07	1.95	0.82
27	6.30	8.27	14.57	0.76	-	-	-	-	0.64	0.76	1.40	0.84	0.60	0.66	1.26	0.91
28	-	-	-	-	-	-	-	-	0.73	0.75	1.48	0.97	1.30	0.89	2.19	1.46
29	-	-	-	-	14.44	10.14	24.57	1.42	0.34	0.57	0.91	0.60	0.53	0.50	1.03	1.06
30	-	-	-	-	12.35	12.92	25.27	0.96	0.73	1.18	1.91	0.62	1.43	1.43	2.86	1.00
31	5.10	6.87	11.96	0.75	3.85	6.70	10.55	0.57	0.54	0.54	1.08	1.00	0.40	0.43	0.83	0.93
Prom.	5.66	8.53	14.19	0.66	8.40	9.54	17.94	0.86	0.59	0.80	1.43	0.78	0.86	0.97	1.83	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
123	73	89	89	98	62	66	48	50	88.6	201	14	187	0
73	-	-	-	-	-	75	62	101		174	-10	184	1*
-	-	-	56	71	80	64	58	52		197	-65	262	1*
61	±∞	±∞	9	22	22	42	34	18		∞	-∞	-	3*
-	-	-	5	20	12	14	26	26		71	-25	96	2*
±∞	±∞	-	-	-	30	32	34	22		∞	-∞	-	3*
-	-	-	-	-	-	-	-	-		62	-	-	2*
39	42	52	62	58	69	71	75	73		121	-37	158	3*
73	80	82	121	105	71	64	64	40	57.3	∞	0	-	0
77	73	105	-	-	-	-	-	-		137	-44	181	2*
-	-	-	-	-	-	45	94	15		74	-	-	2*
14	15	24	37	32	33	56	36	23		86	-12	98	1*
30	35	32	42	38	26	22	24	22		176	-23	199	2
-	20	14	30	26	28	26	26	26		∞	-163	-	3*
58	62	53	63	56	56	58	52	54	53.3	112	- 7	119	1
66	60	66	62	66	50	50	38	44	65.1	117	32	85	0
91	78	71	112	130	112	66	66	71	72.8	181	22	159	0
67	123	101	96	78	52	44	44	40	65.0	242	-44	286	1
76	75	75	66	56	54	50	44	38	63.6	103	30	73	0
49	60	42	34	40	-	-	-	-		94	4	90	0*
80	62	50	-	-	-	50	50	- 7		121	-69	190	1*
78	71	42	38	42	24	14	30	30		190	-93	283	2
104	135	130	114	101	80	66	64	64	59.3	215	- 7	222	1
25	44	26	26	26	26	69	71	46		153	-23	176	2*
31	14	22	44	32	44	26	85	58		190	-35	225	2
-	-	28	18	44	34	7	7	42		224	-130	354	1*
62	89	71	46	54	98	-	-	-		215	-44	259	2*
96	85	42	64	36	-	-	-	-		149	-39	188	2*
27	42	18	52	60	73	34	48	64		119	-18	137	2*
32	38	42	75	94	82	73	66	66	44.8	126	-61	187	1
18	26	16	14	12	14	48	56	32	35.6	114	-14	128	1
70.8	75.0	72.5	81.2	79.6	63.3	58.5	54.2	49.9	60.5				

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^-
187	167	117	4.06	5.89	492	341	833	1.44	1.20	1.08
75	66	75	4.00	4.95	964	1039	2003	0.93	-	1.51
69	78	-	2.34	-	551	398	949	1.38	-	0.46
14	7	56	0.47	4.26	624	1161	1785	0.54	1.16	1.42
-	-	-	-	-	1014	658	1672	1.54	-	0.79
26	24	±∞	1.40	-	796	-	796	-	1.16	-
-	-	-	-	-	920	796	1716	1.16	0.42	-
-	26	36	1.00	1.86	1023	735	1758	1.39	-	-
32	40	78	2.11	6.73	920	853	1773	1.08	0.64	0.43
26	26	73	0.88	7.01	681	490	1171	1.39	0.79	2.01
-	-	-	-	-	490	849	1339	0.56	-	1.70
-	-	11	-	0.41	1020	855	1875	1.19	0.89	-
8	11	40	0.84	1.92	1408	968	2376	1.45	1.26	0.58
30	-	20	-	1.53	792	855	1647	0.93	0.92	1.60
71	73	62	-	4.05	1100	683	1783	1.61	0.70	1.34
101	89	66	3.03	3.43	1075	916	1991	1.17	0.50	1.92
101	101	89	2.79	3.29	1104	1079	2183	1.02	0.73	0.34
130	112	66	6.38	4.20	1079	855	1934	1.26	0.85	1.14
75	80	78	2.05	5.10	1350	1473	2823	0.92	0.30	0.86
75	75	42	2.40	3.43	1190	1044	2234	1.14	-	-
103	105	75	4.10	3.12	1100	1136	2236	0.97	1.07	0.32
46	73	75	3.72	4.60	853	1161	2014	0.73	0.87	1.18
42	60	110	-	6.16	1104	1247	2351	0.88	-	0.28
44	28	26	1.29	1.66	1136	920	2056	1.23	0.80	0.64
130	46	42	0.32	1.86	124	168	292	0.74	-	1.36
-	-	-	-	-	1136	1100	2236	1.03	0.81	1.07
71	85	54	3.97	2.27	431	624	1055	0.69	-	-
71	71	98	3.50	7.15	849	1100	1949	0.77	0.85	1.44
-	-	24	-	0.82	1714	-	1714	-	-	-
18	20	34	1.27	3.24	1136	1100	2236	1.03	-	0.72
18	18	14	0.65	0.39	610	792	1402	0.77	0.63	0.45
65	59	58	2.39	3.57	928	875	1747	1.02	0.83	1.03

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	64.8	65.0	64.9	64.8	64.9	65.3	66.3	66.2	66.2	66.2	66.1	65.4	64.9	64.4	64.2
2	65.0	64.9	64.8	64.7	64.5	64.5	64.8	64.6	64.0	63.9	63.3	63.0	62.6	61.9	61.7
3	62.3	62.3	62.4	62.3	62.3	62.9	63.6	64.3	64.4	64.3	63.8	63.5	63.1	62.5	62.4
4	62.2	61.9	61.6	61.5	61.4	61.4	61.5	61.6	61.3	60.8	60.4	59.6	58.9	58.8	58.1
5	58.4	57.9	57.5	57.5	57.5	57.8	58.1	58.2	58.6	58.6	57.9	57.4	57.1	57.0	57.0
6	57.1	57.1	56.8	56.6	56.9	56.6	56.4	56.4	56.2	56.0	56.4	56.3	56.9	56.4	56.2
7	55.9	55.8	55.9	56.0	55.9	56.2	56.4	56.8	56.7	56.6	56.6	56.2	55.7	55.2	54.5
8	51.4	54.0	54.3	54.3	55.3	56.5	56.0	55.9	56.9	57.0	57.2	57.7	57.8	57.8	58.0
9	62.2	62.2	62.1	62.1	62.2	62.4	62.9	63.1	63.1	63.1	63.1	62.8	62.5	62.2	62.0
10	61.5	61.5	61.0	60.5	60.5	60.7	60.9	60.9	60.8	60.7	60.4	59.9	59.5	58.7	58.6
11	59.1	58.8	58.7	58.7	58.9	59.4	59.8	60.3	60.6	60.6	60.7	60.2	59.6	59.3	59.2
12	60.1	60.0	60.1	60.1	60.2	60.8	61.3	61.8	61.9	62.0	61.9	61.7	61.2	61.1	61.1
13	61.6	61.4	61.2	60.7	60.5	60.3	60.2	60.2	60.1	59.7	59.0	58.4	57.7	56.5	55.8
14	51.2	50.9	50.7	50.1	49.1	49.1	49.2	49.1	48.2	47.2	46.7	47.5	47.0	46.6	46.8
15	49.6	50.2	49.9	50.2	49.5	50.1	50.8	51.3	51.4	51.8	51.5	51.3	50.8	50.8	50.8
16	55.4	55.6	55.6	55.7	55.7	56.0	56.6	57.2	57.1	57.6	57.7	57.7	57.7	57.4	57.9
17	63.1	62.9	62.6	62.6	62.6	63.3	63.8	64.6	65.0	65.2	64.8	64.4	63.7	63.3	63.3
18	62.4	62.0	61.6	61.3	61.0	60.9	60.9	61.1	60.7	60.5	60.0	59.1	58.3	57.3	56.9
19	59.5	59.3	59.3	59.5	59.8	60.2	60.7	61.5	61.9	62.2	62.0	61.8	61.4	61.4	61.4
20	64.0	64.2	64.4	64.5	64.7	65.2	65.8	66.4	66.6	67.0	67.0	66.9	66.6	66.5	66.6
21	69.8	69.9	69.8	69.8	69.8	70.3	70.7	71.1	71.6	71.6	71.6	71.1	70.7	69.9	69.7
22	71.1	71.0	71.0	70.8	70.6	70.2	70.1	70.6	70.8	70.7	70.3	69.5	68.5	67.6	67.2
23	66.6	66.4	65.9	65.5	65.4	65.2	65.2	65.2	65.5	65.5	65.3	64.8	64.0	63.2	62.6
24	61.8	61.5	61.1	61.2	61.1	61.1	61.7	61.9	61.8	61.9	61.8	61.3	61.1	60.6	60.7
25	61.6	61.5	61.1	60.8	60.6	60.6	60.8	60.7	60.6	60.6	59.7	59.6	59.0	58.6	57.4
26	56.6	57.0	56.8	56.9	56.9	56.8	57.3	57.4	57.8	57.7	57.6	57.3	56.8	56.7	56.8
27	60.4	60.6	61.0	61.0	61.3	61.6	62.1	62.5	63.0	63.1	62.9	62.3	61.9	61.7	61.6
28	62.0	61.9	61.9	61.8	62.0	62.2	62.8	62.8	62.9	62.9	62.2	61.8	61.4	60.7	60.6
29	61.0	60.7	60.4	60.5	60.3	60.5	60.7	60.8	60.7	60.7	60.7	60.2	59.4	58.8	58.6
30	59.7	59.9	60.1	60.3	60.2	60.8	61.0	61.4	61.6	61.8	61.6	61.3	61.0	60.5	60.5
31	60.9	60.8	60.8	60.7	60.7	60.9	61.4	61.7	62.0	62.4	62.3	61.8	61.5	60.8	60.7
Prom	60.6	60.6	60.5	60.4	60.4	60.6	61.0	61.2	61.3	61.3	61.0	60.7	60.3	59.8	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	6.4	6.2	6.1	6.3	6.5	6.0	5.7	8.4	11.5	14.9	16.2	16.6	16.5	17.6	17.0
2	10.7	10.7	10.1	8.7	9.9	10.7	10.8	13.0	14.9	15.8	15.8	16.3	17.0	17.0	16.9
3	10.7	12.1	12.4	12.4	12.3	12.1	11.1	11.8	16.2	18.0	18.3	19.0	19.6	19.4	19.7
4	11.7	13.0	13.5	13.8	14.1	14.3	14.4	15.6	16.2	17.0	17.3	18.3	19.6	19.6	20.5
5	17.0	17.0	17.0	17.0	17.1	17.1	17.2	17.4	17.6	18.1	19.1	20.2	21.3	21.4	21.3
6	19.1	19.1	19.2	19.3	19.3	19.4	19.4	19.6	19.6	19.7	19.8	19.7	19.7	19.4	19.2
7	19.1	18.5	18.5	18.7	18.6	18.7	18.8	19.3	19.5	21.5	23.0	23.2	24.4	26.0	26.0
8	22.1	16.3	15.8	15.4	15.1	15.1	14.6	14.6	14.8	15.3	16.5	17.8	18.6	19.4	19.8
9	9.8	9.7	9.4	8.6	8.0	7.7	7.8	11.0	14.1	16.6	18.6	19.4	20.2	20.4	20.5
10	10.2	9.4	9.5	9.6	8.2	8.4	8.4	11.3	14.1	16.9	18.2	19.1	20.1	20.0	20.6
11	15.4	15.7	15.9	16.4	16.6	16.8	16.8	17.0	18.3	19.3	20.4	21.1	22.5	22.8	22.4
12	19.8	19.6	19.5	19.5	19.4	19.4	19.0	19.2	19.6	21.7	23.0	24.1	25.2	25.6	24.6
13	17.7	17.4	17.5	17.5	17.3	17.4	17.3	18.4	19.9	21.3	23.7	24.2	25.0	25.1	25.0
14	18.7	18.5	18.5	17.9	17.9	18.1	18.2	18.8	20.0	21.7	23.1	20.2	19.2	18.4	18.3
15	13.3	11.9	10.8	9.3	8.3	8.3	8.5	10.8	13.3	14.6	16.1	17.3	18.4	19.0	18.7
16	7.3	6.9	6.8	6.8	6.6	6.5	6.1	6.8	7.7	9.7	10.7	11.3	12.1	12.0	11.5
17	10.0	10.0	9.9	9.1	7.9	6.8	6.0	6.0	8.7	10.0	12.2	13.1	13.5	13.9	13.7
18	3.9	4.0	4.1	4.1	4.0	3.9	4.0	6.6	9.5	11.6	14.5	15.6	16.9	17.3	17.5
19	8.2	7.9	7.3	5.9	5.6	5.6	5.4	6.6	8.3	9.8	10.9	12.1	12.1	12.4	11.7
20	4.7	3.8	3.9	3.6	3.7	3.5	3.0	3.9	6.1	7.9	9.2	10.2	11.2	11.4	11.6
21	3.4	2.7	2.0	2.0	1.2	0.7	0.7	1.6	4.4	7.1	9.0	10.1	10.6	11.0	11.2
22	0.5	0.3	0.2	0.4	0.5	0.9	1.2	3.2	6.9	9.6	11.2	12.1	12.9	13.5	13.2
23	5.2	4.6	4.0	3.6	3.2	2.7	2.9	4.7	8.5	11.4	13.5	15.1	15.5	15.3	14.4
24	7.0	7.3	7.3	7.3	6.3	5.8	5.9	8.0	10.8	13.6	15.2	16.3	17.1	16.5	16.1
25	4.0	3.0	2.7	4.2	4.1	4.1	4.8	5.4	5.8	7.0	8.2	9.9	10.2	10.6	11.2
26	5.1	6.0	5.7	6.9	6.6	7.5	8.5	9.5	10.7	14.4	17.3	19.2	19.8	19.9	19.2
27	8.9	8.6	7.3	6.1	5.1	4.5	4.5	4.6	6.4	8.4	11.8	14.6	16.6	18.7	18.5
28	3.5	1.6	1.9	1.4	0.5	1.0	0.8	2.0	9.4	13.2	15.9	17.0	18.0	18.5	18.5
29	6.9	6.6	6.3	6.1	6.1	6.2	6.0	6.3	6.6	7.7	10.2	10.8	14.3	16.6	16.3
30	10.2	9.7	9.0	8.3	7.6	7.8	7.7	9.0	11.3	14.1	16.1	16.9	17.9	18.4	18.3
31	7.6	6.9	6.2	5.6	5.7	5.7	5.8	7.5	11.4	13.3	15.3	16.3	17.3	17.9	17.5
Prom	10.3	9.8	9.6	9.4	9.1	9.1	9.1	10.3	12.3	14.2	15.8	16.7	17.5	17.9	17.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
64.0	64.0	64.1	64.5	64.6	64.9	65.0	64.9	64.9	66.3	7	64.0	16-17	2.3	765.0 mm.	1020.0 mb.
61.7	61.3	61.5	61.4	61.9	62.1	62.5	62.4	62.7	65.0	1	61.3	17	3.7	63.2	1017.6
62.4	62.4	62.4	62.8	63.0	63.1	63.2	63.0	62.4	64.4	9	62.3	1-2,4-5	2.1	63.0	1017.3
58.0	58.1	58.0	58.3	58.6	58.5	58.5	58.6	58.4	62.2	1	58.0	16,18	4.2	59.8	1013.0
57.2	57.4	57.8	58.1	58.2	58.3	58.1	58.0	57.8	58.6	9-10	57.0	14-15	1.6	57.8	1010.4
56.2	53.8	54.1	54.8	55.0	55.4	55.7	55.9	56.0	57.1	1-2	53.8	17	3.3	56.0	1008.0
54.3	53.9	53.6	52.8	52.3	51.6	50.8	50.6	51.0	56.8	8	50.6	23	6.2	54.6	1006.1
58.4	59.0	59.2	59.9	60.4	60.9	61.2	61.7	62.0	62.0	24	51.4	1	10.6	57.6	1010.1
61.8	61.5	60.9	60.9	61.0	61.0	61.2	61.1	61.3	63.1	8-11	60.9	18-19	2.2	62.0	1016.0
58.6	58.0	57.9	58.6	58.6	58.6	58.6	58.9	59.2	61.5	1-2	57.9	18	3.6	59.7	1012.9
59.3	59.3	59.3	59.7	59.8	59.9	60.0	60.0	60.2	60.7	11	58.7	3-4	2.0	59.6	1012.8
61.1	61.0	61.0	61.1	61.2	61.3	61.6	61.6	61.7	62.0	10	60.0	2	2.0	61.1	1014.8
55.3	55.3	55.1	54.6	54.2	53.8	53.8	53.3	52.1	61.6	1	52.1	24	9.5	57.5	1010.0
46.9	47.1	46.9	47.6	48.0	48.7	49.5	49.6	49.2	51.2	1	46.6	14	4.6	48.4	997.8
51.1	51.5	52.0	52.6	53.1	53.6	53.9	54.1	55.0	55.0	24	49.5	5	5.5	51.5	1002.0
58.6	59.4	59.8	60.7	61.2	61.8	62.4	62.8	63.1	63.1	24	55.4	1	7.7	58.4	1011.2
63.3	63.2	63.1	63.2	63.2	63.2	63.2	62.9	62.6	65.2	10	62.6	3-5,24	2.6	63.5	1018.0
56.4	55.8	56.3	56.6	57.1	58.6	58.8	59.1	59.0	62.4	1	55.8	17	6.6	59.2	1012.1
61.7	62.1	62.5	62.8	62.9	63.3	63.7	63.7	63.9	63.9	24	59.3	2-3	5.6	61.6	1015.4
66.8	67.0	67.4	68.1	68.7	69.0	69.3	69.6	69.8	69.8	24	64.0	1	5.8	66.8	1022.4
69.7	69.7	69.9	70.1	70.6	70.9	71.0	71.1	71.1	71.6	9-11	69.7	15-17	1.9	70.5	1027.3
67.0	66.8	66.9	67.0	67.2	67.4	67.3	67.1	66.8	71.1	1	66.8	17,24	4.3	68.9	1025.2
62.3	62.1	62.5	62.1	61.8	62.0	62.1	62.0	61.8	66.6	1	61.8	20,24	4.8	64.0	1018.6
60.7	60.6	60.3	61.0	61.9	62.2	62.0	62.0	61.7	62.2	21	60.3	18	1.9	61.4	1015.2
57.1	56.7	56.8	56.8	56.7	56.7	56.7	56.8	56.8	61.6	1	56.7	17,20-22	4.9	58.9	1011.8
57.2	57.5	57.6	58.0	58.5	58.9	59.5	59.7	59.8	59.8	24	56.6	1	3.2	57.6	1010.1
61.5	61.5	61.5	61.8	62.0	62.0	62.2	62.1	62.1	63.1	10	60.4	1	2.7	61.8	1015.7
60.8	61.1	61.1	61.1	61.2	61.1	61.2	61.2	61.2	62.9	9-10	60.6	15	2.3	61.7	1015.6
58.5	58.7	58.9	59.1	59.2	59.2	59.4	59.5	59.6	61.0	1	58.5	16	2.5	59.8	1013.0
60.5	60.7	60.7	60.8	60.9	60.8	60.8	61.1	61.0	61.8	10	59.7	1	2.1	60.8	1014.4
61.1	61.5	61.5	61.8	61.6	61.8	62.3	62.4	62.2	62.4	10,23	60.7	4-5,15	1.7	61.5	1015.3
59.7	59.6	59.7	60.0	60.2	60.3	60.5	60.5	60.5	62.5		58.5		4.0	60.4	1013.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
16.5	14.8	13.2	11.6	10.8	9.6	8.4	9.7	10.3	17.6	14	5.7	7	11.9	11.1
16.5	15.8	14.5	13.4	12.2	11.5	10.5	10.4	10.0	17.0	13-14	8.7	4	8.3	13.0
19.3	18.0	16.0	14.7	14.4	13.8	13.5	12.2	11.2	19.7	15	10.7	1	9.0	14.9
19.7	18.9	17.8	17.2	17.0	16.8	16.8	16.9	16.9	20.5	15	11.7	1	8.8	16.5
21.2	20.6	20.1	19.7	19.2	19.0	19.0	19.0	19.1	21.4	14	17.0	1-4	4.4	18.9
19.2	19.1	19.1	19.2	19.2	19.3	19.4	19.5	19.5	19.8	11	19.1	1-2,17-18	0.7	19.4
25.6	23.7	23.3	22.5	22.4	22.6	22.6	22.7	22.5	26.0	14-15	18.5	2-3	7.5	21.7
19.4	17.6	16.0	13.8	12.4	11.9	10.8	10.9	10.5	22.1	1	10.5	24	11.6	15.6
20.3	17.9	14.8	12.9	11.7	11.3	11.5	10.9	10.3	20.5	15	7.7	6	12.8	13.5
20.0	17.7	16.2	15.6	14.6	14.2	14.2	14.2	14.4	20.6	15	8.2	5	12.4	14.4
21.7	20.6	20.0	19.4	18.6	18.4	18.6	19.3	19.6	22.8	14	15.4	1	7.4	18.9
22.7	21.5	19.5	18.2	17.4	17.5	17.7	17.6	17.6	25.6	14	17.4	20	8.2	20.4
23.5	22.5	20.0	19.3	18.8	19.2	19.0	18.7	18.7	25.1	14	17.3	5,7	7.8	20.2
18.3	17.8	17.3	16.3	15.5	15.1	14.6	14.1	13.8	23.1	11	13.8	24	9.3	17.9
17.5	15.3	13.6	12.2	11.5	10.7	9.4	8.6	7.7	19.0	14	7.7	24	11.3	12.7
11.0	10.6	10.5	10.3	9.8	9.8	9.8	9.8	10.0	12.1	13	6.1	7	6.0	9.2
13.4	11.2	8.9	7.0	5.6	4.5	4.3	3.9	3.9	13.9	14	3.9	23-24	10.0	8.9
17.1	14.8	13.3	13.4	12.5	12.9	10.9	9.9	8.4	17.5	15	3.9	1,6	13.6	10.4
11.1	10.0	8.4	7.9	7.4	6.9	6.4	5.5	5.3	12.4	14	5.3	24	7.1	8.3
10.5	9.9	8.8	8.1	7.7	6.4	5.4	4.9	4.4	11.6	15	3.0	7	8.6	6.8
11.2	8.9	6.0	3.8	2.0	1.6	1.2	0.7	0.5	11.2	15-16	0.5	24	10.7	4.7
12.7	10.0	8.0	6.9	6.1	5.8	5.2	5.2	5.2	13.5	14	0.2	3	13.3	6.3
13.1	11.7	11.0	10.2	10.2	10.2	10.3	10.2	8.6	15.5	13	2.7	6	12.8	9.2
15.5	13.8	12.8	12.4	11.4	10.2	8.4	6.6	4.8	17.1	13	4.8	24	12.3	10.7
11.5	10.4	9.1	7.5	5.8	4.6	4.4	4.3	4.4	11.5	16	2.7	3	8.8	6.6
18.5	16.7	14.3	12.8	11.7	11.3	11.1	11.0	8.8	19.9	14	5.1	1	14.8	12.2
17.8	14.4	11.6	9.4	7.0	6.5	5.2	4.0	3.9	18.7	14	3.9	24	14.8	9.4
17.8	16.0	11.7	11.0	9.3	8.5	7.5	6.0	6.9	18.5	14-15	0.5	5	18.0	9.1
15.3	13.3	12.1	11.6	10.8	11.0	11.1	10.8	10.4	16.6	14	6.0	7	10.6	10.0
17.7	15.1	12.0	10.4	9.4	8.6	8.1	7.8	7.7	18.4	14	7.6	5	10.8	11.6
17.2	14.9	13.5	12.4	12.3	12.3	11.9	9.7	9.5	17.9	14	5.6	4	12.3	11.4
17.2	15.6	14.0	12.9	12.1	11.7	11.2	10.8	10.5	18.3		8.1		10.2	12.7

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	6.6	6.4	6.4	6.4	6.6	6.4	6.6	7.3	8.0	8.5	7.8	8.0	8.5	9.0	9.0
2	7.8	7.8	8.0	7.8	8.0	8.0	8.0	8.8	9.0	8.0	8.0	8.5	9.0	9.0	9.0
3	9.0	10.0	10.0	9.5	9.5	9.5	8.5	9.8	12.0	11.0	11.0	11.5	11.5	11.5	11.5
4	10.0	10.5	11.0	10.5	11.0	11.0	11.0	12.3	12.5	12.5	12.5	12.0	12.5	12.8	12.0
5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.3	14.5	14.0	15.0	15.0	14.5	16.0	16.0
6	16.0	16.0	15.0	16.0	16.0	16.0	15.5	15.7	15.5	14.5	15.0	14.5	15.5	16.1	16.0
7	15.0	15.5	15.5	15.5	15.5	15.5	15.5	16.2	15.5	15.5	16.0	16.0	16.5	17.2	15.5
8	15.0	13.0	12.0	12.0	11.5	12.0	11.0	11.8	11.5	12.0	12.0	11.5	10.5	10.0	9.5
9	7.8	7.8	7.6	7.6	7.8	7.2	7.2	8.3	9.0	8.5	8.0	8.5	7.4	8.3	8.5
10	9.0	8.0	8.0	8.0	7.4	7.6	7.6	8.7	8.5	10.0	10.5	11.0	10.5	9.9	10.0
11	12.5	12.5	13.0	13.5	13.5	13.5	13.5	14.1	14.5	15.0	15.5	16.0	15.5	17.0	17.5
12	15.5	15.5	15.5	14.5	14.5	14.5	14.0	15.0	14.0	14.0	14.0	12.5	13.5	14.0	15.5
13	14.5	14.0	14.5	14.5	14.0	14.0	14.0	14.2	14.0	13.5	13.5	14.0	13.5	13.7	14.5
14	13.0	13.0	12.0	12.5	12.5	12.0	12.0	12.9	12.5	13.0	13.0	14.5	15.0	14.8	14.5
15	9.5	8.5	8.0	8.0	7.4	7.4	7.6	8.0	7.6	8.0	8.5	8.5	8.0	8.3	8.0
16	6.2	6.0	6.0	6.4	6.2	6.2	6.0	6.1	6.0	6.4	6.4	6.6	6.6	6.4	6.8
17	7.4	7.4	7.0	7.0	6.8	6.4	6.0	5.9	6.0	5.6	5.4	5.2	5.4	5.6	5.4
18	5.8	5.8	5.8	5.6	5.6	5.6	5.6	6.2	6.4	6.2	7.0	6.8	7.4	7.2	7.0
19	6.6	6.4	6.6	6.0	5.8	5.8	5.8	5.4	5.8	5.6	5.6	6.0	5.4	5.8	5.8
20	5.8	5.4	5.6	5.4	5.4	5.4	5.2	5.4	5.4	5.2	5.4	5.2	5.6	5.5	5.2
21	5.4	5.0	5.0	5.0	4.8	4.6	4.6	4.4	5.0	5.4	5.2	5.2	5.0	5.3	5.2
22	4.6	4.4	4.4	4.4	4.6	4.4	4.6	5.8	5.6	6.0	5.6	6.0	6.4	6.5	6.4
23	5.4	5.2	5.2	5.0	5.0	4.8	4.8	5.4	6.0	6.8	6.0	6.0	6.2	5.9	5.8
24	6.4	6.6	7.0	6.6	6.2	6.0	6.0	6.9	7.4	7.8	8.0	7.8	7.6	8.4	8.5
25	5.8	5.4	5.4	6.0	6.0	6.0	6.2	6.7	6.6	7.2	7.8	8.5	8.5	8.6	8.0
26	6.4	6.8	6.6	7.2	7.2	7.4	8.0	8.4	8.5	10.5	10.5	10.0	10.5	10.7	11.0
27	8.0	8.0	7.4	6.4	6.0	5.8	6.0	6.3	7.0	7.2	7.4	7.6	8.5	8.9	9.0
28	5.6	5.0	5.0	4.8	4.6	4.8	4.6	5.1	8.5	9.0	8.0	8.0	8.0	8.7	8.0
29	7.2	7.0	6.8	6.8	6.8	6.8	6.8	7.2	7.0	7.6	9.0	9.0	9.0	10.0	9.0
30	7.6	7.8	7.8	7.4	7.4	7.6	7.2	8.1	8.5	9.0	9.5	9.5	9.5	9.2	9.0
31	7.4	7.2	6.8	6.6	6.6	6.6	6.6	7.5	8.5	8.5	9.0	10.0	9.5	10.5	10.0
Prom.	8.9	8.8	8.7	8.6	8.5	8.5	8.4	9.0	9.2	9.4	9.6	9.7	9.7	10.0	9.9

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.5	8.5	8.5	8.0	8.2	7.8	7.6	7.8	7.6	9.0	14-15	6.4	2-4,6	2.6	7.7
9.0	9.5	10.0	10.0	9.6	9.0	8.5	9.0	8.5	10.0	18-19	7.8	1-2,4	2.2	8.7
11.0	11.5	11.0	10.5	11.1	11.0	10.5	9.5	9.5	12.0	9	8.5	7	3.5	10.5
12.0	12.5	13.0	13.5	13.4	13.5	13.5	13.5	13.5	13.5	19,21-24	10.0	1	3.5	12.2
16.0	15.5	16.0	15.5	15.0	15.0	15.5	15.5	16.0	16.0	14-16,18,24	14.0	1-7,10	2.0	14.9
16.0	16.0	15.0	15.0	16.3	14.5	14.5	15.5	15.5	16.3	20	14.5	10,12,21-22	1.8	15.5
16.5	16.5	17.5	17.5	17.6	16.5	15.5	15.5	15.5	17.6	20	15.0	1	2.6	16.0
9.5	10.0	9.0	9.5	9.2	8.5	8.0	7.8	7.8	15.0	1	7.8	23-24	7.2	10.6
9.0	11.0	10.0	9.5	9.2	8.5	8.0	8.5	8.5	11.0	17	7.2	6-7	3.8	8.4
10.5	10.5	11.0	12.0	11.8	11.0	11.0	11.5	11.5	12.0	19	7.4	5	4.6	9.8
16.5	15.5	16.0	15.5	15.1	15.0	15.5	15.0	15.5	17.5	15	12.5	1-2	5.0	14.9
14.5	14.5	13.5	12.5	12.7	13.0	13.5	13.5	13.5	15.5	1-3,15	12.5	12,19	3.0	14.1
14.5	15.5	14.0	14.5	12.9	14.5	14.0	14.0	14.0	15.5	17	12.9	20	2.6	14.1
14.5	14.5	14.0	13.0	12.6	11.5	11.0	10.5	10.0	15.0	13	10.0	24	5.0	12.9
8.5	8.0	8.0	8.0	7.6	6.8	6.8	6.4	6.4	9.5	1	6.4	23-24	3.1	7.8
6.6	6.4	6.8	7.2	7.2	7.4	7.4	7.4	7.4	7.4	21-24	6.0	1-3,7,9	1.4	6.6
6.0	7.2	6.6	6.0	5.9	5.8	5.6	5.8	5.8	7.4	1-2	5.2	12	2.2	6.1
7.6	7.8	8.0	8.0	7.8	7.4	7.0	7.0	6.8	8.0	18-19	5.6	4-7	2.4	6.7
6.0	6.2	5.8	6.0	6.2	6.0	5.8	5.8	5.8	6.6	1,3	5.4	8,13	1.2	5.9
5.4	5.6	5.6	6.2	6.2	5.8	5.8	6.0	5.8	6.2	19-20	5.2	7,10,12,15	1.0	5.6
5.6	5.2	5.6	5.4	5.1	5.0	4.8	4.6	4.6	5.6	16,18	4.4	8	1.2	5.0
6.2	6.2	6.2	6.0	6.0	5.6	5.4	5.4	5.4	6.5	14	4.4	2-4,6	2.1	5.5
6.4	6.4	7.0	7.2	7.2	7.2	6.6	7.2	6.8	7.2	19-21,23	4.8	6-7	2.4	6.1
8.5	9.0	9.0	8.5	8.3	7.6	7.6	6.6	6.2	9.0	17-18	6.0	6-7	3.0	7.4
8.0	8.0	7.8	7.0	6.7	5.8	6.0	6.0	6.0	8.6	14	5.4	2-3	3.2	6.8
11.5	11.5	11.0	10.0	9.9	9.5	9.5	9.5	7.8	11.5	16-17	6.4	1	5.1	9.2
10.0	10.0	9.0	8.5	7.1	7.0	6.4	5.8	5.8	10.0	16-17	5.8	6,23-24	4.2	7.5
8.5	9.0	8.5	8.5	8.2	7.6	6.6	6.8	7.0	9.0	10,17	4.6	5,7	4.4	7.0
9.0	9.0	9.0	8.5	8.7	9.0	8.0	7.8	7.8	10.0	14	6.8	3-7	3.2	8.0
9.0	9.0	9.0	8.0	8.7	8.0	7.8	7.6	7.6	9.5	11-13	7.2	7	2.3	8.3
10.5	10.0	10.0	9.0	9.7	9.0	9.5	8.0	8.5	10.5	14,16	6.6	4-7	3.9	8.6
10.0	10.2	10.0	9.8	9.7	9.3	9.1	9.1	9.0	10.9		7.8		3.1	9.3

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
E	11	E	9	SE	6	SE	3	SE	4	SE	4	SE	4	E	8	E	10	SE	9	7	13	E	12.44 13.56 16.04
E	10	E	7	SE	3	SE	4	SE	4	SE	3	S	3	S	3	S	4	E	14	8	21	E	12.42
E	9	E	7	SE	5	SE	6	E	4	SE	5	SE	4	SE	2	SE	3	SE	13	6	17	E	12.29
NE	16	NE	11	NE	8	NE	4	E	4	SE	2	SE	4	E	6	E	5	E	13	10	19	NE	15.18
S	3	S	3	S	2	SE	4	E	5	E	6	E	8	SE	6	E	8	E	10	7	15	NE	9.35 11.38
E	2	E	14	E	20	E	15	E	7	E	6	NE	14	E	10	NE	8	E	18	11	24	E	16.45
E	14	E	13	E	16	E	19	E	22	NE	23	NE	28	NE	34	NE	28	E	15	14	40	NE	22.43
W	10	W	8	W	6	W	4	NW	7	W	6	W	6	W	8	W	6	W	9	12	56	W	1.22
NW	5	NE	3	NE	4	NE	2	NE	5	NE	9	NE	14	NE	14	NE	11	NW	11	7	13	NW	12.51
N	10	NE	7	NE	10	NE	12	N	15	N	11	N	15	N	12	N	11	N	20	11	22	N	10.16
NE	8	E	9	NE	6	E	6	E	8	NE	6	NE	9	NE	8	NE	9	NE	12	8	13	N	2.22
NE	11	NE	7	E	5	E	5	E	6	E	7	E	6	E	6	E	6	N	9	7	9	N NE	12.46 15.06
NE	15	E	7	NE	8	NE	8	NE	12	NE	14	NE	18	NE	17	NE	16	NE	14	11	19	NE	20.56 23.59
S	2	SW	3	SW	7	SW	8	SW	6	W	8	W	12	W	10	W	10	NE	11	15	41	N	10.46
W	18	W	16	W	10	W	11	W	12	W	12	W	13	W	14	W	11	W	13	14	40	NW	13.39
SW	13	SW	11	SW	8	SW	6	SW	8	W	10	W	5	W	8	W	7	SW W	12	11	23	SW	9.23
W	9	NW	7	NW	5	NW	6	NW	8	N	5	N	4	N	6	N	10	NW	10	8	17	W	2.12
N	20	N	18	N	18	N	18	N	20	NW	18	SW	12	SW	9	W	8	N	20	16	27	N	13.57
W	14	W	10	W	9	W	9	W	8	SW	9	SW	9	SW	11	SW	10	W	15	12	33	W	13.12
SW	13	SW	12	SW	8	SW	8	SW	7	SW	9	SW	7	SW	6	SW	8	SW	21	11	28	SW	11.44
S	3	SW	2	Calma	1	W	2	W	2	W	2	Calma	1	Calma	1	W	3	SW	14	4	8	SW S	11.13 12.12
N	20	N	13	NE	10	NE	8	NE	10	NE	10	NE	13	NE	15	NE	14	N	15	12	23	N	10.52 13.40
s/R	-	s/R	-	s/R	-	s/R	-	NE	13	NE	14	NE	13	NE	15	NE	8	NE	14	17	30	N	11.34
W	2	W	1	NE	7	NE	8	SW	8	SW	5	SW	3	SW	2	Calma	0	NE	8	8	16	NW	12.38 13.20
E	7	E	7	E	7	NE	4	E	3	E	3	E	5	E	3	E	3	E	10	4	8	E	14.25
SW	4	SW	2	Calma	0	SE	3	Calma	1	Calma	1	SW	3	SW	5	Calma	1	NE	6	4	10	NW	12.30
NE	3	NE	3	NE	4	NE	2	NE	3	NE	4	Calma	1	NE	3	N	6	NE	8	4	9	SW	1.16
N	9	W	4	NW	5	NW	6	NW	5	NW	4	NW	6	W	2	SW	5	NW	11	5	8	N	11.56
N	12	N	8	N	8	N	7	N	9	N	10	N	15	N	13	N	14	N	17	8	16	N	12.47 13.56
NW	10	N	7	NE	3	N	7	N	6	N	8	N	7	N	6	N	7	N	16	10	25	NW	11.35
N	12	N	7	N	6	N	9	N	10	N	9	NW	5	N	3	N	6	N	23	10	17	N	12.11 14.04
N-E		E		NE		NE		E		NE		NE		NE		N-NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas				
6		8		9		8		8		7		7		7		7					36 Km.		
																					DIRECCIÓN	DÍA	HORA
	10		8		7		7		8		8		9		9		8	N	160	9	NE	7 14	de 22.15 a 22.30 de 10.15 a 10.30

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					6	59	9	51	8	24							1	135
2					14	154	7	25	3	10								189
3					9	69	13	66	1	2							1	138
4			9	104	13	129	2	6										239
5			8	79	10	72	2	10	3	8							1	170
6			2	22	18	209	2	14							2	17		262
7			9	133	15	213												346
8			2	31	1	13	2	36	3	37	2	44	9	69	5	66		296
9			8	62									5	31	11	79		172
10	20	221	3	29											1	6		256
11	7	78	12	87	5	31												196
12	9	67	6	49	7	41			1	4							1	162
13			14	184	10	86												270
14			11	265					2	6	6	36	5	56				363
15	4	51											13	178	7	120		349
16											12	140	12	121				261
17	4	25									2	15	8	62	10	80		182
18	20	335									2	21	1	8	1	18		382
19											4	39	15	205	5	52		296
20											21	240	3	26				266
21	1	3							3	13	14	77	3	6			3	102
22	15	194	9	89														283
23	5	121	14	196														317
24	4	33	8	70							5	23	1	2	4	54	2	183
25			4	23	10	48	1	3	5	16	3	11	1	2				103
26	4	34	6	26	2	6	1	3			4	14	1	6	2	15	4	107
27	1	6	8	26			4	13	3	13	6	26					2	86
28	10	57									1	5	2	6	11	47		115
29	17	186									1	3	1	2	2	5	3	198
30	16	125	1	3											7	118		246
31	23	235													1	5		240
SUMAS	160	1771	134	1478	120	1130	43	227	32	133	83	694	80	780	69	682	18	6910
% PREVAL POR VELOCIDAD	25.6		21.4		16.4		3.3		1.9		10.0		11.3		9.9		0.2	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		11		9		5		4		8		10		10		1	224

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	6	6	5	3	1	3	6	1	
1 - 2	5	5	5	3	1	3	7	2	
2 - 3	7	6	4	3	1	4	3	2	1
3 - 4	8	6	3	3	2	3	3	3	
4 - 5	8	7	4		4	3	1	3	1
5 - 6	8	7	5		3	3	3		2
6 - 7	7	6	6	1	2	1	3	3	2
7 - 8	9	3	6	2	4	2	2	3	
8 - 9	8	4	6	1	2	4	1	4	1
9 - 10	9	5	5	2		4	2	4	
10 - 11	8	4	5	2	1	3	1	7	
11 - 12	10	3	4	2		4	2	6	
12 - 13	8	4	5	1		5	1	7	
13 - 14	8	4	5		1	4	3	6	
14 - 15	7	4	5		2	3	4	4	1
15 - 16	6	5	6		3	3	5	2	
16 - 17	5	5	8		1	5	4	1	1
17 - 18	3	9	4	3	1	3	3	2	2
18 - 19	4	8	4	5		3	4	2	
19 - 20	5	5	8	2		4	3	3	1
20 - 21	5	7	4	4		3	5	2	1
21 - 22	4	7	3	3	1	5	4	2	2
22 - 23	5	7	5	2	1	5	5		1
23 - 24	7	7	5	1	1	3	5		2
SUMAS	160	134	120	43	32	83	80	69	18
% de frec. por dirección	21.7	18.1	16.2	5.8	4.3	11.2	10.8	9.4	2.5

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	26.1	12.1	1.14	9	4	5	
	10	39.2	18.7	1.67	9	4	5	
1	12	33.5	19.2	1.16	10	1	4	
	14	43.8	21.8	1.79	7	2	5	
	15	35.9	19.0	1.37	9	3	4	
	9	24.6	16.0	0.70	9	0	4	
	10	30.3	17.8	1.01	9	0	4	
2	12	39.5	20.5	1.54	7	5	4	
	14	32.9	19.0	1.13	7	2	5	
	15	23.3	16.8	0.53	9	0	5	
	9	35.5	19.5	1.30	1	4	3	Ne.
	10	41.1	21.1	-1.63	3	3	3	B.
3	12	45.0	23.2	1.77	3	3	5	
	14	42.5	22.9	1.59	2	3	5	
	15	39.5	22.0	1.42	1	4	5	
	9	22.4	17.0	0.44	10	0	5	
	10	25.1	18.1	0.57	10	0	5	
4	12	27.5	20.0	0.61	10	0	5	
	14	25.4	19.8	0.46	9	0	5	
	15	25.5	19.5	0.49	9	0	5	
	9	21.7	18.0	0.30	10	0	4	
	10	23.5	18.5	0.41	10	0	5	
5	12				10	0	5	
	14	25.4	21.2	0.34	10	0	5	
	15	24.7	21.2	0.28	10	0	5	
	9	22.5	19.4	0.25	10	0	3	
	10	24.0	19.9	0.33	10	0	4	
6	12	21.1	19.0	0.17	10	0	4	
	14				10	0	4	LL.
	15				10	0	4	LL.
	9	27.0	20.4	0.54	9	0	4	
	10	30.0	20.3	0.79	6	0	4	
7	12	33.3	24.7	0.70	7	3	5	
	14	47.0	30.0	1.38	1	5	5	
	15	41.5	22.5	1.54	6	5	5	
	9				10	0	4	
	10	19.0	15.0	0.32	10	0	5	
8	12	40.0	22.0	1.46	6	4	5	
	14	41.9	22.5	1.58	1	5	5	
	15	39.0	21.8	1.40	1	5	5	
	9	37.7	18.1	1.59	3	5	5	
	10	41.1	20.5	1.67	5	5	5	
9	12	43.8	23.0	1.69	7	5	5	
	14	41.8	23.0	1.53	7	4	5	
	15	39.5	22.0	1.42	3	5	5	
	9	36.5	17.2	1.57	2	5	5	
	10	41.0	20.5	1.67	3	5	5	
10	12	39.2	19.4	1.61	10	2	5	
	14	30.7	22.0	0.71	10	2	5	
	15	36.0	21.5	1.18	5	5	5	
	9	22.4	18.5	0.32	9	0	5	
	10	28.4	20.4	0.65	10	0	5	
11	12	27.3	20.3	0.57	10	0	5	
	14	31.2	23.6	0.62	10	0	5	
	15	25.5	21.7	0.31	9	0	5	
	9	27.2	21.0	0.50	9	0	5	
	10	33.3	22.1	0.83	8	0	5	
12	12	45.5	27.5	1.46	6	4	5	
	14	45.5	28.5	1.38	4	5	5	
	15	42.5	27.0	1.26	5	4	5	
	9	39.7	23.0	1.36	6	4	5	
	10	39.7	23.7	1.30	8	4	5	
13	12	39.0	26.0	1.06	8	2	5	
	14	39.2	27.5	0.95	0	5	5	
	15	43.5	27.5	1.30	2	5	5	
	9	33.5	22.0	0.93	3	5	5	
	10	32.0	22.4	0.78	5	5	5	
14	12				10	0	5	G.,LL.
	14				10	0	5	LL.
	15				10	0	5	LL.
	9	35.7	16.7	1.54	0	5	5	
	10	38.7	18.5	1.64	0	5	5	
15	12	41.1	21.5	1.59	0	5	5	
	14	41.1	21.5	1.59	0	5	5	
	15	38.5	20.3	1.48	0	5	5	
	9	31.5	12.0	1.58	1	5	5	
	10	34.0	14.1	1.62	6	3	5	
16	12	32.0	14.7	1.41	6	3	5	
	14	18.2	12.0	0.50	9	0	5	
	15	16.8	11.5	0.43	9	0	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	31.8	11.8	1.63	0	5	5	
	10	35.2	13.7	1.75	0	5	5	
17	12	37.9	16.5	1.74	0	5	5	
	14	36.7	16.7	1.63	0	5	5	
	15	33.8	15.3	1.50	0	5	5	
	9	32.3	13.2	1.55	0	5	5	
	10	36.6	16.0	1.67	0	5	5	
18	12	39.8	20.0	1.61	0	5	5	
	14	36.9	17.8	1.55	0	5	5	
	15	36.7	19.7	1.38	0	5	5	
	9	32.0	12.0	1.63	0	5	5	
	10	35.0	14.2	1.69	0	5	5	
19	12	36.8	16.7	1.63	1	5	5	
	14	33.5	15.5	1.46	5	4	5	
	15	32.4	13.5	1.54	3	4	5	
	9	30.3	10.5	1.61	0	5	5	
	10	33.4	12.3	1.72	0	5	5	
20	12	36.4	15.5	1.70	3	5	5	
	14	30.0	13.0	1.38	6	5	5	
	15	36.7	16.4	1.65	4	5	5	
	9	27.7	8.3	1.58	0	5	5	
	10	32.8	12.0	1.69	0	5	5	
21	12	32.0	13.8	1.48	6	0	5	
	14	36.0	14.8	1.72	0	5	5	
	15	31.3	13.4	1.46	0	5	5	
	9	30.8	10.1	1.68	0	5	5	
	10	34.2	13.3	1.70	0	5	5	
22	12	36.5	16.5	1.63	0	5	5	
	14	36.9	16.5	1.66	0	5	5	
	15	33.6	15.5	1.47	0	5	5	
	9	31.4	11.6	1.61	0	5	5	
	10	35.5	14.5	1.71	0	5	5	
23	12	37.5	17.6	1.62	0	5	5	
	14	34.3	17.3	1.38	3	4	5	
	15	21.1	13.1	0.65	9	0	5	
	9	32.3	13.9	1.50	7	4	5	
	10	38.0	17.6	1.66	5	5	5	
24	12	40.0	20.5	1.58	4	5	5	
	14	25.3	17.1	0.67	9	0	5	
	15	20.1	15.2	0.40	10	0	5	
	9	12.7	7.5	0.42	10	0	0	N.
	10	15.0	9.0	0.49	10	0	0	N.
25	12	17.0	12.0	0.41	10	0	2	N.
	14	13.8	11.1	0.22	10	0	2	N.
	15	19.7	12.4	0.59	9	2	2	
	9	14.0	11.0	0.24	10	0	3	
	10	32.0	17.5	1.18	3	5	5	
26	12	42.0	23.5	1.50	8	5	5	
	14	38.0	22.8	1.24	9	4	5	
	15	21.5	13.0	0.69	10	0	5	
	9	15.7	9.0	0.54	9	0	3	
	10	20.0	12.5	0.61	6	4	5	
27	12	32.0	27.6	0.36	6	4	5	
	14	38.1	21.0	1.39	4	5	4	
	15	36.3	20.5	1.28	3	5	4	
	9	32.0	15.0	1.38	0	5	5	
	10	36.6	17.5	1.55	0	5	5	
28	12	38.2	22.2	1.30	0	5	5	
	14	40.0	22.0	1.46	0	5	5	
	15	37.4	21.2	1.32	0	5	5	
	9	15.1	11.0	0.33	10	0	0	N.
	10	15.0	10.8	0.34	10	0	0	N.
29	12	37.0	17.5	1.58	0	5	3	
	14	38.8	21.4	1.41	10	4	4	
	15	33.1	20.0	1.06	10	4	4	
	9	32.5	15.0	1.42	1	5	4	
	10	37.2	18.1	1.55	1	5	4	
30	12	40.8	21.0	1.61	1	5	5	
	14	40.5	21.7	1.53	0	5	5	
	15	36.1	20.6	1.26	0	5	5	
	9	33.6	15.7	1.46	3	5	5	
	10	30.5	16.7	1.12	6	4	5	
31	12	37.5	21.2	1.32	6	4	5	
	14	32.2	20.4	0.96	9	2	5	
	15	26.3	18.9	0.60	9	2	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1			0.1	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9			8.9	10.7	83
2			0.5	0.6	0.1	0.2	0.2	1.0	0.9	0.4		0.3			4.2	10.6	40
3				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			8.6	10.6	81
4			0.1		0.1			0.5	0.1	0.9					1.7	10.6	16
5															0.0	10.6	00
6			0.1	0.2	0.7	0.9	1.0	0.9	1.0	1.0	1.0	0.1			6.9	10.5	66
7															0.0	10.5	00
8							0.4	1.0	1.0	1.0	1.0	0.8			5.2	10.5	50
9			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			9.2	10.4	88
10			0.5	1.0	1.0	1.0	0.9	0.5	1.0	1.0	1.0	0.5			8.4	10.4	81
11				0.5		0.1		0.5							1.1	10.4	11
12					0.5	0.5	1.0	1.0	1.0	1.0	1.0	0.5			6.5	10.4	62
13			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5			8.9	10.3	86
14				0.8	0.8	0.9	0.2								2.7	10.3	26
15			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.3	10.3	90
16			0.6	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.5	0.3			7.8	10.3	76
17			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.2	10.3	89
18			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3			8.9	10.2	87
19			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3			8.5	10.2	83
20			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4			8.6	10.2	84
21			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	10.2	85
22			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	10.2	85
23			0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.2					6.7	10.1	66
24			0.5	1.0	1.0	1.0	1.0	1.0	0.5						6.0	10.1	59
25											0.6				0.6	10.1	06
26				0.1	0.2	1.0	1.0	1.0	1.0	0.4	0.2				4.9	10.1	48
27						0.6	1.0	1.0	1.0	1.0	1.0	0.3			5.9	10.1	58
28			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.7	10.0	87
29							0.2	1.0	1.0	1.0	0.1				3.3	10.0	33
30				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.4	10.0	84
31			0.2	0.9	1.0	1.0	0.5	1.0	0.7	0.4	0.6				6.3	10.0	63
Medias			0.2	0.6	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.3			6.1	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	11.4	17.3	15.2	12.2	15.7	15.3	13.7	14.4	15.0	15.5	15.2	15.6	18.3	18.1	17.9
2	13.4	17.4	15.6	13.1	15.6	15.4	13.6	14.2	14.8	15.2	15.0	15.4	17.8	17.6	17.6
3	13.2	19.3	17.2	13.4	16.9	16.7	13.9	14.7	15.8	15.1	15.1	15.7	17.6	17.5	17.6
4	15.8	18.8	18.2	15.3	17.1	17.2	14.9	15.4	15.9	15.7	15.7	16.0	17.8	17.8	17.9
5	18.0	20.4	19.8	17.1	18.5	18.6	16.0	16.4	17.0	16.3	16.5	17.0	18.1	18.2	18.2
6	19.4	19.6	19.6	18.2	18.6	18.4	17.0	17.2	17.2	17.2	17.2	17.4	18.6	18.7	18.8
7	18.9	22.7	21.6	18.0	20.3	20.4	17.0	17.7	18.6	17.3	17.5	18.0	18.9	19.0	19.1
8	17.2	19.6	17.0	16.3	18.0	17.4	17.1	16.9	17.2	17.9	17.5	17.6	19.4	19.4	19.2
9	13.5	18.9	16.2	13.7	17.0	16.6	15.0	15.6	16.2	16.5	16.2	16.6	18.9	18.6	18.5
10	13.2	18.3	16.9	13.3	16.4	16.4	14.4	14.0	15.6	15.9	15.6	16.0	18.2	18.2	18.0
11	17.0	20.8	17.0	16.3	18.4	17.3	15.4	16.0	15.6	16.0	16.2	16.0	18.0	18.1	18.1
12	19.2	22.5	20.0	18.1	19.9	19.4	17.0	17.5	18.2	17.0	17.3	17.8	18.6	18.7	18.9
13	18.2	22.1	20.0	17.7	20.1	19.5	17.2	17.8	18.4	17.7	17.7	18.1	19.2	19.2	19.2
14	18.3	19.9	18.5	17.7	18.7	18.4	17.3	17.3	17.2	17.8	17.6	17.5	18.4	19.2	19.2
15	13.9	18.0	15.5	14.7	16.7	15.9	15.7	15.8	16.0	16.9	16.5	16.6	19.0	18.8	18.6
16	11.4	15.5	13.8	12.4	14.5	13.9	13.9	14.0	14.0	15.6	15.0	15.2	18.2	17.9	17.6
17	11.4	15.7	12.8	12.1	14.2	13.5	13.2	13.4	13.8	14.6	14.4	14.7	17.4	17.2	17.0
18	9.8	15.2	13.9	10.5	13.3	13.6	12.0	12.4	13.4	13.8	13.8	14.0	16.8	16.6	16.4
19	10.3	14.6	12.4	10.9	13.1	12.6	12.1	12.3	12.8	13.6	13.3	13.6	16.4	16.1	16.0
20	9.1	13.7	12.3	9.7	12.3	12.2	11.1	11.4	12.0	12.8	12.5	12.8	15.8	15.5	15.4
21	8.3	13.5	10.9	9.1	11.9	11.4	10.6	11.0	11.7	12.3	12.1	12.4	15.2	15.2	15.0
22	7.4	13.8	10.8	8.2	11.2	11.0	9.8	10.2	11.0	11.7	11.4	11.8	14.9	14.6	14.5
23	7.9	13.2	11.8	8.4	11.2	11.4	9.7	10.1	11.0	11.4	11.2	11.2	14.4	14.2	14.2
24	9.3	15.2	13.8	9.5	12.8	13.0	10.2	10.9	12.0	11.5	11.4	12.1	14.2	14.2	14.2
25	9.8	12.4	11.2	10.1	11.6	11.1	10.8	10.8	11.1	12.0	11.8	11.9	14.4	14.4	14.3
26	10.1	16.2	14.2	10.0	13.5	13.6	10.3	11.2	12.4	11.5	11.6	12.4	14.2	14.2	14.3
27	10.6	15.8	12.6	10.8	13.9	12.8	11.6	12.0	12.2	12.2	12.3	12.4	14.6	14.6	14.5
28	8.7	15.5	13.0	9.3	12.9	12.9	10.5	11.1	12.1	11.9	11.9	12.2	14.5	14.5	14.3
29	11.1	14.6	12.8	10.9	12.6	12.6	11.1	11.3	12.0	12.1	12.0	12.3	14.4	14.4	14.4
30	10.1	15.6	12.8	10.3	13.3	12.8	11.0	11.4	12.2	12.0	11.9	12.4	14.5	14.4	14.3
31	10.0	15.5	13.8	10.2	13.3	13.1	10.9	11.3	12.1	12.0	11.9	12.2	14.4	14.3	14.3
Prom.	12.8	17.1	15.2	12.8	15.3	15.0	13.4	13.7	14.3	14.5	14.4	14.7	16.8	16.8	16.7

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					1	0.2	0.9	0.7	2.0							8458
2					1	0.4	1.0	0.6	1.7	I. 5	23.1	21.8	27.3			8442
3					1	0.1	0.7	0.6	1.4							8433
4					0	0.1	0.5	0.6	1.3							8423
5	1.0	2.0	0.9	0.9	2	0.1	0.4	0.3	0.8							8418
6					2	0.1	0.3	0.2	0.7							8418
7	12.5	12.6	12.6	-	2	0.2	0.6	0.9	2.7							8410
8	48.3	48.5	50.5	44.5	2	1.2	0.5	0.8	1.7							8230
9					2	0.4	1.6	0.8	2.7	I. 6	24.3	21.9	25.8			8226
10					2	0.3	1.1	0.8	2.1							8108
11					1	0.2	0.4	0.4	1.0							8192
12					1	0.2	1.8	0.6	2.4							8180
13					1	0.0	2.0	1.0	4.8	I. 7	21.6	20.6	25.6	18.3	18.3	8160
14					2	1.8	1.2	0.2	1.8							8012
15	4.3	4.4	4.5	4.4	1	0.4	2.0	1.3	4.0							8127
16					1	0.7	0.8	0.7	2.1							8140
17					0	0.6	1.1	0.6	1.9	I. 8	23.1	21.4	25.1			8177
18					0	0.2	1.8	1.8	4.3							8145
19					0	0.7	1.3	0.8	2.5							8159
20					0	0.4	0.9	1.0	2.2							8175
21	0.0	0.0	0.0	0.0	0	0.3	0.6	0.6	1.4							8193
22					0	0.2	1.6	0.8	3.0	I. 9	21.1	19.7	24.8			8184
23					0	0.6	1.8	1.1	3.4							8161
24					0	0.5	1.4	0.5	2.1							8153
25					0	0.2	0.2	0.0	0.3							8158
26					0	0.1	0.8	0.4	1.2							8154
27					0	0.0	0.8	0.4	1.2	I.10	21.7	20.1	26.7			8188
28					0	0.0	1.3	1.0	2.3							8184
29					0	0.0	0.6	0.6	1.6							8179
30					0	0.4	1.3	0.9	2.3							8190
31					0	0.1	1.2	0.6	1.9							8195
Prom.	66.1	67.5	68.5	49.8	0	0.3	1.1	0.7	2.1	-	-	-	-	-	-	8225

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
18.3	18.2	17.9	19.0	19.3	19.3	20.6	20.5	0.1	Cn. m. y t., Ca. n., r. m. y n.
17.9	17.8	17.6	19.1	19.0	19.1	20.6	20.5	3.7	Cn. m. y t., Ca. n., Ne. m., r. n.
17.6	17.7	17.5	19.0	19.1	18.9	20.6	20.5	4.0	Ca. m. t. y n., N. m., r. m. y n.
17.6	17.7	17.6	18.9	19.0	18.9	20.6	20.5	7.5	Cn. m. t. y n., r. m., R. t.
17.8	17.9	18.0	18.9	19.9	18.8	20.5	20.5	-	Cn. m. y t., Ca. n.
18.1	18.3	18.3	18.9	19.0	19.0	20.5	20.5	-	Cn. m. t. y n., Ne. m., Ru.LL. t., R. n.
18.3	18.5	18.5	19.0	19.0	19.0	20.5	20.5	13.5	Cn. m. y t., Ca. n., r. m. y n.
18.8	18.8	18.6	18.8	19.0	19.0	20.2	20.2	14.0	Cn. m., Ca. t. y n., LL. m., r. n.
18.6	18.5	18.2	18.8	19.0	19.0	20.3	20.3	1.7	Ca. m. y n., Cn. t., r. m. y n.
18.2	18.2	17.8	18.7	18.8	18.9	20.3	20.3	2.2	Ca. m. y n., Cn. t., r. m. y n.
17.8	17.9	17.2	18.8	18.8	18.8	20.3	20.3	11.8	Cn. m. y t., Ca. n., r. m. y n.
18.1	18.3	18.2	18.9	18.9	18.9	20.2	20.4	15.9	Cn. m., Ca. t. y n., r. m. y n.
18.5	18.5	18.6	18.9	18.9	18.9	20.3	20.4	12.5	Cn. m., Ca. t. y n., r. m. y n.
18.7	18.8	18.8	18.9	18.9	18.8	20.2	20.4	-	Cn. m. y t., Ca. n., G. m., r. m., LL. m.
18.6	18.5	18.3	19.0	18.9	18.8	20.2	20.4	2.1	Ca. m. t. y n., r. m. y n.
18.1	18.0	17.7	18.7	18.6	18.6	20.1	20.3	2.9	Ca. m., Cn. t. y n., r. m.
17.4	17.4	17.0	18.4	18.5	18.4	20.1	20.2	-1.0	Ca. m. t. y n., r. m. y n.; h. m.
16.9	16.9	16.5	18.1	18.6	18.3	20.0	20.1	-1.6	Ca. m. y t., Cn. n., r. m. y n., h. m.
16.4	16.4	16.1	18.0	18.2	18.0	20.0	20.2	1.4	Ca. m. y n., Cn. t., r. m. y n.
15.9	15.9	15.6	17.6	17.7	17.8	20.0	20.3	-0.1	Ca. m. y n.,Cn. t.,r. m. y n.,CH. t.,P.t,h. m.
15.4	15.4	15.1	17.3	17.4	17.5	20.0	20.2	-3.7	Ca. m. t. y n., h. m. y n., r. m. y n.
15.0	14.9	14.7	17.2	17.3	17.0	19.9	20.1	-3.9	Ca. m. t. y n., r. m. y n., h. m.
14.6	14.5	14.3	16.7	16.8	16.7	19.8	20.1	-1.5	Ca. m., Cn. t. y n., r. m. y n., h. m.
14.3	14.4	14.1	16.8	16.5	16.7	19.8	20.1	-1.7	Cn. m. y t., Ca. n., r. m. y n., h. m.
14.2	14.2	14.2	16.5	16.4	16.3	19.7	20.0	-0.6	Cn. m. t. y n., N. m. t. y n., Ns. t., h. m.
14.2	14.2	14.0	16.3	16.5	16.5	19.7	20.0	0.3	Cn. m. t. y n., r. m. y n.
14.2	14.3	14.3	16.2	16.2	16.2	19.6	20.0	1.5	Cn. m. y t., Ca. n., r. n., N. m.
14.3	14.4	14.1	16.2	16.2	16.1	19.6	20.0	-2.5	Ca. m. t. y n., Ns. m., r. n., h. m.
14.2	14.2	14.1	16.1	16.0	16.0	19.5	20.0	1.2	Cn. m. t. y n., N. m., r. m. y n.
14.2	14.2	14.1	15.7	15.9	16.0	19.3	20.0	-0.6	Ca. m. t. y n., r. m. y n., h. m.
14.2	14.2	14.0	15.7	15.8	15.9	19.3	20.0	-0.6	Cn. m. t. y n., r. m. y n., h. m.
16.7	16.7	16.5	17.9	18.0	17.9	20.1	20.2	2.8	

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	59.9	66.3	1	7	50.6	7	23	15.9	20.5	11.8	26.0	7	14-15	5.7	1	7	5.3	10.5	50
2ª	58.8	69.8	20	24	46.6	14	14	13.4	18.3	9.4	25.6	12	14	3.0	20	7	7.2	10.3	69
3ª	62.4	71.6	21	9-11	56.6	26	1	9.2	16.3	3.6	19.9	26	14	0.2	22	3	6.2	10.1	61
MES	60.4	71.6	21	9-11	46.6	14	14	12.7	18.3	8.1	26.0	7	14-15	0.2	22	7	6.1	10.3	60

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA				
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas			Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h.	Km/h.		Km/h.			Km/h.				mm.	mm.		mm.		
1ª	85	100	4	45	9	11.4	17.6	6.4	E	9	36	7	34	7	22-23	56	W	8	1.22	63.1	48.5	8	11.0	8	2-3
2ª	80	99	11	47	17	9.5	17.5	5.2	W	11	36	14	35	14	10-11	41	N	14	10.46	4.4	4.4	15	3.5	14	14-15
3ª	85	100	21,25-31	45	23	7.2	11.5	4.4	N	8	32	23	28	23	11-12	30	N	23	11.34	-	-	-	-	-	-
MES	83	100		45	9,23	9.3	17.6	4.4	N	9	36	7,14	35	7 14	22,23 10-11	56	W	8	1.22	67.5	48.5	8	11.0	8	2-3

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	9	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-
2ª	9	3	-	-	-	-	-	-	-	1	-	2	-		2	-
3ª	10	8	-	-	-	-	-	-		-	-	4	3	-	-	-
MES	27	11	-	-	-	-	-	-			-	6	6	-	3	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III — JUNIO 1948 — N.° 6

RESUMEN MENSUAL

En los primeros días reinan condiciones normales para esta estación del año. Una débil corriente del sector N eleva la temperatura paulatinamente. Al fin de la primera semana una atmósfera tropical cubre el Norte del país, extendiéndose hasta el centro de la Provincia de Buenos Aires. Alcanzan entonces la temperatura y tensión del vapor valores estivales; las máximas mensuales son, en efecto, 25.2° C y 18.0 mm. respectivamente. Tormentas eléctricas y lluvias por la tarde del día 7 delatan que este ambiente ha sido desplazado por otro más fresco. La temperatura recobra su nivel normal hasta el fin de la década reina nuevamente tiempo bueno.

Característica de gran parte de la segunda década es su tiempo típicamente invernal con heliofanía efectiva y nubosidad altas. También la temperatura y humedad entregan valores que corresponden a este mes, aunque el 13 por la tarde se encuentre el Observatorio incluído en un frente frío lluvioso. Cinco días después, es decir el 18, el tiempo empieza a descomponerse al intensificarse la corriente N que se insinuara ya el 15. Temperatura, humedad y nubosidad aumentan rápidamente; con el mismo andar desciende a su vez la presión. De nuevo el 20 una ola de aire tropical cubre la zona extendiéndose hasta el centro de la Provincia de Buenos Aires. Con alta humedad, la temperatura rebasa los 20.0° C; la presión registra su nivel mínimo mensual con 745.3 mm.

Sin lluvias avanza hacia el norte una fuerte corriente de aire frío y seco el 21. El cambio se deja observar antetodo por el descenso de la temperatura entre el 21 y 22 en casi 20.0° C y por el aumento de la presión en 20.0 mm. El 22 se anota el valor mínimo mensual de la temperatura con -3.8° C y el 23 el máximo mensual de la presión con 767.4 mm. Sólo un día, el 22, es de buen tiempo, como consecuencia de un empuje de aire bien frío. El 23 en efecto el viento sopla ya del SE iniciándose un período de mal tiempo que se mantiene hasta el fin del mes. En estos últimos ocho días sólo se registran un total de siete horas de heliofanía; cuatro de ellos resultan totalmente nublados. Se trata en realidad de una sudestada típica con lluvias, lloviznas y nieblas que dura hasta el 25. El 26 cambia el viento hacia el N; el aire tropical ambiente se manifiesta en el aumento de la temperatura, humedad y lluvias intermitentes. Por tercera vez en este período la temperatura sobrepasa los 20.0° C. En la madrugada del 29 llega aire frío con lo que se restablecen las condiciones invernales.

En el promedio mensual repercuten también estos tres fuertes empujes de aire tropical resultando la temperatura 2.1° C y la tensión del vapor 4.0 mm. superiores a su nivel normal. La fluctuación barométrica equilibra su promedio con el 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	42	52	58	52	58	22	48	36	46	30	34	22	26	24	26
2	6	2	2	4	11	12	7	11	20	28	20	15	20	22	20
3	54	26	42	54	38	16	0	14	34	20	16	18	18	18	20
4	14	9	22	18	20	28	24	20	24	14	22	-	-	-	-
5	30	22	38	50	44	54	71	46	38	50	28	-	-	-	-
6	-	-	-	-	-	34	42	62	40	24	32	26	18	22	28
7	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
9	-	-	-	-	-	-	-	-	42	58	55	35	26	26	30
10	26	26	26	32	34	20	26	48	98	110	83	66	56	54	96
11	85	85	-	-	-	-	-	-	-	-	26	41	46	50	46
12	48	46	54	58	50	46	54	71	62	85	76	75	73	87	85
13	-	66	75	80	89	87	85	85	85	87	64	54	58	52	50
14	54	50	66	62	62	64	66	75	103	112	96	59	64	71	62
15	58	66	62	78	38	62	87	71	91	121	71	60	58	66	73
16	137	123	64	28	82	54	- 7	82	107	80	58	48	54	58	66
17	38	36	30	30	32	20	18	42	94	89	60	64	78	71	91
18	75	71	66	62	46	20	22	50	94	87	56	38	24	20	22
19	22	14	20	20	32	14	18	40	69	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	22	30
22	50	42	40	40	56	42	62	85	149	66	83	55	52	46	66
23	75	85	85	64	75	58	-	-	-	$\pm\infty$	$\pm\infty$	$\pm\infty$	$\pm\infty$	$\pm\infty$	-52
24	48	38	26	22	24	42	40	94	103	34	34	57	26	26	20
25	46	38	38	42	42	30	50	66	56	46	82	80	48	34	2
26	50	66	44	56	50	44	44	38	60	73	40	26	30	30	36
27	20	28	30	26	24	22	22	30	48	66	50	31	24	20	28
28	18	24	34	40	36	46	22	20	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31															
Prom.	42.0	42.2	42.2	42.8	41.0	36.8	46.1	60.1	91.5	78.5	63.9	51.8	48.0	47.2	57.8

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD "λ" $.10^{-4}$							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	6.68	9.16	15.84	0.73	-	-	-	-	0.68	0.76	1.44	0.89	1.00	1.38	2.38	0.72
2	-	-	-	-	-	-	-	-	1.23	1.33	2.56	0.92	1.61	1.29	2.90	1.25
3	-	-	-	-	-	-	-	-	0.67	1.03	1.70	0.65	0.67	0.72	1.39	0.93
4	-	-	-	-	-	-	-	-	1.40	0.93	2.33	1.50	0.79	0.97	1.76	0.81
5	-	-	-	-	-	-	-	-	0.51	0.59	1.10	0.86	0.51	0.56	1.07	0.91
6	-	-	-	-	-	-	-	-	0.76	0.92	1.68	0.83	0.78	0.92	1.70	0.85
7	-	-	-	-	-	-	-	-	1.24	1.21	2.45	1.02	0.98	1.09	2.07	0.90
8	-	-	-	-	-	-	-	-	0.56	0.74	1.30	0.76	0.16	0.25	0.41	0.64
9	-	-	-	-	-	-	-	-	0.47	0.56	1.03	0.84	0.82	0.62	1.44	1.32
10	3.21	4.51	7.72	0.72	4.03	4.03	8.07	1.00	0.19	0.13	0.32	1.46	0.38	0.53	0.91	0.72
11	-	-	-	-	5.28	9.56	14.84	0.56	0.43	0.70	1.13	0.61	0.82	1.01	1.83	0.81
12	9.11	14.61	23.72	0.62	5.31	7.09	12.40	0.74	0.80	0.94	1.74	0.85	0.89	0.82	1.71	1.08
13	-	-	-	-	-	-	-	-	0.47	0.90	1.37	0.52	1.00	1.26	2.26	0.79
14	-	-	-	-	11.13	14.55	25.68	0.76	0.58	1.20	1.78	0.48	1.36	1.15	2.51	1.18
15	-	-	-	-	-	-	-	-	0.36	0.56	0.92	0.64	0.95	0.95	1.90	1.00
16	-	-	-	-	-	-	-	-	0.46	0.83	1.29	0.55	0.68	0.83	1.51	0.82
17	-	-	-	-	-	-	-	-	0.52	0.70	1.22	0.74	0.42	0.84	1.26	0.50
18	-	-	-	-	-	-	-	-	0.42	0.62	1.04	0.68	0.70	0.54	1.24	1.30
19	-	-	-	-	-	-	-	-	0.64	0.88	1.52	0.73	0.57	0.61	1.18	0.93
20	-	-	-	-	-	-	-	-	0.84	1.12	1.96	0.75	0.87	0.65	1.52	1.34
21	-	-	-	-	8.14	12.87	21.02	0.64	0.77	1.17	1.94	0.66	0.59	0.75	1.34	0.79
22	3.00	4.90	7.90	0.62	5.48	6.08	11.56	0.90	0.82	0.90	1.72	0.91	0.56	0.74	1.30	0.76
23	-	-	-	-	-	-	-	-	0.50	0.41	0.91	1.22	-	-	-	-
24	-	-	-	-	12.80	13.71	26.51	0.93	0.88	0.69	1.57	1.28	1.30	1.50	2.80	0.87
25	-	-	-	-	-	-	-	-	-	-	-	-	0.30	0.43	0.73	0.70
26	-	-	-	-	-	-	-	-	0.81	0.82	1.63	0.99	0.26	0.22	0.48	1.18
27	-	-	-	-	-	-	-	-	0.87	0.73	1.60	1.19	0.20	0.17	0.37	1.18
28	-	-	-	-	-	-	-	-	1.12	0.98	2.10	1.14	1.09	1.13	2.22	0.96
29	-	-	-	-	-	-	-	-	0.93	0.81	1.74	1.15	-	-	-	-
30	-	-	-	-	9.65	11.00	20.64	0.86	0.84	0.81	1.65	1.04	0.96	1.10	2.06	0.87
31																
Prom.	0.55	0.83	1.38	0.67	0.77	0.99	1.76	0.80	0.72	0.83	1.54	0.89	0.76	0.82	1.58	0.93

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
36	33	39	47	48	55	41	24	18	38.2	103	-65	168	1
26	32	42	30	26	46	54	48	50		80	- 8	88	1
18	26	44	34	14	34	22	14	14		149	-32	181	2
-	-	-	-	-	-	20	32	28		107	-30	137	2*
-	-	-	-	-	-	-	-	-		126	-37	163	2*
26	36	36	42	34	38	34	38	30		144	-30	174	1*
-	-	-	-	-	-	-	-	-		-	-	-	1*
60	-	-	-	-	-	-	-	-		83	-11	94	3*
30	28	30	34	28	24	36	32	26		89	14	75	0*
103	94	96	103	149	69	54	94	78	68.4	268	-39	307	1
48	52	66	73	69	58	54	58	56		139	5	134	0*
90	114	30	22	-	-	-	-	-		190	-44	234	1*
52	52	$\pm\infty$	$\pm\infty$	-	60	66	52	48		∞	$-\infty$	-	3*
78	85	69	54	18	34	34	42	42	63.4	149	0	149	0
85	91	71	85	82	22	96	103	103	75.0	187	-71	258	1
50	62	46	34	50	80	62	46	28		162	-39	201	2
130	96	96	117	137	96	66	78	75	70.2	270	-44	314	1
29	18	14	18	12	12	24	32	14		121	-54	175	2
-	-	-	-	-	-	-	-	-		130	-48	178	2*
-	-	-	-,	-	-	-	-	-		-	-	-	2*
38	42	46	50	46	46	48	48	50		-	-	-	2*
72	101	112	137	146	82	91	107	89	78.0	∞	-28	-	1
-79	-10	22	38	54	52	50	52	54		∞	$-\infty$	-	3*
28	28	46	54	62	52	44	28	46	42.6	174	- 7	181	1
12	32	28	112	42	75	54	103	18		210	-28	239	2
34	28	18	14	12	24	9	26	34		165	-28	193	2
40	19	6	18	14	24	28	34	32	28.5	103	- 5	108	1
-	-	-	-	-	-	-	-	-		85	-39	124	1*
-	-	-	-	-	-	-	-	-		-	-	-	3*
-	-	-	-	-	-	-	-	-		-	-	-	0*
71.5	68.4	66.9	76.9	82.0	54.2	56.8	63.8	60.4	58.0				

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^-
34	36	36	1.73	2.86	1020	1100	2120	0.93	0.72	0.53
14	18	26	1.54	2.51	1104	1251	2355	0.88	0.89	1.31
20	16	20	0.91	0.93	1136	1224	2360	0.93	0.97	0.32
20	18	-	1.40	-	855	907	1762	0.94	0.68	1.80
24	18	-	0.66	-	398	610	1008	0.65	-	1.59
28	26	26	1.46	1.47	553	853	1406	0.65	-	0.23
-	-	-	-	-	907	920	1827	0.98	-	1.94
-	-	43	-	0.59	-	907	907	-	-	1.00
54	38	32	1.30	1.54	907	855	1762	1.06	-	0.92
64	58	103	0.62	3.12	184	172	356	1.07	1.06	-
34	42	50	1.58	3.05	398	490	888	0.81	-	0.82
73	75	94	4.35	5.36	920	907	1827	1.01	0.64	0.80
56	48	54	2.19	4.07	796	670	1466	1.19	1.38	0.56
71	60	85	3.56	7.11	1224	1136	2360	1.08	-	-
52	64	85	1.96	5.38	796	364	1160	2.19	-	-
60	50	50	2.15	2.52	798	740	1538	1.08	1.99	1.24
46	48	117	1.95	4.91	339	614	953	0.55	-	0.65
54	38	18	1.32	0.74	798	1079	1877	0.74	-	0.67
-	-	-	-	-	907	306	1213	2.96	0.80	0.64
-	-	-	-	-	855	853	1708	1.00	1.83	1.29
-	-	42	-	1.88	1362	1345	2707	1.01	0.53	0.58
69	50	73	2.87	3.16	368	570	938	0.64	-	0.71
$\pm\infty$	$\pm\infty$	-46	-	-	1079	675	1754	1.60	1.51	0.31
34	64	28	3.35	2.61	490	622	1112	0.79	1.61	1.16
96	91	12	-	0.29	339	626	965	0.54	0.54	1.01
36	28	38	1.52	0.61	1469	1362	2831	1.09	0.67	0.53
50	36	41	1.92	0.50	1197	675	1872	1.77	2.45	1.48
-	-	-	-	-	670	853	1523	0.78	0.29	1.67
-	-	-	-	-	796	1104	1900	0.72	1.38	2.16
-	-	-	-	-	796	624	1420	1.28	-	1.76
47	43	46	1.92	2.63	809	813	1595	1.07	1.11	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	62.2	62.1	62.2	62.0	62.2	62.3	62.7	63.3	63.5	63.6	63.5	63.4	62.7	62.2	61.8
2	61.6	61.5	61.5	61.1	61.5	61.8	62.2	62.5	62.7	62.6	62.6	62.5	61.9	61.7	61.7
3	62.8	62.7	63.3	63.0	63.2	63.0	63.3	63.4	63.5	63.4	63.2	62.5	61.6	61.1	60.6
4	60.5	60.4	60.6	60.8	60.8	60.9	61.0	61.1	61.5	61.4	60.9	60.5	60.0	59.5	59.5
5	59.5	59.3	59.1	58.9	58.9	59.2	59.3	59.4	59.6	60.4	60.5	59.8	59.6	59.2	59.0
6	58.7	58.7	58.6	58.5	58.3	57.8	57.8	57.8	57.7	57.3	56.7	55.8	54.7	53.9	52.9
7	53.0	52.8	52.5	52.0	51.9	51.9	51.9	52.2	52.2	52.1	51.9	51.2	50.4	50.2	50.2
8	53.2	53.3	53.8	53.6	53.5	53.5	53.8	54.0	54.1	54.5	54.3	53.9	53.5	53.0	52.9
9	58.6	58.4	58.8	59.0	59.1	59.8	60.8	61.4	61.9	62.2	62.3	62.1	61.8	61.5	61.7
10	64.3	64.3	64.3	64.1	64.0	64.3	64.4	64.9	65.0	65.2	65.1	64.5	63.8	63.0	62.9
11	61.5	61.1	60.7	60.6	60.4	60.2	60.4	60.7	60.9	61.0	60.8	60.7	60.2	60.2	60.3
12	62.8	62.7	62.7	62.8	62.7	63.4	63.8	64.8	64.8	65.3	65.0	64.5	64.0	63.6	63.3
13	61.5	60.8	60.3	59.1	58.8	58.9	58.9	59.0	59.1	59.0	58.7	57.7	57.8	57.4	57.1
14	61.1	61.3	61.3	61.4	61.7	62.3	62.9	63.8	64.3	64.9	65.2	65.2	65.2	65.7	65.9
15	67.1	66.6	66.2	65.9	65.5	65.4	65.5	65.2	65.3	65.2	64.9	64.2	63.5	63.0	62.8
16	62.1	62.1	61.7	61.6	61.8	62.1	62.4	62.6	62.7	62.8	62.6	62.2	61.6	61.2	61.3
17	63.9	63.8	63.7	63.2	63.3	63.6	63.6	63.6	63.6	63.5	63.0	62.2	61.5	61.0	60.5
18	59.4	59.0	59.0	59.0	59.4	60.0	60.3	60.9	60.8	60.9	60.7	60.1	59.6	59.4	58.8
19	58.6	58.7	58.6	58.3	58.0	57.7	57.8	57.8	57.6	57.0	56.2	55.3	54.2	53.7	53.3
20	51.1	50.8	50.4	50.0	49.3	49.1	48.9	48.8	48.7	48.6	47.9	47.5	46.4	45.6	45.3
21	46.8	46.5	46.5	46.1	46.0	46.6	47.2	49.2	51.3	52.8	53.8	54.2	54.8	55.2	56.0
22	64.2	64.7	64.6	64.5	64.4	64.8	65.4	65.6	65.7	65.7	65.8	65.6	65.6	65.4	65.3
23	66.6	66.3	66.1	65.8	65.4	65.4	66.0	66.0	67.4	67.0	67.2	65.5	66.3	65.7	65.7
24	65.3	65.1	65.0	63.9	63.8	63.8	63.9	63.8	64.2	63.8	63.6	63.2	62.3	62.0	62.0
25	61.1	61.4	61.0	60.9	60.9	61.2	61.2	61.4	61.4	61.4	61.9	61.5	61.6	61.0	60.9
26	62.8	62.0	62.9	62.9	63.0	63.4	64.0	64.7	64.8	65.1	64.8	64.5	64.1	63.8	63.7
27	63.5	63.4	62.7	62.5	62.4	62.2	62.4	62.4	62.5	62.7	62.4	61.8	61.3	60.6	60.2
28	59.5	59.0	58.8	58.5	58.1	57.8	57.6	57.6	57.3	57.1	56.8	56.0	55.1	54.8	54.3
29	53.8	53.9	54.1	54.1	54.3	54.6	54.7	55.5	55.5	55.8	55.9	55.5	54.8	54.4	56.0
30	61.6	62.6	62.6	62.4	63.0	63.3	63.7	63.8	63.8	63.9	63.7	63.5	63.1	63.6	63.3
31															
Prom	60.3	60.2	60.1	59.9	59.8	60.0	60.3	60.6	60.8	60.9	60.7	60.2	59.8	59.4	59.3

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	10.0	9.8	8.9	8.7	8.5	7.8	7.4	7.9	10.5	14.7	17.3	18.4	18.5	18.8	19.4
2	10.5	9.8	9.4	9.7	9.8	9.7	9.6	10.4	12.4	15.5	16.9	18.5	19.4	19.8	20.0
3	13.2	10.5	10.6	10.3	9.8	9.6	9.6	10.0	12.5	14.8	17.7	19.3	19.6	20.4	19.6
4	13.4	13.2	12.5	12.4	11.5	11.7	11.5	11.5	12.4	14.7	16.8	20.1	20.7	21.8	21.1
5	10.3	10.1	10.3	10.5	10.6	10.8	11.3	12.5	13.5	15.4	16.5	17.9	18.8	18.8	19.0
6	14.0	13.3	13.2	12.6	12.5	12.0	11.9	12.2	13.7	14.7	16.2	17.3	18.7	19.2	19.1
7	18.1	17.9	17.8	17.7	17.6	17.7	17.6	18.4	19.4	21.1	22.6	24.0	25.1	25.2	24.7
8	15.1	15.0	14.9	14.9	15.0	14.5	14.6	14.4	14.4	14.5	14.6	14.6	14.7	15.5	16.1
9	12.9	12.2	10.9	10.3	10.1	9.5	8.5	8.2	9.0	11.2	13.3	14.3	13.7	14.4	14.1
10	7.3	6.3	5.1	3.7	3.2	2.6	1.9	2.0	6.0	8.7	11.1	12.0	13.7	14.2	13.9
11	6.6	6.9	7.0	7.2	7.1	6.7	6.7	7.0	7.2	9.0	12.8	13.8	14.6	15.4	15.4
12	5.3	4.7	4.2	4.0	2.5	2.7	2.2	3.2	5.9	9.5	12.2	13.7	13.7	14.4	14.4
13	8.7	8.9	9.0	8.6	8.2	8.4	7.9	8.2	10.1	12.3	13.7	13.8	14.8	14.8	14.5
14	7.2	7.0	7.2	6.5	5.9	6.2	5.9	5.9	7.3	9.8	11.4	12.1	12.5	12.9	12.7
15	2.6	1.9	2.0	1.1	0.9	0.4	1.2	3.5	7.2	10.5	12.5	13.7	14.8	15.3	15.3
16	7.2	6.9	5.9	5.1	5.4	4.8	4.8	5.8	9.0	11.6	13.7	15.7	16.6	17.4	17.4
17	7.6	7.2	7.0	6.7	6.5	6.1	5.7	6.6	8.4	11.5	13.5	15.0	16.3	17.4	17.7
18	9.3	9.4	8.3	7.7	7.3	7.4	7.0	8.1	9.9	12.8	15.5	16.7	17.3	18.0	17.7
19	8.7	9.1	9.3	9.4	9.0	9.2	11.3	12.5	13.4	15.3	17.2	19.1	20.1	20.8	21.1
20	17.1	16.9	16.7	16.6	15.9	15.6	15.6	15.9	17.4	18.3	20.9	21.6	22.8	23.2	23.6
21	17.4	17.3	16.4	16.3	16.3	16.7	17.1	16.7	12.9	12.5	13.2	14.6	14.3	14.1	13.9
22	3.1	2.2	1.4	1.2	0.2	-1.0	-1.9	-0.6	4.7	8.0	10.6	12.6	12.5	12.7	12.7
23	4.9	5.5	6.0	6.6	6.7	6.9	7.6	10.1	10.1	10.2	10.5	10.3	10.5	11.0	10.8
24	9.2	9.3	9.3	9.3	9.1	9.1	9.3	9.1	9.3	9.2	9.2	9.9	10.9	11.7	12.0
25	8.8	8.8	8.8	8.6	8.4	8.3	8.4	8.4	8.6	8.7	9.4	9.9	10.8	11.0	11.1
26	9.6	9.6	9.7	9.7	9.7	9.8	9.9	10.0	10.0	10.2	11.2	11.4	11.6	11.6	11.5
27	11.4	11.5	11.6	11.7	11.7	11.8	11.8	12.0	12.0	12.8	13.9	14.5	15.0	15.0	14.9
28	15.0	15.5	15.7	15.6	15.4	16.2	16.8	17.0	17.7	17.8	22.3	23.2	23.7	24.3	22.5
29	15.7	16.0	16.2	16.2	16.2	16.3	16.4	16.4	16.9	17.4	17.7	17.6	17.1	16.6	16.4
30	11.6	11.3	11.2	10.0	9.1	8.6	8.3	8.2	8.6	8.7	9.5	10.6	11.6	12.2	12.1
31															
Prom	10.4	10.1	9.9	9.6	9.3	9.2	9.2	9.7	11.0	12.7	14.5	15.5	16.2	16.6	16.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
61.8	61.7	61.7	61.6	61.8	61.8	62.0	62.2	62.1	63.6	10	61.6	19	2.0	762.4 mm.	1016.5 mb.
61.8	61.7	61.6	61.7	62.0	62.4	62.4	62.6	62.7	62.7	9,24	61.1	4	1.6	62.0	1016.0
60.7	60.6	60.8	60.9	61.4	61.3	61.3	61.2	60.7	63.5	9	60.6	15,17	2.9	62.1	1016.1
59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.6	59.5	61.5	9	59.5	14-17,24	2.0	60.2	1013.6
58.9	58.8	58.9	59.0	59.0	58.8	58.8	58.9	58.8	60.5	11	58.8	17,21-22,24	1.7	59.2	1012.1
52.9	52.9	52.9	52.9	53.0	53.1	53.2	53.0	53.0	58.7	1-2	52.9	15-19	5.8	55.5	1007.3
50.5	50.8	51.2	51.8	52.0	52.2	52.8	53.0	53.1	53.1	24	50.2	14-15	2.9	51.8	1002.4
53.5	53.9	54.3	55.0	55.7	56.0	56.6	57.2	58.0	58.0	24	52.9	15	5.1	54.4	1005.8
62.0	62.7	63.2	64.1	64.2	64.2	64.0	63.8	64.1	64.2	20-21	58.4	2	5.8	61.7	1015.6
62.4	62.5	62.3	62.9	62.8	62.4	61.9	62.0	61.4	65.2	10	61.4	24	3.8	63.5	1018.0
60.5	60.6	60.6	61.3	62.0	62.1	62.4	62.7	63.0	63.0	24	60.2	6,13-14	2.8	61.0	1014.6
63.0	62.7	62.8	62.7	62.6	62.3	61.8	61.9	61.6	65.3	10	61.6	24	3.7	63.2	1017.6
56.7	57.7	58.3	58.7	59.2	59.8	60.5	60.8	60.9	61.5	1	56.7	16	4.8	59.0	1012.0
66.0	66.3	66.6	66.8	67.0	67.0	67.2	67.3	67.2	67.3	23	61.1	1	6.2	64.7	1019.6
62.6	62.2	62.4	62.5	62.6	62.6	62.3	62.4	62.2	67.1	1	62.2	17,24	4.9	64.1	1018.8
61.5	61.7	62.3	63.1	63.4	63.5	63.5	63.7	63.6	63.7	23	61.2	14	2.5	62.4	1016.5
60.4	60.3	60.5	60.6	60.6	60.2	59.7	59.7	59.6	63.9	1	59.6	24	4.3	61.9	1015.8
58.8	58.8	58.7	59.0	59.2	59.5	59.5	59.4	59.1	60.9	8,10	58.7	18	2.2	59.6	1012.8
53.0	52.7	52.5	52.0	52.0	51.8	51.6	51.4	51.3	58.7	2	51.3	24	7.4	55.0	1006.6
45.4	45.4	45.4	45.7	46.1	46.2	46.4	46.6	46.7	51.1	1	45.3	15	5.8	47.6	996.8
57.1	58.4	59.3	60.5	61.2	61.9	62.9	63.6	63.7	63.7	24	46.0	5	17.7	54.2	1005.6
65.4	65.4	65.8	65.6	65.8	66.2	66.5	67.1	66.9	67.1	23	64.2	1	2.9	65.5	1020.6
65.4	65.1	65.3	65.4	65.6	65.4	65.8	65.8	65.5	67.4	9	65.1	17	2.3	65.9	1021.2
61.9	61.9	61.8	61.8	61.8	61.7	61.5	61.7	61.4	65.3	1	61.4	24	3.9	63.0	1017.3
60.9	61.1	61.5	61.7	62.2	62.6	62.6	63.0	62.8	63.0	23	60.9	4-5,15-16	2.1	61.6	1015.4
63.8	63.9	64.1	64.5	64.0	64.3	64.0	63.8	63.5	65.1	10	62.0	2	3.1	63.8	1018.4
60.1	60.2	60.4	60.3	60.1	60.0	60.0	60.0	59.8	63.5	1	59.8	24	3.7	61.4	1015.2
54.2	54.2	54.0	54.0	54.2	54.5	53.3	53.7	53.8	59.5	1	53.3	22	6.2	56.0	1008.0
56.3	56.4	57.4	58.8	59.4	60.2	60.3	60.6	61.5	61.5	24	53.8	1	7.7	56.4	1008.5
63.5	63.2	63.3	63.9	64.2	64.2	64.2	64.1	63.8	64.2	20-22	61.6	1	2.6	63.4	1017.8
59.4	59.4	59.6	60.0	60.2	60.3	60.3	60.4	60.4	62.5		58.1		4.4	60.1	1013.4

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
19.0	15.8	13.7	13.0	11.9	11.7	10.8	10.4	10.4	19.4	15	7.4	7	12.0	12.6
19.6	17.4	16.0	15.2	14.9	14.6	13.9	13.5	13.1	20.0	15	9.4	3	10.6	14.2
19.1	17.4	15.1	13.5	13.2	12.3	12.8	13.1	13.3	20.4	14	9.6	6-7	10.8	14.0
19.8	18.2	15.7	14.0	13.0	11.8	11.0	11.1	11.0	21.8	14	11.0	22,24	10.8	14.6
18.9	17.5	16.7	15.4	14.8	14.8	14.3	14.6	14.6	19.0	15	10.1	2	8.9	14.5
18.9	18.2	17.9	16.9	17.4	18.0	17.5	17.8	18.1	19.2	14	11.9	7	7.3	15.9
23.7	23.0	22.1	20.6	19.4	18.7	18.3	17.2	15.7	25.2	14	15.7	24	9.5	20.2
16.0	15.7	15.3	14.8	14.4	14.2	14.1	13.9	13.3	16.1	15	13.3	24	2.8	14.8
13.6	12.7	11.9	11.2	10.6	9.9	9.9	9.1	8.5	14.7	13	8.2	8	6.5	11.3
13.4	10.2	7.5	5.7	4.6	5.3	5.5	6.1	6.5	14.2	14	1.9	7	12.3	7.4
14.6	12.6	10.0	8.7	7.9	7.1	6.3	6.1	5.5	15.4	14-15	5.5	24	9.9	9.3
13.1	11.4	9.5	7.9	8.0	7.4	8.2	9.1	9.2	14.4	14-15	2.2	7	12.2	8.2
14.3	13.6	12.0	11.3	10.8	10.1	9.2	8.2	7.5	14.8	13-14	7.5	24	7.3	10.8
12.5	10.9	8.9	7.2	6.0	6.0	3.8	4.7	4.4	12.9	14	3.8	22	9.1	8.1
14.8	11.8	9.5	8.6	8.1	7.2	7.1	7.1	7.1	15.3	14-15	0.4	6	14.9	7.7
16.9	14.9	12.6	11.1	9.8	8.6	8.7	8.5	7.9	17.4	14-15	4.8	6-7	12.6	10.3
15.8	13.3	12.4	10.7	10.9	11.0	10.6	9.9	9.5	17.7	15	5.7	7	12.0	10.7
17.5	15.6	13.3	11.0	9.3	8.5	8.1	8.6	8.4	18.0	14	7.0	7	11.0	11.4
20.2	18.7	18.1	17.5	17.6	17.6	17.7	17.6	17.6	21.1	15	8.7	1	12.4	15.3
22.6	20.6	19.2	18.3	17.3	17.1	16.4	16.7	17.4	23.6	15	15.6	6-7	8.0	18.5
12.8	11.7	10.1	8.4	7.0	6.1	5.2	4.2	3.5	17.4	1	3.5	24	13.9	12.4
12.2	9.8	7.3	5.5	3.9	2.9	2.7	2.5	2.8	12.7	14-15	-1.9	7	14.6	5.3
10.6	9.9	9.6	9.3	9.2	9.1	9.1	9.2	9.2	11.0	14	4.9	1	6.1	8.9
11.9	11.6	11.3	10.7	10.3	10.0	10.0	9.9	9.4	12.0	15	9.1	5-6,8	2.9	10.0
11.0	10.7	10.5	10.3	10.0	9.9	9.9	9.9	10.0	11.1	15	8.3	6	2.8	9.6
11.4	11.4	11.2	11.1	11.1	11.2	11.2	11.3	11.3	11.6	13-14	9.6	1-2	2.0	10.7
14.9	14.8	14.6	14.5	14.8	14.9	14.9	14.9	14.9	15.0	13-14	11.4	1	3.6	13.5
21.5	21.1	19.6	18.5	18.0	16.7	16.4	16.4	15.8	24.3	14	15.0	1	9.3	18.4
16.0	15.6	15.4	13.1	13.0	12.7	12.5	12.1	12.1	17.7	11	12.1	23-24	5.6	15.5
12.0	11.7	11.3	10.7	10.0	9.9	9.6	9.4	9.1	12.2	14	8.2	8	4.0	10.2
16.0	14.6	13.3	12.2	11.6	11.2	10.9	10.8	10.6	16.9		8.0		8.9	12.1

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	8.5	8.5	8.0	8.0	8.0	7.6	7.4	7.9	8.5	10.0	9.5	9.5	9.5	10.0	10.5
2	8.0	8.0	8.0	7.8	7.8	7.8	8.0	8.4	9.0	10.5	7.4	10.5	11.0	11.4	10.5
3	10.0	9.0	9.0	9.0	8.5	8.5	8.5	8.9	9.0	10.0	10.5	11.0	11.5	11.5	11.5
4	10.0	9.5	9.0	9.0	9.0	9.0	9.0	9.6	9.5	10.5	11.5	11.5	12.0	12.1	11.5
5	9.0	9.0	9.0	9.0	9.0	9.0	9.5	10.6	11.0	11.0	11.5	11.5	12.5	12.3	12.5
6	11.0	10.5	11.0	10.5	10.5	10.0	10.0	9.8	10.0	10.0	11.0	11.0	10.5	11.9	11.5
7	14.0	14.0	14.0	13.5	14.5	13.5	14.5	14.8	14.5	14.0	15.5	16.0	17.0	17.9	18.0
8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.5	12.0	12.0	12.0	11.5	12.3	11.5
9	10.0	9.0	9.0	8.5	8.5	8.0	8.0	7.6	7.0	7.2	7.6	7.6	7.2	7.9	8.0
10	5.8	6.2	6.0	5.4	5.2	5.0	4.8	5.1	5.4	4.8	4.2	3.8	3.2	4.0	5.0
11	6.0	6.0	6.0	6.6	6.6	6.4	6.6	6.8	6.6	7.4	8.5	8.5	8.0	7.1	7.4
12	4.8	4.8	5.0	5.0	4.8	5.0	4.8	5.2	5.6	6.0	5.4	5.4	5.4	5.8	5.8
13	6.8	6.6	6.6	7.0	7.0	7.2	7.2	7.4	7.0	7.2	7.2	7.2	7.8	7.5	8.0
14	7.0	7.0	6.6	6.2	6.0	5.8	5.6	5.8	5.8	6.4	7.2	6.4	6.2	6.7	6.2
15	5.2	5.0	5.0	4.8	4.6	4.4	4.8	5.9	7.0	7.2	7.2	7.2	7.2	6.8	6.8
16	6.6	6.4	6.4	6.0	6.2	6.2	6.2	6.5	7.8	7.2	7.8	8.0	8.0	8.2	8.5
17	7.6	7.2	7.2	7.0	7.0	6.8	6.6	7.1	7.2	7.8	7.8	7.8	8.5	7.4	7.8
18	6.2	6.4	6.2	6.4	6.6	6.2	6.0	6.5	7.0	7.8	8.0	8.5	9.5	10.0	10.0
19	8.0	8.0	8.5	8.5	8.0	8.0	9.5	10.6	10.5	11.0	11.0	11.5	11.5	12.4	12.5
20	12.5	12.5	12.0	12.0	12.0	12.0	12.0	12.4	12.5	12.5	13.0	13.5	15.0	14.8	14.5
21	13.5	13.5	13.5	13.0	13.0	13.5	14.0	12.9	8.5	7.8	7.6	7.0	7.6	7.8	6.8
22	4.4	4.4	4.0	4.0	4.0	3.8	3.4	4.1	4.4	3.8	4.4	4.0	4.0	4.0	4.0
23	5.0	5.2	5.0	5.6	6.0	6.0	6.4	7.1	6.2	6.2	6.4	8.0	8.0	7.8	8.0
24	8.0	8.5	8.5	8.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.5	8.1	7.4
25	7.8	7.8	7.8	7.6	7.8	7.8	7.8	8.0	8.0	8.0	8.5	8.0	8.5	9.0	9.0
26	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9.0	8.5	9.0	8.0	8.0	8.5	9.4	9.0
27	9.0	9.0	9.0	9.0	9.0	9.5	9.5	10.2	10.0	10.5	10.0	10.5	11.0	11.3	11.0
28	11.5	12.0	12.0	12.0	12.5	12.0	12.0	12.3	11.5	11.5	12.5	12.0	12.5	12.7	13.5
29	12.0	12.5	12.5	13.0	13.0	13.0	13.5	13.4	13.0	12.5	13.0	13.0	13.0	13.3	13.5
30	7.8	7.6	7.6	7.0	7.0	7.2	7.0	7.4	7.2	7.6	8.0	8.0	8.0	8.6	8.5
31															
Prom.	8.6	8.5	8.4	8.4	8.4	8.3	8.4	8.7	8.6	8.8	9.0	9.2	9.4	9.7	9.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
62	71	81	86	87	86	88	90	91	100	8	61	15	39	84
67	75	82	84	84	83	85	84	85	93	3	64	15	29	82
73	86	92	99	98	99	96	93	88	99	6-7,19,21	64	14	35	88
73	84	88	92	95	91	95	99	99	99	23-24	62	14	37	86
76	80	85	92	91	90	91	90	91	99	3-7	76	13-16	23	90
77	83	85	90	90	89	92	91	90	97	6-7	70	13	27	88
83	88	91	96	96	96	97	97	97	97	22-24	73	13	24	90
88	90	96	95	95	95	96	96	96	98	1-5,8-11	88	15-16	10	96
67	71	69	63	72	68	70	73	78	97	7	60	13	37	77
46	58	76	81	88	91	90	89	87	96	8	29	13	67	73
57	69	82	78	79	79	78	68	69	91	7-8	55	14	36	77
56	65	71	77	81	83	77	77	78	91	6-7	47	12,14-15	44	72
67	74	88	88	87	83	87	90	93	93	24	60	14	33	79
60	67	77	87	91	94	95	99	98	99	23	58	15	41	81
58	69	78	84	86	88	88	89	88	100	3-4,6-8	52	14	48	83
62	73	81	86	91	97	97	97	96	97	21-23	56	14	41	83
55	62	73	75	73	72	74	73	75	98	2	41	15	57	77
70	81	89	93	95	93	95	99	98	99	23	65	11-12,14	34	81
70	81	84	84	80	81	81	84	84	98	1-8	68	13-14	30	85
76	83	88	90	94	94	95	95	92	95	22-23	70	14-15	25	86
59	62	59	64	66	70	74	78	80	100	4-5	58	15	42	77
43	53	69	75	83	82	81	91	81	91	6,23	36	14	55	70
92	91	92	89	92	95	95	94	96	96	24	67	11	29	84
74	68	71	72	76	82	87	88	89	99	1	68	17	31	88
97	97	97	98	97	97	97	97	97	99	10	92	1-3,13	07	96
94	96	97	96	97	97	97	97	97	98	4-5,7-9	85	11-12	13	95
89	90	92	93	93	92	93	93	95	98	8-9	88	12-13	10	93
74	80	85	87	92	91	93	92	91	96	5	57	14	39	83
99	99	99	90	77	75	72	73	75	99	16-18	72	22	27	90
82	79	76	71	74	75	79	82	86	91	8,10-11	71	19	20	82
72	78	83	85	87	87	88	89	89	97		64		33	84

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.0	9.5	9.5	9.5	9.1	8.5	11.0	8.0	8.5	11.0	22	7.4	7	3.6	9.0
11.5	10.5	11.0	10.5	10.7	10.0	9.5	9.5	9.0	11.5	16	7.4	11	4.1	9.4
11.5	12.5	11.5	11.0	11.0	10.0	10.5	10.0	9.5	12.5	17	8.5	5-7	4.0	10.2
12.5	12.5	11.5	11.0	10.6	9.5	9.0	9.5	9.5	12.5	16-17	9.0	3-7,22	3.5	10.4
12.5	11.5	11.5	12.0	11.4	11.0	11.5	10.5	11.0	12.5	13,15-16	9.0	1-6	3.5	10.8
12.5	12.5	12.5	12.5	13.3	13.0	13.5	14.0	13.0	14.0	23	9.8	8	4.2	11.5
18.0	18.0	18.0	17.5	16.1	15.5	15.0	14.0	12.5	18.0	15-18	12.5	24	5.5	15.4
11.5	11.5	12.5	11.5	11.7	11.0	11.5	11.5	11.0	12.5	18	11.0	21,24	1.5	11.8
7.8	7.8	7.0	6.2	6.9	6.0	6.0	6.2	6.4	10.0	1	6.0	21-22	4.0	7.6
5.4	5.2	6.0	5.6	5.6	6.0	5.8	6.0	6.2	6.2	2,24	3.2	13	3.0	5.2
7.0	7.2	7.4	6.4	6.3	5.8	5.4	4.6	4.4	8.5	11-12	4.4	24	4.1	6.6
6.4	6.2	6.4	6.0	6.5	6.2	6.2	6.6	6.6	6.6	23-24	4.8	1-2,5,7	1.8	5.7
8.0	8.0	9.0	8.5	8.4	7.6	7.6	7.0	7.0	9.0	18	6.6	2-3	2.4	7.4
6.2	6.4	6.6	6.6	6.4	6.4	5.4	6.2	6.0	7.2	11	5.6	7	1.6	6.3
7.2	6.8	6.8	6.8	6.9	6.6	6.6	6.6	6.6	7.2	10-13,16	4.4	6	2.8	6.2
9.0	9.0	8.5	8.5	6.7	8.0	8.0	8.0	7.6	9.0	16-17	6.0	4	3.0	7.5
7.6	7.0	8.0	7.4	7.4	7.0	6.8	6.6	6.4	8.5	13	6.4	24	2.1	7.3
10.0	10.5	9.5	9.0	8.4	7.6	7.4	8.0	7.8	10.5	17	6.0	7	4.5	7.9
11.5	13.0	12.5	12.0	12.0	12.0	12.0	12.0	12.0	13.0	17	8.0	1-2,5-6	5.0	10.8
15.5	14.5	14.5	13.5	14.3	13.0	12.5	13.0	13.5	15.5	16	12.0	3-7	3.5	13.2
6.2	6.4	5.2	5.0	4.9	4.6	4.8	4.6	4.4	14.0	7	4.4	24	9.6	8.6
4.4	4.6	5.0	4.8	5.1	4.6	4.4	5.0	4.6	5.1	20	3.4	7	1.7	4.3
8.5	8.0	8.0	7.6	8.0	7.8	7.8	7.8	8.0	8.5	16	5.0	1,3	3.5	7.0
7.4	6.8	7.2	6.8	7.2	7.4	7.8	7.8	7.6	8.5	2-4,13	6.8	17,19	1.7	7.8
9.5	9.0	9.0	9.0	8.9	8.5	8.5	8.5	8.5	9.5	16	7.6	4	1.9	8.4
9.0	9.5	9.5	9.5	9.6	9.5	9.5	9.5	9.5	9.6	20	8.0	11-12	1.6	8.9
11.0	11.0	11.0	11.0	11.7	11.5	11.5	11.5	11.5	11.7	20	9.0	1-5	2.7	10.4
13.5	14.0	14.0	13.5	14.1	13.0	12.5	12.5	12.0	14.1	20	11.5	1,9-10	2.6	12.6
13.0	12.5	12.5	9.5	8.6	7.8	7.8	7.6	7.6	13.5	7,15	7.6	23-24	5.9	11.7
8.5	7.8	7.6	6.8	6.8	6.6	6.8	7.2	7.4	8.6	14	6.6	21	2.0	7.5
9.8	9.7	9.6	9.2	9.2	8.7	8.8	8.7	8.5	10.6		7.3		3.3	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	NW	11	NW	9	NW	10	NW	7	NW	8	N	7	N	4	N	4	N	6	N	7	N	9	N	9	N	13	N	13	N	12
2	NE	15	NE	15	NE	13	NE	20	NE	17	NE	15	NE	15	NE	13	NE	20	NE	16	N	23	N	22	N	21	N	22	N	18
3	N	6	N	8	NE	9	N	6	NE	7	NE	10	NE	10	NE	11	NE	11	N	16	N	16	N	15	N	16	N	16	N	13
4	NE	14	N	15	N	9	NW	5	NW	5	N	4	N	7	N	4	N	6	N	10	NW	8	NW	9	NW	9	NW	9	NW	9
5	S	3	S	4	S	3	S	2	SE	2	SE	2	E	2	NE	5	NE	5	NE	5	NE	6	NE	6	NE	8	N	9	NE	7
6	NE	12	NE	11	NE	13	NE	11	NE	11	NE	8	NE	8	NE	8	NE	9	NE	10	NE	15	NE	14	NE	18	NE	16	E	15
7	NE	14	NE	11	NE	11	NE	15	NE	14	NE	15	NE	17	NE	17	N	15	N	20	N	22	N	22	N	23	N	20	N	15
8	S	9	S	7	S	7	S	5	S	4	S	6	S	8	S	6	S	8	S	7	S	5	S	3	S	5	S	4	SE	6
9	S	9	S	9	S	8	S	8	S	7	S	5	S	6	S	7	S	6	SE	6	SE	5	SE	6	S	7	S	7	S	5
10	S	4	S	2	Calma	1	Calma	0	Calma	1	Calma	1	Calma	0	Calma	0	E	2	SE	4	SE	7	SE	3	SE	4	E	6	NE	9
11	SE	4	SE	4	SE	6	S	5	S	5	S	4	SE	6	SE	5	S	3	S	5	SE	5	SE	6	SE	4	S	5	S	7
12	SW	6	SW	4	SW	4	SW	6	SW	3	SW	6	SW	4	SW	3	S	3	S	3	S	2	SW	3	W	5	W	5	NW	7
13	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	NW	21	NW	20	NW	17	NW	14
14	W	8	W	10	W	10	W	8	W	8	SW	11	W	8	W	9	SW	11	SW	16	SW	15	SW	18	SW	16	SW	13	SW	10
15	W	4	W	2	W	4	NW	3	NW	3	NW	4	NW	5	NW	8	NW	11	NW	12	NW	15	NW	23	NW	22	NW	16	NW	18
16	NW	11	NW	10	NW	8	NW	10	NW	8	NW	8	NW	10	NW	11	N	11	NW	13	NW	16	NW	11	NW	10	NW	14	NW	14
17	N	6	N	6	N	7	N	7	N	6	N	7	NE	6	NE	10	N	11	N	16	N	16	N	17	N	17	N	16	N	16
18	NE	15	NE	15	NE	13	N	11	N	8	N	8	N	9	N	7	N	8	N	10	N	12	NW	10	NW	9	NW	10	NW	10
19	Calma	1	NE	2	NE	3	NE	2	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–
20	N	22	N	21	N	19	N	16	NE	11	NE	10	NE	10	NE	10	NE	18	N	18	N	18	N	18	N	20	N	23	N	20
21	N	16	N	11	N	8	NE	11	N	16	NW	13	NW	17	W	20	SW	31	SW	29	S	21	SW	20	SW	22	SW	17	SW	17
22	SW	8	SW	7	SW	4	SW	4	SW	4	SW	2	NE	2	Calma	1	NE	2	NE	5	NE	8	NE	12	NE	15	NE	13	E	9
23	SE	5	SE	5	SE	6	SE	6	SE	7	SE	5	SE	8	E	12	E	15	SE	13	SE	14	SE	9	E	6	SE	9	SE	9
24	SE	10	SE	10	SE	10	SE	12	SE	16	SE	16	SE	16	SE	20	SE	18	SE	13	SE	15	SE	16	SE	17	SE	17	SE	17
25	S	4	S	7	S	8	S	5	S	5	S	4	S	4	S	4	SE	4	E	6	E	3	Calma	1	NE	3	Calma	1	NW	5
26	NE	4	N	7	NE	3	SE	2	Calma	0	Calma	1	Calma	1	SW	2	Calma	1	Calma	1	W	2	SE	2	E	3	E	8	NE	7
27	NE	12	NE	9	NE	9	NE	10	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	E	8	E	5	E	6
28	E	6	NE	8	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	–
29	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	NE	8	N	10	NW	8	SW	5	SW	3	SW	6
30	S	9	S	6	S	5	S	7	S	6	S	5	S	6	S	6	S	7	S	8	S	3	S	10	S	10	S	7	S	8
31																														
DIRECCIÓN PREVALENTE	NE		N-NE-S		NE		NE-S		NE-S		NE-S		NE		NE		N-NE		N		N		N-SE -NW		N		N		NW	
NUMERO DE HORAS	7		6		8		6		5		5		7		7		6		7		8		6		6		7		7	
PROM. HOR. DE LA VELOCIDAD		9		8		8		8		7		7		8		8		10		11		11		12		12		11		11

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
NE	11	NE	8	NE	7	NE	10	NE	11	NE	12	NE	11	NE	10	NE	11	N	10	9	12	N	15.24
NE	17	NE	12	NE	10	NE	13	NE	13	NE	11	NE	9	NE	13	NE	10	NE	19	16	28	N	10.52
N	6	N	4	NE	4	E	4	NE	5	NE	7	NE	9	NE	12	NE	17	NE	12	10	17	N	11.16
SW	6	NW	2	Calma	1	S	2	Calma	1	SE	2	S	2	SE	2	SE	4	NW	9	6	13	N	1.12
NE	8	NE	6	NE	6	NE	6	NE	9	NE	8	NE	8	NE	10	NE	12	NE	16	8	9	NE	23.40
E	14	E	13	E	10	E	11	NE	15	NE	12	NE	9	NE	11	NE	15	NE	19	12	19	NE	12.08
SW	9	N	4	SW	7	SW	5	S	4	S	4	S	5	S	6	S	10	N NE	8	13	21	N	9.24
SE	2	SW	6	SW	4	SW	7	SW	4	SW	5	SW	5	SW	6	SW	8	S	14	6	13	S	9.41
S	4	S	4	S	8	S	7	S	2	S	3	S	5	S	2	S	2	S	21	6	15	S	0.36
SE	6	Calma	1	Calma	1	SE	3	SE	2	SE	3	SE	3	SE	4	SE	5	SE	10	3	7	E	14.12
S	4	S	3	S	3	SW	2	Calma	0	Calma	0	SW	5	SW	6	SW	4	S	10	4	7	S	14.08
NW	9	N	8	N	6	NW	8	NW	6	NW	8	N	14	s/R	-	s/R	-	SW	9	5	16	NW	23.48
NW	12	W	9	W	7	W	8	W	7	SW	10	SW	10	W	8	W	8	W	6	12	29	NW	10.34
SW	10	SW	9	SW	5	W	3	W	6	W	5	W	5	W	8	W	6	W	13	9	28	SW	11.36
NW	12	NW	10	NW	8	N	8	N	6	NW	7	N	11	NW	11	NW	8	NW	18	10	27	NW	12.00
NE	12	NW	6	NE	7	NE	7	NE	4	NE	6	NE	6	NE	6	NE	6	NW	16	9	17	NW	10.01
N	12	NE	9	NE	13	NE	13	NE	13	NE	17	NE	15	NE	15	NE	13	N	14	12	16	N	11.36 14.57
N	10	NW	3	N	4	N	2	N	2	Calma	1	Calma	1	NE	2	Calma	0	N	12	8	13	N	0.56
s/R	-	NE	11	NE	14	NE	12	NE	15	NE	18	NE	20	NE	22	NE	23	NE	11	6	21	N	23.12
N	18	N	17	N	12	N	12	N	12	N	11	NE	11	N	15	N	18	N	18	16	26	N	12.21
SW	13	SW	9	SW	12	SW	10	SW	10	SW	12	SW	11	SW	9	SW	7	SW	15	15	56	SW	8.14
E	9	E	5	E	3	E	4	SE	3	W	2	S	3	S	4	S	4	NE	7	5	15	NE	12.04
SE	7	SE	9	SE	12	SE	12	SE	9	SE	9	SE	12	SE	10	SE	10	SE	21	9	24	E	8.00
SE	16	SE	17	SE	15	SE	13	SE	10	SE	8	SE	8	S	5	S	7	SE	22	13	28	SE	7.20
NE	4	NE	5	Calma	1	E	3	E	2	NE	2	N	3	NE	5	Calma	1	S	8	4	9	S	2.28
E	7	E	5	E	5	E	5	NE	8	E	5	Calma	1	E	3	E	6	E	9	4	5	NE E	2.04 15.28
E	5	E	5	E	6	SE	5	E	10	NE	10	E	9	E	6	NE	6	E	9	8	13	NE	0.22
S	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	-	30	N	10.22
SW	6	SW	10	SW	8	SW	14	S	18	S	13	S	14	S	10	S	10	SW	7	10	23	S	19.12
S	8	S	8	S	10	S	9	S	9	S	8	S	7	S	4	S	2	S	24	7	13	S	11.02
NE		NE		NE		NE		NE		NE		NE		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
S		S		7		6		9		10		9		10		9		NE	148	9	DIRECCIÓN	DÍA	HORA
	9		8		7		8		7		8		8		8		9				NW	15	de 11.30 a 11.45
																					SW	21	de 8.15 a 8.30

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	10	84	9	91											5	45		220
2	5	106	19	267														373
3	11	122	12	112	1	4												238
4	7	55	1	14			3	8	2	4					9	64	2	147
5	1	9	16	116	1	2	2	4	4	12								143
6			19	226	5	63												289
7	8	141	8	112					5	29	2	12			1	9		303
8							2	8	14	84	8	45						137
9							3	17	21	121								138
10			2	15	2	8	10	38	2	6							8	72
11							8	40	10	43	4	17					2	100
12	3	28							3	8	9	39	2	10	5	36		121
13											2	20	6	47	5	84		151
14											11	134	13	94				228
15	3	25											3	10	18	196		231
16	1	11	7	42											16	170		223
17	14	160	10	124														284
18	12	91	4	45											5	42	2	180
19			11	142													1	143
20	18	310	6	70														380
21	4	51	1	11					1	21	15	229	1	20	2	30		362
22			7	57	5	29	1	3	3	11	6	29	1	2			1	132
23					3	33	21	185										218
24							22	309	2	12								321
25	1	3	5	19	4	14	1	4	8	41					1	5	4	90
26	1	7	4	22	9	47	2	4			1	2	1	2			6	89
27			6	56	9	65												121
28																		-
29	1	10	1	8					5	65	7	52			1	8		143
30									24	168								168
31																		
SUMAS	100	1213	148	1549	39	265	76	620	104	625	65	579	27	185	68	689	26	5745
% PREVAL POR VELOCIDAD	21.1		27.0		4.6		10.8		10.9		10.1		3.2		12.0		0.3	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	12		10		7		8		6		9		7		10		1	213

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	7		3	6	2	2	2	1
1 - 2	6	6		3	6	2	2	2	
2 - 3	4	8		3	5	2	2	2	1
3 - 4	4	6		3	6	2	1	4	1
4 - 5	3	5		3	5	2	1	4	2
5 - 6	4	5		3	5	3		3	2
6 - 7	3	7	1	3	4	1	1	3	2
7 - 8	3	7	1	2	4	2	2	2	2
8 - 9	6	6	2	2	5	2		1	1
9 - 10	7	5	1	4	4	2		2	1
10 - 11	8	3	1	5	4	1	1	3	
11 - 12	6	3		6	2	3		6	1
12 - 13	6	4	3	3	3	3	1	5	
13 - 14	7	2	3	2	4	3	1	5	1
14 - 15	6	3	3	3	3	3		7	
15 - 16	4	5	4	3	3	3		6	
16 - 17	4	6	4	2	3	4	1	4	1
17 - 18	3	7	4	2	3	5	1	1	3
18 - 19	3	6	5	4	3	5	2	1	
19 - 20	3	9	2	4	4	2	2	1	2
20 - 21	1	10	1	4	4	3	2	2	2
21 - 22	3	9	1	3	6	4	1		2
22 - 23	1	10	2	3	6	3	2	1	
23 - 24	1	9	1	3	6	3	2	1	1
SUMAS	100	148	39	76	104	65	27	68	26
% de frec. por dirección	15.3	22.7	6.0	11.6	15.9	10.0	4.1	10.4	4.0

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	31.8	15.2	1.35	7	3	5	
	10	39.3	19.6	1.59	6	5	5	
1	12	41.5	23.0	1.50	7	4	5	
	14	35.5	21.5	1.14	5	2	5	
	15	37.0	21.7	1.24	3	5	5	
	9	31.0	15.8	1.24	10	2	5	
	10	36.4	19.6	1.36	10	2	5	
2	12	38.4	22.5	1.29	10	2	5	
	14	37.3	22.5	1.20	9	2	5	
	15	39.4	23.2	1.32	7	4	5	
	9	25.5	14.8	0.87	10	2	5	Js.
	10	33.5	13.7	1.61	10	2	5	Js.
3	12	42.4	23.3	1.55	10	4	5	Js.
	14	41.5	23.9	1.43	10	4	5	Js.
	15	22.6	20.6	0.16	10	4	5	Js.
	9	20.3	14.0	0.51	10	2	5	
	10	33.4	13.6	1.61	10	2	5	Js.
4	12	42.2	23.5	1.52	10	4	5	Js.
	14	39.8	24.5	1.24	10	4	5	Js.
	15	33.4	22.4	0.89	10	2	5	Js.
	9	19.2	15.3	0.32	10	0	4	
	10	22.2	12.1	0.82	10	0	4	
5	12	30.7	20.7	0.81	10	2	5	
	14	21.7	19.2	0.20	10	0	5	
	15	21.4	20.0	0.11	10	0	5	
	9	20.5	15.3	0.42	9	1	5	
	10	30.5	18.8	0.95	9	1	5	
6	12	23.5	18.8	0.38	10	0	5	
	14	23.3	18.7	0.37	10	0	5	
	15	32.0	21.5	0.85	10	2	5	
	9	31.6	22.0	0.78	7	1	5	
	10	28.9	22.0	0.56	9	0	5	
7	12	42.3	27.6	1.20	7	4	5	
	14	41.9	28.0	1.13	9	3	5	
	15	25.9	24.0	0.15	10	0	4	
	9	15.5	14.5	0.08	10	0	3	Ne.
	10	14.8	14.6	0.01	10	0	2	
8	12	15.2	14.6	0.05	10	0	5	
	14	20.6	16.6	0.32	10	0	5	
	15	20.3	16.5	0.31	10	0	3	
	9	26.6	12.6	1.14	1	5	5	
	10	35.5	16.6	1.54	2	5	5	
9	12	33.1	18.1	1.22	6	4	5	
	14	23.9	15.8	0.65	9	0	5	
	15	17.4	14.2	0.26	10	0	5	
	9	27.5	10.4	1.39	0	5	3	Ne.
	10	32.0	18.5	1.10	0	5	3	B.
10	12	33.6	15.6	1.46	0	5	3	B.
	14	34.7	16.8	1.46	1	5	4	B.
	15	32.7	16.2	1.34	2	5	5	
	9	18.9	9.5	0.76	5	2	3	Ne.
	10	18.4	11.2	0.58	5	1	3	Ne.
11	12	29.3	16.1	1.07	3	4	4	
	14	34.8	15.5	1.57	2	4	5	
	15	32.1	17.5	1.19	2	5	5	
	9	23.1	10.8	1.00	0	5	5	
	10	33.3	13.5	1.61	0	5	5	
12	12	37.6	17.6	1.63	1	5	5	
	14	35.1	17.4	1.44	1	5	5	
	15	26.6	15.0	0.94	4	5	5	
	9	23.0	13.0	0.81	9	2	5	
	10	35.2	17.0	1.48	9	5	5	
13	12	19.5	15.0	0.37	10	0	5	
	14	19.5	15.5	0.32	10	0	4	
	15	15.5	14.4	0.09	10	0	4	
	9	28.0	11.6	1.33	0	5	5	
	10	33.1	14.5	1.51	0	5	5	
14	12	38.0	18.0	1.63	2	5	5	
	14	31.8	16.4	1.25	4	5	5	
	15	31.5	15.6	1.29	3	5	5	
	9	27.8	11.4	1.33	0	5	5	
	10	33.3	14.9	1.50	0	5	5	
15	12	34.6	18.2	1.33	1	5	5	
	14	33.3	18.1	1.24	1	5	5	
	15	33.5	18.1	1.25	0	5	5	
	9	28.3	13.2	1.23	0	5	4	Ne.
	10	33.5	16.0	1.42	0	5	4	B.
16	12	37.7	19.9	1.45	0	5	5	
	14	37.0	20.6	1.33	2	4	5	Js.
	15	33.7	19.8	1.13	3	4	5	Js.
	9	29.1	12.9	1.32	3	4	5	Js.
	10	34.8	16.4	1.50	3	4	5	Js.
17	12	39.6	19.8	1.61	2	4	5	Js.
	14	38.4	20.8	1.43	4	4	5	Js.
	15	26.5	16.3	0.83	5	3	5	Js.
	9	22.3	11.6	0.87	3	3	5	
	10	37.5	17.6	1.62	3	5	5	
18	12	35.7	19.8	1.29	2	3	5	
	14	37.9	21.4	1.34	2	5	5	
	15	29.1	19.5	0.78	5	0	5	
	9	17.3	14.7	0.21	10	0	4	
	10	24.0	17.2	0.55	9	1	4	Ne.
19	12	35.7	21.7	1.14	9	1	5	
	14	27.3	20.5	0.55	8	1	4	
	15	22.5	20.2	0.19	10	0	3	
	9	26.5	19.5	0.57	5	1	5	
	10	23.7	19.5	0.34	9	0	5	
20	12	29.1	25.5	0.29	6	0	5	
	14	36.2	25.2	0.89	8	1	5	B.
	15	29.7	24.0	0.46	9	1	5	Js.
	9	13.7	12.7	0.08	10	0	5	
	10	17.5	13.3	0.34	10	0	5	
21	12	37.0	19.1	1.46	2	5	5	
	14	33.0	17.7	1.24	5	5	5	
	15	16.5	13.0	0.28	7	0	5	
	9	26.1	8.5	1.43	0	5	4	B.
	10	31.2	13.3	1.46	2	4	4	B.,Js.
22	12	35.3	16.3	1.54	2	4	4	B.,Js.
	14	33.7	16.7	1.38	1	5	5	
	15	31.0	15.0	1.30	1	4	5	Js.
	9				10	0	5	
	10				10	0	5	
23	12				10	0	4	
	14				10	0	3	
	15				10	0	3	Z.
	9				10	0	4	Z.
	10				10	0	3	Z.
24	12	15.0	11.0	0.32	10	0	5	
	14	13.5	12.0	0.12	10	0	5	
	15	13.5	12.0	0.12	10	0	5	
	9	12.0	9.7	0.19	10	0	1	
	10	12.2	10.0	0.18	10	0	0	
25	12	14.7	12.8	0.15	10	0	1	
	14	12.4	11.5	0.07	10	0	1	
	15	12.0	11.2	0.06	10	0	1	
	9	12.7	11.7	0.08	10	0	2	N.
	10	25.5	14.4	0.90	9	3	4	
26	12	14.0	12.5	0.12	10	0	4	
	14				10	0	1	Z.,N.
	15				10	0	1	Z.,N.
	9	13.8	13.0	0.06	10	0	2	N.
	10	15.6	13.8	0.15	10	0	3	
27	12	22.2	16.5	0.46	10	0	4	
	14	17.7	15.5	0.18	10	0	4	
	15	15.6	14.5	0.09	10	0	4	
	9	22.0	18.8	0.26	9	0	4	
	10	27.5	21.0	0.53	7	3	5	
28	12	46.5	28.4	1.47	6	5	5	
	14	37.9	26.6	0.92	9	3	5	
	15	22.6	20.5	0.17	10	0	5	
	9	25.9	19.2	0.54	9	2	3	
	10	21.6	18.3	0.27	10	0	3	
29	12	20.9	18.7	0.18	10	0	4	Ne.
	14				10	0	3	Ne.
	15				10	0	3	LL.
	9	14.9	9.0	0.48	8	2	5	
	10	12.6	9.5	0.25	10	0	5	
30	12	22.3	13.4	0.72	10	0	5	
	14	16.0	12.9	0.25	10	0	5	
	15	14.4	12.5	0.15	10	0	5	
	9							
	10							
31	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1				1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.3			8.1	10.0	81
2				0.5	1.0	0.6	0.5	1.0	0.9	1.0	0.9				6.4	9.9	65
3					0.5	1.0	1.0	1.0	1.0	0.3					4.8	9.9	48
4					0.6	1.0	1.0	1.0	0.9	0.7	0.3				5.5	9.9	56
5							0.2	0.4							0.6	9.9	06
6					0.2	0.6		0.2	0.3	0.9					2.2	9.9	22
7				1.0	1.0	0.8	1.0	1.0	1.0	0.4					6.2	9.8	63
8										0.4					0.4	9.8	04
9				0.9	1.0	1.0	1.0	1.0	0.5						5.4	9.8	55
10				0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5				7.2	9.8	74
11					0.5	0.6	0.9	0.6	1.0	1.0	1.0	0.2			5.8	9.8	59
12			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1			8.1	9.8	83
13				0.4	0.8	0.6		0.1							1.9	9.8	19
14			0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.3	9.8	85
15			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
16				0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1			8.0	9.8	82
17				1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1				7.1	9.8	72
18			0.4	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.2	0.3			7.4	9.8	76
19					0.1	0.6	0.9	1.0	0.2						2.8	9.8	29
20				0.8	1.0	0.7	1.0	1.0	1.0	0.8					6.3	9.8	64
21						0.1	1.0	1.0	0.8	0.6	0.1				3.6	9.8	37
22			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2			8.5	9.8	87
23															0.0	9.8	00
24															0.0	9.8	00
25															0.0	9.8	00
26						0.2									0.2	9.8	00
27							0.2								0.2	9.8	00
28				0.1	0.4	1.0	1.0	0.6	0.8	0.2					4.1	9.8	42
29															0.0	9.8	00
30			0.5	1.0	0.2			0.5							2.2	9.8	22
31																	
Medias			0.1	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.1			4.3	9.8	44

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	10.8	15.9	13.7	10.9	13.9	13.2	11.3	12.8	12.1	12.2	12.2	12.0	14.4	14.4	14.4
2	11.6	16.4	15.3	11.5	14.2	14.3	11.7	12.2	13.0	12.5	12.5	12.9	14.6	14.6	14.6
3	12.2	17.2	15.0	12.0	14.7	14.4	12.1	12.5	13.2	12.8	12.7	13.1	14.7	14.8	14.7
4	13.4	17.8	15.6	12.9	15.3	15.1	12.5	13.0	13.8	13.1	13.1	13.6	14.9	15.0	15.1
5	13.9	16.8	15.9	13.3	15.1	15.0	12.9	13.1	13.7	13.5	13.2	13.6	15.3	15.3	15.2
6	13.7	16.5	15.7	13.3	14.9	14.6	13.1	13.2	13.2	13.6	13.5	13.5	15.4	15.4	15.4
7	16.5	20.4	19.6	14.5	17.8	18.0	14.0	14.8	15.6	14.1	14.4	15.0	15.6	15.8	16.0
8	17.0	16.9	16.9	16.2	16.1	16.1	15.3	15.1	15.0	15.4	15.3	15.2	16.5	16.5	16.6
9	13.6	16.6	14.5	13.9	15.3	14.4	14.1	14.0	14.1	14.9	14.6	14.5	16.5	16.4	16.3
10	9.8	13.9	11.4	9.9	12.7	11.9	12.4	12.2	12.2	13.7	13.3	13.2	16.0	15.8	15.4
11	10.8	14.2	12.2	10.9	12.7	12.3	10.4	11.7	12.0	12.6	12.5	12.6	15.1	15.0	14.8
12	8.6	13.6	11.6	9.3	12.1	11.8	10.7	11.0	11.6	12.1	11.8	12.2	14.6	14.6	14.4
13	10.1	12.9	12.6	10.2	11.8	11.9	10.6	10.8	11.2	11.8	11.6	11.7	14.2	14.2	14.1
14	9.3	13.4	11.1	9.5	11.9	11.3	10.3	10.6	11.1	11.5	11.3	11.6	14.0	13.9	13.8
15	7.6	12.9	11.1	8.2	11.1	10.9	9.5	9.9	10.5	11.0	10.8	11.0	13.7	13.6	13.4
16	8.7	14.0	12.2	8.9	13.9	11.8	8.6	10.1	10.9	10.9	10.7	11.3	13.4	13.3	13.2
17	9.2	14.3	12.0	9.3	12.1	11.7	9.9	10.3	11.1	11.0	10.9	11.4	13.3	13.3	13.3
18	9.0	14.4	12.7	9.1	12.7	12.3	9.9	10.4	10.3	11.0	10.9	10.3	13.4	13.3	13.3
19	11.2	15.8	15.4	10.7	13.6	14.0	10.5	11.2	12.1	11.3	11.4	11.8	13.4	13.4	13.6
20	14.6	18.1	17.0	13.5	16.0	15.9	12.2	13.0	13.9	12.1	12.6	13.2	13.9	14.2	14.3
21	16.1	15.8	13.0	15.1	15.1	13.4	13.6	13.6	13.3	13.5	13.6	13.5	14.8	14.9	14.9
22	7.8	12.7	10.0	9.0	11.3	10.5	10.8	10.7	10.9	12.2	11.8	11.7	14.6	14.4	14.1
23	9.4	10.8	11.0	9.4	10.2	10.4	9.9	9.8	10.0	11.1	10.9	10.8	13.8	13.6	13.4
24	11.0	12.0	11.7	10.4	11.1	11.0	10.0	10.2	10.4	10.8	10.8	11.0	13.2	13.2	13.2
25	11.1	12.3	12.2	10.5	11.3	11.4	10.2	10.3	10.6	10.9	10.9	11.0	13.2	13.2	13.2
26	12.0	13.1	12.9	11.2	12.1	12.0	10.6	10.8	11.1	11.1	11.2	11.3	13.3	13.3	13.3
27	12.8	14.4	14.4	12.0	13.0	13.2	11.1	11.4	11.8	11.5	11.6	11.8	13.4	13.5	13.6
28	14.4	17.9	17.0	13.5	15.5	15.6	12.0	14.8	14.6	12.2	12.5	13.0	13.8	14.1	14.2
29	16.3	17.4	16.0	15.1	16.0	15.3	13.7	14.0	14.1	13.6	13.7	13.9	14.8	15.0	15.1
30	12.4	14.1	13.2	12.5	13.2	12.8	12.8	12.3	12.4	13.4	13.0	12.9	15.1	14.9	14.8
31															
Prom.	11.8	15.1	13.8	11.6	13.6	13.2	11.6	12.0	12.3	12.4	12.3	12.5	14.4	14.4	14.4

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8h	14h	20h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	0.1	1.1	0.8	2.3	I.11	19.5	19.2	25.9	20.8		8108
2					0	0.4	1.2	1.1	2.7							8109
3					0	0.4	1.0	0.5	1.8							8222
4					0	0.3	0.8	0.5	1.3							8214
5					0	0.0	0.5	0.4	1.3							8215
6					0	0.4	0.8	0.6	1.9	I.12	17.2	18.8	26.6			8214
7					1	0.5	2.0	0.2	2.3							8198
8	19.8	19.6	19.9	18.5	2	0.1	0.1	0.2	0.5							8213
9					2	0.2	0.7	0.7	1.8							8247
10					2	0.4	1.0	0.8	2.1							8262
11					1	0.3	0.5	0.7	1.6	I.13	23.0	22.0	26.1			8240
12					1	0.4	0.8	0.9	3.2							8265
13					2	1.5	1.7	0.5	2.7							8236
14	1.4	1.5	1.5	1.5	1	0.5	0.9	0.6	1.6							8274
15					1	0.1	1.1	1.0	2.6							8276
16					0	0.5	1.1	0.8	2.0	I.14	21.8	21.1	25.4			8263
17					0	0.1	1.1	1.1	3.5							8275
18					0	1.3	0.6	0.5	1.1							8265
19					0	0.0	1.0	0.5	2.5							8264
20					0	1.0	1.0	0.8	2.3							8232
21					0	0.5	1.3	1.0	2.8	I.15	20.2	20.1	24.8	21.4	15.5	8243
22					0	0.5	1.3	1.4	2.9							8332
23					2	0.2	0.4	0.3	0.9							8324
24	4.2	4.2	4.0	-	2	0.2	0.4	0.7	1.5							8311
25	1.2	1.2	1.3	1.0	2	0.4	0.2	0.0	0.3							8203
26					2	0.1	0.1	0.1	0.3							8328
27	0.9	1.2	0.8	0.8	2	0.1	0.3	0.1	0.8	I.16	22.3	21.5	27.0			8315
28	0.0	0.0	0.0	0.0	2	0.4	1.8	0.8	2.9							8298
29	16.0	15.8	15.3	12.3	2	0.3	0.3	0.1	1.4							8284
30	4.1	4.3	4.4	4.6	2	1.0	0.3	0.5	1.3							8326
31																
Prom.	47.6	47.8	47.2	38.7	-	0.4	0.9	0.6	1.9	-	-	-	-	-	-	8252

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
14.1	14.2	14.0	15.7	15.7	15.8	19.3	20.0	0.7	Ca. m. t. y n., r. m. y n., Ns. m.
14.1	14.2	14.2	15.8	15.8	15.8	19.3	20.0	4.0	Cn. m. t. y n., r. m. y n.
14.2	14.4	14.2	15.7	15.8	15.8	19.2	19.9	3.0	Cn. m. y t., Ca. n., r. m. y n., Js. t., N. n.
14.4	14.6	14.4	15.8	15.9	15.8	19.0	19.8	6.2	Cn. m. t. y n., r. m. y n., Js. t., N. n.
14.7	14.7	14.7	15.8	15.9	15.9	18.9	19.8	6.5	Cn. m. t. y n., r. m. y n., Ns. m.
14.8	14.9	14.9	15.8	15.9	15.9	18.8	19.8	7.1	Cn. m. y t., Ca. n., r. m. y n., CH. t.
15.0	15.2	15.2	15.9	16.0	16.0	18.8	19.8	13.2	Cn. m. t. y n., r. m., Ru.R.LL. t. y n.
15.5	15.6	15.7	16.0	16.0	16.1	18.7	19.8	14.4	Cn. m. t. y n., N. m., Z. m. t. y n.
15.7	15.8	15.7	16.1	16.1	16.1	18.7	19.7	6.8	Ca. m., Cn. t. y n., r. m. y n., R. t.
15.5	15.4	15.5	15.8	16.0	16.0	18.6	19.6	-3.0	Ca. m. t. y n., r. m. y n., h. m., B. t.
14.9	14.9	14.6	15.9	16.0	15.9	18.5	19.6	-1.0	Cn. m.,Ca. t. y n,Ns. m,B. t,r. m. y n, h. m.
14.5	14.4	14.2	15.7	15.9	15.7	18.5	19.6	-2.8	Ca. m. y t., Cn. n., h. m., r. m. y n.
14.1	14.1	13.9	15.7	15.7	15.7	18.5	19.5	1.7	Cn. m. y t., Ca. n., LL. t.
13.8	13.8	13.6	15.4	15.4	15.5	18.5	19.4	1.3	Ca. m. t. y n., r. m. y n.
13.5	13.5	13.3	15.2	15.3	15.4	18.5	19.4	-2.8	Ca. m. t. y n., h. m., r. m. y n., Ns. m.
13.3	13.3	13.1	15.1	15.1	15.1	18.4	19.4	-0.4	Ca. m. y t.,Cn. n.,r. m. y n,Js. t,Jl. n,h. m.
13.1	13.2	13.1	15.1	15.1	15.1	18.4	19.4	0.0	Ca. m.,Cn. t. y n.,Ne.m,Js.t,r.m.y n,Dl.Jl. n.
13.1	13.2	13.1	14.8	14.9	14.9	18.4	19.4	-0.2	Ca. m. t. y n., r. m. y n., Ns. n., h. m.
13.1	13.1	13.2	14.8	14.9	14.9	18.3	19.4	3.5	Cn. m. t. y n., r. m., B. t.
13.4	13.6	13.6	14.8	15.0	15.0	18.2	19.4	11.3	Ca. m., Cn. t. y n., r. m. y n., B. t., Jl. n.
14.0	14.2	14.1	15.1	15.1	15.1	18.1	19.3	11.1	Cn. m. t. y n., r. m.
14.1	14.1	14.3	14.7	14.9	14.8	18.0	19.1	-8.2	Ca. m. t. y n., h. m., Js. t., r.Dl. n.
13.6	13.3	13.2	14.8	14.7	14.7	18.0	19.1	-3.3	Cn. m. t. y n., r.LL. m., Z. t. y n., h. m.
13.1	13.0	13.0	14.8	14.8	14.8	17.8	19.0	8.0	Cn. m. t. y n.
13.0	13.0	12.9	14.6	14.6	14.7	17.7	19.0	7.5	Cn. m. t. y n., N. m. y t., r. m. y n.
13.0	13.0	13.0	14.6	14.7	14.7	17.8	19.0	9.5	Cn. m. t. y n., Z. m. t. y n., N. m. t. y n.
13.0	13.1	13.1	14.7	14.7	14.7	17.6	19.0	10.6	Cn. m. t. y n., N. m.
13.4	13.5	13.5	14.7	14.7	14.7	17.6	19.0	12.4	Cn. m. t. y n., B. t., r. n., Z.LL.Ru. n.
14.0	14.2	14.3	14.8	14.8	14.8	17.6	18.9	14.1	Cn. m. t. y n., N. m., Ns. t., LL.Ru. t.
14.3	14.4	14.3	14.8	14.9	14.9	17.6	18.9	3.5	Ca. m., Cn. t. y n., r. m.
14.0	14.1	14.0	15.3	15.3	15.3	18.4	19.4	4.5	

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	59.3	65.2	10	10	50.2	7	14-15	14.0	19.0	9.8	25.2	7	14	1.9	10	7	4.7	9.9	47
2ª	59.9	67.3	14	23	45.3	20	15	11.0	17.1	6.1	23.6	20	15	0.4	19	6	6.4	9.8	65
3ª	61.1	67.4	23	9	46.0	21	5	11.4	14.5	8.0	24.3	28	14	-1.9	22	7	1.9	9.8	19
MES	60.1	65.2	10	10	45.3	20	15	12.1	16.9	8.0	25.2	7	14	-1.9	22	7	4.3	9.8	44

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	85	100	1	29	10	10.1	13.0	3.2	NE	9	28	2,7	23	2 8	10-11 12-13	28	N	2	10.52	19.6	19.6	8	7.5	7	21-22
2ª	80	100	15	41	17	7.9	15.5	4.4	N	9	36	15	23	15 19 20	11-12 23-24 13-14	29	NW	13	10.34	1.5	1.5	14	1.0	13	17-18
3ª	86	100	21	36	22	8.7	14.1	3.4	SE	8	36	21	20	24	7-8	56	SW	21	8.14	26.7	15.8	29	8.5	28	20-21
MES	84	100	1,15,21	29	10	8.9	18.0	3.2	NE	9	36	15, 21	23			56	SW	21	8.14	47.8	19.6	8	8.5	28	20-21

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
	◊	∞	=	≡	≡	S	ɛ	●	,	✳	▽	▽*	△	▲	≡	⌐	⟨
1ª	-	1	-	3	2	-	-	1	1	-	1	-	-	-	-	1	2
2ª	-	3	2	-	1	-	-	1	-	-	-	-	-	-	1	-	-
3ª	-	1	1	4	-	-	-	3	3	-	-	-	-	-	-	1	-
MES	-	5	3	7	3	-	-	5	4	-	1	-	-	-	1	2	2

DÉCADA	FENOMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
	⌒	⌴	V	▼	⊠	⊕	⊖	⊙	∪	⌒	⋈	◔	◕	V	/\	/\
1ª	9	1	-	-	-	-	1	2	3	-	-	-	7	-	1	-
2ª	9	5	-	-	-	-	-	2	-	-	-	1	2	-	-	-
3ª	6	2	-	-	-	-	1	1	-	-	-	1	8	1	-	-
MES	24	8	-	-	-	-	2	5	3	-	-	2	17	1	1	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III — JULIO 1948 — Nº. 7

RESUMEN MENSUAL

Los primeros días del mes se caracterizan por tiempo tranquilo y nublado con temperaturas alrededor de los 10.0° C que es lo normal al iniciarse Julio. El 5 gira el viento hacia el N con lo que la temperatura y humedad aumentan y la presión disminuye. Se forma una espesa capa de St la que elimina por casi tres días la visión del sol. El 8 y el 9 se intensifica la corriente del N; el aire tropical reinante cubre toda la Provincia hasta el fin de la década; en el último día sin embargo disminuye un poco la temperatura.

Nuevamente el 12, al soplar firme el N, la temperatura y humedad alcanzan sus cifras máximas mensuales con 25.6° C y 16.0 mm. respectivamente; la presión baja a 744.2 mm., valor mínimo del mes. El 13 con aire más frío llueve ligeramente durante todo el día; los 9.5 mm. caídos representan la precipitación total del mes. El descenso de la temperatura continúa; el 15 se registra la mínima mensual con -3.4° C. El viento N que sopla el 16 es de nuevo desplazado el 18 por el proveniente del S. Los dos últimos días de esta década delatan contínua afluencia de aire polar con buen tiempo y temperaturas inferiores en unos 5.0° C al valor normal.

Los primeros cinco días del último decenio son de tiempo nublado con vientos variables y temperaturas levemente inferiores a la normal. Sólo después del pasaje de un frente frío, el 25 por la noche, y por la constante afluencia de aire polar se restablece el 26 el tiempo bueno y frío, registrándose hasta el 30 el único período del mes con cielo despejado. El 29 es el día de menor contenido de vapor de agua del mes; la presión registra a su vez la máxima mensual con 773.8 mm.; en este día también baja de nuevo la temperatura a su nivel mínimo. La llegada de aire marítimo aumenta el 31 la nubosidad.

El promedio mensual de la presión es de 2 mb inferior a su normal, mientras el de la temperatura mantiene su término medio con 10.0° C. La escasa heliofanía de este mes es casi normal siendo el promedio diario sólo de 0.7 horas.

077396

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	22	20	20	22	24	28	32	30	44	42	32	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	30	26	-	-	-	26	32	98	72	60	42	40	20
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	16	9	5	14	14	24	18	24	18	20	22	16	18	16	28
12	30	30	36	24	24	32	26	80	75	22	26	29	26	30	-
13	-	-	-	-	-	-	-	-	-	-	-	-	30	16	18
14	40	42	46	42	46	42	46	50	58	64	54	37	$\pm\infty$	$\pm\infty$	38
15	50	56	58	66	71	87	96	130	149	144	144	128	$\overline{130}$	$\overline{123}$	110
16	-	-	-	-	-	-	-	-	58	75	54	62	94	98	112
17	48	46	52	50	44	54	56	36	50	50	26	12	20	18	54
18	34	26	-	-	-	-	-	-	-	-	-	-	-	-	24
19	36	36	46	54	62	66	71	94	98	85	94	92	98	94	91
20	69	66	64	62	58	58	66	89	96	107	117	128	80	107	105
21	60	66	64	58	58	78	57	82	82	71	89	86	80	89	128
22	98	73	71	60	78	89	82	85	54	75	75	85	75	80	80
23	121	91	73	80	85	75	75	126	174	34	46	40	66	85	130
24	36	36	38	47	47	60	50	71	66	80	75	82	75	85	91
25	20	20	30	34	36	28	20	26	22	9	12	18	20	34	48
26	-	-	34	40	42	40	26	32	34	40	34	34	40	40	38
27	-	-	-	-	-	-	34	40	34	40	30	46	66	85	89
28	73	62	71	117	103	103	107	98	80	112	96	132	126	112	105
29	-	-	-	-	-	26	$+\infty$	101	$+\infty$	139	75	87	58	110	96
30	119	85	89	101	80	38	40	18	36	28	50	58	66	78	103
31	22	38	44	42	48	71	42	22	9	66	117	112	103	112	91
Prom.	70.0	61.3	59.3	60.2	64.7	71.0	66.8	91.2	95.0	75.3	82.7	85.5	79.0	90.0	104.2

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	-	-	-	-	-	-	-	-	0.70	0.84	1.54	0.83	0.80	0.85	1.65	0.94
2	-	-	-	-	4.39	4.13	8.52	1.07	0.56	0.56	1.12	1.00	0.45	0.62	1.07	0.72
3	-	-	-	-	6.67	6.18	12.85	1.07	0.75	0.87	1.62	0.88	0.51	0.99	1.50	0.52
4	-	-	-	-	5.46	3.23	8.69	1.67	0.15	0.26	0.42	0.62	0.31	0.35	0.66	0.88
5	9.99	16.96	26.95	1.69	5.58	5.06	10.64	1.10	1.26	1.26	2.52	1.00	0.49	0.69	1.18	0.71
6	-	-	-	-	8.50	13.50	22.00	0.63	0.91	1.10	2.01	0.83	0.65	0.43	1.08	1.51
7	-	-	-	-	8.39	15.03	23.42	0.56	0.65	0.52	1.17	1.25	0.65	0.56	1.21	1.16
8	-	-	-	-	3.66	3.87	7.53	0.94	0.62	0.56	1.18	1.11	0.32	0.30	0.62	1.07
9	-	-	-	-	-	-	-	-	0.41	0.38	0.79	1.08	0.47	0.58	1.05	0.81
10	9.20	10.18	19.38	0.90	9.68	10.09	19.77	0.95	1.03	1.40	2.43	0.74	1.30	1.07	2.37	1.21
11	3.92	5.90	9.82	0.66	3.60	4.35	7.95	0.81	0.25	0.19	0.44	1.32	0.31	0.26	0.57	1.19
12	-	-	-	-	-	-	-	-	0.39	0.63	1.02	0.62	0.42	0.48	0.90	0.88
13	-	-	-	-	-	-	-	-	1.71	1.66	3.37	1.03	0.45	0.52	0.97	0.86
14	16.08	17.86	33.94	0.90	-	-	-	-	0.65	0.70	1.35	0.93	0.59	0.72	1.31	0.82
15	3.38	4.08	7.46	0.83	5.05	4.92	9.96	1.03	0.26	0.33	0.59	0.79	0.34	0.41	0.75	0.83
16	6.54	5.18	11.72	1.26	7.63	5.83	13.46	1.31	0.32	0.42	0.74	0.76	0.57	0.51	1.08	1.12
17	-	-	-	-	12.25	12.36	24.61	0.99	0.23	0.44	0.67	0.52	0.78	1.04	1.82	0.75
18	-	-	-	-	9.41	9.82	19.23	0.95	0.35	0.32	0.67	1.09	0.54	0.65	1.19	0.83
19	9.68	6.02	15.70	1.59	8.70	7.40	16.09	1.17	0.76	0.35	1.11	2.17	0.29	0.27	0.56	1.07
20	5.42	10.22	15.63	0.53	7.62	8.09	15.72	0.94	0.20	0.19	0.39	1.05	0.38	0.34	0.72	1.12
21	7.12	7.13	14.25	1.00	3.80	2.82	6.62	1.35	0.49	0.45	0.94	1.09	0.29	0.28	0.57	1.04
22	3.66	3.90	7.56	0.92	5.77	5.65	11.42	1.03	0.24	0.26	0.50	0.92	0.45	0.43	0.88	1.05
23	5.05	3.63	8.69	1.40	5.52	4.80	10.32	1.14	0.32	0.30	0.62	1.07	0.47	0.42	0.89	1.12
24	5.37	5.51	10.88	0.97	5.72	5.86	11.58	0.97	0.28	0.33	0.61	0.85	0.52	0.57	1.09	0.91
25	7.38	11.82	19.20	0.62	9.85	9.04	18.89	1.09	0.30	0.36	0.66	0.83	0.86	1.13	1.99	0.76
26	6.18	7.57	13.75	0.81	11.76	12.75	24.50	0.93	0.47	0.54	1.01	0.87	0.65	0.74	1.39	0.88
27	8.14	5.91	14.05	1.37	10.42	11.82	22.24	0.88	0.26	0.42	0.68	0.62	0.47	0.69	1.16	0.68
28	5.56	5.76	11.32	0.96	7.37	7.49	14.85	0.98	-	-	-	-	0.58	0.71	1.29	0.82
29	8.20	9.44	17.64	0.88	6.68	5.81	12.48	1.14	0.38	0.58	0.96	0.66	0.45	0.48	0.93	0.94
30	8.29	8.77	17.06	0.95	4.90	4.85	9.75	1.00	0.51	0.69	1.20	0.74	0.55	0.68	1.23	0.81
31	4.19	4.64	8.83	0.89	2.67	2.90	5.57	0.90	0.48	0.44	0.92	1.09	0.34	0.28	0.62	1.21
Prom.	7.02	7.92	14.94	1.01	6.96	7.22	14.18	1.02	0.53	0.58	1.11	0.94	0.52	0.58	1.11	0.94

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
-	-	-	-	-	-	-	-	-		-	-	-	0*
-	30	28	38	48	18	-	-	-		107	0	107	0*
-	-	-	-	-	-	-	-	-		-	-	-	-
32	36	34	-	-	-	-	-	-		252	-14	266	1*
46	34	58	62	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	-	-	-	-	-	-	-		-	-	-	-
-	-	28	39	44	66	60	34	22		-	-	-	-
28	34	32	34	13	19	24	40	44		126	-46	172	2
-	-	-	-	-	-	-	-	-		201	-33	234	2*
26	26	18	-14	22	14	- 5	32	34		∞	-∞	-	3*
-39	62	38	30	71	66	71	71	58		167	-∞	-	3*
142	121	117	36	-	-	-	-	-		210	0	210	0*
101	112	137	110	85	85	78	66	52		176	24	152	0*
38	38	64	58	66	75	-	-	-		171	-14	185	2*
26	34	36	38	30	34	30	30	36		∞	-∞	-	2*
91	105	105	87	89	78	62	60	64	77.4	126	30	156	0
114	149	123	78	107	112	66	60	58	89.1	201	20	181	0
153	151	123	210	135	85	64	78	64	92.1	∞	26	-	0
101	107	128	144	121	91	107	98	130	91.1	242	-18	260	1
103	94	133	171	103	101	54	46	46	89.7	∞	-52	-	1
85	50	50	42	30	16	16	22	16	52.8	158	-18	176	1
56	30	24	32	36	-	-	-	-		75	-44	119	2*
48	50	9	-	-	-	-	-	-		80	-110	190	1*
87	85	78	71	43	41	80	91	82		126	9	117	0*
103	82	66	-	-	-	-	-	-		162	42	120	0*
58	38	-	-	-	-	73	85	105		∞	-77	-	2*
117	71	32	9	5	5	22	26	18		222	-39	261	2
78	40	20	30	22	18	24	22	24		153	-37	190	2
107.8	109.3	110.3	122.0	97.5	80.5	61.5	60.5	63.0	82.0				

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^-
-	-	-	-	-	920	907	1827	1.01	0.42	1.21
30	-	-	-	-	907	735	1642	1.23	1.00	1.07
30	12	-	0.65	-	796	341	1137	2.33	1.48	-
66	54	34	0.76	0.75	224	124	348	1.81	0.24	-
-	-	54	-	2.12	1161	1023	2184	1.13	1.18	0.53
-	-	-	-	-	683	301	984	2.27	2.13	0.65
-	-	-	-	-	981	490	1471	2.00	0.80	0.60
-	-	-	-	-	1075	920	1995	1.17	0.66	-
-	-	-	-	-	1039	907	1946	1.14	0.94	2.00
-	-	-	-	-	907	614	1521	1.48	1.00	1.62
30	18	26	0.26	0.49	306	115	421	2.66	1.32	-
26	24	-	0.82	-	737	-	737	-	2.25	-
-	-	26	-	0.84	1222	796	2018	1.54	0.97	0.69
54	52	-71	2.34	-3.10	1136	1224	2360	0.93	0.48	0.64
142	112	126	2.20	3.15	245	509	754	0.48	-	0.34
56	58	94	1.43	3.38	1136	1161	2297	0.98	-	1.35
7	9	38	0.20	2.30	1165	398	1563	2.93	1.70	-
-14	- 5	32	-0.11	1.27	740	735	1475	1.01	1.73	2.68
85	94	98	3.48	1.83	1224	1306	2530	0.94	0.64	0.98
114	135	117	1.76	2.81	1823	1345	3168	1.36	1.21	0.43
89	87	146	2.73	2.77	675	964	1639	0.70	0.31	1.51
80	82	96	1.37	2.82	509	306	815	1.66	0.70	1.32
32	40	85	0.83	2.52	245	283	528	0.86	-	2.54
66	82	89	1.67	3.23	394	368	762	1.07	-	-
20	18	56	0.40	3.71	124	168	292	0.74	-	-
30	30	48	1.01	2.22	1589	1406	2995	1.13	0.46	-
32	40	89	0.91	3.44	1044	964	2008	1.08	-	-
103	126	105	-	4.52	1023	1100	2123	0.93	0.54	0.89
85	89	60	2.85	1.86	1285	1136	2421	1.13	0.46	0.32
56	50	114	2.00	4.67	1190	1161	2351	1.02	1.07	1.01
117	121	58	3.71	1.20	306	283	589	1.08	-	1.26
58	60	69	1.49	2.22	864	736	1577	1.33	0.90	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	63.5	63.2	62.9	62.9	63.1	63.0	63.2	63.0	63.5	63.6	63.1	62.7	62.3	62.0	61.7
2	63.0	63.0	63.0	62.9	62.8	62.8	62.9	63.2	63.3	63.7	63.7	63.0	62.8	62.4	62.0
3	61.4	60.9	60.9	60.9	60.8	60.9	61.3	61.6	61.9	62.0	61.9	61.9	61.6	61.4	61.6
4	65.0	65.5	65.5	65.6	65.6	65.9	66.5	66.9	67.0	67.1	66.7	66.2	65.4	64.8	64.5
5	63.0	62.6	62.6	62.3	61.7	61.8	61.9	61.8	61.6	61.5	60.8	59.9	59.3	59.1	58.4
6	58.1	58.5	58.7	58.4	58.3	58.4	58.8	59.6	60.0	60.2	60.1	59.5	59.0	58.8	58.8
7	60.6	60.7	60.7	60.6	60.5	61.3	62.1	62.6	63.1	63.1	63.0	62.9	62.6	62.6	62.3
8	63.3	63.2	63.0	62.8	62.8	62.9	63.0	63.5	63.5	63.6	63.0	62.3	61.5	60.7	60.1
9	58.2	58.0	57.7	57.1	56.7	56.4	56.4	56.4	56.2	56.2	55.6	54.6	53.5	52.8	52.7
10	51.1	51.2	51.3	51.4	51.7	51.6	51.7	52.2	52.5	52.6	52.5	52.4	52.4	52.4	52.2
11	52.4	53.6	54.2	53.9	53.4	53.7	54.2	54.1	54.2	54.4	54.2	54.1	53.7	53.7	53.6
12	51.3	50.3	49.4	49.0	48.1	47.9	47.5	46.8	46.7	46.5	46.2	45.8	44.7	44.6	44.2
13	47.0	46.2	45.3	46.7	46.7	46.7	46.0	45.6	47.5	47.4	47.3	47.1	47.0	47.4	47.7
14	53.5	53.6	53.6	53.6	53.7	54.5	54.9	55.9	56.5	57.5	58.0	58.1	58.2	58.6	59.3
15	64.1	64.3	64.4	64.7	64.8	65.4	66.3	66.2	66.6	66.7	66.0	65.4	65.1	64.8	64.2
16	63.9	63.8	63.7	63.2	63.6	63.9	64.1	64.0	64.0	64.5	63.9	62.9	61.7	61.0	60.6
17	57.1	56.4	56.3	55.6	55.1	54.4	54.5	54.4	54.0	53.8	53.5	52.4	51.2	50.5	50.2
18	50.6	50.6	50.7	49.9	49.7	49.0	49.8	50.2	51.6	51.1	51.3	49.4	50.0	51.2	51.5
19	57.4	57.5	57.8	58.1	58.4	58.3	59.4	59.7	60.4	60.6	60.9	60.3	60.0	60.1	60.3
20	64.4	64.6	65.0	64.5	64.4	64.3	64.7	64.9	64.9	64.9	64.9	64.5	63.5	63.0	62.7
21	60.7	59.9	59.9	59.4	60.0	60.1	60.4	60.8	61.3	61.1	60.9	59.6	58.5	58.0	57.9
22	58.3	58.3	58.4	58.5	58.4	58.5	59.2	59.7	60.1	60.3	60.3	59.8	59.9	60.0	59.9
23	62.5	62.5	62.6	62.5	62.4	62.2	62.1	62.6	62.5	62.8	62.2	61.7	60.7	59.6	59.0
24	56.2	56.0	55.4	54.7	54.3	53.6	54.7	54.6	54.7	54.4	53.7	52.0	51.6	50.6	49.9
25	49.8	49.8	49.6	49.6	49.3	49.9	50.4	50.9	51.5	52.0	52.5	52.6	51.6	51.6	52.1
26	56.3	56.3	56.2	56.2	56.3	57.0	57.9	58.8	59.3	60.1	60.1	59.8	60.0	60.6	60.7
27	65.1	65.3	65.8	66.0	66.1	66.7	67.4	67.9	68.1	68.5	68.7	68.5	68.1	68.0	68.2
28	70.8	70.8	70.9	70.8	71.0	71.3	71.9	72.4	72.7	73.2	73.2	72.9	72.4	72.1	71.8
29	73.4	73.2	73.2	73.3	73.2	73.3	73.8	73.8	73.8	74.0	74.0	73.2	72.8	72.2	71.8
30	71.5	71.0	70.6	70.4	70.4	70.5	70.5	70.5	70.5	70.5	69.9	68.9	68.0	67.3	66.9
31	65.6	65.0	64.3	64.1	63.7	63.7	63.9	63.6	63.7	63.7	63.1	62.5	61.6	61.4	60.6
Prom	60.0	60.0	60.0	59.7	59.6	59.7	60.0	60.3	60.6	60.7	60.5	60.0	59.4	59.1	59.0

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	8.7	8.0	7.8	7.5	7.6	7.9	8.4	9.3	10.7	11.0	11.8	12.3	12.4	12.6
2	7.3	6.5	5.9	5.8	5.5	5.2	5.0	4.7	7.1	9.5	11.8	13.6	14.9	16.0	16.4
3	9.5	9.5	9.7	9.1	8.5	8.6	9.2	9.9	10.6	11.7	13.0	13.1	13.5	13.8	13.8
4	6.6	6.0	6.2	6.2	6.3	5.5	4.9	4.8	5.6	7.7	10.5	12.9	13.6	13.8	14.4
5	11.8	11.9	11.8	11.9	11.8	11.7	11.9	12.0	12.3	12.7	14.2	15.3	15.3	15.0	14.8
6	12.5	12.4	12.5	12.6	12.5	12.6	12.4	11.9	11.9	12.0	12.1	12.1	12.6	12.9	13.0
7	11.6	11.5	11.6	11.7	11.9	12.1	12.1	12.4	12.5	12.7	12.9	13.0	13.4	13.4	13.4
8	13.5	13.5	13.5	13.5	13.5	13.6	13.6	14.0	14.5	15.7	18.9	20.8	21.9	22.1	22.3
9	15.9	15.7	15.9	15.6	15.6	15.8	15.8	16.4	16.9	17.8	18.7	20.2	22.2	23.1	22.7
10	18.6	17.9	16.8	16.7	16.5	15.7	15.4	14.8	15.9	17.3	18.7	19.5	19.6	20.0	19.7
11	10.4	10.5	10.8	10.7	10.6	10.9	11.0	11.1	11.6	12.5	13.6	13.7	14.1	14.2	14.1
12	12.8	13.3	14.3	14.7	15.4	15.8	15.9	16.2	18.7	21.0	22.9	23.7	24.7	25.1	25.1
13	16.2	16.2	15.6	14.6	12.3	11.7	11.6	12.2	10.5	10.3	10.6	11.3	11.1	10.6	10.6
14	8.0	7.6	7.2	6.5	5.9	5.2	5.2	5.4	5.4	6.0	6.2	6.4	7.0	7.4	7.2
15	1.2	0.8	0.2	0.1	0.1	-1.0	-1.3	-0.6	2.6	7.0	7.9	8.8	8.6	8.5	8.4
16	5.4	4.6	4.7	4.9	4.9	4.8	4.8	5.9	8.0	8.2	8.4	10.3	10.5	10.8	11.0
17	8.6	8.4	8.5	9.0	9.4	9.5	9.6	10.6	11.5	12.4	12.4	12.2	12.4	12.6	12.9
18	8.9	8.9	9.0	9.4	9.3	9.0	9.1	9.2	9.3	9.4	10.0	10.5	11.2	11.2	11.0
19	7.2	6.5	6.2	4.7	4.0	3.9	2.6	3.0	4.6	6.3	7.6	8.7	9.5	10.4	10.2
20	5.5	5.0	4.1	3.6	3.3	2.5	2.6	2.8	4.3	6.9	8.8	10.0	10.5	11.2	11.0
21	4.2	4.4	4.4	3.8	4.0	4.1	4.2	5.0	5.8	8.4	11.1	12.9	13.4	14.3	13.9
22	7.5	6.7	6.3	5.1	4.9	4.7	4.3	3.5	6.0	9.3	10.7	12.1	13.0	14.3	14.3
23	4.4	2.5	1.2	0.7	0.8	0.3	0.1	0.0	2.7	6.0	11.0	11.7	12.8	13.3	13.5
24	8.1	7.9	6.4	5.9	5.9	6.0	5.9	5.5	6.8	7.4	8.5	9.5	11.1	11.6	12.0
25	8.6	8.5	8.6	8.6	8.7	8.7	8.8	8.6	8.7	8.9	9.6	10.2	10.6	11.9	12.3
26	4.0	3.0	2.7	3.9	4.0	3.0	2.3	4.1	6.2	8.1	9.5	10.2	11.1	11.6	11.2
27	1.7	1.4	1.0	0.9	0.5	-0.8	-0.7	1.2	3.6	6.6	8.6	10.0	10.7	11.3	11.3
28	1.2	0.7	1.0	1.2	0.6	1.0	1.0	2.6	5.1	7.7	9.6	11.1	12.0	12.4	12.5
29	1.1	0.4	-0.5	-0.7	-0.8	0.2	0.1	1.0	6.9	10.5	10.9	11.7	11.6	11.5	10.8
30	-1.4	-2.1	-0.9	0.3	-0.6	-1.5	-0.6	4.2	6.8	7.8	8.6	9.7	11.0	11.2	11.8
31	9.1	9.1	9.2	9.2	9.3	9.4	9.4	9.8	9.9	11.1	12.0	12.6	13.6	13.6	13.5
Prom	8.1	7.7	7.5	7.4	7.2	7.1	7.0	7.5	8.8	10.3	11.6	12.6	13.2	13.6	13.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
61.7	61.9	62.4	62.3	62.5	62.6	62.7	62.7	62.8	63.6	10	61.7	15-16	1.9	762.7 mm.	1016.9 mb.
62.1	62.0	62.2	62.3	62.0	62.2	62.0	61.8	61.5	63.7	10-11	61.5	24	2.2	62.6	1016.8
61.7	62.2	62.6	63.4	63.8	63.9	64.4	64.6	64.9	64.9	24	60.8	5	4.1	62.2	1016.2
64.5	64.4	64.2	64.2	63.6	63.4	63.4	63.4	63.4	67.1	10	63.4	21-24	3.7	65.1	1020.1
57.9	57.9	58.0	58.2	58.8	58.8	58.8	58.7	58.5	63.0	1	57.9	16-17	5.1	60.2	1013.6
59.2	59.3	59.3	59.8	60.0	60.0	60.5	60.1	60.4	60.5	22	58.1	1	2.4	59.3	1012.4
62.3	62.3	62.6	62.8	62.8	63.0	63.4	63.5	63.5	63.5	23-24	60.5	5	3.0	62.3	1016.4
59.8	59.9	59.8	59.2	59.1	58.8	58.8	58.8	58.7	63.6	10	58.7	24	4.9	61.3	1015.0
52.5	52.5	52.5	52.0	51.9	52.4	51.8	51.6	51.6	58.2	1	51.6	23-24	6.6	54.5	1006.0
52.2	52.0	52.8	53.1	53.4	53.5	53.5	54.3	53.5	54.3	23	51.1	1	3.2	52.4	1003.2
53.2	53.2	53.2	53.2	53.3	53.1	53.0	52.2	51.6	54.4	10	51.6	24	2.8	53.5	1004.6
44.2	44.7	45.1	46.1	46.6	47.2	47.4	47.1	47.2	51.3	1	44.2	15-16	7.1	46.9	995.8
48.8	49.5	50.3	51.2	51.8	51.7	52.1	52.7	53.0	53.0	24	45.3	3	7.7	48.4	997.8
60.2	61.0	61.2	62.1	62.6	62.9	63.4	63.6	63.9	63.9	24	53.5	1	10.4	58.4	1011.2
64.4	64.4	64.3	64.3	64.1	63.8	63.8	64.0	64.1	66.7	10	63.8	21-22	2.9	64.8	1019.7
60.4	59.6	59.6	59.6	59.3	59.0	58.2	58.1	57.8	64.5	10	57.8	24	6.7	61.7	1015.6
50.1	50.1	50.0	50.3	50.9	50.8	50.3	49.7	50.5	57.1	1	49.7	23	7.4	52.6	1003.4
51.8	53.1	53.6	54.2	54.8	55.5	55.9	56.6	56.9	56.9	24	49.0	6	7.9	52.0	1002.6
61.1	61.6	62.2	62.9	63.4	63.7	64.3	64.5	64.4	64.5	23	57.4	1	7.1	60.7	1014.2
62.6	62.2	62.1	61.9	61.6	61.1	61.0	61.1	61.3	65.0	3	61.0	22	4.0	63.3	1017.7
57.6	57.5	57.9	57.9	58.0	57.9	58.1	58.1	58.2	61.3	9	57.5	17	3.8	59.2	1012.1
59.9	60.1	60.6	61.1	61.6	62.0	62.3	62.0	62.0	62.3	22	58.3	1-2	4.0	60.0	1013.3
58.8	58.1	58.5	58.2	57.4	57.2	57.3	57.1	56.3	62.8	10	56.3	24	6.5	60.3	1013.7
49.0	48.6	49.0	48.9	49.1	49.5	49.3	49.4	49.8	56.2	1	48.6	17	7.6	52.0	1002.6
52.5	53.2	53.7	54.7	55.2	55.7	55.9	56.1	56.0	56.1	23	49.3	5	6.8	52.3	1003.0
61.2	61.6	62.1	63.0	63.5	63.6	64.0	64.3	64.8	64.8	24	56.2	3-4	8.6	60.2	1013.6
68.4	68.7	69.1	69.8	70.0	70.4	70.5	70.7	70.8	70.8	24	65.1	1	5.7	68.2	1024.2
71.8	72.0	72.2	72.6	73.0	73.1	73.1	73.2	73.5	73.5	24	70.8	1-2,4	2.7	72.2	1029.6
71.8	71.8	71.8	71.6	71.6	71.6	71.5	71.6	71.6	74.0	10-11	71.5	22	2.5	72.7	1030.2
66.5	66.6	66.7	66.8	67.0	66.9	66.9	66.5	66.0	71.5	1	66.0	24	5.5	68.6	1024.8
60.6	60.5	60.7	60.9	61.0	61.0	61.3	61.3	61.3	65.6	1	60.5	17	5.1	62.5	1016.6
59.0	59.1	59.4	59.6	59.8	59.9	60.0	60.0	60.0	62.5		57.4		5.1	59.8	1013.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.6	12.4	11.7	10.8	9.8	9.4	9.4	8.4	8.1	12.6	15-16	7.5	5	5.1	9.9
16.2	14.6	11.6	9.6	8.7	8.9	10.4	9.9	9.2	16.4	15	4.7	8	11.7	9.8
13.7	13.4	13.2	12.9	12.4	11.8	10.3	8.2	6.9	13.8	14-15	6.9	24	6.9	11.1
14.1	13.2	12.2	11.7	11.6	11.7	11.9	12.3	12.1	14.4	15	4.8	8	9.6	9.8
14.7	14.4	14.1	13.8	13.8	13.4	13.3	13.2	13.0	15.3	12-13	11.7	6	3.6	13.2
12.9	12.7	12.4	12.2	12.0	12.0	11.8	11.8	11.6	13.0	15	11.6	24	1.4	12.3
13.4	13.3	13.3	13.2	13.2	13.2	13.2	13.5	13.6	13.6	24	11.5	2	2.1	12.8
21.1	19.5	18.1	16.9	16.8	15.9	16.8	16.4	16.3	22.3	15	13.5	1-5	8.8	16.8
22.2	21.4	20.9	20.4	19.9	19.6	18.9	18.7	18.9	23.1	14	15.6	4-5	7.5	18.7
18.1	15.9	14.4	13.2	11.9	10.9	10.4	9.8	10.0	20.0	14	9.8	23	10.2	15.7
14.3	13.7	13.4	13.0	12.7	12.3	12.8	12.8	12.8	14.3	16	10.4	1	3.9	12.4
24.8	24.2	21.1	19.1	18.2	17.7	17.0	15.9	15.4	25.1	14-15	12.8	1	12.3	19.0
10.4	9.8	9.1	8.6	8.6	8.5	8.4	8.4	8.1	16.2	1-2	8.1	24	8.1	11.0
6.0	5.5	4.2	3.7	3.2	2.8	2.2	2.0	1.8	8.0	1	1.8	24	6.2	5.3
8.1	7.8	7.1	5.7	5.9	6.1	6.3	5.7	5.4	8.8	12	-1.3	7	10.1	4.7
11.1	10.4	9.1	8.2	8.2	8.3	8.5	8.5	8.6	11.1	16	4.6	2	6.5	7.8
13.2	12.9	12.1	11.1	11.0	10.8	9.8	9.0	8.8	13.2	16	8.4	2	4.8	10.8
10.8	10.4	9.3	8.7	7.8	7.7	7.7	7.4	7.5	11.2	13-14	7.4	23	3.8	9.3
9.7	8.7	7.6	6.7	6.6	6.7	6.7	6.8	6.5	10.4	14	2.6	7	7.8	6.7
10.9	9.0	8.0	7.0	5.8	5.1	4.9	4.3	4.3	11.2	14	2.5	6	8.7	6.3
13.4	11.8	9.2	8.6	8.3	8.5	8.6	8.5	8.0	14.3	14	3.8	4	10.5	8.3
14.1	13.0	11.0	9.5	8.3	7.5	6.5	5.3	5.1	14.3	14-15	3.5	8	10.8	8.5
13.2	11.5	9.1	7.7	6.6	7.3	7.3	8.1	8.2	13.5	15	0.0	8	13.5	6.7
11.6	10.5	10.2	9.4	8.8	8.8	8.7	8.7	8.7	12.0	15	5.5	8	6.5	8.5
12.1	11.6	10.3	9.3	8.3	7.2	5.7	5.8	5.8	12.3	15	5.7	22	6.6	9.1
10.7	9.5	8.7	7.6	5.6	4.5	3.2	2.3	2.0	11.6	14	2.0	24	9.6	6.2
11.1	10.1	7.3	4.0	2.3	1.6	0.9	1.1	1.3	11.3	14-15	-0.8	6	12.1	4.5
12.4	11.0	7.8	5.3	3.3	3.0	2.6	2.1	1.5	12.5	15	0.6	5	11.9	5.4
10.0	8.4	6.3	5.3	4.0	3.6	1.8	0.7	-0.5	11.7	12	-0.8	5	12.5	4.9
11.8	10.6	8.8	7.7	7.0	7.5	7.9	8.4	9.0	11.8	15-16	-2.1	2	13.9	6.2
13.4	12.0	11.3	10.2	9.6	9.7	9.7	9.7	9.6	13.6	13-14	9.1	1-2	4.5	10.7
13.3	12.4	11.1	10.0	9.4	9.1	8.8	8.5	8.4	14.0		5.9		8.1	9.8

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	7.4	7.6	7.4	7.2	7.0	6.8	6.8	6.9	7.2	7.8	7.4	7.8	8.0	8.4	8.0
2	6.6	6.2	6.0	6.2	6.2	6.0	6.0	5.7	6.2	6.4	6.8	7.8	7.8	7.8	7.2
3	8.0	8.0	8.0	7.4	7.6	8.0	8.0	8.9	9.0	9.0	9.5	9.5	10.0	10.2	10.0
4	7.0	6.8	6.8	6.8	6.8	6.4	6.2	6.2	6.6	7.6	8.0	8.5	8.5	9.1	8.5
5	8.5	9.0	9.0	9.0	9.5	9.5	9.5	9.7	9.5	9.5	9.5	10.0	10.0	10.8	11.0
6	10.5	10.0	10.5	10.5	10.5	10.5	10.0	10.2	10.0	10.0	9.5	9.5	10.0	10.2	10.0
7	9.5	9.5	9.5	10.0	10.0	9.5	9.5	10.2	10.0	10.0	10.0	9.5	9.0	9.9	9.0
8	9.5	10.0	10.0	10.5	10.5	10.5	10.5	11.3	11.0	11.5	12.5	12.0	13.0	13.6	13.5
9	12.0	12.0	11.5	12.0	12.5	12.0	12.0	12.6	12.5	12.5	12.0	12.5	13.0	13.2	13.5
10	12.0	12.5	12.0	12.0	12.5	12.0	12.5	12.0	12.0	12.0	10.0	8.0	7.2	8.0	8.0
11	8.5	9.0	8.5	8.5	8.5	9.0	9.0	9.5	9.0	10.0	10.0	10.0	10.5	11.0	11.0
12	10.5	11.0	11.5	12.0	12.5	13.0	13.0	13.4	14.0	13.0	14.0	14.5	14.5	14.9	14.5
13	12.5	12.5	12.5	12.0	10.0	9.0	9.5	9.3	8.5	9.0	8.5	8.5	9.0	9.0	8.5
14	7.4	7.2	7.0	6.2	6.4	5.8	5.8	5.7	5.4	5.4	5.4	5.2	5.8	5.5	5.0
15	4.6	4.6	4.4	4.4	4.4	3.8	4.0	4.4	4.4	4.6	4.4	4.0	4.4	4.2	4.6
16	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.8	5.8	5.8	5.4	6.2	5.8	6.6	6.6
17	7.2	7.2	7.6	7.8	8.0	8.0	8.0	9.0	9.0	9.0	9.0	10.0	9.5	9.6	9.0
18	8.0	8.0	8.0	8.5	8.5	8.0	8.0	8.7	8.5	8.5	8.5	8.5	8.0	8.0	8.0
19	7.2	7.0	5.0	4.6	4.4	4.0	4.2	4.4	4.2	4.8	4.8	5.2	5.0	5.0	4.4
20	5.8	5.6	5.6	5.4	5.2	5.2	5.2	5.2	5.4	5.6	6.0	5.6	5.4	5.9	5.6
21	5.4	5.4	5.0	5.2	5.0	5.0	5.0	5.3	5.2	5.0	5.6	5.8	6.0	5.7	5.6
22	6.4	6.4	6.6	6.0	6.0	6.2	5.6	5.5	6.0	6.6	6.4	6.6	7.0	7.6	7.0
23	5.0	4.6	4.6	4.4	4.2	4.0	4.2	4.5	4.2	5.0	4.6	4.8	4.6	4.1	4.8
24	5.8	5.6	5.4	5.2	5.6	6.0	6.4	6.4	6.8	6.6	7.2	7.2	8.0	8.2	8.0
25	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	7.6	7.4	7.8	8.0	7.8	8.4	8.0
26	5.6	5.2	4.8	4.8	5.0	4.8	4.6	5.0	4.6	5.0	5.4	5.8	6.0	6.2	6.2
27	4.6	4.6	4.4	4.4	4.4	4.0	4.0	4.7	4.8	5.6	4.8	3.8	3.6	4.2	4.2
28	4.0	3.6	3.4	3.8	3.6	3.4	3.4	3.8	4.4	4.8	4.6	4.6	4.8	5.4	5.0
29	4.4	4.2	4.0	4.0	4.2	4.2	4.4	4.4	6.8	5.4	5.0	4.8	4.8	5.2	5.0
30	4.0	3.8	4.2	4.4	4.2	3.8	4.2	6.0	6.0	5.6	5.6	5.6	5.6	5.8	5.8
31	8.0	7.8	7.8	7.8	8.0	8.0	8.0	8.8	8.0	8.0	8.0	7.8	7.8	8.0	8.0
Prom.	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.5	7.5	7.6	7.6	7.7	7.8	8.1	7.9

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
8.0	8.0	7.8	7.4	7.9	7.6	7.6	7.2	7.0	8.4	14	6.8	6-7	1.6	7.5
7.8	8.0	7.8	7.8	8.1	8.0	9.0	8.0	7.8	9.0	22	5.7	8	3.3	7.1
10.0	10.0	10.0	10.0	10.0	9.5	8.5	7.4	6.8	10.2	14	6.8	24	3.4	8.9
8.5	9.0	9.0	9.0	9.3	8.5	8.5	8.0	8.0	9.3	20	6.2	7-8	3.1	7.8
10.5	10.5	11.0	10.5	10.8	10.5	11.0	11.0	10.5	11.0	15,18,22-23	8.5	1	2.5	10.0
10.0	10.0	9.5	9.5	9.7	9.5	9.5	9.5	9.0	10.5	1,3-6	9.0	24	1.5	9.9
9.0	9.0	9.5	9.0	10.4	9.0	9.0	8.5	9.5	10.4	20	8.5	23	1.9	9.5
14.0	14.5	13.5	13.0	13.0	13.0	13.0	12.5	12.5	14.5	17	9.5	1	5.0	12.0
12.5	12.5	12.0	12.0	12.6	12.0	12.5	12.0	12.5	13.5	15	11.5	3	2.0	12.4
8.5	9.0	9.0	8.5	8.6	7.8	8.0	8.0	8.5	12.5	2,5,7	7.2	13	5.3	9.9
10.5	10.5	10.5	10.5	10.7	10.0	10.5	10.5	10.5	11.0	14-15	8.5	1,3-5	2.5	9.8
15.5	16.0	16.0	14.0	14.0	13.5	13.0	13.0	12.5	16.0	17-18	10.5	1	5.5	13.5
8.5	8.0	7.8	7.6	7.9	7.6	7.6	7.2	7.8	12.5	1-3	7.2	23	5.3	9.1
5.0	5.2	5.4	5.2	5.1	4.8	4.8	4.8	4.8	7.4	1	4.8	21-24	2.6	5.6
4.6	5.2	5.4	5.6	5.4	5.0	4.8	4.8	5.2	5.6	19	3.8	6	1.8	4.6
6.6	6.8	6.6	6.6	5.9	5.8	6.4	6.8	6.8	6.8	17,23-24	5.2	1-7	1.6	6.0
9.0	9.5	9.0	9.0	9.5	9.0	8.5	8.0	8.0	10.0	12	7.2	1-2	2.8	8.6
7.8	7.8	7.6	7.6	7.4	7.2	7.2	7.0	7.0	8.7	8	7.0	23-24	1.7	7.9
4.6	4.4	4.8	4.8	5.1	5.2	5.2	5.2	5.8	7.2	1	4.0	6	3.2	5.0
6.0	5.2	6.2	6.0	5.8	5.6	5.8	5.4	5.4	6.2	17-18	5.2	5-8	1.0	5.6
6.6	6.4	5.8	6.4	6.1	6.0	6.0	6.4	6.6	6.6	16,24	5.0	3,5-7,10	1.6	5.7
6.8	6.4	6.6	6.4	5.6	5.2	4.8	4.8	4.6	7.6	14	4.6	24	3.0	6.1
4.2	4.2	5.4	6.0	6.4	6.6	6.6	6.6	6.6	6.6	21-24	4.0	6	2.6	5.0
8.0	8.0	8.5	8.0	8.0	8.0	8.0	7.6	7.6	8.5	18	5.2	4	3.3	7.1
8.0	8.0	8.0	8.0	7.7	7.0	6.6	6.6	6.0	8.4	14	6.0	24	2.4	7.7
6.0	6.0	6.4	6.0	5.3	5.4	5.0	5.0	4.8	6.4	18	4.6	7,9	1.8	5.4
4.2	4.4	4.6	4.6	4.6	4.4	4.2	4.0	4.0	5.6	10	4.0	6-7,23-24	1.6	4.4
5.0	6.0	6.0	5.8	5.4	5.4	5.0	4.8	4.6	6.0	17-18	3.4	3,6-7	2.6	4.6
5.2	5.4	5.8	5.8	5.6	5.6	4.8	4.6	4.0	6.8	9	4.0	3-4,24	2.8	4.9
6.4	6.4	6.4	6.4	6.8	7.0	7.2	7.6	8.0	8.0	24	3.8	2,6	4.2	5.7
8.0	8.5	8.5	8.5	8.3	8.0	8.0	8.0	8.0	8.8	8	7.8	2-4,12-13	1.0	8.1
7.9	8.1	8.1	7.9	8.0	7.7	7.6	7.4	7.4	9.0		6.3		2.7	7.6

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
EC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
	9	S	11	S	9	S	10	S	7	S	5	S	6	S	6	S	5	S	22	8	14	S	13.52
	4	Calma	1	Calma	0	E	3	NE	7	NE	4	NE	5	NE	7	NE	4	S	11	5	7	S	10.20
ma	1	Calma	0	SW	2	SW	2	SW	2	Calma	1	SW	2	SW	2	SW	2	NE SW	6	3	6	NE	1.04
	3	E	6	E	7	E	7	E	6	E	9	E	9	NE	14	E	11	E	11	6	12	NE	12.32
	6	E	6	E	4	SE	5	SE	2	SE	2	S	2	S	3	SW	4	NE	14	9	14	NE	10.00
	3	W	3	W	3	W	3	W	6	W	4	N	6	N	11	N	13	SW	6	4	-	-	-
	7	NE	2	Calma	1	E	5	NE	7	NE	8	NE	7	NE	9	E	5	NW	10	6	11	NE	22.42
	10	E	7	E	7	E	9	NE	16	NE	8	NE	13	NE	10	NE	9	NE	13	9	14	NE	13.00
	11	N	26	N	27	N	23	NE	23	N	26	N	22	N	26	N	27	NE	13	20	28	NE	11.24
	6	S	10	SE	4	SE	5	SE	4	SE	5	SE	4	SE	3	SE	5	SE-S	7	9	35	N	0.32
	4	SE	6	SE	6	SE	7	E	6	E	11	E	15	E	12	E	14	SE	12	7	15	E	21.54
	11	NW	4	SW	6	S	7	S	5	S	6	S	5	SE	5	SE	8	N	8	15	36	N	12.40
	19	SW	20	SW	20	SW	19	SW	18	SW	17	SW	19	SW	16	SW	17	SW	11	15	38	SE	7.56
	21	SW	18	SW	12	W	9	SW	10	SW	10	SW	9	SW	7	SW	6	SW	22	17	46	SW	12.44
	11	E	6	E	4	SE	3	E	8	NE	12	NE	14	NE	9	NE	6	NE W E	7	6	12	NE	14.48
	16	E	13	E	5	E	8	E	15	E	15	E	15	NE	15	NE	14	NE	18	12	17	NE	10.36
ma	1	Calma	1	SE	2	SE	2	Calma	1	SE	3	Calma	1	SE	4	Calma	1	NE	9	6	18	NE	3.57
	7	SW	7	W	5	SW	6	SW	8	SW	7	SW	8	SW	6	SW	11	SE	16	7	16	SW	11.52
	22	W	17	W	15	W	14	W	17	W	16	SW	15	SW	18	SW	15	W	17	16	40	W	11.56
W	12	NW	10	N	5	N	9	NE	7	NE	11	NE	10	NE	11	NE	11	NW	7	10	19	SW	1.56
E	12	NE	10	NE	6	NE	6	NE	10	NE	9	NE	9	NE	11	NE	8	NE	21	10	22	NE	9.56
W	6	SW	6	SW	6	SW	8	SW	8	SW	6	SW	7	S	5	S	7	SW	12	5	13	SW	8.00
E	7	E	5	E	4	E	3	E	7	E	7	NE	9	NE	10	NE	11	NE	8	6	11	NE	11.26
E	7	NE	18	NE	7	NE	10	NE	5	N	8	N	8	N	5	NW	5	NE	17	8	15	NE	16.42
S	5	SW	2	W	4	W	6	W	5	W	4	W	4	W	7	W	7	SW	8	5	18	SW	10.30
SW	14	SW	7	SW	5	SW	9	SW	14	SW	9	SW	8	W	8	SW	6	SW	14	10	22	SW	10.50
W	9	W	6	W	4	W	5	W	2	W	4	W	4	W	8	W	6	W	19	6	13	SW	12.32
SW	4	S	3	Calma	1	Calma	0	Calma	1	Calma	0	S	2	SE	3	SE	4	SW	9	5	8	SW	12.09
E	11	E	10	E	6	E	6	SE	3	SE	4	SE	4	E	5	E	3	NW	8	5	11	NE	15.56
E	10	E	7	SE	5	SE	6	SE	4	SE	5	E	5	E	6	E	10	E	11	8	16	NE	13.32
E	3	Calma	1	NE	2	Calma	0	Calma	1	S	3	S	2	S	4	SW	4	E SW	7	3	7	SW	22.56
SW		E		E		E		NE		NE		NE-SW		NE		SW		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
7		8		7		7		7		6		7		9		8		NE	169	8	DIRECCIÓN	DÍA	HORA
	9		8		6		7		8		8		8		8		8				N	12	de 13.15 a 13.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1							2	17	22	188								205
2			5	27	1	3	5	26	11	61							2	118
3	4	19	6	27	2	5					6	12			2	9	4	84
4			2	24	11	92	3	9	4	13							4	141
5			14	164	4	24	3	9	2	5	1	4						206
6	3	30					4	12	4	14	6	29	5	19			2	106
7	5	26	5	33	2	10							1	2	10	71	1	143
8			13	149	9	49	2	9										207
9	11	217	13	258														475
10	6	97					7	30	7	63	2	10	1	9	1	4		213
11					10	95	12	73	1	4	1	4						176
12	8	212	5	65	3	43	2	13	4	23	1	6			1	4		366
13							5	52	8	108	11	192						352
14											22	385	2	28				413
15			7	66	7	45	1	3					7	40			2	156
16			18	225	6	71												296
17	1	7	9	110	2	18	4	11							2	5	6	157
18							2	9	3	19	16	125	1	5			2	160
19											7	96	17	293				389
20	2	14	5	50							4	33	6	58	7	86		241
21			21	232														252
22			3	14	2	6	2	5	3	14	12	83					2	124
23			8	73	6	33			4	10	3	13	2	8			1	138
24	6	36	17	145											1	5		186
25									4	30	8	49	7	37	2	11	3	130
26											14	153	8	59	2	17		229
27											5	29	19	116				145
28							2	7	2	5	9	50	7	51			4	115
29	3	7	8	61	6	41	6	17									1	126
30			3	84	11	89	4	20										193
31			1	2	7	32	7	23	3	9	2	6					4	75
SUMAS	49	665	169	1839	89	646	73	345	82	566	130	1279	83	735	28	212	38	6317
% PREVAL POR VELOCIDAD	10.5		29.1		10.2		5.5		9.0		20.2		11.6		3.4		0.5	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		11		7		5		7		10		9		8		1	202

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	8	4	2	4	3	4	2	3
1 - 2	1	8	5	2	3	4	5	2	1
2 - 3	3	8	3	2	2	3	6		4
3 - 4	2	8	2	3	5	3	5		3
4 - 5	2	9	3	4	3	6	4		
5 - 6		8	3	5	4	2	5	2	2
6 - 7	2	8	1	2	7	3	4	2	2
7 - 8	2	9	1	3	5	5	3	1	2
8 - 9	2	7	3	1	3	9	4	1	1
9 - 10	1	10	2	3	3	8	3	1	
10 - 11	1	11	3	2	4	6	2	2	
11 - 12	3	7	3	3	4	5	2	2	1
12 - 13	3	6	3	3	4	5	2	4	
13 - 14	4	8		4	3	6	2	3	
14 - 15	4	5	4	3	3	7	2	2	1
15 - 16	3	5	6	2	3	7	2	1	2
16 - 17	1	3	8	1	3	6	3	2	4
17 - 18	2	3	7	4	1	6	5		3
18 - 19	2	2	7	6	2	5	5		2
19 - 20		7	5	4	2	6	4		3
20 - 21	2	6	4	5	3	5	4		2
21 - 22	3	7	4	2	5	7	2		1
22 - 23	3	9	3	4	4	5	3		
23 - 24	2	7	5	3	2	8	2	1	1
SUMAS	49	169	89	73	82	130	83	28	38
% de frec. por dirección	6.6	22.8	12.0	9.8	11.2	17.5	11.2	3.8	5.1

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	14.2	11.0	0.26	10	0	5	
	10	17.5	12.5	0.41	10	0	5	
1	12	17.9	12.4	0.45	10	0	5	
	14	17.7	13.5	0.34	10	0	5	
	15	17.8	13.9	0.32	10	0	5	
	9	27.9	11.4	1.34	0	5	5	
	10	33.0	14.4	1.51	0	5	5	
2	12	37.4	17.9	1.58	0	5	5	
	14	36.9	18.8	1.47	0	5	5	
	15	33.1	17.9	1.24	0	5	5	
	9	14.0	12.0	0.16	10	0	2	N.
	10	17.9	13.3	0.37	10	0	3	N.
3	12	14.9	13.6	0.10	10	0	5	
	14	18.3	14.8	0.28	10	0	5	
	15	15.7	14.2	0.12	10	0	4	Ne.
	9	12.0	8.7	0.27	10	0	2	N.
	10	24.8	12.3	1.01	10	2	2	N.
4	12	25.0	15.2	0.80	10	1	1	N.
	14	31.2	17.0	1.15	6	1	3	Ne.
	15	26.3	16.0	0.84	6	3	4	Ne.
	9	23.9	15.2	0.71	10	0	4	
	10	22.0	15.0	0.57	10	1	4	
5	12	32.6	18.9	1.11	10	1	5	
	14	17.8	15.5	0.19	10	0	5	
	15	18.2	15.4	0.23	10	0	5	
	9	14.6	12.2	0.20	10	0	1	
	10	15.8	12.6	0.26	10	0	2	
	12	17.4	13.5	0.32	10	0	4	
	14	16.2	13.5	0.22	10	0	3	
	15	14.3	13.0	0.10	10	0	3	
	9				10	0	1	Z.,Ne.
	10	15.2	13.4	0.15	10	0	2	Ne.
7	12	16.6	14.0	0.21	10	0	5	
	14	15.0	13.7	0.10	10	0	4	
	15	14.8	13.5	0.10	10	0	4	
	9	18.4	15.6	0.23	10	0	3	Ne.
	10	25.0	17.9	0.58	10	0	4	Ne.
8	12	40.5	24.6	1.29	9	4	5	
	14	41.6	25.0	1.35	8	4	5	
	15	35.1	23.6	0.93	8	4	5	
	9	23.9	18.2	0.46	10	0	5	
	10	27.5	19.8	0.63	10	0	5	
9	12	33.9	23.0	0.89	10	0	5	
	14	30.5	23.5	0.57	10	0	5	
	15	28.9	23.2	0.46	10	0	5	
	9	21.9	18.0	0.32	10	0	3	Ne.
	10	21.9	18.5	0.28	10	0	4	Ne.
10	12	33.8	22.8	0.89	8	3	5	
	14	39.5	23.8	1.28	2	5	5	
	15	28.3	20.0	0.67	5	2	4	
	9	14.4	12.6	0.15	10	0	1	N.
	10	16.7	13.6	0.25	10	0	1	N.
11	12	18.0	14.8	0.26	10	0	1	N.
	14	16.6	14.5	0.17	10	0	1	N.
	15	19.0	15.0	0.32	10	0	1	N.
	9	25.9	20.1	0.47	8	0	5	
	10	40.9	25.0	1.29	1	5	5	
12	12	39.6	26.2	1.09	6	3	5	
	14	42.7	28.4	1.16	0	5	4	B.
	15	41.0	28.4	1.02	2	5	4	B.
	9				10	0	4	LL.
	10	17.0	12.0	0.41	10	0	5	
	12	14.3	12.0	0.19	10	0	5	
	14	12.2	10.8	0.11	10	0	5	
	15	11.5	11.0	0.04	10	0	5	
	9	10.9	6.9	0.32	10	0	5	
	10	11.6	7.1	0.36	10	0	5	
	12				9	0	3	CH.
	14	27.4	11.1	1.32	6	3	5	
	15	16.2	8.4	0.63	7	3	5	
	9	27.4	8.2	1.56	2	5	4	B.
	10	28.6	9.6	1.54	4	2	5	
15	12	24.0	11.5	1.01	8	0	5	
	14	16.2	9.6	0.54	10	0	5	
	15	17.4	9.6	0.63	10	0	5	
	9	16.5	9.5	0.57	10	1	4	
	10	17.6	10.2	0.60	10	1	4	
16	12	23.0	12.5	0.85	10	1	5	
	14	20.2	12.0	0.67	10	1	4	
	15	23.5	12.6	0.89	8	2	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	16.4	12.7	0.30	10	0	4	
	10	15.5	13.0	0.20	10	0	4	
17	12	16.4	12.6	0.31	10	0	3	Ne.
	14	19.8	13.9	0.48	10	0	3	
	15	16.5	13.5	0.24	10	0	3	
	9	10.5	10.0	0.04	10	0	1	
	10	16.0	11.8	0.34	10	0	2	
18	12	16.6	12.4	0.34	10	0	3	
	14	14.0	12.7	0.10	10	0	4	
	15	11.5	10.8	0.06	10	0	4	
	9	26.7	9.2	1.42	0	5	5	
	10	31.4	11.6	1.61	0	5	5	
19	12	34.7	14.2	1.67	0	5	5	
	14	30.9	14.9	1.30	5	3	5	
	15	29.6	13.7	1.29	3	3	5	
	9	26.9	9.1	1.45	0	5	5	
	10	31.6	12.0	1.59	0	5	5	
20	12	28.5	13.2	1.24	3	5	5	
	14	31.0	15.0	1.30	5	3	5	
	15	20.6	12.1	0.69	9	3	5	
	9	11.3	7.1	0.34	10	0	5	
	10	20.0	10.6	0.76	9	0	5	
21	12	35.0	17.0	1.46	3	2	5	
	14	28.2	15.5	1.03	4	4	5	
	15	30.2	16.2	1.14	3	4	3	
	9	23.7	10.5	1.07	10	2	3	N.
	10	19.0	11.0	0.65	10	2	4	Ne.
22	12	26.2	15.0	0.91	10	2	4	Ne.
	14	35.0	17.9	1.39	2	4	4	B.
	15	33.1	17.4	1.28	1	5	5	
	9	26.5	8.6	1.46	1	5	5	
	10	31.9	10.9	1.71	2	5	5	
23	12	31.0	15.4	1.27	7	4	3	B.
	14	37.0	17.5	1.58	2	5	5	
	15	33.8	16.0	1.45	1	5	5	
	9	9.5	7.2	0.19	10	0	4	Ne.
	10	14.0	9.0	0.41	10	0	5	
24	12	18.1	11.1	0.57	10	0	5	
	14	24.0	13.5	0.85	10	1	3	
	15	15.6	11.6	0.32	10	0	5	
	9	12.5	9.8	0.22	10	0	5	
	10	12.4	10.0	0.20	10	0	5	
25	12	16.5	11.4	0.41	10	0	5	
	14	29.9	15.0	1.21	8	2	5	
	15	26.5	14.8	0.95	9	2	5	
	9	28.6	11.1	1.42	0	5	5	
	10	33.0	13.2	1.61	0	5	5	
26	12	36.5	16.0	1.67	1	3	5	
	14	32.9	16.3	1.35	8	3	5	
	15	22.5	13.2	0.76	8	3	5	
	9	26.8	8.4	1.50	0	5	5	
	10	32.1	11.6	1.67	0	5	5	
27	12	36.0	15.0	1.71	0	5	5	
	14	35.6	15.4	1.64	0	5	5	
	15	32.2	14.4	1.45	0	5	5	
	9	26.8	10.0	1.36	0	5	5	
	10	32.2	15.2	1.38	0	5	5	
28	12	35.3	16.6	1.52	0	5	5	
	14	35.5	17.0	1.50	0	5	5	
	15	33.5	16.5	1.38	0	5	5	
	9	31.0	12.4	1.52	0	5	3	
	10	35.0	14.5	1.67	0	5	4	
29	12	34.5	15.5	1.54	0	5	5	
	14	34.1	15.3	1.53	0	5	5	
	15	29.2	13.8	1.25	0	5	4	
	9	28.7	11.0	1.44	1	5	4	B.
	10	18.9	10.2	0.71	8	1	4	B.
30	12	29.5	13.5	1.30	5	3	5	
	14	33.0	15.3	1.44	2	5	5	
	15	32.0	14.8	1.40	0	5	5	
	9	14.2	11.2	0.24	10	0	2	
	10	20.0	13.1	0.56	10	0	2	
31	12	25.2	15.0	0.83	9	2	3	
	14	21.6	14.6	0.57	10	0	3	
	15	-	-	-	-	-	-	s/Obs.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR. ASTRON.	H.RELATIVA
1															0.0	9.8	00
2			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.8	9.8	90
3															0.0	9.8	00
4						1.0	0.9	0.8	0.7	1.0	1.0				5.4	9.8	55
5					0.1	0.2	0.4	0.1							0.8	9.9	08
6															0.0	9.9	00
7															0.0	9.9	00
8						0.9	1.0	1.0	1.0	1.0	0.2				5.1	9.9	52
9															0.0	9.9	00
10							0.3	0.8	1.0	1.0	0.5				3.6	9.9	36
11											0.1				0.1	9.9	01
12				0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8				7.7	10.0	77
13															0.0	10.0	00
14							0.2	0.7	1.0	1.0	0.8	0.1			3.8	10.0	38
15				1.0	1.0	1.0	1.0	0.4	0.2	0.3	0.2				5.1	10.0	51
16			0.2	0.9		0.1	0.5	0.3	0.3	0.6	1.0	0.5			4.4	10.0	44
17															0.0	10.1	00
18															0.0	10.1	00
19			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.2	10.1	91
20			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3			8.7	10.1	86
21					0.3	0.9	1.0	0.7	1.0	1.0	0.9	0.6			6.4	10.1	63
22				0.7	0.9	0.3	0.5	0.1	0.8	1.0	1.0	0.6			5.9	10.2	58
23			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.9	10.2	87
24				0.2					0.2	0.1					0.5	10.2	05
25			0.2						0.8	0.6	0.4				2.0	10.2	20
26			0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5			9.0	10.2	88
27			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.3	10.3	90
28			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.7	10.3	94
29			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.2	10.3	89
30			0.8	1.0	0.7	0.9	0.9	1.0	1.0	1.0	1.0	0.5			8.8	10.3	85
31							0.2	0.5	0.1						0.8	10.4	08
Medias			0.2	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.5	0.2			4.3	10.0	43

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	11.0	13.2	12.6	11.0	12.2	12.2	11.4	11.2	11.6	12.2	12.0	12.0	14.5	14.3	14.2
2	9.6	14.4	12.2	9.8	12.3	12.1	10.6	10.9	11.6	11.6	11.5	11.8	14.0	13.9	13.8
3	11.3	13.8	13.6	11.0	12.5	12.8	10.8	11.2	11.6	11.4	11.6	11.8	13.8	13.8	13.8
4	10.6	14.0	13.2	10.6	12.6	12.6	10.8	13.2	11.6	11.6	11.5	11.8	13.8	13.8	13.7
5	12.6	15.0	14.4	12.0	13.4	13.5	11.2	11.6	12.1	11.8	11.9	12.2	13.8	13.8	13.9
6	13.8	14.4	14.2	12.9	13.4	13.3	12.0	12.1	12.2	12.3	12.4	12.4	14.1	14.2	14.2
7	13.7	14.2	14.2	12.8	13.3	13.2	12.0	12.1	12.2	12.4	12.4	12.4	14.3	14.3	14.3
8	14.0	17.9	16.4	13.2	15.3	15.3	12.2	12.8	13.6	12.5	12.7	13.2	14.4	14.4	14.6
9	13.4	18.2	17.6	14.4	15.9	16.2	13.3	13.6	14.3	13.4	13.5	13.9	14.9	15.0	15.1
10	16.0	18.1	15.8	15.2	16.4	15.4	14.1	14.4	14.5	14.1	14.2	14.4	15.4	15.5	15.5
11	14.1	15.2	15.2	13.6	14.3	14.4	13.2	13.2	13.4	13.8	13.6	13.6	15.5	15.4	15.3
12	15.4	18.2	18.8	14.6	16.8	17.3	13.4	14.1	15.1	13.6	13.8	14.5	15.4	15.4	15.6
13	15.6	14.9	13.4	15.2	14.4	13.4	14.8	13.8	13.4	14.8	14.4	14.0	15.6	16.0	15.8
14	10.8	11.6	9.8	11.2	11.3	10.4	12.0	11.5	11.2	13.2	12.4	12.4	15.4	15.1	14.8
15	6.8	10.8	9.8	7.6	10.1	9.7	9.4	9.5	9.8	11.1	10.6	10.8	14.1	13.8	13.5
16	7.6	10.8	9.9	7.9	9.8	9.6	8.9	9.0	9.4	10.3	10.0	10.2	13.2	13.0	12.9
17	9.8	12.0	12.2	9.4	10.8	11.2	9.1	9.6	10.2	10.1	10.2	10.6	12.8	12.7	12.8
18	11.4	12.4	11.4	10.6	11.4	11.0	10.2	10.3	10.4	10.7	10.8	10.4	13.0	13.0	12.9
19	8.0	11.5	9.9	8.5	10.2	9.9	9.4	9.5	9.9	10.5	10.2	10.5	12.9	12.8	12.7
20	7.6	12.0	10.3	7.9	10.6	10.2	8.8	9.2	9.8	10.0	9.8	10.2	12.5	12.4	12.3
21	7.8	11.6	10.3	7.9	10.0	10.0	8.6	8.8	9.5	9.7	9.6	9.9	12.3	12.2	12.2
22	8.5	12.4	10.8	8.4	10.7	10.6	8.8	9.1	9.8	9.7	9.6	10.1	12.2	12.1	12.1
23	6.8	11.8	9.8	7.3	10.1	9.8	8.4	8.8	9.4	9.6	9.4	9.8	12.1	12.0	11.9
24	8.6	11.0	10.8	8.4	9.7	10.0	8.6	8.8	9.2	9.4	9.4	9.6	11.9	11.8	11.8
25	10.8	12.0	11.1	9.9	10.6	10.6	9.2	9.4	9.7	9.7	9.8	10.0	11.9	12.0	12.0
26	7.6	12.8	10.6	7.8	10.7	10.5	8.6	9.2	9.9	9.6	9.5	10.0	12.0	11.9	11.9
27	6.5	11.8	9.4	7.1	10.0	9.6	8.2	8.7	9.5	9.4	9.3	9.8	11.9	11.8	11.7
28	6.0	12.0	9.7	6.5	9.7	9.6	7.8	8.0	8.9	9.2	8.8	9.1	11.6	11.5	11.4
29	6.0	11.4	9.2	6.4	9.5	9.2	7.4	8.0	8.8	8.7	8.6	9.1	11.4	11.2	11.2
30	5.6	11.2	9.6	6.2	9.1	9.2	7.4	7.6	8.6	8.6	8.4	8.8	11.2	11.1	11.0
31	10.0	13.2	12.0	9.4	11.2	11.1	8.6	9.2	9.8	9.0	9.2	9.8	11.2	11.3	11.5
Prom.	10.2	13.4	12.2	10.2	11.9	11.7	10.3	10.6	11.0	11.1	11.0	11.3	13.3	13.3	13.2

LUVIA, 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	0.5	0.4	0.5	1.2							8209
2					2	0.3	0.7	0.5	1.3	I.17	21.1	21.0	25.7			8204
3					2	0.1	0.2	0.1	0.4							8294
4					2	0.1	0.2	0.4	1.3							8323
5					2	0.7	0.5	0.3	0.9							8299
6	0.0	0.0	0.0	0.0	2	0.1	0.0	0.2	0.4	I.18	22.8	22.3	26.6			8289
7					1	0.2	0.2	0.3	0.9							8314
8					1	0.4	0.9	0.6	1.9							8320
9					1	0.4	1.1	1.8	4.1							8288
10					1	1.2	1.3	0.7	2.3							8282
11					1	0.3	0.2	0.1	0.3	I.19	21.2	20.7	24.9	19.7		8305
12					1	0.0	1.6	0.9	2.8							8276
13	0.6	0.6	0.5	0.5	2	0.3	0.2	0.2	0.6							8287
14	8.6	8.9	8.5	7.3	2	0.2	0.9	0.2	1.2							8332
15	0.0	0.0	0.0	0.0	2	0.1	0.8	0.6	2.0							8373
16					2	0.6	1.0	0.7	2.6	I.20	23.6	22.4	24.4			8350
17					2	0.9	0.1	0.2	0.3							8305
18	0.0	0.0	0.0	0.0	2	0.0	0.2	0.2	0.9							8295
19					1	0.5	1.0	1.0	2.6							8353
20					1	0.6	0.7	0.6	1.9							8376
21					1	0.6	1.2	0.9	2.5	I.21	21.7	20.3	22.7			8350
22					0	0.4	0.4	1.2	1.9							8356
23					0	0.3	1.1	0.8	2.5							8379
24					0	0.6	0.3	0.2	0.7							8342
25					0	0.2	0.2	0.3	0.7							8341
26					0	0.2	0.8	0.7	1.7							8388
27					0	0.2	0.8	0.7	1.7							8424
28					0	0.2	1.0	0.5	1.7	I.22	20.2	20.1	24.2			8434
29					0	0.2	0.8	0.7	2.0							8439
30					0	0.5	0.9	0.5	1.5							8420
31					0	0.1	0.5	0.3	1.0	I.23	20.5	20.0	19.4	22.0	16.7	8395
Prom.	9.2	9.5	9.0	7.8	-	0.3	0.7	0.5	1.5	-	-	-	-	-	-	8334

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
14.1	14.1	13.9	14.8	14.8	14.9	17.5	18.9	3.8	Cn. m. y t., Ca. m., r. n.
13.7	13.7	13.5	14.7	14.8	14.8	17.5	18.8	1.1	Ca. m. t. y n., r. m. y n., B. t.
13.5	13.5	13.5	14.7	14.7	14.7	17.5	18.8	1.6	Cn. m. t. y n., r. m., N. m.
13.4	13.5	13.4	14.6	14.7	14.7	17.4	18.7	2.5	Cn. m. t. y n., N. m., Ne. t.
13.5	13.5	13.5	14.7	14.7	14.7	17.4	18.7	8.5	Cn. m. t. y n., r. n.
13.6	13.7	13.7	14.8	14.8	14.8	17.4	18.7	9.4	Cn. m. t. y n., N.r. m.
13.8	13.8	13.8	14.8	14.8	14.8	17.4	18.6	11.4	Cn. m. t. y n.
13.8	14.0	14.0	14.8	14.8	14.9	17.3	18.6	11.5	Cn. m. y t., Ca. n., Ne. m., B. t., r. n.
14.3	14.4	14.4	14.9	14.9	15.0	17.3	18.6	12.4	Cn. m. t. y n., r. m., B. t.
14.6	14.8	14.7	15.0	15.0	15.0	17.2	18.6	11.1	Cn. m., Ca. t. y n., Ne. m., r. m. t. y n.,R.n.
14.9	14.9	14.8	15.0	15.1	15.1	17.1	18.5	5.5	Cn. m. t. y n., N. m. t. y n., r. m. y n.
14.8	14.9	14.9	15.1	15.2	15.2	17.1	18.5	12.5	Cn. m., Ca. t. y n., Ne. m., B. t., r. n.
15.2	15.2	15.2	15.2	15.3	15.3	17.1	18.5	10.5	Cn. m. t. y n., LL.Z. m., Z. n.
15.0	14.9	14.6	15.2	15.1	15.1	17.0	18.4	4.5	Cn. m., Ca. t. y n., Z. m., r. n.
14.1	13.9	13.5	14.8	15.0	14.9	17.0	18.4	-	Ca. m., Cn. t. y n., h. m., r. n.
13.2	13.1	12.9	14.6	14.7	14.7	17.0	18.4	-2.5	Cn. m. y t., Ca. n., h. m., r. n.
12.8	12.7	12.6	14.6	14.5	14.6	17.0	18.4	7.6	Cn. m. t. y n., Ne. m., N.r. n.
12.6	12.7	12.6	14.5	14.5	14.4	17.0	18.3	3.3	Cn. m. t. y n., N. m., r. n.
12.6	12.6	12.4	14.2	14.2	14.2	17.0	18.3	-1.5	Ca. m. y t., Cn. n., r. m. y n., h. m.
12.4	12.3	12.2	13.9	14.1	14.1	17.0	18.2	-1.0	Ca. m. y t., Cn. n., h. m., r.Dl. n.
12.2	12.2	12.1	13.9	14.0	13.9	17.0	18.2	-0.8	Cn. m., Ca. t., Cn. n., r m. y n., h. m.
12.0	12.1	11.9	13.8	13.8	13.7	17.0	18.2	-0.1	Cn. m., Ca. t. y n., N. m., B. t., r. n.
11.9	11.9	11.7	13.5	13.7	13.7	16.9	18.1	-7.0	Ca. m. t. y n., h. m., r. n.
11.7	11.8	11.6	13.5	13.6	13.5	16.9	18.1	-1.6	Cn. m. t. y n., r. m., B. t., h. m.
11.7	11.7	11.7	13.5	13.4	13.5	16.9	18.1	-7.0	Cn. m. y t., Ca. n., N. m., r. n.
11.7	11.8	11.7	13.2	13.4	13.3	16.8	18.1	-3.0	Ca. m. y n., Cn. t., h. m., r. n.
11.6	11.6	11.4	13.2	13.3	13.2	16.8	18.0	-6.9	Ca. m. t. y n., h. m., r. n.
11.4	11.4	11.2	12.9	13.2	13.1	16.6	18.0	-5.1	Ca. m. t. y n., h. m. y n., r. m. y n.
11.3	11.3	11.1	12.9	13.0	13.0	16.6	18.0	-6.0	Ca. m. t. y n., N.h. m., r.h. n.
11.1	11.1	10.9	12.8	12.9	12.9	16.5	18.0	-5.4	Cn. m. y n., Ca. t., h. m., Ne. m., r. m. y n.
11.0	11.1	11.1	12.9	12.9	12.9	16.5	18.0	0.3	Cn. m. t. y n., Ne.r. m.
0	13.0	12.9	14.2	14.3	14.3	17.1	18.4	2.9	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1															0.0	9.8	00
2			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.8	9.8	90
3															0.0	9.8	00
4						1.0	0.9	0.8	0.7	1.0	1.0				5.4	9.8	55
5					0.1	0.2	0.4	0.1							0.8	9.9	08
6															0.0	9.9	00
7															0.0	9.9	00
8						0.9	1.0	1.0	1.0	1.0	0.2				5.1	9.9	52
9															0.0	9.9	00
10							0.3	0.8	1.0	1.0	0.5				3.6	9.9	36
11											0.1				0.1	9.9	01
12				0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8				7.7	10.0	77
13															0.0	10.0	00
14							0.2	0.7	1.0	1.0	0.8	0.1			3.8	10.0	38
15				1.0	1.0	1.0	1.0	0.4	0.2	0.3	0.2				5.1	10.0	51
16			0.2	0.9		0.1	0.5	0.3	0.3	0.6	1.0	0.5			4.4	10.0	44
17															0.0	10.1	00
18															0.0	10.1	00
19			0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6			9.2	10.1	91
20			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3			8.7	10.1	86
21					0.3	0.9	1.0	0.7	1.0	1.0	0.9	0.6			6.4	10.1	63
22				0.7	0.9	0.3	0.5	0.1	0.8	1.0	1.0	0.6			5.9	10.2	58
23			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4			8.9	10.2	87
24				0.2					0.2	0.1					0.5	10.2	05
25			0.2						0.8	0.6	0.4				2.0	10.2	20
26			0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5			9.0	10.2	88
27			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.3	10.3	90
28			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.7	10.3	94
29			0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.2	10.3	89
30			0.8	1.0	0.7	0.9	0.9	1.0	1.0	1.0	1.0	0.5			8.8	10.3	85
31							0.2	0.5	0.1						0.8	10.4	08
Medias			0.2	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.5	0.2			4.3	10.0	43

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	11.0	13.2	12.6	11.0	12.2	12.2	11.4	11.2	11.6	12.2	12.0	12.0	14.5	14.3	14.2
2	9.6	14.4	12.2	9.8	12.3	12.1	10.6	10.9	11.6	11.6	11.5	11.8	14.0	13.9	13.8
3	11.3	13.8	13.6	11.0	12.5	12.8	10.8	11.2	11.6	11.4	11.6	11.8	13.8	13.8	13.8
4	10.6	14.0	13.2	10.6	12.6	12.6	10.8	13.2	11.6	11.6	11.5	11.8	13.8	13.8	13.7
5	12.6	15.0	14.4	12.0	13.4	13.5	11.2	11.6	12.1	11.8	11.9	12.2	13.8	13.8	13.9
6	13.8	14.4	14.2	12.9	13.4	13.3	12.0	12.1	12.2	12.3	12.4	12.4	14.1	14.2	14.2
7	13.7	14.2	14.2	12.8	13.3	13.2	12.0	12.1	12.2	12.4	12.4	12.4	14.3	14.3	14.3
8	14.0	17.9	16.4	13.2	15.3	15.3	12.2	12.8	13.6	12.5	12.7	13.2	14.4	14.4	14.6
9	13.4	18.2	17.6	14.4	15.9	16.2	13.3	13.6	14.3	13.4	13.5	13.9	14.9	15.0	15.1
10	16.0	18.1	15.8	15.2	16.4	15.4	14.1	14.4	14.5	14.1	14.2	14.4	15.4	15.5	15.5
11	14.1	15.2	15.2	13.6	14.3	14.4	13.2	13.2	13.4	13.8	13.6	13.6	15.5	15.4	15.3
12	15.4	18.2	18.8	14.6	16.8	17.3	13.4	14.1	15.1	13.6	13.8	14.5	15.4	15.4	15.6
13	15.6	14.9	13.4	15.2	14.4	13.4	14.8	13.8	13.4	14.8	14.4	14.0	15.6	16.0	15.8
14	10.8	11.6	9.8	11.2	11.3	10.4	12.0	11.5	11.2	13.2	12.4	12.4	15.4	15.1	14.8
15	6.8	10.8	9.8	7.6	10.1	9.7	9.4	9.5	9.8	11.1	10.6	10.8	14.1	13.8	13.5
16	7.6	10.8	9.9	7.9	9.8	9.6	8.9	9.0	9.4	10.3	10.0	10.2	13.2	13.0	12.9
17	9.8	12.0	12.2	9.4	10.8	11.2	9.1	9.6	10.2	10.1	10.2	10.6	12.8	12.7	12.8
18	11.4	12.4	11.4	10.6	11.4	11.0	10.2	10.3	10.4	10.7	10.8	10.4	13.0	13.0	12.9
19	8.0	11.5	9.9	8.5	10.2	9.9	9.4	9.5	9.9	10.5	10.2	10.5	12.9	12.8	12.7
20	7.6	12.0	10.3	7.9	10.6	10.2	8.8	9.2	9.8	10.0	9.8	10.2	12.5	12.4	12.3
21	7.8	11.6	10.3	7.9	10.0	10.0	8.6	8.8	9.5	9.7	9.6	9.9	12.3	12.2	12.2
22	8.5	12.4	10.8	8.4	10.7	10.6	8.8	9.1	9.8	9.7	9.6	10.1	12.2	12.1	12.1
23	6.8	11.8	9.8	7.3	10.1	9.8	8.4	8.8	9.4	9.6	9.4	9.8	12.1	12.0	11.9
24	8.6	11.0	10.8	8.4	9.7	10.0	8.6	8.8	9.2	9.4	9.4	9.6	11.9	11.8	11.8
25	10.8	12.0	11.1	9.9	10.6	10.6	9.2	9.4	9.7	9.7	9.8	10.0	11.9	12.0	12.0
26	7.6	12.8	10.6	7.8	10.7	10.5	8.6	9.2	9.9	9.6	9.5	10.0	12.0	11.9	11.9
27	6.5	11.8	9.4	7.1	10.0	9.6	8.2	8.7	9.5	9.4	9.3	9.8	11.9	11.8	11.7
28	6.0	12.0	9.7	6.5	9.7	9.6	7.8	8.0	8.9	9.2	8.8	9.1	11.6	11.5	11.4
29	6.0	11.4	9.2	6.4	9.5	9.2	7.4	8.0	8.8	8.7	8.6	9.1	11.4	11.2	11.2
30	5.6	11.2	9.6	6.2	9.1	9.2	7.4	7.6	8.6	8.6	8.4	8.8	11.2	11.1	11.0
31	10.0	13.2	12.0	9.4	11.2	11.1	8.6	9.2	9.8	9.0	9.2	9.8	11.2	11.3	11.5
Prom.	10.2	13.4	12.2	10.2	11.9	11.7	10.3	10.6	11.0	11.1	11.0	11.3	13.3	13.3	13.2

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	0.5	0.4	0.5	1.2							8209
2					2	0.3	0.7	0.5	1.3	I.17	21.1	21.0	25.7			8204
3					2	0.1	0.2	0.1	0.4							8294
4					2	0.1	0.2	0.4	1.3							8323
5					2	0.7	0.5	0.3	0.9							8299
6	0.0	0.0	0.0	0.0	2	0.1	0.0	0.2	0.4	I.18	22.8	22.3	26.6			8289
7					1	0.2	0.2	0.3	0.9							8314
8					1	0.4	0.9	0.6	1.9							8320
9					1	0.4	1.1	1.8	4.1							8288
10					1	1.2	1.3	0.7	2.3							8282
11					1	0.3	0.2	0.1	0.3	I.19	21.2	20.7	24.9	19.7		8305
12					1	0.0	1.6	0.9	2.8							8276
13	0.6	0.6	0.5	0.5	2	0.3	0.2	0.2	0.6							8287
14	8.6	8.9	8.5	7.3	2	0.2	0.9	0.2	1.2							8332
15	0.0	0.0	0.0	0.0	2	0.1	0.8	0.6	2.0							8373
16					2	0.6	1.0	0.7	2.6	I.20	23.6	22.4	24.4			8350
17					2	0.9	0.1	0.2	0.3							8305
18	0.0	0.0	0.0	0.0	2	0.0	0.2	0.2	0.9							8295
19					1	0.5	1.0	1.0	2.6							8353
20					1	0.6	0.7	0.6	1.9							8376
21					1	0.6	1.2	0.9	2.5	I.21	21.7	20.3	22.7			8350
22					0	0.4	0.4	1.2	1.9							8356
23					0	0.3	1.1	0.8	2.5							8379
24					0	0.6	0.3	0.2	0.7							8342
25					0	0.2	0.2	0.3	0.7							8341
26					0	0.2	0.8	0.7	1.7							8388
27					0	0.2	0.8	0.7	1.7							8424
28					0	0.2	1.0	0.5	1.7	I.22	20.2	20.1	24.2			8434
29					0	0.2	0.8	0.7	2.0							8439
30					0	0.5	0.9	0.5	1.5							8420
31					0	0.1	0.5	0.3	1.0	I.23	20.5	20.0	19.4	22.0	16.7	8395
Prom.	9.2	9.5	9.0	7.8	-	0.3	0.7	0.5	1.5	-	-	-	-	-	-	8334

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
14.1	14.1	13.9	14.8	14.8	14.9	17.5	18.9	3.8	Cn. m. y t., Ca. m., r. n.
13.7	13.7	13.5	14.7	14.8	14.8	17.5	18.8	1.1	Ca. m. t. y n., r. m. y n., B. t.
13.5	13.5	13.5	14.7	14.7	14.7	17.5	18.8	1.6	Cn. m. t. y n., r. m., N. m.
13.4	13.5	13.4	14.6	14.7	14.7	17.4	18.7	2.5	Cn. m. t. y n., N. m., Ne. t.
13.5	13.5	13.5	14.7	14.7	14.7	17.4	18.7	8.5	Cn. m. t. y n., r. n.
13.6	13.7	13.7	14.8	14.8	14.8	17.4	18.7	9.4	Cn. m. t. y n., N.r. m.
13.8	13.8	13.8	14.8	14.8	14.8	17.4	18.6	11.4	Cn. m. t. y n.
13.8	14.0	14.0	14.8	14.8	14.9	17.3	18.6	11.5	Cn. m. y t., Ca. n., Ne. m., B. t., r. n.
14.3	14.4	14.4	14.9	14.9	15.0	17.3	18.6	12.4	Cn. m. t. y n., r. m., B. t.
14.6	14.8	14.7	15.0	15.0	15.0	17.2	18.6	11.1	Cn. m., Ca. t. y n., Ne. m., r. m. t. y n.,R.n.
14.9	14.9	14.8	15.0	15.1	15.1	17.1	18.5	5.5	Cn. m. t. y n., N. m. t. y n., r. m. y n.
14.8	14.9	14.9	15.1	15.2	15.2	17.1	18.5	12.5	Cn. m., Ca. t. y n., Ne. m., B. t., r. n.
15.2	15.2	15.2	15.2	15.3	15.3	17.1	18.5	10.5	Cn. m. t. y n., LL.Z. m., Z. n.
15.0	14.9	14.6	15.2	15.1	15.1	17.0	18.4	4.5	Cn. m., Ca. t. y n., Z. m., r. n.
14.1	13.9	13.5	14.8	15.0	14.9	17.0	18.4	-	Ca. m., Cn. t. y n., h. m., r. n.
13.2	13.1	12.9	14.6	14.7	14.7	17.0	18.4	-2.5	Cn. m. y t., Ca. n., h. m., r. n.
12.8	12.7	12.6	14.6	14.5	14.6	17.0	18.4	7.6	Cn. m. t. y n., Ne. m., N.r. n.
12.6	12.7	12.6	14.5	14.5	14.4	17.0	18.3	3.3	Cn. m. t. y n., N. m., r. n.
12.6	12.6	12.4	14.2	14.2	14.2	17.0	18.3	-1.5	Ca. m. y t., Cn. n., r. m. y n., h. m.
12.4	12.3	12.2	13.9	14.1	14.1	17.0	18.2	-1.0	Ca. m. y t., Cn. n., h. m., r.Dl. n.
12.2	12.2	12.1	13.9	14.0	13.9	17.0	18.2	-0.8	Cn. m., Ca. t., Cn. n., r m. y n., h. m.
12.0	12.1	11.9	13.8	13.8	13.7	17.0	18.2	-0.1	Cn. m., Ca. t. y n., N. m., B. t., r. n.
11.9	11.9	11.7	13.5	13.7	13.7	16.9	18.1	-7.0	Ca. m. t. y n., h. m., r. n.
11.7	11.8	11.6	13.5	13.6	13.5	16.9	18.1	-1.6	Cn. m. t. y n., r. m., B. t., h. m.
11.7	11.7	11.7	13.5	13.4	13.5	16.9	18.1	-7.0	Cn. m. y t., Ca. n., N. m., r. n.
11.7	11.8	11.7	13.2	13.4	13.3	16.8	18.1	-3.0	Ca. m. y n., Cn. t., h. m., r. n.
11.6	11.6	11.4	13.2	13.3	13.2	16.8	18.0	-6.9	Ca. m. t. y n., h. m., r. n.
11.4	11.4	11.2	12.9	13.2	13.1	16.6	18.0	-5.1	Ca. m. t. y n., h. m. y n., r. m. y n.
11.3	11.3	11.1	12.9	13.0	13.0	16.6	18.0	-6.0	Ca. m. t. y n., N.h. m., r.h. n.
11.1	11.1	10.9	12.8	12.9	12.9	16.5	18.0	-5.4	Cn. m. y n., Ca. t., h. m., Ne. m., r. m. y n.
11.0	11.1	11.1	12.9	12.9	12.9	16.5	18.0	0.3	Cn. m. t. y n., Ne.r. m.
0	13.0	12.9	14.2	14.3	14.3	17.1	18.4	2.9	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	60.3	67.1	4	10	51.1	10	1	13.0	16.4	9.8	23.1	9	14	4.7	2	8	2.4	9.9	24
2ª	56.2	66.7	15	10	44.2	12	15-16	9.3	13.0	5.7	25.1	12	14-15	-1.3	15	7	3.9	10.0	39
3ª	62.6	74.0	29	10-11	48.6	24	17	7.2	12.6	2.4	14.3	21, 22	14-15	-2.1	30	2	6.4	10.2	62
MES	59.8	74.0	29	10-11	44.2	12	15-16	9.8	14.0	5.9	25.1	12	14-15	-2.1	30	2	4.3	10.0	43

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	86	99	2,6	44	10	9.5	14.5	6.2	NE	8	36	9	30	10	0-1	35	N	10	0.32	-	-	-	-	-	-
2ª	85	100	18	49	15	7.6	16.0	3.8	SW	11	40	12	35	12	12-13	46	SW	14	12.44	9.5	8.9	14	-	-	-
3ª	80	100	30	38	23	5.9	8.8	3.4	NE	6	24	21, 24	18	21 / 24	1-2 / 16-11 / 16-17	22	NE / SW	21 / 26	9.56 / 10.50	-	-	-	-	-	-
MES	83	100	18,30	38	23	7.6	16.0	3.4	NE	8	40	12	35	12	12-13	46	SW	14	12.44	9.5	8.9	14	-	-	-

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENOMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Congelada blanda	Congelada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	8	-	-	-	-	-	-	-	-	-	-	1	7	-	-	-
2ª	9	4	-	-	-	-	1	-	-	-	-	-	4	1	1	-
3ª	11	8	-	-	-	-	-	-	-	-	-	3	2	4	-	-
MES	28	12	-	-	-	-	1	-	-	-	-	4	13	5	1	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III — AGOSTO 1948 — N°. 8

RESUMEN MENSUAL

Los diez primeros días del mes resultan ser el período más frio de 1948. Aire polar cubre todo el país; regístranse valores térmicos de 5.0°a 10.0°C inferiores a la normal. El 6 desciende la temperatura hasta -5.9° C, marca mínima del año. La humedad absoluta alcanza también en estas circunstancias climáticas su valor mínimo anual con 2.4 mm.; la humedad relativa registra un valor extremadamente bajo para esta temporada con 21%. Durante todo este tiempo frío, el cielo se mantiene despejado. El viento del S es substituído el 9 por una corriente del N, con el consiguiente ascenso de la temperatura, aunque por poco tiempo, pues ya el 10 un nuevo empuje de aire polar hace descender el termómetro, si bien no en la forma de los días anteriores.

La segunda década es la antítesis de la primera: contínuo ascenso de la temperatura hasta valores estivales. Este proceso empieza el 12 con el cambio del viento al sector N. En los primeros días reina aún tiempo bueno con vientos suaves. La corriente del N se acentúa el 17 y 18 hasta asumir el carácter de aire tropical. En este último día el termómetro asciende a 28.8° C y la tensión del vapor alcanza los 15 mm. En un intervalo de 10 días la temperatura oscila en casi 35.0° C. Un nuevo frente frío y húmedo del atlántico origina el 19 un cambio completo del tiempo.

Desde el 20 al 23 vientos del sector SE tienden una capa de nieblas y nubes bajas en toda la zona del Río de la Plata. Durante estos cuatro días y en ambiente prácticamente saturado regístranse frecuentes lloviznas. Por la tarde del 23 baja la presión a su mínimo mensual; detrás de un frente frío avanza aire polar y seco hacia el Norte. En los días siguientes con cielo despejado se anotan las últimas temperaturas inferiores al punto de congelación. El anticiclón frío que atraviesa en este aire polar el Río de la Plata eleva el 28 la presión al valor más alto del año con 775.5 mm. En los tres últimos días del mes se observa un fuerte aumento de la temperatura y humedad provocado por el cambio del viento al sector N.

El promedio mensual de la presión es de 1 mb sobre el nivel normal y el de la temperatura de casi 2.0° C inferior al mismo importe, habiendo sido este mes el más frío del año en lugar de Julio, como lo es en general.

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	-65	-18	-37	0	2	-	-	-	5	62	71	58	71	66	66
2	36	44	48	46	46	48	34	32	52	64	56	67	71	73	58
3	40	44	62	69	75	85	98	121	121	98	105	108	110	89	89
4	52	87	117	151	107	126	73	82	87	121	149	143	123	103	91
5	62	64	64	64	66	58	48	56	66	80	82	65	60	50	56
6	56	107	126	107	80	87	80	110	158	153	126	89	78	64	66
7	56	62	75	66	50	26	18	36	62	80	89	54	42	38	40
8	46	42	44	52	62	58	73	87	91	119	123	89	94	98	80
9	75	96	103	91	73	58	45	62	75	80	89	85	89	60	62
10	62	66	71	54	-	-	-	-	-	-	40	42	38	9	34
11	42	50	42	30	40	69	71	75	75	87	66	62	46	50	50
12	126	153	199	80	121	80	73	94	78	114	80	66	56	85	135
13	58	60	56	56	71	85	89	96	103	110	107	120	110	89	85
14	14	14	-	-	-	-	-	-28	18	94	50	20	40	60	58
15	34	58	58	50	58	44	69	38	62	62	62	46	44	60	52
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	24	22	18	28	24	22	9	18	18	20	9	-25	-25	2	16
19	-	-	-	-	-	-	20	16	20	30	46	30	40	34	42
20	24	20	30	28	12	66	32	58	38	30	30	7	- 5	5	16
21	9	30	18	46	12	54	30	54	26	30	22	26	38	16	24
22	-	9	12	12	18	12	9	7	-	12	14	-	-	-	7
23	3	4	8	19	18	16	20	14	18	30	20	22	9	7	5
24	12	7	9	12	24	20	30	40	30	52	54	50	46	40	40
25	32	40	32	32	34	30	24	26	24	30	42	40	40	38	48
26	40	34	26	28	28	28	42	52	66	85	69	60	46	60	54
27	38	38	32	34	38	44	40	60	103	117	94	53	46	56	66
28	75	85	66	98	107	12	56	75	158	75	89	126	96	110	110
29	44	24	-	-	-	-	-	-	-	- 4	-10	30	40	14	54
30	46	38	36	46	50	38	34	38	22	40	51	40	42	40	38
31	56	64	73	89	98	98	52	82	73	87	101	90	56	94	137
Prom.	48.8	60.2	65.0	64.5	60.2	61.2	57.0	66.0	80.9	90.5	88.1	76.3	69.8	64.0	62.1

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " .10⁻⁴							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^-+\lambda^+$	λ^+/λ^-	λ^+	λ^-	$\lambda^-+\lambda^+$	λ^+/λ^-
1	10.56	10.56	21.12	1.00	8.46	8.65	17.11	0.93	0.66	0.59	1.25	1.12	0.62	0.58	1.20	1.07
2	-	-	-	-	8.95	10.50	19.45	0.85	0.66	0.49	1.15	1.35	0.48	0.53	1.01	0.90
3	11.43	9.80	21.24	1.17	14.77	12.81	27.58	1.16	0.38	0.37	0.75	1.03	0.29	0.42	0.71	0.69
4	5.08	4.54	9.62	1.10	8.63	8.95	17.57	0.97	0.44	0.51	0.95	0.86	0.69	0.54	1.23	1.28
5	12.71	11.08	23.80	1.14	9.23	9.68	18.91	0.95	0.71	0.87	1.58	0.82	0.80	0.66	1.46	1.21
6	4.25	10.75	15.01	0.39	11.77	9.98	21.75	1.18	0.68	0.90	1.58	0.76	0.75	1.08	1.83	0.69
7	-	-	-	-	9.98	11.74	21.72	0.85	0.56	0.58	1.14	0.96	0.64	0.83	1.47	0.77
8	6.80	9.29	16.09	0.74	8.86	9.07	17.94	0.98	0.58	0.66	1.24	0.88	0.39	0.56	0.95	0.70
9	6.53	8.35	14.88	0.77	7.45	7.45	14.90	1.00	0.56	0.86	1.42	0.65	0.77	0.97	1.74	0.79
10	3.45	2.98	6.43	1.15	9.24	9.46	18.70	0.98	0.38	0.37	0.75	1.03	0.98	0.91	1.89	1.08
11	9.93	9.20	19.14	1.08	9.90	11.13	21.03	0.89	0.64	1.03	1.67	0.62	-	-	-	-
12	3.30	6.28	9.58	0.52	3.30	3.34	6.63	0.98	0.26	0.62	0.88	0.42	0.37	0.32	0.69	1.16
13	6.23	8.75	14.97	0.72	9.80	9.81	19.61	1.00	0.60	0.50	1.10	1.20	0.61	0.68	1.29	0.90
14	5.68	4.85	10.53	1.17	6.59	7.42	14.01	0.89	0.19	0.35	0.54	0.54	0.73	0.84	1.57	0.87
15	4.68	4.69	9.37	0.98	4.15	4.17	8.32	0.98	0.37	0.36	0.73	1.03	0.46	0.48	0.94	0.96
16	2.46	2.84	5.29	0.89	-	-	-	-	0.15	0.17	0.32	0.88	0.26	0.21	0.47	1.24
17	8.03	7.66	15.68	1.05	2.60	3.23	5.84	0.79	0.55	0.64	1.19	0.86	0.34	0.40	0.74	0.85
18	3.44	6.00	9.43	0.58	4.18	4.78	8.96	0.86	0.44	0.60	1.04	0.73	0.66	0.74	1.40	0.89
19	2.75	4.48	7.22	0.60	3.01	4.51	7.52	0.67	0.36	0.45	0.81	0.80	0.58	0.61	1.19	0.95
20	-	-	-	-	-	-	-	-	0.30	0.47	0.77	0.64	0.59	0.63	1.22	0.94
21	-	-	-	-	-	-	-	-	0.37	0.42	0.79	0.88	0.83	0.92	1.75	0.90
22	-	-	-	-	-	-	-	-	0.36	0.49	0.85	0.73	0.75	0.86	1.61	0.87
23	-	-	-	-	-	-	-	-	0.34	0.30	0.64	1.13	-	-	-	-
24	-	-	-	-	7.04	9.21	16.25	0.77	0.45	0.47	0.92	0.96	0.89	0.92	1.81	0.97
25	2.92	6.92	9.84	0.42	11.25	12.08	23.32	0.93	0.37	0.44	0.81	0.84	1.13	1.13	2.26	1.00
26	9.29	10.93	20.22	0.84	12.83	13.51	26.34	0.94	0.89	0.81	1.70	1.10	0.96	0.86	1.82	1.12
27	8.74	10.70	19.44	0.82	7.79	10.31	18.10	0.76	0.79	1.04	1.83	0.76	0.98	1.24	2.22	0.79
28	6.61	7.44	14.05	0.89	6.81	6.75	13.56	1.01	0.62	0.60	1.22	1.03	0.60	0.60	1.20	1.00
29	7.98	10.86	18.83	0.74	11.06	11.31	22.37	0.97	0.47	0.45	0,92	1.04	0.76	0.66	1.42	1.15
30	4.18	2.53	6.71	1.67	2.81	4.32	7.12	0.65	0.45	0.62	1.07	0.72	0.45	0.70	1.15	0.64
31	1.29	2.60	3.89	0.50	1.57	2.46	4.03	0.64	0.15	0.21	0.36	0.71	0.17	0.17	0.34	1.00
Prom.	6.18	7.25	13.43	0.87	7.33	8.33	16.10	0.91	0.48	0.56	1.03	0.87	0.64	0.69	1.33	0.94

15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	Promedios	Máximo	Mínimo	Amplit.	Tipo de Curva
71	64	60	64	66	54	36	36	48		126	-201	327	2*
34	48	75	71	64	54	42	38	44	51.9	94	-	94	0
94	80	89	107	85	85	62	80	71	86.1	167	34	133	0
82	73	71	60	60	54	62	58	60	91.3	197	26	171	0
69	75	105	80	60	62	62	50	71	65.6	121	18	103	0
60	62	94	107	85	69	54	56	54	88.7	144	35	109	0
44	60	87	85	64	84	56	62	48	57.7	126	- 9	135	1
82	78	94	+∞	+∞	58	73	62	66		∞	38	-	0*
64	94	208	215	178	144	78	85	71	95.0	240	38	202	0
26	26	30	-	-	-	-	44	48		80	-18	98	1*
64	73	66	71	75	87	89	146	149	69.3	210	12	198	0
178	215	±∞	±∞	75	101	73	54	56		∞	-∞	-	3*
96	96	71	62	42	30	32	40	26	74.6	137	-52	189	1
54	56	64	75	64	75	75	80	78		128	-73	201	2*
64	66	69	87	38	64	75	18	20	54.1	158	-32	190	1
-	-	-	-	-	-	-	-	-		-	-	-	-
-	32	34	32	32	32	16	16	30		71	-39	110	1*
26	36	30	30	16	16	30	38	30		121	-231	352	2
44	30	30	20	-	-	-	24	22		101	-28	129	1*
14	14	9	5	- 2	5	- 4	- 5	5		149	-35	184	2
22	12	0	14	14	9	12	-	-		101	-46	147	2*
9	9	22	22	7	- 6	4	2	2		71	-26	97	2*
5	16	32	20	14	12	18	7	16		66	-23	89	2
44	69	112	123	85	75	62	52	14		151	-18	169	1
38	-48	14	50	42	42	44	50	38		80	-120	200	2
62	71	71	75	87	75	75	48	40	55.1	101	16	85	0
71	89	96	119	137	149	149	112	130	79.6	224	9	215	0
96	107	75	14	44	22	22	71	58		242	-63	305	2
66	50	58	62	71	82	110	54	50		162	-65	227	2*
52	107	89	91	36	26	40	54	54	47.8	∞	-99	-	1
-	-	-	-	-	-	34	44	44		206	- 5	211	1*
65.8	76.5	91.6	94.6	77.8	75.6	67.4	65.2	64.5	70.6				

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^-
64	58	71	2.42	2.84	916	681	1597	1.34	-	-
54	58	34	2.22	1.14	1190	1345	2535	0.88	0.61	0.59
114	110	89	2.75	2.11	1530	1593	3123	0.96	0.51	0.46
162	149	80	4.72	3.28	792	551	1343	1.44	1.15	1.79
71	66	73	3.48	3.55	1285	1589	2874	0.81	0.47	0.91
117	89	56	4.69	3.42	1247	1161	2408	1.07	0.58	0.34
80	56	45	2.13	2.25	1039	853	1892	1.22	0.37	-
114	89	85	3.68	2.69	1247	1224	2471	1.02	0.43	0.64
87	75	66	3.55	3.83	1289	1136	2425	1.13	0.62	0.64
-	-	-	-	-	394	425	819	0.93	0.44	-
71	69	64	3.84	-	1406	1366	2772	1.03	0.70	0.40
80	75	167	2.20	3.84	454	364	818	1.25	-	-
112	119	98	4.36	4.21	920	733	1653	1.26	0.86	0.73
38	9	54	0.16	2.83	509	180	689	2.83	-	2.10
69	46	66	1.12	2.07	368	454	822	0.81	0.53	0.40
-	-	-	-	-	226	245	471	0.92	-	1.62
-	-	30	-	0.74	614	454	1068	1.35	0.97	0.81
-39	-10	28	-0.35	1.31	226	368	594	0.61	-	-
48	30	40	0.81	1.59	610	226	836	2.70	0.97	-
38	- 7	14	-0.18	0.57	226	306	532	0.74	-	-
5	16	26	0.42	1.52	247	226	473	1.09	-	-
9	-	0	-	-	-	-	-	-	-	-
20	28	5	0.60	-	490	398	888	1.23	1.21	0.46
58	44	44	1.35	2.65	1075	1165	2240	0.92	0.66	1.52
50	36	18	0.97	1.36	614	398	1012	1.54	1.93	0.46
60	60	71	3.40	4.31	1075	1104	2179	0.97	0.51	0.90
89	80	64	4.88	4.74	920	907	1827	1.01	-	-
91	117	103	4.76	4.12	964	719	1683	1.34	0.57	0.22
5	14	62	0.43	2.93	735	907	1642	0.81	-	1.81
48	38	54	1.36	2.07	454	425	879	1.07	-	-
112	112	-	1.34	-	245	283	528	0.86	-	-
65	60	57	2.26	2.64	776	726	1503	1.17	0.74	0.88

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	61.1	60.7	60.3	60.0	59.9	59.9	60.0	60.0	59.8	60.0	59.8	59.2	58.6	58.3	58.1
2	59.0	59.3	59.1	58.8	58.8	59.2	59.8	60.0	60.0	60.2	60.3	59.8	58.9	58.6	58.4
3	60.3	59.7	59.3	58.9	58.7	58.8	58.7	58.5	58.3	58.0	57.7	57.1	56.4	55.6	55.0
4	56.6	56.6	56.6	56.7	57.1	57.2	57.5	57.7	58.0	58.2	58.5	58.3	57.7	57.6	57.4
5	62.2	62.1	62.3	62.2	62.1	62.4	62.8	63.3	63.6	63.6	63.6	63.6	63.2	62.8	62.6
6	63.8	64.1	63.7	63.6	63.5	63.6	63.4	64.0	64.4	64.4	64.7	64.7	63.8	63.4	63.1
7	65.9	65.9	65.8	65.7	65.7	66.1	67.2	67.8	68.1	68.3	68.3	67.8	67.2	67.0	66.9
8	69.1	69.1	68.6	68.4	68.5	68.8	68.7	69.0	69.0	69.1	69.1	68.4	67.7	67.4	67.1
9	66.2	66.2	65.9	65.6	65.5	65.6	65.7	65.8	65.8	65.5	65.2	64.6	63.6	63.2	62.4
10	62.8	62.4	61.7	61.5	61.4	61.3	61.3	61.5	61.2	60.9	61.2	60.1	59.6	59.4	59.3
11	61.2	61.1	61.1	61.2	61.4	61.9	62.2	62.8	62.8	62.8	62.8	62.3	61.7	61.6	61.3
12	61.9	61.6	61.4	61.4	61.6	61.5	61.1	61.8	62.3	62.3	61.9	61.8	61.8	61.8	61.6
13	64.0	63.9	63.8	63.9	64.4	64.9	65.6	66.1	66.2	66.2	66.0	65.4	65.4	64.8	64.5
14	64.8	64.5	64.2	64.1	64.1	64.2	64.4	65.0	65.1	64.9	65.1	64.7	64.2	63.8	63.4
15	63.9	63.7	63.3	62.7	62.7	62.5	62.7	62.8	63.0	63.0	62.6	61.8	61.0	60.2	59.7
16	61.4	61.6	61.7	62.0	62.4	63.1	63.9	64.7	64.8	64.9	64.5	63.8	63.4	63.4	63.3
17	61.9	61.5	61.1	60.8	60.4	60.2	59.9	59.6	59.6	59.4	58.7	57.8	56.6	56.0	55.6
18	56.6	56.3	56.2	56.1	56.0	56.2	56.4	56.8	56.9	56.8	56.3	55.7	55.3	54.6	54.4
19	58.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	57.7	56.9	56.3	55.3	54.6	54.2
20	56.3	56.6	56.6	57.0	57.3	57.5	58.0	58.3	58.2	57.8	57.4	56.8	56.2	55.6	55.5
21	55.8	55.5	55.1	55.0	55.1	55.1	55.4	55.6	55.8	55.8	55.7	55.1	55.1	54.6	54.4
22	56.0	56.3	56.0	55.6	55.6	55.9	56.2	56.2	56.0	55.9	55.9	55.6	55.0	54.4	54.3
23	57.0	56.9	56.5	56.5	56.3	56.2	56.5	56.6	56.3	56.0	55.2	54.1	53.5	53.0	52.8
24	55.0	55.0	55.0	55.2	55.5	56.1	56.5	57.2	57.4	57.5	57.8	57.4	57.4	57.6	57.7
25	61.4	61.8	61.4	60.6	60.1	60.2	60.8	61.1	61.2	61.1	61.3	60.9	61.0	61.1	61.5
26	66.2	66.3	66.5	66.5	66.8	67.2	67.2	68.2	68.5	68.6	68.6	68.7	68.4	68.6	69.0
27	71.3	71.3	71.3	71.3	71.9	72.8	73.3	74.2	74.4	74.6	74.4	74.1	73.6	73.3	73.3
28	75.3	75.1	74.6	74.7	75.1	75.3	75.5	75.5	75.2	75.0	74.7	73.7	72.9	72.4	71.6
29	69.1	68.9	68.4	68.2	68.2	68.4	68.4	68.8	68.5	68.2	67.5	66.7	65.5	64.4	63.8
30	64.0	64.0	64.0	63.8	63.8	63.7	64.2	64.4	64.1	64.1	64.0	63.4	62.7	62.2	61.8
31	63.9	63.9	63.8	63.8	64.0	64.6	65.2	66.0	66.0	66.5	66.7	66.4	66.0	65.8	65.6
Prom	62.3	62.3	62.0	61.9	62.0	62.2	62.5	62.8	62.9	62.8	62.7	62.1	61.6	61.2	61.0

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	9.2	9.1	9.2	9.1	9.0	8.5	8.6	8.6	8.7	9.3	10.9	11.5	12.6	13.0	13.2
2	4.6	3.9	3.0	2.7	2.1	1.7	1.6	1.6	3.2	3.6	5.0	6.5	7.6	8.2	8.6
3	-1.6	-1.5	-1.7	-1.7	-2.1	-2.1	-1.7	0.4	4.0	7.9	10.6	12.5	13.5	14.2	14.5
4	5.0	3.0	2.1	1.5	1.5	1.5	1.2	2.6	6.0	7.5	9.2	10.1	10.6	11.0	11.1
5	0.6	-0.1	-0.1	-0.3	-0.4	-1.4	-2.0	-0.8	1.9	4.7	6.7	7.7	8.1	8.4	8.4
6	-3.0	-3.3	-3.0	-2.8	-1.9	-2.3	-2.3	1.0	3.6	6.2	7.9	8.4	8.5	8.4	8.3
7	1.0	0.1	-0.4	-0.5	-0.5	-0.4	-0.3	0.8	2.7	5.0	6.8	7.5	7.8	8.0	7.9
8	-1.2	-1.4	-1.8	-2.1	-3.4	-3.3	-3.2	-0.2	2.5	5.7	7.0	7.9	6.6	9.3	9.2
9	2.2	1.8	1.4	1.2	1.1	1.2	1.1	3.0	5.7	8.5	10.6	11.3	11.9	12.0	12.0
10	6.2	6.2	6.3	6.2	5.9	5.8	5.4	5.4	5.7	6.5	7.1	7.6	7.6	7.6	7.5
11	3.6	3.8	4.2	4.4	3.9	2.7	2.2	3.4	5.0	8.1	10.0	11.4	12.3	12.9	13.2
12	0.0	-0.3	-0.4	-0.1	0.7	1.5	2.3	3.4	4.9	7.3	8.6	11.5	11.1	11.1	11.6
13	4.5	4.3	2.6	2.1	1.7	0.9	0.4	3.1	5.5	8.4	10.8	12.1	13.4	14.2	14.2
14	1.7	1.8	2.5	2.9	3.1	3.2	2.7	7.1	10.3	13.8	16.4	18.0	18.7	18.8	19.4
15	7.3	7.4	7.5	7.8	7.6	6.6	6.1	9.3	12.0	14.3	16.7	18.3	19.6	20.2	20.6
16	4.5	3.2	4.9	4.4	4.1	3.9	5.0	6.4	6.4	7.3	8.8	11.8	12.4	12.5	12.4
17	9.3	9.4	9.3	9.5	9.9	10.5	10.6	11.6	12.8	14.1	16.6	19.3	21.1	21.8	23.8
18	19.3	19.5	19.0	18.4	18.0	18.0	18.2	18.8	20.1	21.5	24.7	26.7	27.9	28.8	28.9
19	18.4	17.2	15.9	14.5	13.5	13.4	13.7	14.5	16.0	17.5	19.6	21.1	23.0	23.5	23.5
20	11.6	11.3	11.0	10.7	10.6	10.4	10.4	10.4	10.5	10.7	11.4	12.0	12.6	12.8	12.9
21	11.6	11.3	11.3	11.3	11.4	11.4	11.0	11.0	11.1	11.1	11.5	12.1	12.7	13.2	13.2
22	12.2	12.2	12.2	11.9	11.6	11.3	11.1	10.8	10.9	10.9	11.6	11.8	12.0	12.0	11.9
23	11.1	10.5	10.3	10.3	10.3	10.3	9.5	9.0	9.1	9.5	9.8	10.9	11.7	12.6	12.6
24	11.2	11.2	11.2	10.9	10.9	10.6	10.6	10.8	10.8	12.5	14.5	15.7	16.4	16.9	16.3
25	6.7	6.7	6.7	6.1	6.2	6.3	6.3	6.4	6.7	7.8	8.9	9.3	10.7	10.6	9.6
26	4.3	3.6	3.7	3.8	3.6	3.7	3.0	5.0	5.1	7.2	7.5	7.4	7.4	7.8	7.6
27	3.6	3.7	3.6	2.8	2.1	1.6	1.0	3.4	5.7	8.0	8.4	9.2	9.4	9.6	10.1
28	-0.2	-0.6	-0.4	-0.8	-1.3	-2.1	-1.9	3.2	7.3	9.0	9.9	10.3	11.1	11.1	10.8
29	5.2	5.4	5.1	5.0	4.7	4.5	4.7	6.4	9.7	11.7	14.2	15.5	16.8	16.9	17.6
30	9.4	8.3	7.7	7.8	5.9	6.4	8.0	11.0	13.7	16.8	19.0	21.1	22.4	23.4	23.9
31	14.2	14.0	13.7	13.7	13.8	13.9	13.7	14.4	16.3	17.7	19.7	19.3	18.1	17.1	17.1
Prom	6.2	5.9	5.7	5.5	5.3	5.1	5.1	6.5	8.2	10.0	11.6	12.8	13.5	13.8	13.9

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
57.8	57.9	58.3	58.5	58.4	58.6	58.8	58.9	59.0	61.1	1	57.8	15	3.3	759.2 mm.	1012.1 mb.
58.7	59.3	59.8	60.2	60.2	60.3	60.3	60.4	60.4	60.4	23-24	58.4	15	2.0	59.6	1012.8
55.0	54.9	55.0	55.4	55.6	55.8	56.0	56.3	56.5	60.3	1	54.9	17	5.4	57.2	1009.6
57.9	58.2	58.7	59.5	60.5	60.9	61.5	61.8	61.9	61.9	24	56.6	1-3	5.3	58.4	1011.2
62.8	62.8	63.3	63.8	63.8	63.9	63.9	64.0	64.0	64.0	23-24	62.1	2,5	1.9	63.1	1017.4
63.5	63.7	63.9	64.6	64.6	64.9	65.4	65.6	65.8	65.8	24	63.1	15	2.7	64.2	1018.9
67.1	67.3	67.5	68.1	68.2	68.4	68.5	68.8	69.0	69.0	24	65.7	4-5	3.3	67.4	1023.2
66.8	66.8	66.9	67.0	66.8	66.4	66.6	66.4	66.4	69.1	1-2,10-11	66.4	21,23-24	2.7	67.8	1023.7
62.2	62.2	62.3	62.6	62.7	62.9	62.9	63.1	63.0	66.2	1-2	62.2	16-17	4.0	64.2	1018.9
58.8	59.1	60.4	60.8	61.0	60.9	61.1	61.2	61.2	62.8	1	58.8	16	4.0	60.8	1014.4
61.4	61.5	61.7	61.8	61.8	61.9	62.3	62.1	62.0	62.8	8-11	61.1	2-3	1.7	61.9	1015.8
61.6	62.0	62.0	62.6	62.8	63.1	63.5	63.7	63.8	63.8	24	61.1	7	2.7	62.1	1016.1
64.7	64.8	65.0	65.0	65.0	65.0	64.5	64.4	64.9	66.2	9-10	63.8	3	2.4	64.9	1019.8
63.0	63.4	63.6	63.8	63.8	63.9	63.8	64.0	63.9	65.1	9,11	63.0	16	2.1	64.2	1018.9
59.6	59.8	60.1	60.3	60.6	60.8	61.3	61.4	61.4	63.9	1	59.6	16	4.3	61.7	1015.6
63.1	62.8	62.9	62.6	63.0	62.6	62.5	62.3	62.0	64.9	10	61.4	1	3.5	63.0	1017.3
55.2	55.1	55.1	55.6	55.8	56.0	56.1	56.2	56.4	61.9	1	55.1	17-18	6.8	57.9	1010.5
54.4	54.7	55.1	55.5	56.0	56.5	56.8	57.0	58.1	58.1	24	54.4	15-16	3.7	56.0	1008.0
54.5	54.6	54.7	54.8	55.0	55.2	55.9	56.2	56.2	58.3	1	54.2	15	4.1	56.5	1008.6
55.7	55.7	55.9	56.1	56.2	56.3	56.1	56.0	56.1	58.3	8	55.5	15	2.8	56.6	1008.8
54.2	54.3	54.8	55.4	55.2	55.4	55.7	55.7	55.8	55.8	1,9-10,24	54.2	16	1.6	55.2	1006.9
54.4	55.0	55.4	55.6	56.0	56.5	56.5	56.2	56.8	56.8	24	54.3	15	2.5	55.7	1007.6
52.4	53.0	53.3	53.9	53.8	53.8	53.9	54.7	54.4	57.0	1	52.4	16	4.6	54.9	1006.5
58.1	58.9	59.2	59.5	60.1	61.0	61.0	60.9	61.0	61.0	21-22,24	55.0	1-3	6.0	57.8	1010.4
61.9	62.0	62.4	63.2	64.0	64.6	64.6	65.5	65.8	65.8	24	60.1	5	5.7	62.1	1015.1
68.9	69.2	69.2	69.5	70.0	70.4	70.8	71.2	71.3	71.3	24	66.2	1	5.1	68.6	1024.8
73.4	73.8	74.0	74.4	75.0	75.0	75.3	75.1	75.2	75.3	22	71.3	1-4	4.0	73.6	1031.4
71.4	71.3	71.2	71.0	70.9	70.8	70.6	70.1	69.6	75.5	7-8	69.6	24	5.9	73.1	1030.8
63.5	63.5	63.7	64.0	63.9	64.1	64.1	63.7	63.6	69.1	1	63.5	16-17	5.6	66.1	1021.4
61.9	61.9	62.2	62.6	62.7	63.3	63.5	63.8	63.8	64.4	8	61.8	15	2.6	63.3	1017.7
65.6	65.6	65.6	66.0	66.2	66.4	66.5	66.6	66.4	66.7	11	63.8	3-4	2.9	65.6	1020.8
61.0	61.1	61.4	61.7	61.9	62.1	62.3	62.4	62.4	64.0		60.2		3.8	62.0	1016.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.5	11.8	10.4	9.2	7.6	6.2	5.5	5.2	5.3	13.2	15	5.2	23	8.0	9.3
7.6	6.2	4.2	3.2	2.2	1.8	-0.6	-1.3	-1.9	8.6	15	-1.9	24	10.5	3.6
14.5	12.3	7.9	7.0	5.9	5.6	5.1	4.8	3.7	14.5	15-16	-2.1	5-6	16.6	5.5
9.8	8.6	6.9	5.2	3.9	3.8	3.6	2.7	1.4	11.1	15	1.2	7	9.9	5.4
8.3	7.2	5.1	3.3	1.3	1.2	0.5	-1.1	-3.0	8.4	14-15	-3.0	24	11.4	2.7
8.0	7.2	5.0	4.0	3.4	2.9	2.3	1.9	1.4	8.5	13	-3.3	2	11.8	2.9
7.8	8.0	4.9	3.3	2.2	1.6	0.9	-0.2	-0.4	8.0	14,17	-0.5	4-5	8.5	3.1
9.2	8.1	5.6	4.1	2.2	2.5	2.5	2.6	2.6	9.3	14	-3.4	5	12.7	3.0
12.0	11.3	9.3	8.2	7.6	7.4	7.2	7.1	6.4	12.0	14-16	1.1	5,7	10.9	6.7
7.3	7.3	6.5	5.4	5.3	5.3	4.0	3.4	3.5	7.6	12-14	3.4	23	4.2	6.0
12.9	11.5	8.1	4.7	3.0	2.0	1.0	0.9	0.3	13.2	15	0.3	24	12.9	6.1
10.8	9.7	8.4	6.7	5.4	4.6	4.0	4.0	4.3	11.6	15	0.4	3	11.2	5.5
13.6	12.2	9.4	6.8	3.9	3.0	1.9	2.1	1.7	14.2	14-15	0.4	7	13.8	6.4
19.0	18.3	14.2	12.1	10.2	8.6	8.2	8.0	6.3	19.4	15	1.7	1	17.7	10.2
20.2	18.3	14.2	11.1	8.4	6.8	6.6	6.7	5.4	20.6	15	5.4	24	15.2	11.6
12.3	11.2	9.2	8.5	8.2	8.3	8.5	9.0	9.1	12.5	14	3.2	2	9.3	8.0
23.6	21.0	19.4	19.0	18.2	18.0	18.4	18.5	18.4	23.8	15	9.3	1,3	14.5	16.0
28.4	26.1	23.7	22.5	21.2	20.7	20.4	19.4	19.2	28.9	15	18.0	5-6	10.9	22.1
23.6	22.7	20.7	19.8	16.8	15.2	14.3	13.4	12.2	23.6	16	12.2	24	11.4	17.7
12.8	12.6	12.4	12.2	11.7	11.6	11.7	11.7	11.7	12.9	15	10.4	6-8	2.5	11.6
13.1	12.7	12.6	12.5	12.3	12.3	12.2	12.2	12.2	13.2	14-15	11.0	7-8	2.2	12.0
11.9	11.6	11.5	11.5	11.4	11.1	10.7	10.7	11.1	12.2	1-3	10.8	8	1.4	11.5
12.5	12.5	12.3	12.2	11.6	11.2	11.3	11.3	11.3	12.6	14-15	9.0	8	3.6	11.0
14.8	13.1	11.2	9.5	8.3	7.5	6.5	6.7	6.7	16.9	14	6.5	22	10.4	11.4
9.2	9.0	8.1	7.2	6.8	6.5	5.7	4.7	4.6	10.7	13	4.6	24	6.1	7.4
7.5	7.4	6.2	4.8	4.6	4.2	3.5	3.4	3.5	7.8	14	3.0	7	4.8	5.2
9.7	9.5	7.5	4.9	3.1	1.9	1.0	0.7	0.3	10.1	15	0.3	24	9.8	5.0
10.4	9.3	7.2	6.0	5.4	4.1	4.9	5.3	5.1	11.1	13-14	-2.1	6	13.2	5.1
17.5	16.0	14.3	11.5	9.6	9.1	8.3	10.6	10.1	17.6	16	4.5	6	13.1	10.4
22.1	20.2	17.4	16.0	15.4	15.3	14.9	14.3	14.4	23.9	15	5.9	5	18.0	14.8
17.1	15.9	14.4	13.7	12.2	12.1	12.2	11.5	11.3	19.7	11	11.3	24	8.4	14.9
13.6	12.5	10.6	9.2	8.0	7.5	7.0	6.8	6.4	14.1		4.0		10.1	8.8

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	98	99	99	99	97	90	97	97	84	89	79	70	61	62	61
2	93	93	94	92	89	94	89	89	84	79	73	67	61	52	38
3	83	84	86	84	87	86	80	75	64	49	40	34	27	26	21
4	59	71	80	84	83	88	94	89	73	67	60	57	51	45	41
5	76	76	74	77	77	77	79	73	65	47	35	31	31	32	33
6	93	89	92	90	85	91	91	79	63	52	43	38	34	34	34
7	73	80	82	84	88	90	90	86	76	63	51	46	41	39	39
8	81	87	90	91	94	93	92	81	73	60	44	41	40	41	40
9	71	69	72	73	74	74	73	66	59	48	39	37	37	37	38
10	70	71	70	74	78	80	80	78	73	69	66	69	70	72	72
11	93	93	96	94	91	89	91	70	57	55	46	39	36	33	30
12	81	81	80	81	82	80	78	80	72	56	50	39	38	41	40
13	73	74	79	82	83	86	88	80	82	74	66	62	57	55	54
14	98	99	98	95	95	94	91	80	64	50	42	38	40	42	34
15	91	92	89	90	96	100	100	92	67	57	47	41	38	35	35
16	95	96	100	100	98	100	100	100	99	99	87	66	63	65	65
17	88	87	86	86	85	84	85	78	72	67	63	59	58	58	55
18	72	71	72	76	77	76	74	72	66	62	51	44	40	40	41
19	80	87	88	95	96	95	91	87	83	88	69	66	61	60	62
20	96	98	98	99	99	99	100	100	100	100	98	94	93	93	92
21	97	99	98	99	99	98	98	98	99	99	97	94	91	88	89
22	98	98	97	97	97	96	96	97	97	98	96	94	96	98	98
23	97	94	97	99	99	99	99	100	100	99	99	99	98	98	97
24	99	100	99	98	97	95	93	93	88	73	68	61	56	50	46
25	90	89	88	88	86	86	85	83	81	76	72	71	67	68	72
26	80	83	83	84	87	88	91	81	78	67	63	61	59	56	55
27	84	87	92	95	98	100	100	90	74	60	55	50	49	47	44
28	85	90	85	87	87	83	84	66	56	50	48	48	47	48	50
29	76	78	78	78	79	81	83	79	69	57	51	46	41	40	36
30	75	82	83	85	92	92	87	73	67	59	53	50	46	45	42
31	76	79	81	80	78	77	80	76	68	59	50	53	56	58	58
Prom.	85	86	87	88	89	89	89	84	76	69	61	57	54	54	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	8.0	8.0	8.0	8.0	8.0	7.2	8.0	8.1	6.8	7.6	7.4	6.8	6.8	6.9	7.0
2	5.8	5.6	5.2	5.0	4.6	4.6	4.4	4.6	4.6	4.4	4.6	4.8	4.8	4.2	3.0
3	3.2	3.4	3.4	3.2	3.4	3.4	3.0	3.5	3.8	3.8	3.6	3.4	3.2	3.2	2.8
4	3.6	4.0	4.0	4.2	4.2	4.4	4.6	4.9	5.0	5.2	5.0	5.2	5.0	4.4	4.2
5	3.6	3.4	3.2	3.4	3.4	3.2	3.0	3.2	3.2	3.0	2.4	2.4	2.6	2.7	2.6
6	3.4	3.0	3.4	3.2	3.2	3.6	3.6	4.0	3.6	3.6	3.4	3.0	2.6	2.9	2.6
7	3.4	3.6	3.6	3.6	3.8	3.8	3.8	4.2	4.2	4.0	3.8	3.6	3.2	3.1	3.0
8	3.4	3.6	3.4	3.6	3.2	3.2	3.2	3.8	3.8	3.8	3.2	3.4	3.0	3.6	3.2
9	3.8	3.4	3.6	3.6	3.6	3.6	3.6	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.8
10	4.6	5.0	4.8	5.0	5.2	5.2	5.2	5.3	4.8	4.8	5.0	5.2	5.2	5.6	5.6
11	5.4	5.4	6.0	5.8	5.6	4.8	4.8	4.1	3.6	4.4	4.2	3.8	4.0	3.7	3.0
12	3.8	3.6	3.4	3.6	3.8	3.8	4.0	4.7	4.6	4.4	3.8	3.8	3.6	4.0	3.8
13	4.4	4.4	4.2	4.4	4.2	4.2	4.0	4.6	5.4	5.8	6.6	6.6	6.6	6.6	6.2
14	5.0	5.0	5.2	5.2	5.2	5.2	5.0	6.0	5.8	5.6	5.8	5.8	6.0	7.0	5.4
15	7.0	7.0	6.6	6.8	7.4	7.0	6.8	8.0	7.0	7.0	6.6	6.6	6.4	6.3	5.8
16	5.8	5.6	6.2	6.0	5.8	5.8	6.2	7.2	7.0	7.4	7.4	6.8	6.6	7.1	6.6
17	7.6	7.6	7.6	7.6	7.4	7.8	7.8	8.0	7.8	8.0	8.5	9.5	10.5	11.2	11.5
18	12.0	12.0	11.5	12.0	11.5	11.5	11.0	11.5	11.5	11.5	12.0	11.0	10.5	11.6	12.5
19	12.0	12.5	11.5	11.0	11.0	10.5	10.5	10.8	11.0	13.0	11.5	12.5	13.0	13.0	13.5
20	9.5	9.5	9.5	9.0	9.0	9.0	9.0	9.4	9.0	9.0	9.5	9.5	10.0	10.2	10.0
21	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.5	9.5	9.5	9.5	10.0	10.0	9.5
22	10.0	10.0	10.0	10.0	9.5	9.5	9.5	9.4	9.0	9.0	9.5	9.5	10.0	10.2	10.0
23	9.5	8.5	9.0	9.0	9.0	9.0	8.5	8.6	8.0	8.5	8.5	9.0	10.0	10.6	10.5
24	9.5	9.5	9.5	9.0	9.0	8.5	8.5	8.9	8.0	7.8	8.0	8.0	7.8	7.1	6.6
25	6.4	6.4	6.4	6.0	6.2	6.2	5.8	6.0	6.0	6.0	6.0	6.2	6.4	6.4	6.4
26	4.8	4.8	4.8	4.8	5.0	5.2	5.2	5.3	5.0	5.0	4.8	4.6	4.4	4.5	4.0
27	4.8	5.2	5.4	5.0	5.2	5.0	4.8	5.3	4.8	4.6	4.2	4.0	4.2	4.2	3.8
28	3.6	3.6	3.6	3.8	3.6	3.2	3.2	3.8	4.4	4.0	4.2	4.4	4.6	4.8	4.6
29	5.0	5.2	5.0	5.0	4.8	5.2	5.2	5.7	6.0	5.8	6.2	6.2	6.0	5.7	5.6
30	6.4	6.6	6.4	6.4	6.4	6.6	7.0	7.2	7.8	8.0	8.5	8.5	9.5	9.6	9.0
31	9.0	9.0	9.5	9.0	9.0	9.0	9.0	9.3	9.0	8.5	8.0	8.5	8.5	8.4	8.0
Prom.	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.4	6.2	6.4	6.3	6.3	6.4	6.5	6.3

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
6.6	6.8	7.2	7.0	7.1	6.4	6.2	6.0	6.0	8.1	8	6.0	23-24	2.1	7.2
3.2	3.2	3.4	3.2	3.5	3.2	3.4	3.6	3.2	5.8	1	3.0	15	2.8	4.2
2.8	3.4	3.8	3.8	4.6	4.2	4.0	4.2	4.0	4.6	20	2.8	15-16	1.8	3.6
3.4	3.8	4.2	3.8	3.8	3.6	4.0	3.6	3.8	5.2	10,12	3.4	16	1.8	4.2
2.6	2.8	3.4	3.6	3.6	3.2	3.6	3.4	3.2	3.6	1,19-20,22	2.4	11-12	1.2	3.1
2.6	3.2	3.4	3.4	3.4	3.2	3.0	3.2	3.0	4.0	8	2.6	13,15-16	1.4	3.2
2.8	3.4	3.4	3.6	3.5	3.4	3.4	3.4	3.4	4.2	8-9	2.8	16	1.4	3.5
3.2	3.4	3.8	4.0	3.8	3.8	3.6	4.0	4.0	4.0	19,23-24	3.0	13	1.0	3.5
3.8	3.6	4.0	5.0	5.1	5.2	5.0	5.0	4.8	5.2	21	3.4	2	1.8	4.0
5.8	5.8	5.8	5.8	5.7	5.8	5.6	5.6	5.6	5.8	16-19,21	4.6	1	1.2	5.3
3.0	3.2	4.2	4.0	3.8	3.4	3.4	3.4	3.6	6.0	3	3.0	15-16	3.0	4.2
4.0	4.2	4.6	4.6	4.6	4.6	4.4	4.4	4.4	4.7	8	3.4	3	1.3	4.1
6.6	6.6	6.8	5.6	5.6	5.4	4.8	5.0	5.0	6.8	18	4.0	7	2.8	5.4
5.2	6.6	6.8	7.0	7.2	6.8	6.6	6.6	6.6	7.2	20	5.0	1-2,7	2.2	5.9
6.6	7.4	8.0	7.6	7.2	6.4	6.6	6.4	6.2	8.0	8,18	5.8	15	2.2	6.9
7.2	7.2	7.0	6.8	7.0	6.6	6.8	7.0	7.4	7.4	10-11,24	5.6	2	1.8	6.7
12.5	11.5	11.0	11.0	11.0	11.0	11.0	11.5	11.0	12.5	16	7.4	5	5.1	9.6
12.0	12.0	12.5	12.5	12.2	12.0	12.0	12.0	12.0	12.5	15,18-19	10.5	13	2.0	11.8
13.5	14.5	15.0	14.0	12.3	11.0	11.0	10.5	9.5	15.0	18	9.5	24	5.5	12.0
10.0	10.0	9.5	9.5	9.9	9.5	10.0	9.0	10.0	10.2	14	9.0	4-7,9-10,23	1.2	9.5
9.5	10.0	10.0	10.5	10.5	10.0	10.0	10.0	10.0	10.5	19-20	9.5	2-7,9-12,15-16	1.0	9.8
10.0	9.5	9.5	9.5	9.8	9.5	9.0	9.0	9.5	10.2	14	9.0	9-10,22-23	1.2	9.6
10.5	10.5	10.0	10.0	9.1	9.5	9.5	9.5	9.5	10.6	14	8.0	9	2.6	9.4
6.0	5.8	6.2	6.0	6.6	6.4	6.2	6.6	6.6	9.5	1-3	5.8	17	3.7	7.5
6.2	5.8	5.8	5.8	5.8	5.6	5.6	5.2	5.2	6.4	1-3,13-15	5.2	23-24	1.2	6.0
4.0	4.4	4.6	4.6	4.8	5.0	5.0	4.8	4.8	5.3	8	4.0	15-16	1.3	4.8
4.2	4.2	4.0	4.2	4.5	4.2	4.0	3.8	3.8	5.4	3	3.8	15,23-24	1.6	4.5
4.8	5.0	5.4	5.4	5.9	5.2	4.6	4.8	5.0	5.9	20	3.2	6-7	2.7	4.4
5.6	5.8	6.4	6.8	6.8	6.6	6.6	6.8	6.6	6.8	19-20,23	4.8	5	2.0	5.9
9.0	9.0	9.0	9.0	8.8	8.5	9.0	8.5	8.5	9.6	14	6.4	1,3-5	3.2	8.0
8.0	8.0	8.0	8.5	8.7	8.5	8.5	8.5	9.0	9.5	3	8.0	11,15-18	1.5	8.6
6.3	6.5	6.7	6.6	6.6	6.4	6.3	6.3	6.3	7.4		5.3		2.1	6.3

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
SW	8	W	5	W	5	W	2	SW	4	SW	8	SW	10	SW	10	SW	10	SW	20	8	19	SW	12.11
SW	22	SW	19	SW	13	SW	13	SW	9	SW	5	W	5	NW	4	NW	7	SW	16	14	33	SW	10.34
NW	24	NW	13	NW	9	NW	8	NW	15	NW	13	NW	14	s/R	-	s/R	-	NW	22	15	32	NW	11.24
S	7	S	5	S	4	S	5	S	7	S	6	S	6	SW	5	SW	4	S	10	6	11	SW	15.04
SW	14	SW	11	SW	5	SW	5	W	6	SW	5	SW	4	W	3	W	2	SW	19	8	26	SW	10.53
SW	6	SW	5	SW	4	SW	4	SW	5	SW	6	SW	6	SW	6	SW	10	SW	18	5	10	S	12.43
SW	17	SW	14	SW	9	SW	6	SW	9	W	9	W	6	W	7	SW	7	SW	21	11	27	SW	14.12
NW	6	N	4	N	4	NE	3	NE	7	NE	9	NE	9	NE	12	NE	13	W	10	7	11	W	14.09
NE	22	NE	14	E	8	E	8	E	10	E	12	E	14	E	13	E	10	NE	17	15	23	NE	14.48
SE	6	SE	6	SW	4	SW	7	SW	10	SW	13	SW	10	SW	10	W	11	SE	8	9	14	SW	20.12
W	15	W	9	W	3	W	5	NW	3	NW	4	NW	4	NW	2	NW	4	W	12	12	29	SW	11.28
N	16	N	9	N	7	NE	4	N	4	N	4	N	6	N	6	N	10	N	17	8	17	N	14.40
W	7	W	4	W	5	W	6	W	4	NW	2	Calma	1	NE	4	NE	4	W	8	6	11	W	13.12
SW	8	SW	3	Calma	1	SE	2	SE	3	SE	4	SW	5	SE	4	E	5	N	7	9	29	NW	10.20
NW	9	NW	5	NW	2	E	3	SE	2	E	3	E	4	Calma	1	NE	2	E	11	7	18	NW	12.03
E	16	E	11	SE	10	SE	12	E	11	E	12	E	17	E	16	E	17	SE	14	12	24	E	14.28
NE	19	NE	15	NE	14	NE	16	NE	18	NE	21	NE	22	NE	22	NE	19	NE	15	18	23	NE	22.07
N	20	N	13	NE	9	NE	10	NE	12	NE	11	NE	14	NE	13	SW	9	NE	14	22	30	N	9.20
NW	6	W	4	Calma	1	S	3	S	5	S	7	S	6	S	6	S	8	S	7	8	12	NE	10.26
SE	7	SE	9	SE	10	SE	11	SE	11	SE	9	SE	9	SE	10	E	7	SE	15	7	11	SE	19.15
SE	4	SE	4	SE	3	SE	3	SE	3	SE	4	SE	5	SE	7	SE	6	SE	14	3	6	SE	22.32
SE	8	SE	8	SE	8	SE	8	SE	9	SE	8	SE	7	SE	9	SE	6	SE	23	6	12	SE	14.56
SE	7	SE	8	SE	9	S	7	S	10	SE	8	S	7	S	6	S	7	SE	17	8	14	SE	11.38
SE	17	SE	14	SE	10	SE	7	SE	7	SE	6	SE	5	SE	9	SE	12	SE	17	12	29	SE	15.24
SE	13	SE	15	SE	15	SE	14	SE	14	SE	12	SE	11	SE	11	SE	9	SE	23	12	21	SE	18.16
S	6	S	6	S	3	S	3	SW	2	SW	3	SW	2	SW	5	SW	4	S	15	6	10	S	8.05
SE	4	SE	5	SE	3	SE	3	Calma	1	Calma	1	SE	2	SE	4	SE	3	SE S	8	5	10	S	12.42
NE	13	E	18	E	10	E	9	E	8	E	4	NE	11	NE	14	NE	12	SE NE	9	8	14	NE	12.23
N	25	N	17	NE	7	NE	5	NE	8	NE	9	NE	7	NE	13	NE	14	NE	18	17	33	N	9.37
E	7	E	9	E	9	E	9	E	8	E	8	E	9	E	9	NE	12	NE	18	8	17	N	10.41
SE	12	E	10	E	10	E	9	SE	7	SE	8	E	9	SE	8	SE	7	E	17	8	19	E	11.43
SE		SE		SE		SE		SE		SE		SE-SW		SE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
9		8		8		8		8		8		8		8		7		SE	169	10	DIRECCIÓN	DÍA	HORA
	12		9		7		7		7		8		8		8		8				NE N NE	9 18 29	de 11.30 a 11.45 de 10.45 a 11.00 de 13.15 a 13.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1											20	166	4	19				185
2											16	255	6	67	2	11		333
3															22	329		329
4							4	26	10	57	2	9						92
5											19	151	5	32				193
6									4	14	18	109	1	3	1	5		131
7											21	244	3	22				266
8	2	8	6	53							2	8	10	68	4	25		162
9			17	293	7	75												368
10			2	30	6	63	8	53	1	4	6	54	1	11				215
11											7	116	12	145	5	17		278
12	17	142	4	25	1	6									2	29		202
13			2	8					2	12	4	25	8	45	7	51	1	142
14	7	65	1	7	1	5	4	13			4	26	3	44	2	45	2	207
15	2	21	2	7	11	68	1	2							7	75	1	174
16					10	156	14	122										278
17			15	281	9	144												425
18	9	242	14	273							1	9						524
19	2	26	3	44	4	45	4	25	7	38	1	5	1	4	1	6	1	194
20					1	7	15	120	8	49								176
21							14	55	8	20							2	77
22							23	152	1	3								155
23							17	133	7	50								183
24							17	224	6	57	1	13						294
25							23	292	1	9								301
26							1	10	15	93	8	35						138
27							8	32	8	52	6	29					2	115
28	1	10	9	110	5	49	9	36										205
29	6	153	18	255														408
30			10	87	8	68									5	49	1	205
31					17	142	7	62										204
SUMAS	46	667	103	1473	80	828	169	1357	78	458	136	1264	54	460	58	642	10	7159
% PREVAL POR VELOCIDAD	9.3		20.6		11.6		19.0		6.4		17.6		6.4		9.0		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		14		10		8		6		9		9		11		1	232

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	4	4	7	2	7	2	2	1
1 - 2	2	3	4	6	4	5	2	3	1
2 - 3	2	5	3	6	3	7	2	2	
3 - 4	1	6	3	5	4	6	2	2	1
4 - 5	2	4	4	6	4	4	3	2	1
5 - 6	1	5	4	6	4	5	3	2	
6 - 7	1	4	4	7	6	3	4	1	
7 - 8	1	5	4	5	6	6	2	1	
8 - 9	4	3	3	10	4	3	3	1	
9 - 10	5	3	3	8	4	5		3	
10 - 11	3	5	2	7	3	7		4	
11 - 12	3	4	1	8	2	8	2	3	
12 - 13	2	5	2	6	3	7	3	3	
13 - 14	2	4	2	6	4	7	2	4	
14 - 15	2	4	1	7	3	6	3	5	
15 - 16	3	3	2	9	2	6	2	4	
16 - 17	4	2	4	8	2	5	4	2	
17 - 18	2	3	4	8	2	5	3	2	2
18 - 19		5	5	8	4	5	3	1	
19 - 20	1	4	4	8	3	6	2	2	1
20 - 21	1	4	5	8	2	6	1	3	1
21 - 22	1	5	5	6	3	6	2	2	1
22 - 23	1	6	3	8	2	5	2	2	1
23 - 24	1	7	4	6	2	6	2	2	
SUMAS	46	103	80	169	78	136	54	58	10
% de frec. por dirección	6.3	14.0	10.9	23.0	10.6	18.5	7.4	7.9	1.4

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	13.1	9.5	0.29	10	0	5	
	10	18.5	11.1	0.60	10	0	4	
1	12	38.1	17.5	1.67	4	3	5	
	14	33.0	16.4	1.35	3	3	5	
	15	16.6	11.9	0.38	2	3	5	
	9	15.5	6.5	0.73	10	0	5	
	10	14.0	6.8	0.58	10	0	5	
2	12	33.9	13.4	1.67	7	3	5	
	14	18.3	10.0	0.67	6	3	5	
	15	30.1	12.5	1.43	0	5	5	
	9	28.7	10.3	1.50	0	5	5	
	10	34.5	14.0	1.67	0	5	5	
3	12	37.4	17.5	1.62	0	5	5	
	14	37.5	18.0	1.58	0	5	5	
	15	35.7	17.8	1.46	0	5	5	
	9	29.0	10.5	1.50	0	5	5	
	10	31.9	12.2	1.60	0	5	5	
4	12	38.2	18.0	1.64	0	5	5	
	14	33.9	15.2	1.52	2	5	5	
	15	25.7	13.0	1.03	2	5	5	
	9	26.6	7.1	1.58	0	5	5	
	10	31.3	10.2	1.72	0	5	5	
5	12	35.0	13.3	1.76	0	5	5	
	14	34.1	13.2	1.70	0	5	5	
	15	30.9	12.4	1.50	0	5	5	
	9	26.6	7.8	1.53	0	5	5	
	10	30.6	10.4	1.64	4	5	5	
6	12	31.4	12.2	1.56	8	4	5	
	14	30.9	12.7	1.48	10	4	5	
	15	21.0	10.1	0.89	10	2	5	
	9	27.1	8.0	1.55	1	5	5	
	10	30.8	10.6	1.64	2	5	5	
7	12	34.4	13.0	1.74	0	5	5	
	14	33.0	12.9	1.63	1	5	5	
	15	29.9	11.7	1.48	1	5	5	
	9	18.5	8.0	0.85	2	5	5	
	10	31.6	10.6	1.71	3	5	5	
8	12	35.1	13.5	1.76	3	5	5	
	14	32.9	13.2	1.60	1	5	5	
	15	27.5	12.0	1.26	6	5	5	
	9	29.8	11.9	1.46	1	5	5	
	10	33.6	13.4	1.65	0	5	5	
9	12	37.4	16.5	1.70	0	5	5	
	14	36.0	16.3	1.60	0	5	5	
	15	33.0	15.8	1.40	0	5	5	
	9	11.7	7.1	0.31	10	0	4	N.
	10	14.1	8.2	0.48	10	0	4	B.
10	12	10.9	8.1	0.23	10	0	3	B.
	14	11.0	8.0	0.24	10	0	5	
	15	10.5	8.0	0.20	10	0	5	
	9	30.4	10.8	1.59	0	5	5	
	10	34.6	13.7	1.70	0	5	5	
11	12	38.2	16.8	1.74	0	5	5	
	14	36.7	17.3	1.58	0	5	5	
	15	35.9	16.8	1.55	0	5	5	
	9	11.5	6.6	0.40	10	0	5	
	10	13.2	8.6	0.37	10	0	5	
12	12	24.0	14.0	0.81	10	0	5	
	14	22.2	13.5	0.71	10	1	4	B.
	15	29.2	15.0	1.15	6	2	3	B.
	9	31.2	12.0	1.56	0	5	4	
	10	34.5	14.1	1.66	0	5	4	
13	12	38.0	17.7	1.65	0	5	4	
	14	36.5	18.8	1.44	0	5	5	
	15	35.1	17.1	1.46	1	5	5	
	9	32.2	15.0	1.40	0	5	5	
	10	37.2	18.4	1.53	0	5	4	B.
14	12	40.5	23.0	1.42	0	5	4	
	14	40.5	22.2	1.49	0	5	4	
	15	37.4	21.6	1.28	0	5	4	
	9	32.4	16.0	1.33	10	4	4	
	10	36.2	18.5	1.44	3	4	4	
15	12	41.3	22.5	1.53	0	4	4	
	14	41.2	23.5	1.44	0	5	5	
	15	37.1	22.5	1.19	0	5	4	
	9	10.5	8.0	0.20	10	0	1	Ne.
	10	11.4	8.9	0.20	10	0	2	Ne.
16	12	36.5	17.1	1.58	0	4	2	N.
	14	34.8	16.9	1.46	1	5	4	
	15	32.0	15.6	1.33	1	5	4	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	24.0	15.4	0.70	8	1	2	N.
	10	28.5	17.4	0.90	7	2	2	N.
17	12	33.0	21.7	0.92	7	1	2	N.
	14	38.8	24.9	1.13	3	2	2	N.
	15	34.5	25.3	0.75	0	2	2	N.
	9	31.4	22.3	0.74	9	2	2	N.
	10	39.4	25.4	1.14	4	4	2	N.
18	12	44.9	29.9	1.22	0	4	2	B.
	14	44.5	31.2	1.08	0	4	2	B.
	15	39.9	30.3	0.78	3	2	2	B.
	9	20.6	17.4	0.26	10	0	2	N.
	10	25.5	19.5	0.49	9	0	2	N.
19	12	34.4	23.9	0.85	9	0	3	N.
	14	36.4	25.5	0.89	8	1	3	B.
	15	34.0	25.5	0.69	8	1	3	N.
	9	14.8	10.8	0.32	10	0	1	Ne.
	10	16.2	13.5	0.22	10	0	1	Ne.
20	12	16.5	13.5	0.24	10	0	1	Ne.
	14	16.0	13.4	0.21	10	0	2	Ne.
	15	15.0	13.5	0.16	10	0	2	Ne.
	9	13.1	11.6	0.12	10	0	1	Ne.
	10	15.0	12.0	0.24	10	0	1	Ne.
21	12	20.7	14.5	0.50	10	0	2	
	14	17.4	14.0	0.28	10	0	2	
	15	16.4	13.8	0.21	10	0	2	
	9				10	0	1	Ne.,Z.
	10				10	0	1	Ne.,Z.
22	12	14.8	13.0	0.15	10	0	3	
	14				10	0	2	Ne.,Z.
	15				10	0	2	Ne.,Z.
	9	10.8	10.2	0.05	10	0	1	Ne.
	10	12.6	10.6	0.16	10	0	1	Ne.
23	12	14.4	12.4	0.16	10	0	1	Ne.
	14	15.0	13.0	0.16	10	0	2	Ne.
	15				10	0	1	Ne.,Z.
	9	23.6	13.6	0.81	7	3	5	
	10	31.6	16.0	1.27	3	3	5	
24	12	39.9	20.8	1.55	2	3	5	
	14	40.0	21.1	1.54	1	5	5	
	15	36.8	19.4	1.41	1	5	5	
	9	14.1	8.8	0.43	10	0	4	N.
	10	20.0	11.0	0.73	10	0	4	N.
25	12	21.0	12.4	0.70	10	0	5	
	14	17.5	12.0	0.45	10	0	5	
	15	12.5	10.0	0.20	10	0	5	
	9	17.0	7.7	0.76	7	1	5	
	10	38.5	14.0	-	4	3	5	
26	12	15.1	9.1	0.40	10	0	5	
	14	12.0	8.5	0.28	10	0	5	
	15	10.5	8.2	0.19	10	0	5	
	9	32.8	12.3	1.67	1	5	5	
	10	38.0	15.2	1.85	7	3	5	
27	12	27.4	12.9	1.18	9	0	5	
	14	31.5	14.0	1.42	6	3	5	
	15	17.7	10.5	0.58	6	3	5	
	9	31.5	12.4	1.55	1	5	4	B.
	10	32.4	13.4	1.54	3	3	4	B.
28	12	36.5	15.3	1.72	1	5	5	
	14	30.6	17.7	1.05	0	5	5	
	15	30.5	14.3	1.32	1	4	5	
	9	27.6	13.7	1.13	10	2	4	
	10	33.6	16.8	1.36	10	2	4	
29	12	36.0	20.8	1.24	10	4	5	
	14	34.0	20.0	1.14	10	4	5	
	15	36.5	21.4	1.23	10	4	5	
	9	34.3	17.5	1.36	4	4	4	
	10	39.6	20.9	1.52	6	4	4	
30	12	44.5	26.0	1.50	6	4	4	
	14	42.5	26.2	1.32	10	4	4	
	15	41.5	26.0	1.26	6	4	4	
	9	29.5	18.4	0.90	10	2	2	N.
	10	41.5	23.2	1.49	9	4	2	N.
31	12	31.7	21.0	0.87	10	1	2	N.
	14	28.5	19.0	0.77	10	1	4	N.
	15	28.5	19.2	0.76	10	1	3	N.

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON.	H.RELATIVA
1						0.2	0.6	1.0	1.0	1.0	1.0	0.6			5.4	10.4	52
2			0.6	1.0	0.3	0.8	1.0	1.0	1.0	1.0	1.0	0.9			8.6	10.4	83
3			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.8	10.4	94
4			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.9			9.4	10.5	90
5		0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.2	10.5	97
6		0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.6	0.2			8.5	10.5	81
7			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			10.0	10.6	94
8			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			10.0	10.6	94
9			0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.8	10.6	92
10															0.0	10.7	00
11		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	10.7	95
12							0.2			1.0	0.4				1.6	10.7	15
13			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1		9.9	10.8	92
14			0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			9.8	10.8	91
15			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7			9.4	10.8	87
16						0.1	1.0	1.0	1.0	1.0	1.0	0.7			5.8	10.8	54
17						0.8	0.9	1.0	1.0	1.0	0.8				5.5	10.9	50
18					1.0	1.0	1.0	1.0	1.0	1.0	0.8				6.8	10.9	62
19							0.5	0.7	1.0	0.7	0.3				3.2	10.9	29
20															0.0	11.0	00
21															0.0	11.0	00
22															0.0	11.0	00
23															0.0	11.0	00
24					0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		8.1	11.1	73
25								0.4	0.3						0.7	11.1	06
26		0.3	1.0	0.1	0.8	0.5						0.5			3.2	11.1	29
27			0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0.9	0.4		9.8	11.2	88
28		0.3	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.3		10.3	11.2	92
29					1.0	1.0	1.0	1.0	0.9	0.3	0.9	0.3	0.4		6.8	11.2	61
30			0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			9.5	11.3	84
31				0.4	1.0	1.0	0.9			0.1	0.1				3.5	11.3	31
Medias		0.0	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.1		6.3	10.8	59

GEOTEMPERATURA

DÍAS	0.05 m.			0.10 m.			0.20 m.			0.30 m.			0.40 m.		
	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h	8^h	14^h	20^h
1	10.7	13.6	11.6	10.0	11.5	11.2	9.4	9.8	10.3	9.8	9.9	10.2	11.8	11.8	11.9
2	7.4	10.6	7.8	8.0	9.4	8.3	8.8	8.6	8.8	9.9	9.4	9.4	12.0	11.8	11.6
3	4.4	10.1	8.6	5.2	8.3	8.5	6.8	7.2	8.2	8.4	8.0	8.6	11.2	11.0	10.9
4	5.6	11.4	8.9	6.0	9.4	8.9	7.0	7.6	8.6	8.2	8.1	8.7	10.8	10.8	10.7
5	5.0	10.1	7.6	5.6	8.5	7.9	7.0	7.4	7.8	8.2	8.0	8.3	10.8	10.7	10.5
6	3.8	9.7	7.8	4.5	8.1	7.8	6.1	6.7	7.5	7.6	7.4	7.9	10.4	10.2	10.2
7	4.8	9.9	7.4	5.2	8.2	7.6	6.3	6.8	7.4	7.6	7.4	7.8	10.2	10.0	10.0
8	3.6	10.0	7.8	4.4	8.0	7.9	5.8	6.4	7.5	7.3	7.0	7.7	10.0	9.8	9.8
9	5.0	10.6	8.8	5.2	8.5	8.4	6.2	6.8	7.8	7.4	7.2	7.8	10.0	9.8	9.9
10	7.6	9.0	8.2	7.1	8.1	7.7	7.0	7.2	7.5	7.8	7.8	7.8	10.1	10.0	10.0
11	6.3	11.4	8.8	6.3	9.4	8.7	6.7	6.4	8.0	7.5	7.6	8.1	10.0	10.0	10.0
12	6.0	9.3	8.5	6.1	8.0	8.1	6.6	6.8	7.4	7.4	7.5	8.6	10.0	10.0	9.9
13	5.6	12.5	9.9	5.9	10.0	9.6	7.5	7.4	8.4	7.4	7.5	8.2	9.8	9.9	9.9
14	6.8	13.6	11.8	6.8	10.8	10.9	7.1	8.0	9.1	8.1	8.0	8.8	10.3	10.3	10.3
15	8.9	14.6	12.1	8.3	11.8	11.4	8.3	9.0	9.9	8.8	8.9	9.5	10.8	10.8	10.9
16	8.6	12.6	10.8	8.4	10.6	10.3	8.6	8.8	9.3	9.5	9.1	9.4	11.2	11.1	11.1
17	10.4	15.1	15.0	9.6	12.4	13.2	8.8	9.6	10.6	9.3	9.7	10.0	11.2	11.2	11.4
18	14.8	19.0	17.6	12.4	15.9	15.9	11.9	12.1	13.2	10.9	11.3	12.1	12.0	12.3	12.7
19	14.7	18.0	17.3	13.7	15.6	15.7	12.6	12.8	13.4	12.4	12.4	12.6	13.3	13.5	13.5
20	14.0	14.4	14.2	13.4	13.6	13.4	12.6	12.4	12.2	12.6	12.4	12.4	13.8	13.7	13.7
21	13.5	14.4	14.2	12.7	13.2	13.2	11.8	11.8	12.0	12.1	12.0	12.0	13.6	13.5	13.5
22	13.5	13.7	13.6	12.6	12.9	12.7	11.8	11.7	11.8	12.0	11.9	12.0	13.5	13.5	13.5
23	12.6	13.2	13.4	12.1	12.4	12.5	11.4	11.3	11.4	11.8	11.6	11.6	13.5	13.4	13.3
24	12.8	16.3	13.2	12.0	14.2	13.1	11.3	11.8	12.2	11.6	11.7	12.0	13.3	13.4	13.4
25	11.0	12.9	11.4	10.8	11.8	11.1	10.8	10.7	10.8	11.6	11.2	11.2	13.5	13.3	13.2
26	8.8	11.6	10.0	8.9	10.7	10.0	9.6	9.7	9.8	10.7	10.4	10.4	13.0	12.7	12.6
27	8.2	12.8	10.6	8.2	11.4	10.6	8.8	9.5	10.0	9.9	9.8	10.2	12.4	12.2	12.2
28	6.7	12.6	10.4	7.0	10.8	10.3	8.2	8.8	9.5	9.6	9.4	9.9	12.1	11.9	11.8
29	8.1	14.0	12.2	8.1	11.8	11.7	8.6	9.3	10.4	9.6	9.6	10.2	12.0	12.0	12.0
30	10.2	17.2	15.1	9.5	14.1	14.0	9.4	10.6	12.0	10.2	10.4	11.3	12.2	12.3	12.5
31	13.6	17.0	15.0	12.7	15.1	14.2	11.6	12.3	12.7	11.6	11.8	12.3	13.1	13.2	13.3
Prom.	8.8	12.9	11.3	8.6	11.1	10.8	8.8	9.2	9.9	9.6	9.5	9.9	11.7	11.6	11.6

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1	7.3	7.4	7.1	7.2	2	0.2	0.5	0.5	1.3							8383
2					2	0.3	0.7	1.1	2.2							8395
3					1	0.4	2.1	1.7	4.4							8400
4					0	0.6	0.7	0.8	1.9							8308
5					0	0.4	1.2	0.2	2.2							8438
6					0	0.8	1.4	0.8	2.8	I.24	19.0	19.1	23.9			8441
7					0	0.6	1.2	1.2	3.9							8457
8					0	1.5	1.2	1.0	3.5							8457
9					0	1.3	2.2	1.7	5.1							8445
10					0	1.2	0.5	0.3	1.3	I.25	19.7	19.5	23.5			8434
11					0	0.5	1.6	1.3	3.2							8452
12					0	0.3	1.4	1.0	3.1							8455
13					0	0.7	0.9	0.6	1.7							8475
14					0	0.2	2.2	1.3	4.1							8475
15					0	0.6	2.1	1.4	3.8	I.26	18.6	18.2	23.1			8473
16					0	0.3	0.8	0.7	2.4							8488
17					0	0.9	1.9	2.3	7.2							8472
18					0	3.0	3.3	2.4	6.8							8472
19					0	1.1	1.4	0.8	2.5							8495
20					0	0.3	0.0	0.2	0.3	J. 1	16.7	18.5	25.2	20.1		8497
21					0	0.1	0.1	0.1	0.3							8493
22	0.3	0.5	0.2	0.2	1	0.1	0.1	0.0	0.2							8492
23	0.0	0.1	0.0	0.0	2	0.1	0.1	0.0	0.3							8505
24	0.5	0.4	0.2	0.3	1	0.2	1.1	1.3	2.8							8511
25					0	0.4	0.8	0.7	2.0	J. 2	16.5	17.6	25.6			8525
26					0	0.5	0.7	0.6	1.6							8548
27					0	0.3	1.0	0.7	1.8							8550
28					0	0.1	1.3	1.2	3.4							8559
29					0	0.9	2.2	1.6	4.5							8527
30					0	0.7	2.1	1.1	4.3	J. 3	14.8	16.0	25.9			8525
31					0	1.1	1.5	1.0	3.3							8545
Prom.	8.1	8.4	7.5	7.7	-	0.7	1.2	1.0	2.9	-	-	-	-	-	-	8474

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
11.4	11.5	11.5	12.9	13.0	13.0	16.5	18.0	7.5	Cn. m., Ca. t. y n., T. m., R. n.
11.6	11.6	11.4	12.8	12.8	12.8	16.4	17.9	-1.4	Cn. m. y t, Ca. n., h. m., r. m.
11.3	11.2	10.9	12.5	12.6	12.7	16.4	18.0	-8.6	Ca. m. t. y n., h. m., r. n.
10.7	10.8	10.6	12.3	12.5	12.6	16.3	17.8	-5.3	Ca. m. y t., Cn. n., h. m., r. n.
10.6	10.7	10.5	12.3	12.4	12.4	16.2	17.8	-7.0	Ca. m. t. y n., h. m., r. n.
10.5	10.4	10.2	12.1	12.3	12.2	16.2	17.8	-10.0	Cn. m. t. y n., h. m., Js. t.
10.2	10.1	10.0	11.9	12.1	11.9	16.1	17.7	-6.0	Ca. m. t. y n., h. m. y n.
10.0	10.0	9.5	11.8	11.8	11.8	16.0	17.7	-11.1	Ca. m. y t., Cn. n., h. m. y n.. Jl. n
9.8	9.8	9.7	11.7	11.8	11.9	16.0	17.7	-5.3	Ca. m. t. y n., h. m.
9.9	10.0	9.9	11.7	11.8	11.8	16.0	17.6	-0.6	Cn. m. y t., Ca. n., r. n., h. m.
9.8	9.9	9.8	11.5	11.7	11.6	15.9	17.6	-1.5	Ca. m. t. y n., h. m., r. n.
10.0	10.0	9.9	11.5	11.6	11.6	15.8	17.5	-7.4	Cn. m. y t., Ca. n., h. m., B. t., Jl. n.
9.8	9.9	9.7	11.4	11.6	11.6	15.7	17.4	-5.6	Ca. m. t. y n., h.r. m., r. n.
10.1	10.1	10.0	11.4	11.6	11.6	15.7	17.4	-2.9	Ca. m. t. y n., r. m. y n., Dl. n., h. m.
10.4	10.5	10.4	11.5	11.6	11.6	15.5	17.5	-1.5	Cn. m., Ca. t. y n., r. m. y n., h. m.
10.8	10.8	10.8	11.6	11.7	11.7	15.5	17.5	-2.1	Cn. m., Ca. t. y n., N. m., r. n., h. m.
10.8	11.0	11.0	11.7	11.8	11.8	15.5	17.4	4.1	Cn. m., Ca. t. y n., N. m., B. t.
11.4	11.7	11.8	11.9	11.9	11.9	15.5	17.4	13.8	Ca. m. t. y n., Ne. m., B. t. y n.
12.4	12.6	12.6	12.0	12.0	12.1	15.4	17.4	9.4	Cn. m. t. y n., Ne. m., B. t., Ne. t.
13.0	13.0	13.0	12.2	12.3	12.4	15.3	17.3	10.4	Cn. m. t. y n., N. m. y t.
13.0	13.0	12.9	12.5	12.6	12.6	15.3	17.3	10.9	Cn. m. t. y n., N. m. y n
12.9	12.9	12.9	12.7	12.7	12.8	15.1	17.2	11.0	Cn. m. t. y n., N.Z. m. y t.
12.8	12.8	12.8	12.9	12.9	12.8	15.2	17.2	-	Cn. m. t. y n., N. m. y t., Z. t.
12.8	12.9	12.9	13.0	13.0	13.0	15.2	17.2	8.8	Cn. m., Ca. t. y n., r. n.
13.0	12.9	12.8	12.9	13.1	13.0	15.1	17.1	0.3	Cn. m. t. y n., r. m.
12.8	12.6	12.4	12.8	13.0	12.9	15.1	17.1	-1.6	Cn. m. t. y n., r. m., h. m.
12.2	12.1	11.9	12.8	13.0	13.0	15.1	17.0	-5.0	Ca. m. y n., Cn. t., r. m. y n., h. m.
12.0	12.0	11.8	12.7	12.7	12.7	15.1	17.0	-7.0	Ca. m. y n., Cn. t., h.Ne. m.
11.8	11.9	11.8	12.7	12.8	12.8	15.1	17.0	-2.2	Cn. m. y t., Ca. n., r. m., h. m.
12.0	12.1	12.0	12.7	12.8	12.7	15.1	17.0	-1.0	Ca. m. y n., Cn. t., r. m., h. m.
12.5	12.7	12.8	12.9	12.9	12.8	15.1	17.0	9.0	Cn. m. t. y n., N.Js. m., Js. t.
11.4	11.4	11.3	12.2	12.3	12.3	15.6	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	62.2	69.1	8	1-2,10-11	54.9	3	17	4.8	10.1	-0.3	14.5	3	15-16	-3.4	8	5	8.2	10.5	78
2ª	60.5	66.2	13	9-10	54.2	19	15	11.5	18.1	6.1	28.9	18	15	0.3	11	24	6.2	10.8	56
3ª	63.3	75.5	28	7-8	52.4	23	16	9.9	14.2	6.5	23.9	30	15	-2.1	28	6	4.7	11.1	42
MES	62.0	75.5	28	7-8	52.4	23	16	8.8	14.1	4.0	28.9	18	15	-3.4	8	5	6.3	10.8	59

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas			Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora				
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	68	99	1	21	3	4.2	8.1	2.6	SW	10	36	9	28	3	11-12 / 13-14	33	SW	2	10.34	7.4	7.4	1	1.5	31/VII	1-2
2ª	75	100	15,16,20	28	11	7.6	15.0	3.0	NE	11	36	18	32	18	7-8 / 11-12 / 12-13	30	N	18	9.20	-	-	-	-	-	-
3ª	79	100	23,24,27	36	29	7.1	10.6	3.2	SE	9	36	29	30	29	10-11 / 11-12	33	N	28	9.37	1.0	0.5	22	0.5	22	7-8
MES	74	100		21	3	6.3	15.0	3.2	SE	10	36	29	32	18	7-8 / 11-12 / 12-13	33	SW N	2 28	10.34 9.37	8.4	7.4	1	1.5	31/VII	1-2

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

DÉCADA	FENOMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	6	9	-	-	-	-	-	1	1	-	-	4	1	6	-	-
2ª	6	6	-	-	-	-	1	-	1	-	-	2	2	-	1	-
3ª	6	5	-	-	-	-	-	1	-	-	-	-	7	1	-	-
MES	18	20	-	-	-	-	1	2	2	-	-	6	10	7	1	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III — SEPTIEMBRE 1948 — N°. 9

RESUMEN MENSUAL

Los primeros cinco días del mes reina tiempo bueno. El viento prevalente del sector N hace de este período el más cálido del mes, observándose ya el 5 la máxima mensual de la temperatura con 25.1° C. El 6 gira el viento al S; esta dirección se conserva hasta el fin de la década. Motiva este cambio, contínuo descenso de la temperatura; el 10 se registra 1.9° C, valor mínimo del mes. En este mismo quinquenio se observa también descenso de la humedad absoluta y contínuo aumento de la presión atmosférica. Culmina este proceso con el pasaje del centro del anticiclón frío sobre el Río de la Plata, lo que se refleja en la mínima mensual de la temperatura y tensión del vapor y en la máxima de la presión. El cambio de estos frentes provoca el 6 y el 7 las primeras lluvias intensas de la primavera.

Durante la segunda década predominan vientos del sector NE; la temperatura aumenta lentamente y la nubosidad es variable. El pasaje de una zona frontal acompañada de tormentas eléctricas y lluvias interrumpe el 16 y el 17 este ascenso térmico. El tiempo se mantiene así inestable hasta el 20. En todo el decenio sólo dos son los días de tiempo verdaderamente bueno.

Tiempo muy variable caracteriza también la última década. Por la mañana del 22 un frente frío pasa por el Observatorio; una espesa capa de St y Ns cubre el cielo durante todo el día. Después de 48 horas de buen tiempo, sopla aire tropical acompañado de una gran zona lluviosa prefrontal. En este aire cálido y húmedo se registra la máxima de la tensión del vapor. Entre tanto avanza desde el sud una fuerte corriente de aire frío la que origina fuerte depresión en el sudeste de la Provincia de Buenos Aires. Desciende entonces la presión rápidamente alcanzando el 27 por la tarde 744.3 mm., valor mínimo mensual. El tiempo se mantiene nublado, lluvioso y con fuertes vientos hasta el 28. En los dos últimos días mejora, y la temperatura alcanza su nivel normal.

El promedio mensual de la presión conserva su término medio, mientras el de la temperatura supera en 1.0° C el 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	30	32	26	20	30	48	36	26	25	- 2	16	18	94	43	56
2	28	46	50	40	46	46	40	46	24	0	26	22	24	40	26
3	-	-	28	30	26	30	30	50	54	58	56	64	48	30	30
4	40	16	-	-	-	-	-	-	48	64	82	64	71	66	54
5	64	40	-	-	-	-	-	-	48	58	66	64	56	52	52
6	-	-	-	-	-	-	-	54	+∞	+∞	61	51	52	50	62
7	29	±∞	±∞	-	-	-	36	32	87	89	94	89	103	80	73
8	44	46	44	48	60	60	40	58	71	73	107	84	82	78	98
9	75	62	66	71	71	58	34	91	98	85	78	78	66	66	64
10	36	44	-	-	-	-	30	64	61	69	89	94	139	142	139
11	69	66	71	80	62	82	87	153	123	78	73	100	94	105	128
12	64	66	66	60	58	60	71	105	107	89	103	139	139	137	73
13	50	50	42	42	44	80	71	82	64	60	75	105	117	98	153
14	-	-	-	-	-	24	34	26	20	28	46	60	62	82	85
15	40	46	46	46	44	44	40	52	54	62	66	75	64	76	71
16	34	30	28	42	34	34	28	62	34	- 7	0	21	- 7	-∞	-
17	-	-	-	-	-	-	-	48	±∞	-	-	-	-	-	-
18	54	48	52	46	46	60	52	75	89	169	151	192	213	192	128
19	119	82	40	82	89	78	64	105	144	128	135	74	112	98	62
20	±∞	9	87	91	87	119	144	151	135	117	107	116	130	119	98
21	18	12	9	44	50	56	54	176	153	112	117	107	107	130	128
22	58	54	50	54	50	107	+∞	-	-	-	-	-	-	-	-
23	54	42	32	36	46	50	66	123	142	110	75	69	69	75	75
24	54	54	62	56	64	85	-	-	-	-	-	-	-	-	-
25	34	32	±∞	±∞	±∞	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	58	44	50	60	50	69	59
27	48	43	-	-	-	-	-	-	-	-	-	-	-	-	-
28	44	44	44	42	30	42	44	50	52	46	46	42	28	24	62
29	38	44	42	46	46	48	42	50	46	54	58	73	75	75	73
30	69	62	82	81	54	52	82	117	105	78	89	67	85	60	58
31															
Prom.	56.3	53.2	54.5	55.2	51.5	58.8	58.7	90.6	90.1	85.0	86.5	95.1	95.7	91.1	91.0

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " $.10^{-4}$							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^+ + \lambda^-$	λ^+/λ^-
1	5.50	8.52	14.02	0.65	1.93	2.93	4.87	0.67	0.61	0.87	1.48	0.70	0.25	0.25	0.50	1.00
2	-	-	-	-	9.80	9.73	19.52	1.02	0.35	0.59	0.94	0.59	0.71	0.63	1.34	1.13
3	6.88	6.70	13.58	0.91	6.49	6.90	13.38	0.94	0.37	0.99	1.36	0.37	0.82	0.95	1.77	0.86
4	5.70	6.37	12.06	0.89	4.25	5.85	10.09	0.72	0.58	1.01	1.59	0.57	0.90	0.99	1.89	0.91
5	5.11	6.26	11.37	0.82	5.54	7.44	12.99	0.75	0.66	0.74	1.40	0.89	1.22	1.22	2.44	1.00
6	7.12	14.26	21.38	0.50	8.53	11.51	20.04	0.74	0.55	0.99	1.54	0.56	0.97	1.00	1.97	0.97
7	-	-	-	-	-	-	-	-	0.34	0.70	1.04	0.48	0.76	1.02	1.78	0.74
8	-	-	-	-	6.27	6.64	12.91	0.94	0.38	0.39	0.77	0.97	0.87	0.98	1.85	0.89
9	4.14	6.63	10.77	0.61	2.80	3.95	6.76	0.71	0.44	0.41	0.85	1.07	0.31	0.43	0.74	0.72
10	4.05	5.02	9.07	0.79	2.53	3.25	5.78	0.75	0.45	0.59	1.04	0.76	0.36	0.36	0.72	1.00
11	9.40	8.22	17.62	1.13	4.56	4.53	9.09	1.02	0.91	0.68	1.59	1.34	0.50	0.56	1.06	0.89
12	5.04	6.90	11.94	0.74	3.92	5.33	9.26	0.74	0.68	0.60	1.28	1.13	0.48	0.56	1.04	0.86
13	4.59	5.51	10.10	0.84	4.97	5.39	10.36	0.93	0.52	0.60	1.12	0.67	0.81	0.70	1.51	1.16
14	5.56	8.88	14.44	0.63	5.59	6.83	12.42	0.82	0.59	0.73	1.32	0.81	0.88	1.08	1.96	0.81
15	8.70	11.32	20.02	0.77	5.31	6.12	11.43	0.85	1.27	1.43	2.70	0.89	0.87	0.87	1.74	1.00
16	-	-	-	-	-	-	-	-	0.47	0.43	0.90	1.09	0.22	0.29	0.51	0.76
17	-	-	-	-	-	-	-	-	0.69	0.55	1.24	1.25	1.45	1.85	3.30	0.78
18	-	-	-	-	-	-	-	-	0.33	0.50	0.83	0.66	0.54	0.66	1.20	0.82
19	-	-	-	-	-	-	-	-	0.34	0.38	0.72	0.89	0.24	0.24	0.48	1.00
20	-	-	-	-	-	-	-	-	0.52	0.50	1.02	1.04	0.48	0.66	1.14	0.73
21	-	-	-	-	2.11	5.20	7.31	0.44	0.79	0.66	0.45	1.20	0.36	0.45	0.81	0.80
22	-	-	-	-	-	-	-	-	-	-	-	-	0.47	0.59	1.06	0.80
23	-	-	-	-	5.30	7.60	12.90	0.69	0.77	1.01	1.78	0.76	0.86	1.06	1.92	0.81
24	6.70	7.78	14.48	0.86	5.48	6.97	12.45	0.79	1.09	1.02	2.11	1.07	1.00	1.02	2.02	0.98
25	-	-	-	-	-	-	-	-	0.79	0.88	1.67	0.90	2.20	1.84	4.04	1.20
26	-	-	-	-	-	-	-	-	1.18	1.08	2.26	1.09	1.22	1.70	2.92	0.72
27	-	-	-	-	-	-	-	-	-	-	-	-	0.83	0.98	1.81	0.85
28	-	-	-	-	-	-	-	-	0.48	0.65	1.13	0.74	0.34	0.43	0.77	0.79
29	-	-	-	-	-	-	-	-	0.67	0.58	1.25	1.16	1.90	1.55	3.45	1.22
30	-	-	-	-	-	-	-	-	0.43	0.58	1.01	0.74	0.28	0.36	0.64	0.78
31																
Prom.	6.04	7.87	13.91	0.78	5.02	6.24	11.27	0.79	0.62	0.72	1.34	0.87	0.77	0.84	1.61	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
40	64	42	34	42	38	9	- 5	- 5		117	-47	164	2
20	+∞	±∞	9	-	-	-	-	-		∞	-∞	-	3*
30	34	26	30	33	30	22	28	28		224	-41	265	2*
58	48	36	38	94	54	38	66	89		∞	-28	-	2*
42	42	60	105	±∞	-	-	-	-		∞	-∞	-	3*
78	64	73	50	34	38	36	24	14		∞	- 9	-	1*
89	52	52	18	16	18	18	26	50		∞	-∞	-	3*
110	117	174	190	194	160	96	82	85	91.7	231	18	213	0
73	87	89	112	114	82	44	46	48	73.2	158	9	149	0
137	112	56	20	30	42	22	30	82		185	-20	205	2*
139	149	178	75	52	22	94	94	85	94.1	206	-14	220	1
119	89	66	24	26	80	18	71	54	78.3	171	-20	191	1
153	153	66	30	24	42	52	44	28	71.9	192	0	192	0
94	119	87	66	30	50	50	50	50		210	-18	228	1*
69	71	89	50	40	34	30	36	32	53.2	126	-12	138	1
-	-	±∞	-	-	-	-	-	-		∞	-∞	-	3*
-	-	46	62	71	87	40	54	58		∞	-∞	-	3*
107	62	42	80	103	121	128	126	105	101.7	256	-18	274	1
123	36	98	94	69	±∞	±∞	+∞	±∞		∞	-∞	-	3*
103	121	42	28	18	14	18	5	9		∞	-∞	-	3*
149	85	54	-	-	-	71	71	54		∞	-16	-	2*
-	-	-	-	9	40	50	71	46		∞	-25	-	3*
87	75	117	142	126	85	62	66	48	78.0	215	-14	229	1
-	91	94	85	75	66	66	60	42		∞	26	-	0*
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
62	66	62	64	50	68	56	53	49		∞	22	-	3*
-	-	-	-	-	-	-	-	-		∞	-	-	3*
62	38	38	40	46	46	38	32	40	42.6	256	0	256	1
69	69	69	59	101	-	155	119	- 5		∞	-130	-	1*
62	78	60	26	24	7	26	26	26	61.5	197	-25	222	1
98.1	91.9	91.9	76.9	74.9	67.9	58.8	62.3	55.1	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^-
17	7	75	0.34	1.25	509	737	1246	0.69	0.70	1.88
24	12	+∞	0.38	-	551	226	777	2.44	1.42	-
56	69	38	3.13	2.24	1306	1044	2350	1.25	0.42	0.19
69	71	42	3.76	2.65	735	737	1472	1.00	2.69	2.73
73	66	42	3.08	3.42	1075	981	2056	1.10	0.83	0.20
62	49	60	2.52	3.94	490	[illegible]	888	[illegible]	0.42	-
80	85	44	2.95	2.61	622	[illegible]	986	[illegible]	0.58	-
98	82	133	2.10	8.20	1100	[illegible]	1613	[illegible]	1.26	1.43
78	75	105	2.12	2.59	792	[illegible]	1647	[illegible]	0.22	-
91	73	123	2.53	2.95	737	740	1477	1.00	0.26	0.24
75	94	155	4.98	5.46	1421	1285	2706	1.10	0.83	0.45
117	135	75	5.76	2.60	490	853	1343	0.57	-	-
71	91	142	3.40	7.15	849	1104	1953	0.77	0.42	1.08
54	64	110	2.82	7.19	737	1100	1837	0.67	0.50	0.35
66	71	80	6.39	4.64	-	1023	1023	-	-	1.25
2	28	-	0.84	-	454	731	1185	0.62	1.61	1.61
-	-	-	-	-	981	681	1662	1.44	1.82	1.60
187	197	80	5.45	3.20	737	1039	1776	0.71	1.48	2.46
149	117	-22	2.81	-0.35	614	339	953	1.81	1.31	1.58
94	110	117	3.74	4.45	683	981	1664	0.70	0.28	0.41
114	98	71	4.74	1.92	1161	905	2066	1.28	0.67	1.20
-	-	-	-	-	681	429	1110	1.59	-	-
75	71	66	4.21	4.22	1224	1136	2360	1.08	0.81	0.81
-	-	112	-	7.54	1075	983	2058	1.09	0.68	1.01
-	-	-	-	-	735	509	1244	1.44	1.88	2.48
58	62	66	4.67	6.42	1138	551	1689	2.06	1.12	-
-	-	-	-	-	547	1247	1794	0.44	2.50	1.01
52	54	36	2.03	0.92	1534	1406	2940	1.09	0.83	0.42
62	80	73	3.33	8.40	1408	1190	2598	1.18	-	1.68
89	54	75	1.82	1.60	607	916	1523	0.66	0.81	0.41
76	76	79	3.20	3.93	861	833	1666	1.16	1.01	1.15

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	66.4	66.0	65.2	64.9	65.1	65.1	64.7	65.2	64.7	64.3	63.7	62.9	62.1	61.3	60.7
2	57.0	56.1	55.2	54.9	54.9	54.6	54.9	54.4	55.2	54.5	54.9	54.7	54.2	54.0	54.1
3	57.4	58.0	58.0	57.5	58.3	58.4	58.5	59.0	58.5	58.8	59.1	58.9	58.2	57.8	57.7
4	58.9	58.9	59.0	59.1	59.3	59.5	60.2	60.2	60.3	60.2	59.8	59.3	58.8	58.2	57.9
5	57.6	57.1	57.0	56.9	56.8	56.9	57.3	57.5	57.7	57.8	57.3	56.7	56.0	55.4	55.0
6	56.0	55.7	56.0	56.3	57.3	55.4	55.7	55.7	56.1	56.2	56.1	56.1	55.6	55.2	55.1
7	56.2	55.8	56.8	57.7	56.0	56.1	57.0	57.6	57.4	57.6	57.0	57.2	57.1	56.7	56.6
8	60.1	60.0	59.4	59.5	59.4	60.0	60.9	61.5	62.4	62.3	62.0	61.9	61.7	61.6	61.1
9	67.1	67.2	67.2	67.2	67.5	67.5	68.2	68.7	69.2	69.8	69.9	69.9	69.7	69.8	69.8
10	73.2	73.3	73.2	73.2	73.5	74.0	74.3	74.6	74.5	74.3	73.9	73.5	73.1	72.4	72.1
11	72.9	72.9	72.7	72.8	72.9	72.9	73.1	73.4	73.3	72.8	72.6	72.1	71.3	70.7	70.2
12	69.7	69.4	69.1	69.0	69.0	69.4	69.4	69.6	69.6	69.4	69.0	68.4	67.5	66.8	66.3
13	65.9	65.2	64.5	64.1	64.1	64.3	64.7	64.7	64.7	64.5	63.5	63.2	62.3	61.6	60.6
14	60.7	60.6	60.1	59.9	60.2	60.5	60.6	60.6	60.6	60.7	60.6	60.0	59.8	59.0	58.9
15	59.2	59.1	58.9	58.8	58.9	58.8	58.9	59.1	59.1	58.7	58.3	57.5	56.6	56.1	55.8
16	54.9	54.6	54.5	54.3	54.1	54.3	55.9	56.4	56.4	55.5	54.6	54.4	53.9	53.6	53.1
17	50.3	51.4	52.2	52.1	52.2	52.7	53.0	52.8	52.3	54.2	52.2	52.1	52.1	51.8	52.6
18	56.2	55.9	55.4	55.5	55.1	55.0	55.9	57.0	57.7	58.0	58.0	57.5	57.2	56.8	56.6
19	58.3	58.5	58.8	59.3	59.8	60.4	60.7	60.6	60.7	60.6	60.1	60.1	59.0	59.3	59.0
20	59.8	58.7	58.6	58.5	58.7	59.7	60.4	61.4	61.1	60.8	60.9	60.9	60.8	60.7	60.8
21	62.7	62.6	61.8	61.8	62.2	62.4	62.6	62.5	62.1	61.9	61.7	61.0	60.7	60.4	59.6
22	56.5	55.6	54.9	54.5	54.4	53.8	53.9	53.2	52.8	52.9	53.0	52.8	52.4	52.6	53.9
23	57.9	58.1	57.4	57.7	58.0	59.3	60.4	61.3	61.7	61.5	61.9	61.8	61.6	61.6	61.3
24	61.6	61.4	60.8	60.8	61.0	61.2	61.3	61.4	60.9	60.4	59.9	59.5	58.4	57.8	56.9
25	54.6	54.1	53.6	53.9	53.3	53.5	53.6	53.4	53.2	52.6	51.6	51.1	50.1	49.0	48.2
26	47.0	46.6	46.4	45.7	46.0	46.3	46.7	47.8	47.7	48.2	48.8	48.8	48.8	48.5	48.6
27	47.9	47.4	46.6	46.4	45.9	46.0	46.0	45.6	45.5	45.0	44.7	44.3	44.4	44.8	45.0
28	49.6	49.8	50.2	50.8	51.3	51.8	52.3	52.8	53.2	53.5	53.7	53.9	54.0	54.0	54.5
29	57.2	57.2	57.4	57.7	58.1	58.8	59.1	59.6	59.8	60.0	59.9	59.5	59.0	58.7	58.4
30	59.7	59.6	59.5	59.5	59.7	59.9	60.0	60.2	60.0	60.0	59.7	59.6	59.4	58.7	58.6
31															
Prom	60.1	58.9	58.7	58.7	58.8	59.0	59.3	59.6	59.6	59.6	59.3	59.0	58.5	58.2	58.0

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	11.0	10.7	10.9	10.9	11.3	11.5	11.6	12.2	14.4	15.9	18.1	18.7	19.0	21.1	21.4
2	17.2	16.9	16.7	15.9	15.2	15.0	15.0	16.1	16.8	16.5	17.0	19.0	20.1	21.2	21.2
3	12.2	12.0	11.7	11.5	9.6	9.3	9.6	12.2	14.6	17.4	19.5	21.5	22.3	23.0	22.9
4	10.9	10.8	10.5	10.2	9.7	10.2	11.6	13.6	16.7	20.5	22.1	22.6	23.8	24.0	23.8
5	11.0	10.4	10.6	10.1	9.7	11.3	11.5	15.6	16.1	19.4	21.2	23.2	23.9	24.8	24.6
6	14.0	13.4	13.1	12.8	12.4	11.9	11.9	11.8	13.4	15.0	16.4	17.5	18.6	18.8	18.7
7	10.6	1[illegible]	10.4	10.2	[illegible].7	10.3	10.6	11.3	12.1	12.6	13.5	14.1	14.1	14.5	14.7
8	11.9	12.[illegible]	12.0	12.1	12.0	11.7	11.2	11.2	11.6	12.8	15.7	17.0	18.1	18.7	18.4
9	6.8	6.3	6.3	6.3	6.1	6.1	6.4	9.7	13.1	15.8	17.8	19.2	19.7	20.1	20.2
10	4.9	4.3	3.8	3.5	3.3	3.4	3.6	7.8	11.7	13.1	14.1	14.2	14.3	14.9	15.2
11	9.6	9.2	9.8	9.4	9.6	9.6	9.6	12.0	12.6	13.4	14.1	13.9	13.4	14.0	13.9
12	12.7	12.7	12.6	12.1	11.9	12.0	12.0	13.1	14.3	14.8	15.8	16.4	16.8	17.8	17.7
13	13.0	12.2	11.8	11.8	11.2	10.6	10.5	13.4	14.6	15.3	16.5	17.9	18.3	18.1	18.2
14	14.0	13.9	13.5	13.1	12.6	12.2	12.5	13.8	14.4	16.0	17.9	18.9	18.9	20.0	19.7
15	14.6	14.7	14.6	14.3	13.9	13.9	13.9	15.0	15.7	16.8	18.2	19.7	19.8	21.0	21.1
16	16.0	16.0	15.3	15.4	15.3	14.7	15.0	17.5	18.6	19.0	19.9	20.0	18.3	17.2	16.4
17	16.5	16.1	15.4	14.8	15.0	15.1	15.3	16.3	16.2	16.3	15.8	17.6	17.5	17.4	16.9
18	9.2	8.6	8.8	9.8	10.3	10.4	10.3	11.8	12.5	13.6	15.5	16.6	18.2	19.4	19.5
19	9.1	9.6	9.4	7.9	7.5	7.0	8.6	14.2	15.6	16.6	17.4	17.0	18.0	18.0	17.6
20	12.4	13.5	14.1	14.1	14.0	14.0	13.8	16.3	16.7	17.7	18.6	19.1	20.4	20.6	21.0
21	11.4	11.1	11.6	12.5	12.6	12.8	13.5	16.7	19.5	20.5	21.0	20.8	21.0	20.4	20.5
22	16.3	16.2	16.1	15.8	15.9	16.0	16.2	16.4	16.4	16.4	16.4	16.2	16.2	16.2	16.2
23	15.7	15.7	15.1	14.7	14.1	13.7	13.1	14.0	15.9	17.8	19.0	19.8	20.9	21.2	21.5
24	10.5	9.1	10.0	9.6	8.7	8.5	10.7	13.4	15.5	17.7	19.7	20.9	21.1	21.7	21.9
25	15.6	15.6	15.1	15.0	15.0	15.3	15.7	15.9	15.9	15.9	16.1	16.6	17.3	17.8	18.5
26	16.9	16.8	16.8	16.3	14.9	13.9	13.3	13.2	13.6	13.6	13.7	14.0	14.9	17.4	17.3
27	8.8	7.9	7.5	6.7	6.0	5.8	5.9	6.2	6.5	6.9	7.5	8.4	8.5	8.4	8.7
28	7.9	7.7	7.7	7.7	7.6	7.5	7.7	8.6	9.5	9.6	10.2	10.6	10.3	10.2	10.2
29	9.5	9.3	9.3	9.2	8.9	8.8	8.7	9.0	9.1	10.1	11.4	12.8	13.7	14.2	14.1
30	4.5	4.3	4.1	4.0	4.9	5.8	8.1	12.2	13.9	14.7	16.0	16.6	17.4	18.2	17.7
31															
Prom	11.8	11.6	11.5	11.3	11.0	10.9	11.2	13.0	14.2	15.4	16.5	17.4	17.8	18.3	18.3

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
59.9	59.9	59.6	59.2	59.0	58.8	58.3	57.6	57.3	66.4	1	57.3	24	9.1	762.2 mm.	1016.2 mb.
54.1	53.3	54.2	54.2	54.2	55.2	56.0	57.1	57.0	57.1	23	53.3	17	3.8	55.0	1006.6
57.6	57.8	57.9	58.1	58.4	58.6	58.7	58.6	58.9	59.1	11	57.4	1	1.7	58.3	1011.0
57.8	57.8	57.8	57.7	58.1	58.1	58.2	58.0	57.8	60.3	9	57.7	19	2.6	58.8	1011.7
54.7	54.9	54.8	55.6	56.0	55.7	55.3	55.7	55.1	57.8	10	54.7	16	3.1	56.3	1008.4
55.1	55.5	55.6	56.0	56.7	57.4	57.5	57.9	57.4	57.9	23	55.1	15-16	2.8	56.2	1008.2
57.0	57.6	58.1	58.6	58.9	59.4	59.9	60.0	60.1	60.1	24	55.8	2	4.3	57.6	1010.1
62.0	62.5	62.7	63.7	64.4	64.9	65.4	66.1	66.5	66.5	24	59.4	3,5	7.1	62.2	1016.2
69.8	70.3	70.6	71.3	72.0	72.4	72.9	73.1	73.2	73.2	24	67.1	1	6.1	69.8	1026.4
72.1	72.1	72.3	72.6	72.8	72.7	72.8	72.7	72.8	74.6	8	72.1	15-17	2.5	73.2	1030.9
70.1	70.1	70.0	70.1	70.0	70.1	70.1	69.9	69.8	73.4	8	69,8	24	3.6	71.5	1028.6
66.1	66.1	66.2	66.3	66.4	66.5	66.2	66.2	66.2	69.7	1	66.1	16-17	3.6	67.8	1023.7
60.5	60.3	60.0	60.0	60.1	60.4	60.6	60.8	60.8	65.9	1	60.0	18-19	5.9	62.6	1016.8
58.7	58.9	59.2	59.3	60.0	60.0	59.7	59.4	59.2	60.7	1,10	58.7	16	2.0	59.9	1013.2
55.6	55.4	55.4	55.2	55.3	55.2	54.8	54.7	54.9	59.2	1	54.7	23	4.5	57.1	1009.4
54.0	55.1	55.4	55.8	56.8	57.3	54.1	53.3	52.8	57.3	21	52.8	24	4.5	54.8	1006.4
53.3	53.2	53.4	54.2	54.8	54.9	55.1	55.3	55.4	55.4	24	50.3	1	5.1	53.1	1004.1
57.3	57.8	57.9	57.8	57.9	58.3	58.4	58.6	58.7	58.7	24	55.0	6	3.7	57.1	1009.4
59.6	59.7	59.2	60.3	60.3	62.1	60.3	61.2	62.3	62.3	24	58.3	1	4.0	60.0	1013.3
61.0	51.0	61.0	61.5	62.0	62.6	62.8	62.8	62.7	62.8	22-23	58.5	4	4.3	60.8	1014.4
59.3	58.9	58.8	58.5	58.4	57.7	57.5	57.2	57.0	62.7	1	57.0	24	5.7	60.4	1013.8
53.2	53.5	54.2	55.6	55.8	56.7	56.9	55.3	57.5	57.5	24	52.4	13	5.1	54.4	1005.8
61.3	61.4	61.6	61.7	62.0	62.3	62.0	61.8	61.8	62.3	21	57.4	3	4.9	60.7	1014.2
56.5	55.9	56.1	55.9	56.2	56.4	56.0	55.4	55.2	61.6	1	55.2	24	6.4	58.6	1011.4
47.6	46.4	46.7	47.0	47.7	47.6	46.8	46.4	46.7	54.6	1	46.4	17,23	8.2	50.4	1000.5
48.7	49.5	49.5	49.7	50.0	49.7	50.0	49.4	48.8	50.0	20,22	45.7	4	4.3	48.2	997.6
45.6	46.4	46.9	47.8	48.4	48.7	48.8	49.0	49.2	49.2	24	44.3	12	4.9	46.5	995.3
54.5	54.9	55.5	55.9	56.4	56.6	56.7	56.9	57.0	57.0	24	49.6	1	7.4	53.7	1004.9
58.5	58.4	58.5	58.7	58.8	59.2	59.4	59.5	59.5	60.0	10	57.2	1-2	2.8	58.8	1011.7
58.5	58.7	59.1	59.5	60.2	61.5	61.6	61.7	61.7	61.7	23-24	58.5	16	3.2	59.9	1013.2
58.0	58.1	58.3	58.6	58.9	59.2	59.1	59.0	59.1	61.2		56.6		4.6	58.9	1011.8

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
21.5	20.5	18.1	16.7	16.5	16.6	17.5	18.3	18.0	21.5	16	10.7	2	10.8	15.9
20.1	18.5	17.7	16.4	14.8	14.5	14.2	12.9	12.3	21.2	14-15	12.3	24	8.9	16.7
22.4	20.9	18.3	15.0	13.2	12.7	12.4	12.3	11.7	23.0	14	9.3	6	13.7	15.3
22.7	21.4	18.1	16.0	14.4	12.0	12.4	12.3	11.4	24.0	14	9.7	5	14.3	15.9
24.4	22.8	20.3	18.6	16.6	15.5	15.2	14.6	14.6	24.8	14	9.7	5	15.1	16.9
18.2	17.0	15.6	14.1	13.0	12.4	11.3	11.4	11.1	18.8	14	11.1	24	7.7	14.3
14.6	14.0	13.3	12.4	12.0	12.2	12.1	12.1	12.0	14.7	15	9.7	5	5.0	12.2
18.0	16.6	14.5	12.3	10.2	9.9	8.7	8.0	7.7	18.7	14	7.7	24	11.0	13.0
18.7	15.8	12.9	10.6	9.0	7.6	6.7	5.9	5.3	20.2	15	5.3	24	14.9	11.4
14.9	14.1	12.0	10.8	9.9	9.3	8.9	9.3	9.6	15.2	15	3.3	5	11.9	9.6
14.0	13.8	13.3	12.5	12.4	12.2	12.6	12.7	12.8	14.1	11	9.2	2	4.9	12.1
17.0	15.9	14.7	13.9	13.2	13.0	13.0	13.2	13.2	17.8	14	11.9	5	5.9	14.2
17.8	16.5	15.2	14.7	14.5	14.4	14.5	14.1	13.9	18.3	13	10.5	7	7.8	14.5
19.5	19.1	17.7	16.2	15.4	15.0	15.1	15.0	14.8	20.0	14	12.2	6	7.8	15.8
21.0	21.0	19.2	17.8	16.7	16.3	16.4	16.4	16.4	21.1	15	13.9	5-7	7.2	17.0
16.5	16.6	16.6	16.4	16.2	15.8	15.8	16.2	16.3	20.0	12	14.7	6	5.3	16.7
15.7	15.2	15.0	14.2	13.4	12.2	10.7	10.9	10.9	17.6	12	10.7	22	6.9	15.0
19.0	17.9	15.7	13.6	12.9	12.3	10.1	9.5	9.4	19.5	15	8.6	2	10.9	13.1
16.8	16.0	15.4	14.8	14.6	14.4	13.8	13.8	13.3	18.0	13-14	7.0	6	11.0	13.6
21.1	21.6	19.3	16.8	14.8	13.3	12.2	10.9	10.9	21.6	17	10.9	23-24	10.7	16.1
20.4	19.6	17.5	16.2	15.6	15.8	16.1	16.2	16.3	21.0	11,13	11.1	2	9.9	16.6
16.3	16.3	16.3	16.4	16.4	16.4	16.1	15.6	15.7	16.4	8-11,19-21	15.6	23	0.8	16.2
21.2	17.9	16.0	14.6	13.6	12.5	12.4	11.6	10.8	21.5	15	10.8	24	10.7	16.0
21.8	21.4	19.5	18.3	17.4	16.9	16.4	16.2	15.9	21.9	15	8.5	6	13.4	16.0
18.4	18.1	17.9	17.9	17.0	17.0	17.0	16.9	16.9	18.5	15	15.0	4-5	3.5	16.6
16.5	13.7	12.4	11.4	10.4	9.4	9.2	9.4	9.1	17.4	14	9.1	24	8.3	13.7
9.1	9.1	9.0	8.6	8.6	8.4	8.3	8.2	8.1	9.1	16-17	5.8	6	3.3	7.8
10.9	11.0	10.6	10.4	10.2	10.0	9.9	10.0	9.8	11.0	17	7.5	6	3.5	9.4
14.1	13.3	12.1	9.4	8.4	6.0	5.6	4.5	4.9	14.2	14	4.5	23	9.7	9.8
17.2	16.2	14.6	13.3	12.6	11.7	11.0	10.7	10.7	18.2	14	4.0	4	14.2	11.7
18.0	17.1	15.6	14.3	13.5	12.9	12.5	12.3	12.1	18.6		9.7		8.9	14.1

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	8.5	9.0	9.0	8.5	8.5	8.0	8.8	8.5	10.0	9.5	9.0	9.0	10.1	10.0
2	10.5	10.0	10.0	10.0	9.5	10.5	10.5	10.3	10.0	10.5	11.0	11.0	10.5	10.7	10.5
3	9.5	9.5	9.0	9.0	8.5	8.5	8.0	7.8	8.0	7.8	8.0	7.2	6.4	7.6	7.8
4	9.0	8.0	8.5	8.5	8.0	8.5	8.5	9.3	9.5	9.0	9.0	9.5	8.0	8.1	8.0
5	9.5	9.0	9.0	9.0	8.5	9.5	9.5	10.6	10.5	10.5	9.5	9.0	8.0	8.9	8.5
6	11.0	11.0	10.0	10.0	9.5	9.5	9.5	9.8	10.0	9.5	10.5	10.5	11.5	11.2	11.5
7	8.5	9.0	9.0	9.0	8.5	9.0	9.0	9.5	9.5	9.5	9.5	9.0	9.0	9.9	9.5
8	9.0	9.0	8.5	8.5	8.5	8.5	8.5	8.7	8.0	8.5	9.0	9.0	7.2	7.7	7.4
9	7.2	6.8	6.8	6.8	6.8	6.8	7.0	7.1	8.0	7.6	7.8	7.8	8.0	7.6	8.0
10	5.0	5.4	5.4	5.4	5.2	5.4	5.4	6.1	6.4	5.8	5.6	6.2	6.4	6.7	6.6
11	7.2	6.6	5.6	5.8	5.6	5.6	6.0	6.8	5.6	5.4	5.6	6.2	6.0	6.8	6.8
12	7.4	7.4	7.2	7.6	7.4	7.0	7.0	6.5	7.0	7.2	7.6	7.8	7.4	7.2	7.2
13	9.0	8.5	9.0	9.0	8.5	8.5	8.5	8.9	8.0	8.5	8.5	8.5	9.0	9.0	9.0
14	11.0	10.5	10.5	10.5	10.5	10.0	10.5	10.8	10.0	10.5	11.0	11.0	11.0	10.5	10.5
15	10.5	10.5	10.5	11.0	10.5	10.5	10.5	11.3	11.0	12.0	12.5	12.0	11.5	12.0	12.5
16	11.0	11.0	11.0	10.5	10.5	10.5	11.0	11.6	11.5	11.5	12.5	12.5	11.0	11.9	12.5
17	11.5	11.5	12.0	12.0	12.0	12.0	12.5	13.2	13.0	12.5	13.0	13.0	13.5	13.3	13.0
18	8.0	8.0	8.0	8.5	9.0	9.0	9.0	10.1	10.5	10.5	10.0	10.0	9.5	9.9	8.5
19	7.8	8.0	8.0	7.6	7.4	7.2	8.0	9.4	10.0	10.0	10.5	10.0	9.5	9.5	10.0
20	8.5	8.0	8.5	8.5	9.5	9.5	10.0	10.6	10.0	10.5	11.5	11.5	12.0	12.5	12.5
21	9.5	9.5	9.5	10.5	10.0	10.0	10.5	11.5	12.0	12.0	11.5	12.0	12.5	13.0	13.0
22	12.0	12.0	12.5	12.0	12.0	12.5	12.5	12.4	12.5	12.5	12.5	12.5	12.5	13.1	13.0
23	12.0	12.0	11.5	11.5	11.0	10.5	10.0	10.3	9.5	7.8	7.0	6.4	6.8	7.2	7.2
24	6.8	6.6	6.6	6.4	6.4	6.4	6.4	6.9	6.8	6.4	6.4	8.5	9.5	9.9	11.0
25	10.0	10.0	11.5	11.5	11.5	11.5	12.0	12.4	13.0	13.0	13.0	13.0	12.5	13.3	13.5
26	13.5	13.5	13.5	13.0	11.5	10.5	10.5	9.8	9.5	9.5	9.0	8.5	9.0	9.0	8.5
27	6.8	7.6	7.4	6.4	6.4	6.2	6.4	6.5	6.2	6.4	6.4	6.2	6.4	7.1	6.4
28	6.4	6.4	6.4	6.8	6.8	6.6	6.8	6.8	6.8	6.8	6.6	6.8	7.2	7.4	7.6
29	7.2	7.2	7.2	7.0	7.0	7.4	7.2	7.4	6.6	6.6	6.8	6.8	6.6	6.9	6.8
30	6.0	6.0	5.8	5.8	6.2	6.6	7.4	8.6	8.5	9.0	9.0	9.5	10.0	10.5	10.0
31															
Prom.	9.0	8.9	8.9	8.9	8.7	8.8	8.9	9.3	9.2	9.2	9.3	9.4	9.2	9.6	9.6

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.0	10.0	9.5	10.0	11.2	10.0	10.5	9.5	10.0	11.2	20	8.0	7	3.2	9.4
10.5	11.5	10.5	11.5	11.1	11.0	11.0	10.0	9.5	11.5	17,19	9.5	5,24	2.0	10.5
8.5	8.5	9.5	9.0	8.5	8.5	8.0	8.0	8.0	9.5	1-2,18	6.4	13	3.1	8.3
8.5	9.0	8.5	9.0	9.4	9.5	9.5	9.5	9.0	9.5	9,12,21-23	8.0	2,5,13,15	1.5	8.8
9.5	10.5	10.0	10.0	12.3	10.5	10.5	10.5	10.0	12.3	20	8.0	13	4.3	9.7
11.0	11.0	10.0	9.5	9.8	9.0	9.0	9.0	8.5	11.5	13,15	8.5	24	3.0	10.0
10.0	9.5	9.5	9.5	10.0	9.5	9.5	9.0	9.0	10.0	16,20	8.5	1,5	1.5	9.3
7.2	6.6	7.0	7.2	7.4	7.4	7.2	7.4	7.2	9.0	1-2,11-12	6.6	17	2.4	7.9
9.0	9.5	7.4	6.8	6.1	6.0	6.0	5.6	5.4	9.5	17	5.4	24	4.1	7.2
7.2	7.4	7.0	7.8	7.8	7.6	7.8	8.0	7.2	8.0	23	5.2	5	2.8	6.5
6.8	6.6	7.0	7.8	8.4	8.5	7.2	7.4	7.4	8.5	21	5.4	10	3.1	6.6
7.6	8.0	8.0	9.0	9.5	9.5	9.5	9.0	8.5	9.5	20-22	6.5	8	3.0	7.8
9.5	9.0	9.5	10.0	10.5	10.0	10.5	10.5	10.5	10.5	20,22-24	8.0	9	2.5	9.2
10.5	11.0	10.5	10.5	10.1	11.0	11.0	11.0	11.0	11.0	1,11-13,17,21-24	10.0	6,9	1.0	10.6
12.5	11.5	12.0	11.5	11.8	11.0	12.0	12.0	11.5	12.5	11,15-16	10.5	1-3,5-7	2.0	11.4
12.5	12.5	12.0	12.5	13.1	13.0	13.0	11.0	12.5	13.1	20	10.5	4-6	2.6	11.8
12.0	11.5	11.0	11.0	11.0	10.0	9.0	9.0	9.0	13.5	13	9.0	22-24	4.5	11.7
9.0	10.0	9.0	8.0	8.8	8.5	8.5	8.5	8.0	10.5	9-10	8.0	1-3,19,24	2.5	9.0
9.5	9.0	8.5	9.0	8.9	9.0	9.5	9.0	9.5	10.5	11	7.2	6	3.3	8.9
12.5	13.0	12.5	12.0	11.3	10.5	9.5	9.0	9.0	13.0	17	8.0	2	5.0	10.5
12.5	12.0	12.0	12.5	11.2	11.5	11.5	12.0	12.0	13.0	14-15	9.5	1-3	3.5	11.4
13.0	12.5	12.5	13.5	13.1	12.5	13.0	12.0	12.0	13.1	14,20	12.0	1-2,4-5, 23-24	1.1	12.5
7.0	10.0	9.0	8.0	7.8	7.8	6.6	7.2	7.0	12.0	1-2	6.4	12	5.6	8.8
11.0	11.5	12.0	12.5	11.9	11.5	10.5	10.5	10.0	12.5	19	6.4	4-7,10-11	6.1	8.8
13.5	14.0	14.0	14.0	13.8	14.0	14.0	13.5	13.5	14.0	17-19,21-22	10.0	1-2	4.0	12.7
8.5	7.8	8.0	8.0	7.7	7.6	7.0	7.2	6.6	13.5	1-3	6.6	24	6.9	9.5
6.2	6.2	6.6	6.4	6.6	6.2	6.0	6.2	6.6	7.6	2	6.0	22	1.6	6.5
7.4	8.0	8.0	8.0	8.1	7.8	7.8	7.8	7.0	8.1	20	6.4	1-3	1.7	7.1
6.8	7.0	7.6	7.6	7.8	6.8	6.6	6.0	6.2	7.8	20	6.0	23	1.8	7.0
9.5	9.5	9.5	9.5	9.9	9.0	9.0	9.0	9.0	10.5	14	5.8	3-4	4.7	8.4
9.6	9.8	9.6	9.7	9.8	9.5	9.4	9.1	9.0	10.9		7.7		3.2	9.3

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.	VEL
1	SE	8	E	5	E	12	E	14	E	12	E	10	E	12	E	14	NE	18	NE	22	NE	16	E	21	E	13	E	15	E	1
2	s/d	-	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	-
3	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	-
4	N	5	N	5	N	6	N	4	N	8	N	6	Calma	1	N	9	N	12	N	18	N	21	N	23	N	7	N	8	N	1
5	E	5	E	3	E	4	E	2	E	4	E	2	E	2	NE	8	N	7	NW	9	NW	8	W	7	SW	5	SW	4	SE	
6	SE	6	S	4	S	7	S	11	S	7	SE	10	SE	10	SE	9	S	8	S	9	SE	8	SE	7	SE	8	S	10	S	
7	SE	12	SE	10	SE	12	SE	10	SE	13	SE	14	SE	13	SE	10	SE	13	SE	13	SE	16	SE	18	SE	14	SE	15	SE	1
8	SE	11	SE	10	SE	10	SE	6	SE	8	SE	9	SE	8	SE	7	SE	7	SE	9	SE	11	SE	13	SE	16	SE	15	SE	1
9	S	2	S	3	S	4	S	2	S	4	S	2	S	3	S	3	S	4	S	8	S	7	S	7	S	10	S	10	S	
10	SE	5	SE	5	SE	5	SE	5	SE	6	SE	6	SE	5	SE	7	SE	6	E	16	E	17	E	18	E	19	E	15	E	1
11	E	11	NE	10	NE	14	NE	12	NE	11	NE	10	NE	6	E	10	NE	16	NE	24	NE	20	NE	19	NE	20	E	18	E	1
12	E	13	E	12	E	11	E	14	E	13	E	15	E	11	E	10	E	14	E	22	E	20	E	20	E	19	E	18	E	1
13	E	15	E	11	E	9	E	9	E	8	E	8	E	10	E	12	E	17	E	16	E	18	E	20	E	22	E	20	E	1
14	NE	13	NE	17	NE	15	NE	14	NE	10	NE	10	NE	14	NE	16	NE	18	NE	17	E	11	E	12	E	15	E	14	E	1
15	NE	11	NE	14	NE	13	NE	13	NE	14	NE	12	NE	14	E	11	NE	16	NE	14	NE	13	NE	11	E	14	E	16	E	1
16	NE	10	NE	10	NE	9	NE	11	NE	10	NE	11	NE	11	S	8	SE	11	SE	14	SE	13	E	15	E	20	E	21	E	1
17	NE	26	NE	11	S	4	E	5	E	11	E	11	E	9	NE	5	NE	3	W	11	E	11	S	2	SW	5	S	3	S	
18	W	2	Calma	1	W	5	SW	6	SW	6	S	2	SE	2	SE	2	E	12	NW	7	NW	2	S	3	SE	5	SE	5	s/R	-
19	S	4	S	5	S	2	SW	2	Calma	1	Calma	1	SE	3	SE	5	SE	4	E	8	E	9	E	8	SE	9	SE	10	E	
20	SE	5	E	26	E	18	E	14	E	12	E	8	E	6	E	11	E	16	E	20	NE	15	E	9	E	5	Calma	1	S	
21	E	3	E	4	E	4	E	3	NE	4	NE	5	NE	4	NE	11	NE	14	NE	19	NE	18	E	20	E	16	NE	18	E	1
22	NE	20	NE	22	NE	23	NE	26	NE	23	NE	21	E	20	E	25	E	13	NE	11	NE	15	E	8	E	4	E	5	NE	
23	SW	9	SW	9	SW	12	SW	16	S	9	S	6	S	7	S	8	S	12	S	13	S	18	S	15	S	12	S	13	SE	1
24	NE	6	NE	8	NE	11	NE	8	NE	5	NE	7	NE	14	NE	20	NE	19	NE	20	NE	20	NE	19	E	16	E	18	E	1
25	NE	19	NE	16	NE	13	NE	12	NE	13	E	17	E	20	NE	16	E	16	E	16	E	14	E	14	E	20	E	20	E	2
26	NW	10	NW	10	W	9	SW	10	SW	12	SW	21	SW	24	SW	22	SW	21	SW	22	SW	19	SW	19	SW	18	W	23	W	2
27	NW	30	NW	31	NW	31	NW	30	NW	30	NW	32	W	31	W	38	W	34	W	39	W	43	W	41	W	43	W	37	W	3
28	W	26	W	24	W	21	W	24	W	23	W	24	W	20	W	29	W	28	W	25	W	24	W	24	W	24	W	24	W	2
29	SW	15	SW	13	SW	13	SW	13	SW	15	SW	15	SW	14	SW	15	SW	13	SW	11	SW	11	W	11	SW	11	W	10	SW	
30	Calma	1	NE	2	Calma	1	NE	4	NE	5	NE	6	NE	8	NE	13	NE	16	NE	23	NE	19	E	19	E	14	E	15	E	1
31																														
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		NE		NE		E		NE-E		NE		NE		NE		E		E		E		E	
NÚMERO DE HORAS	7		9		7		8		9		8		8		7		8		8		8		12		13		12		13	
PROM. HOR. DE LA VELOCIDAD		11		11		11		11		11		11		11		13		14		16		15		15		14		14		1

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	10	E	10	E	11	E	10	E	14	E	13	NE	21	sE	26	NE	26	E	17	15	34	NE	23.25
s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	–	–	–	40	SW	22.56
s/R	–	s/R	–	s/R		s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	s/R	–	–	–	–	28	W	13.12
NE	15	NE	10	NE	8	NE	7	E	3	E	5	E	6	E	5	E	4	E	14	9	23	E	11.30
SE	4	SE	2	E	2	SE	3	SE	2	NE	5	E	7	SE	5	E	5	E	10	4	6	E	20.20 20.28
SE	12	SE	10	SE	10	SE	7	SE	7	SE	7	SE	7	SE	9	SE	9	SE	15	8	21	SW	3.55
SE	14	SE	12	SE	12	SE	11	SE	8	SE	10	SE	9	SE	9	SE	9	SE	24	12	27	SE	11.40
SE	12	SE	9	SE	6	SE	6	SE	4	SE	6	SE	3	S	4	S	4	SE	22	9	20	SE	12.56
S	9	E	12	SE	12	SE	10	SE	9	SE	9	SE	9	SE	7	SE	7	S	16	7	19	SE	16.36
E	11	E	10	E	9	SE	6	SE	6	SE	7	SE	6	SE	5	E	13	SE	14	9	25	E	10.28
E	12	E	9	E	9	SE	6	SE	9	SE	6	E	11	E	10	E	10	NE	11	12	31	NE	9.44
E	14	E	12	E	10	SE	7	SE	5	SE	6	SE	6	E	10	E	17	E	20	13	26	E	10.01
E	13	E	17	E	13	E	10	E	10	E	10	E	7	E	8	NE	12	E	23	13	26	E	12.08
E	12	E	8	E	6	E	6	E	6	E	6	E	9	NE	9	NE	9	NE E	12 12	12	19	NE	8.08
E	9	E	9	SE	4	SE	6	E	8	E	9	NE	11	NE	6	NE	12	NE	14	11	16	NE	9.08
SE	5	SW	5	SW	11	S	6	E	6	E	6	NE	16	NE	31	NE	26	NE	10	13	36	NE	21.58
S	10	S	7	E	5	SW	3	SW	4	SW	2	SW	4	SW	3	W	6	S E SW	6	7	38	E	0.42
s/R	–	SE	2	NE	3	NE	7	E	6	s/R	–	s/R	–	SW	2	S	3	SE	5	4	12	N	8.40
SE	6	SE	5	SE	7	SE	6	SE	8	S	6	SE	8	SE	10	S	7	SE	12	6	13	SE	13.08
SE	3	Calma	1	SE	4	E	3	E	2	Calma	1	SE	2	SE	2	E	4	E	14	8	29	E	1.59
E	14	E	13	E	11	E	11	E	11	E	14	E	15	E	17	E	13	E	16	11	25	E	11.16
SE	2	S	2	SW	2	SW	3	SW	5	SW	6	SW	7	SE	6	SW	6	NE	9	12	28	NE	3.36
SE	6	E	9	E	11	E	10	NE	9	NE	8	NE	11	NE	7	NE	8	S	10	10	29	S	10.16
E	17	NE	17	NE	15	NE	11	NE	11	NE	12	NE	18	NE	21	NE	19	NE	20	10	24	NE	22.29
E	24	E	24	E	23	SW	13	S	7	SE	2	E	7	NE	22	NW	15	E	13	16	38	E	16.50
W	29	W	20	W	13	W	12	W	12	NW	15	NW	16	NW	20	NW	19	SW	10	17	40	S W	6.08 15.17
W	40	W	34	W	37	W	32	W	28	W	34	W	29	W	27	W	27	W	18	34	68	W	14.00
W	18	W	21	W	22	SW	18	SW	14	SW	13	SW	13	SW	15	SW	17	W	18	21	48	W	8.32
SW	7	SW	5	Calma	1	Calma	0	Calma	1	Calma	1	Calma	0	Calma	0	N	3	SW	15	9	28	SW	0.08
S	12	E	11	E	11	E	10	E	5	S	6	SE	6	SE	5	SE	6	NE E	9	10	25	E	9.32
E		E		E		SE		E		SE		SE		SE		NE-E		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		48 Km.		
11		12		12		10		10		8		9		9		7		E	197	12	DIRECCIÓN	DÍA	HORA
	12		11		10		9		8		8		10		11		11				W	27	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			6	133	17	209	1	8										350
2																		-
3																		-
4	14	146	4	40	5	23											1	210
5	1	7	2	13	10	36	6	19			2	9	1	7	2	11		102
6							15	130	9	71								201
7							24	292										292
8							22	200	2	8								208
9					1	12	7	63	16	86								161
10					10	142	14	80										222
11			11	162	10	115	3	21										298
12					20	290	4	24										314
13			1	12	23	301												313
14			12	162	12	118												280
15			14	174	8	88	2	10										272
16	1	6	10	147	5	81	4	43	2	14	2	16						307
17			4	45	6	52			6	34	6	21	2	17				169
18	1	12	2	10	1	6	5	16	3	8	3	14	2	7	2	9	1	83
19					4	33	12	81	5	24	1	2					2	142
20			1	15	14	154	5	16	1	4							3	192
21			8	93	16	183												276
22			9	165	6	75	2	8	1	2	6	29						279
23			5	43	3	30	2	16	10	113	4	46						248
24			20	281	4	68												349
25			7	111	13	236	1	2	1	7	1	13			1	15		384
26											10	188	8	137	6	90		415
27											6	184	18	633				817
28													18	421	6	90		511
29	1	3									15	180	2	21			6	207
30			9	96	9	112	3	17	1	6							2	233
31																		
SUMAS	18	174	125	1702	197	2364	132	1046	57	377	56	702	51	1243	17	215	15	7835
% PREVAL POR VELOCIDAD	2.2		21.7		30.2		13.4		4.8		9.0		15.9		2.7		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	10		14		12		8		7		12		24		13		1	282

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	1	7	5	5	3	2	2	2	1
1 - 2	1	9	6	3	3	2	1	2	1
2 - 3	1	7	6	3	4	2	3	1	1
3 - 4	1	8	7	3	2	5	1	1	
4 - 5	1	9	6	3	3	3	1	1	1
5 - 6	1	8	7	4	3	2	1	1	1
6 - 7		7	8	6	2	2	2		1
7 - 8	1	7	7	6	3	2	2		
8 - 9	3	8	5	5	3	2	2		
9 - 10	1	8	6	3	3	2	3	2	
10 - 11	1	8	7	4	2	2	2	2	
11 - 12	1	3	12	3	4	1	4		
12 - 13	1	1	13	5	2	4	2		
13 - 14	1	1	12	4	4	1	4		1
14 - 15	1	1	13	4	4	1	3		
15 - 16		1	11	9	2	1	3		
16 - 17		2	[illegible]	6	[illegible]	2	3		1
17 - 18		3	12	7		2	3		1
18 - 19		3	[illegible]	10	1	4	2		1
19 - 20		2	10	9	1	3	2		1
20 - 21	1	3	[illegible]	8	2	3	1	1	2
21 - 22		5	7	9		3	1	1	1
22 - 23		7	5	9	1	3	1	1	1
23 - 24	1	7	7	4	3	2	2	2	
SUMAS	18	125	197	132	57	56	51	17	15
% de frec. por dirección	2.7	18.7	29.5	19.8	8.5	8.4	7.6	2.5	2.2

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	31.0	17.6	1.09	9	4	5	
	10	32.6	19.4	1.07	9	2	4	Ne.
1	12	34.0	21.4	1.02	10	0	4	B.
	14	43.4	25.3	1.47	9	4	5	B.
	15	34.0	23.0	0.89	4	5	4	B.
	9	18.9	16.5	0.20	10	0	5	
	10	22.0	17.1	0.40	10	0	3	Ne.
2	12	33.9	22.1	0.96	10	1	4	Ne.
	14	33.1	23.4	0.79	10	1	4	Ne.
	15	22.5	20.0	0.20	10	0	3	
	9	39.6	20.0	1.59	0	5	5	
	10	43.4	23.1	1.65	0	5	5	
3	12	46.6	26.6	1.63	0	5	5	
	14	46.5	27.1	1.58	0	5	5	
	15	43.8	26.3	1.42	0	5	5	
	9	35.0	20.5	1.15	8	4	5	
	10	45.5	25.5	1.63	7	4	5	
4	12	49.0	25.4	1.92	9	4	5	
	14	42.5	27.8	1.20	7	4	5	
	15	37.0	25.7	0.92	9	2	5	
	9	26.7	17.6	0.74	7	1	3	
	10	40.0	23.5	1.34	9	3	3	
5	12	45.0	27.6	1.41	9	3	5	Ds.
	14	43.5	28.0	1.26	10	4	5	Ds.
	15	41.7	27.1	1.19	10	4	5	Ds.
	9	25.0	16.0	0.73	7	3	4	
	10	24.4	16.9	0.61	9	0	4	
6	12	30.5	20.1	0.84	10	0	4	
	14	28.5	20.5	0.65	10	0	4	
	15	32.5	20.7	0.96	9	3	4	
	9	20.5	15.0	0.45	10	0	5	
	10	22.4	14.8	0.62	10	1	5	
7	12	23.0	15.6	0.60	10	0	5	
	14	21.6	15.6	0.49	10	0	5	
	15	24.6	16.5	0.66	10	0	5	
	9	15.6	13.1	0.20	10	0	5	
	10	26.2	16.4	0.80	10	0	5	
8	12	42.8	21.8	1.73	10	4	5	
	14	43.0	23.0	1.63	10	4	5	
	15	38.0	21.5	1.34	9	4	5	
	9	37.0	18.0	1.54	0	5	5	
	10	42.6	21.5	1.72	0	5	5	
9	12	45.0	24.0	1.71	0	5	5	
	14	47.0	25.8	1.72	6	5	5	
	15	34.0	21.0	1.06	4	3	5	
	9	34.6	16.2	1.50	1	3	4	B.
	10	39.8	18.1	1.76	0	5	5	
10	12	41.1	19.5	1.76	1	5	5	
	14	36.1	18.5	1.43	1	3	5	
	15	38.2	19.0	1.56	1	5	5	
	9	31.0	16.5	1.18	9	1	5	
	10	31.4	16.9	1.18	9	0	5	
11	12	26.0	15.7	0.84	10	0	5	
	14	27.0	16.5	0.85	10	0	5	
	15	28.0	16.5	0.93	10	1	5	
	9	28.8	17.5	0.92	9	1	5	
	10	43.5	20.5	1.87	4	3	5	
12	12	38.8	20.8	1.46	2	3	5	
	14	43.7	22.3	1.74	2	3	5	
	15	40.7	21.1	1.59	2	5	5	
	9	31.0	17.6	1.09	4	3	5	
	10	45.0	22.0	1.87	7	3	5	
13	12	42.6	23.0	1.59	4	3	5	
	14	33.9	21.2	1.03	4	3	5	
	15	39.1	22.2	1.37	4	3	5	
	9	29.2	17.8	0.93	10	0	5	
	10	40.1	21.0	1.55	10	2	5	
14	12	40.4	22.9	1.42	10	2	5	
	14	36.2	22.9	1.08	10	2	5	
	15	27.6	20.5	0.50	10	2	5	Js.
	9	38.0	21.0	1.38	10	2	5	
	10	35.0	21.0	1.14	10	1	5	
15	12	39.2	23.1	1.31	10	2	5	
	14	45.5	25.6	1.62	10	4	5	
	15	30.1	21.8	0.67	9	0	5	
	9	40.5	22.9	1.43	7	4	4	Ne.
	10	40.4	23.4	1.38	8	4	4	Ne.
16	12	30.1	21.2	0.72	10	0	3	Ne.
	14				10	0	5	Z.
	15				10	0	4	Z.

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9				10	0	3	Ne., Z.
	10				10	0	4	Z.
17	12	24.6	19.8	0.39	10	0	5	
	14	19.1	17.6	0.12	10	0	4	
	15				10	0	4	Z.
	9	22.0	14.5	0.61	10	0	3	Ne.
	10	25.0	16.0	0.73	10	0	3	Ne.
18	12	32.0	19.2	1.04	10	0	4	Ne.
	14	32.0	21.2	0.88	10	0	3	N.
	15	29.7	20.7	0.73	9	1	4	
	9	31.2	19.0	0.99	10	1	2	
	10	25.1	18.0	0.58	10	0	3	Ne.
19	12	32.6	20.8	0.96	10	1	4	B.
	14	25.5	19.0	0.53	10	0	4	
	15	21.6	17.7	0.32	10	0	4	
	9	40.8	21.4	1.58	0	5	5	
	10	43.6	22.7	1.70	0	5	5	
20	12	45.6	24.8	1.69	2	5	5	
	14	29.8	22.0	0.63	7	0	5	
	15	44.6	26.2	1.50	6	3	5	
	9	44.4	23.8	1.67	1	5	5	
	10	46.2	24.8	1.74	2	5	5	
21	12	46.6	25.1	1.75	1	5	5	
	14	45.7	25.0	1.68	3	5	5	
	15	42.3	24.2	1.47	5	5	5	
	9	17.6	16.9	0.06	10	0	5	
	10	17.0	16.6	0.03	10	0	5	
22	12				10	0	4	Z.
	14				10	0	3	Z.
	15				10	0	3	Z.
	9	42.9	21.6	1.73	2	5	5	
	10	45.0	23.4	1.76	0	5	5	
23	12	46.7	25.3	1.74	0	5	5	
	14	44.5	26.0	1.50	0	5	5	
	15	44.5	25.2	1.57	0	5	5	
	9	42.0	21.1	1.70	0	5	5	
	10	44.9	23.2	1.76	0	5	5	
24	12	46.8	25.5	1.73	0	5	5	
	14	45.6	25.8	1.61	0	5	5	
	15	44.1	25.6	1.50	1	5	5	
	9				10	0	4	LL.
	10				10	0	5	LL.
25	12				10	0	5	Z.
	14	23.5	18.6	0.40	10	0	5	
	15	23.0	19.0	0.32	10	0	5	
	9	25.4	16.5	0.72	10	0	5	
	10				10	0	4	Z.
26	12	25.8	16.1	0.79	6	3	5	
	14	41.7	22.6	1.55	6	3	5	
	15	39.3	21.0	1.49	6	5	5	
	9				10	0	5	Z.
	10				10	0	5	Z.
27	12				10	0	5	Z.
	14				10	0	5	Z.
	15				10	0	5	Z.
	9	23.0	12.5	0.85	10	0	5	
	10	18.3	11.6	0.54	10	0	5	
28	12	15.0	11.5	0.28	10	0	5	
	14	16.0	11.3	0.38	10	0	5	
	15	16.4	11.5	0.40	10	0	5	
	9	17.6	11.4	0.50	10	0	5	
	10	24.0	13.5	0.85	10	0	5	
29	12	46.2	21.C	-	9	3	5	
	14	30.0	17.1	1.05	9	3	5	
	15	27.9	17.1	0.88	10	0	5	
	9	40.1	19.2	1.70	10	4	5	
	10	40.0	19.8	1.64	10	4	5	
30	12	40.3	21.1	1.56	10	4	5	
	14	41.9	22.5	1.58	10	4	5	
	15	34.4	20.6	1.12	10	2	5	
	9							
	10							
31	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1				0.3	0.7	0.9	0.7	0.1	0.9	0.7	1.0	0.2			5.5	11.3	49
2									0.1	0.1					0.2	11.4	02
3		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	11.4	94
4		0.2	0.6	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	0.9	0.3		9.7	11.4	85
5			0.5	0.6	0.9	1.0	1.0	1.0	1.0	1.0	0.7	0.4			8.1	11.4	71
6				0.6	1.0	0.7	0.2	0.2	0.8	0.4	0.2	0.4			4.5	11.5	39
7															0.0	11.5	00
8						0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.2		6.5	11.5	56
9		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1		10.4	11.6	90
10		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	11.6	93
11			0.3	0.7	1.0	1.0	0.6		0.3	0.2	0.1				4.2	11.7	36
12				0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0				6.4	11.7	55
13		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	11.7	91
14			0.1	0.1	0.4	1.0	1.0	0.6	1.0	0.2		0.2			4.6	11.8	39
15				0.1			0.6	0.1	0.2	0.7	0.2	1.0	0.4		3.3	11.8	28
16		0.3	1.0	1.0	0.8	0.5	0.3								3.9	11.9	33
17							0.2								0.2	11.9	02
18								0.1	0.6	0.2	0.3				1.2	11.9	10
19		0.1	0.8	0.7	0.1										1.7	12.0	14
20		0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0.9	1.0	0.5		10.2	12.0	85
21		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.6	12.0	88
22															0.0	12.0	00
23			0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5		9.9	12.1	82
24		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	12.1	92
25															0.0	12.1	00
26									0.8	1.0	1.0	0.8	0.1		3.7	12.2	30
27															0.0	12.2	00
28				0.1											0.1	12.2	01
29			0.2	0.1			0.9	1.0	0.8	0.5	0.5	0.3	0.5		4.8	12.3	39
30		0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5					7.5	12.3	61
31																	
Medias		0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.4	0.1		5.4	11.8	46

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	13.0	17.1	15.9	12.3	14.9	14.9	11.7	12.2	13.2	12.1	12.1	12.6	13.6	13.6	13.7
2	14.7	17.5	16.2	13.7	15.4	15.1	12.8	13.0	13.4	12.8	12.8	13.0	14.0	14.2	14.1
3	13.3	19.4	16.8	12.8	16.9	16.2	12.6	13.3	14.4	13.0	13.0	13.7	14.4	14.4	14.5
4	13.2	18.9	16.8	13.0	16.6	16.1	12.9	13.6	14.4	13.4	13.4	13.9	14.8	14.8	14.8
5	13.6	19.8	18.0	13.2	17.1	16.8	13.0	13.8	14.8	13.6	13.6	14.2	15.1	15.1	15.1
6	15.0	18.2	16.4	14.4	16.3	15.8	13.2	14.1	14.6	14.2	14.0	14.2	15.4	15.4	15.4
7	13.4	15.1	14.8	12.8	14.1	14.0	12.4	12.7	13.0	13.4	13.2	13.2	15.3	15.2	15.0
8	13.6	17.4	15.0	13.0	15.6	14.7	12.6	12.9	13.7	13.1	13.0	13.4	15.0	14.9	14.9
9	11.4	18.0	14.8	11.5	15.9	14.8	12.0	12.8	13.7	13.0	12.8	13.4	15.0	14.8	14.7
10	10.4	15.9	13.9	12.8	14.4	13.7	11.6	12.1	12.9	12.8	12.4	12.9	14.8	14.6	14.5
11	11.8	14.6	14.1	11.6	13.5	13.4	11.7	12.0	12.4	12.5	12.4	12.6	14.6	14.4	14.4
12	13.0	17.1	15.6	12.5	15.3	14.9	12.0	12.6	13.4	12.6	12.6	13.2	14.5	14.5	14.6
13	13.6	18.1	16.2	13.1	16.4	15.5	12.7	13.4	14.2	13.2	13.3	13.8	14.9	15.0	15.1
14	14.4	18.6	17.0	13.9	16.7	16.1	13.4	13.9	14.6	13.8	13.8	14.3	15.4	15.4	15.4
15	15.2	18.6	17.6	14.6	16.8	16.6	14.0	14.3	15.0	14.3	14.2	14.6	15.8	15.8	15.7
16	15.9	18.8	17.4	15.1	17.2	16.4	14.3	14.8	15.0	14.6	14.6	14.9	16.0	15.9	16.0
17	16.4	17.4	16.6	15.6	16.3	15.8	14.6	14.6	14.7	14.8	14.8	14.8	16.2	16.2	16.1
18	14.2	17.6	16.3	13.8	15.8	15.6	13.5	13.8	14.3	14.1	14.0	14.2	16.0	15.9	15.7
19	13.4	16.6	15.7	13.1	15.2	14.9	13.0	13.4	13.8	13.8	13.6	13.9	15.7	15.6	15.5
20	14.4	20.0	18.0	13.6	17.9	17.2	13.2	14.4	15.4	13.8	13.9	14.8	15.6	15.6	15.7
21	15.2	20.3	18.4	14.7	18.7	17.6	14.2	15.2	16.0	14.7	14.8	15.4	16.2	16.2	16.3
22	16.8	17.0	17.1	16.0	16.1	16.3	15.1	15.0	15.0	15.4	15.2	15.2	16.6	16.6	16.6
23	16.1	20.0	17.2	15.4	18.6	17.0	14.7	15.4	16.0	15.0	15.0	15.6	16.5	16.5	16.6
24	13.8	19.4	18.8	13.9	17.7	17.3	14.2	14.8	15.9	15.1	14.9	15.6	16.8	16.7	16.7
25	16.6	17.0	17.6	15.8	16.0	16.8	15.0	14.9	15.2	15.4	15.4	15.4	17.0	17.0	16.8
26	16.8	17.4	16.1	16.2	16.4	15.8	15.2	15.0	15.1	15.4	15.3	15.4	16.9	16.9	16.8
27	12.8	12.9	12.2	12.8	12.8	12.3	13.2	12.6	12.4	14.4	13.8	13.4	16.6	16.2	15.8
28	10.5	12.6	12.7	11.4	12.2	12.3	11.6	11.6	11.8	12.8	12.5	12.4	15.4	15.1	14.9
29	12.2	16.0	14.4	11.7	14.2	13.9	11.5	11.9	12.8	12.4	12.4	12.6	14.8	14.7	14.7
30	11.4	17.6	15.8	11.2	15.3	15.0	11.6	12.4	13.5	12.6	12.6	13.2	14.9	14.9	14.9
31															
Prom.	13.9	17.5	16.1	13.5	15.9	15.4	13.1	13.6	14.2	13.7	13.6	14.0	15.5	15.4	15.4

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Freatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	0.8	1.5	1.3	5.2							8548
2					0	2.4	0.9	0.8	2.2							8515
3	0.0	0.0	0.0	0.0	0	0.5	2.3	2.1	5.1							8556
4					0	0.7	2.8	1.9	4.9	J. 4	12.1	12.8	23.4			8566
5					0	0.2	1.7	1.2	3.4							8564
6	10.1	11.3	10.7	10.1	2	0.5	0.6	0.6	1.6							8563
7	22.8	22.4	23.0	20.9	2	0.4	0.5	0.3	1.4							8567
8					2	0.6	1.1	1.2	2.7							8576
9					2	0.4	1.6	1.3	3.6	J. 5	20.0	16.5	23.3	19.7	15.4	8595
10					1	0.7	1.7	0.9	3.8							8605
11					0	1.2	2.2	1.0	4.9							8602
12					0	1.7	1.7	1.3	3.8							8585
13					0	0.8	1.5	1.0	3.2							8573
14					0	0.7	1.0	0.8	2.6	J. 6	16.8	18.2	24.8			8566
15					0	0.8	1.1	1.0	3.1							8568
16					2	1.0	0.9	0.3	1.8							8573
17	5.9	6.0	5.0	5.0	2	0.6	0.1	0.3	0.5							8575
18	9.7	10.0	9.9	9.4	2	0.1	0.5	0.7	1.5							8596
19					2	0.3	0.9	0.8	2.8	J. 7	20.2	17.8	21.9			8615
20	8.9	9.2	8.8	8.5	2	1.1	1.0	0.6	1.7							8596
21					1	0.1	1.4	0.7	3.2							8604
22	0.0	0.0	0.0	0.0	1	1.1	0.3	0.2	0.8							8575
23					0	0.3	2.1	1.7	5.1							8614
24					0	1.3	2.9	1.6	4.9	-	-	-	-			8616
25	1.0	1.5	0.6	0.8	2	0.4	1.3	0.4	1.9							8588
26	25.9	26.4	26.3	24.0	2	0.2	0.9	1.1	4.1							8422
27	26.4	27.3	25.8	24.6	2	2.1	0.5	1.0	2.3							8454
28	2.0	1.8	3.1	0.2	2	0.8	0.8	0.4	2.0							8466
29					2	0.8	0.8	0.4	1.4							8474
30					2	0.2	1.2	0.8	2.1	J. 8	23.2	21.6	25.6	20.7		8460
31																
Prom.	112.7	115.9	113.2	103.5	-	0.7	1.3	0.9	2.9	-	-	-	-	-	-	8559

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
13.0	13.2	13.1	12.8	12.9	12.9	15.1	17.0	1.9	Cn. m. y t., Ca. n., r. m., B.Js. t.
13.4	13.6	13.5	13.0	13.1	13.1	15.1	17.0	10.1	Cn. m. t. y n., Z. t.
13.7	13.8	13.8	13.2	13.2	13.2	15.1	16.9	3.4	Ca. m. t. y n., r. n.
14.1	14.3	14.1	13.3	13.4	13.4	15.1	16.9	2.9	Cn. m. y t., Ca. n., r. m. t. y n.
14.4	14.6	14.4	13.5	13.5	13.6	15.1	16.9	3.2	Cn. m. t. y n., r. m., Ds. t., LL. n.
14.7	14.8	14.7	13.6	13.7	13.7	15.1	16.8	9.2	Cn. m. t. y n., Ne. m.
13.8	13.7	13.7	13.9	13.9	13.8	15.0	16.6	8.5	Cn. m. t. y n., Z. n.
14.4	14.5	14.5	14.0	14.0	14.0	15.0	16.6	7.9	Cn. m. y t., Ca. n., Js. t., Jl.r. n.
14.6	14.5	14.4	13.9	14.1	14.1	15.1	16.6	-0.4	Ca. m. y n., Cn. t., r. m. y n., h. n.
14.6	14.5	14.3	14.0	14.1	14.1	15.1	16.6	-0.9	Ca. m. t. y n., r. m. y n., B. n. h. m.
14.5	14.4	14.3	14.1	14.2	14.2	15.1	16.6	2.1	Cn. m. t. y n., r. m.
14.4	14.4	14.4	14.2	14.2	14.2	15.1	16.6	7.9	Cn. m. y n., Ca. t., r. n.
14.6	14.8	14.7	14.2	14.3	14.3	15.2	16.7	3.2	Ca. m. y t., Cn. n., r. m. y n., Jl.Dl. n.
14.9	15.1	15.0	14.3	14.3	14.3	15.2	16.6	7.9	Cn. m. t. y n., r. m., Js.Ds. t., Jl.Dl. n.
15.3	15.4	15.3	14.4	14.4	14.4	15.2	16.6	9.4	Cn. m. t. y n., r. m. y n., Jl.Ne. n.
15.6	15.5	15.5	14.5	14.5	14.6	15.3	16.6	10.2	Cn. m. t. y n., r. m., LL.Ru. t. y n.
15.6	15.6	15.5	14.6	14.7	14.7	15.3	16.6	9.6	Cn. m. t. y n., Ne. m., Ru.LL. m.,r.Jl.Dl. n.
15.5	15.5	15.2	14.7	14.8	14.8	15.4	16.6	5.5	Cn. m. y t., Ca. n., Ne. m., B. t., r. n.
15.2	15.2	15.1	14.8	14.8	14.8	15.3	16.5	3.0	Cn. m. t. y n., N. m., CH. t.
15.1	15.1	15.1	14.9	14.9	14.9	15.5	16.6	7.7	Ca. m. y n., Cn. t., LL.Ru.r.Ns. n.
15.5	15.6	15.6	14.9	14.9	14.9	15.5	16.6	5.8	Ca. m. y n., Cn. t., r. n.
16.1	16.1	16.2	15.0	15.0	15.0	15.5	16.6	12.8	Cn. m. t. y n., Ru.Z. m. y t., N. n.
16.0	16.0	15.9	15.1	15.1	15.1	15.5	16.5	10.6	Cn. m., Ca. t. y n., r. m. y n.
16.3	16.4	16.2	15.2	15.3	15.2	15.5	16.5	2.0	Ca. m. t. y n., r. m. y n.
16.5	16.6	16.5	15.3	15.3	15.7	15.5	16.5	12.0	Cn. m. t. y n., Ru.LL. m. y n.
16.6	16.6	16.4	15.5	15.5	15.5	15.6	16.3	13.1	Cn. m. y t., Ca. n., r. n.
16.3	16.1	15.8	15.5	15.5	15.5	15.6	16.4	5.7	Cn. m. t. y n., Z. m. y t.
15.3	15.1	14.9	15.4	15.3	15.3	15.7	16.5	5.9	Cn. m. y t., Ca. n., Z. t.
14.7	14.7	14.6	15.2	15.3	15.3	15.8	16.5	7.4	Cn. m. y t., Ca. n., r. n.
14.7	14.8	14.6	15.1	15.3	15.2	15.8	16.5	0.1	Cn. m. y t., Ca. n., Ne. m.
15.0	15.0	14.9	14.4	14.4	14.5	15.3	16.6	6.3	

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	61.0	74.6	10	8	53.3	2	17	14.1	20.2	8.9	24.8	5	14	3.3	10	5	6.6	11.5	58
2ª	60.5	73.4	11	8	50.3	17	1	14.8	18.8	11.0	21.6	20	17	7.0	19	6	4.6	11.8	39
3ª	55.2	62.7	21	1	44.3	27	12	13.4	16.9	9.2	21.9	24	15	4.0	30	4	4.8	12.2	39
MES	58.9	74.6	10	8	44.3	27	12	14.1	18.6	9.7	24.8	5	14	3.3	10	5	5.4	11.8	46

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	76	100	5,9	35	3	8.8	12.3	5.2	SE	7	32	1	28	1	22-23 23-24	40	SW	2	22.56	33.7	22.4	7	8.0	7	2-3
2ª	80	100	17,19	47	12	9.8	13.5	5.4	E	10	32	17	28	16	23-24	38	E	17	0.42	25.2	10.0	18	-	-	-
3ª	82	100	29,30	38	23	9.3	14.0	5.8	E	15	48	27	43	27	10-11 12-13	68	W	27	14.00	57.0	27.3	27	8.0	25	18-19
MES	79	100		35	3	9.3	14.0	5.2	E	12	48	27	43	27	10-11 12-13	68	W	27	14.00	115.9	27.3	27	8.0	7 25	2-3 18-19

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Trombs 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	2	-	-	-	-	-	-		
2ª	-	1	2	1	1	-	-	3	-	-	1	-	-	-	2	3	-
3ª	-	-	1	1	-	-	-	1	3	-	-	-	-	-	4	2	-
MES	-	3	4	2	1	-	-	5	5	-	1	-	-	-	6	5	-

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	7	2	-	-	-	1	-	2	1	-	-	2	3	-	-	-
2ª	9	-	-	-	-	1	3	1	4	-	-	-	7	-	-	-
3ª	5	-	-	-	-	-	-	-	-	-	-	1	5	-	-	-
MES	21	2	-	-	-	2	3	3	5	-	-	3	15	-	-	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III — OCTUBRE 1948 — N°. 10

RESUMEN MENSUAL

El tiempo se descompone durante los tres primeros días del mes; el 3 llueve durante todo el día. En estas condiciones atmosféricas la humedad absoluta alcanza su valor máximo mensual con 15.0 mm. Tormentas eléctricas presagian un aire frío que llega al Observatorio el mismo día por la noche. Aclara luego rápidamente y siguen cinco días de cielo despejado.El barómetro marca el valor máximo mensual con 768.8 mm. el día 7. En los días siguientes baja la presión, cambia el viento al sector NE y la temperatura, humedad y nubosidad aumentan. Este aire marítimo se mantiene hasta el fin de la década; se anotan durante el día 9 lluvias y lloviznas.

Hasta el 13 sigue este tiempo nuboso y húmedo; después mejora hasta el 17. El día 15 se registra la mínima mensual de la temperatura con 2.0° C. El mismo día empieza la presión a bajar; sopla ya el N. Como siempre en tales circunstancias aumenta la temperatura y la inestabilidad del tiempo en general. El 18 marca la presión 748.6 mm., valor mínimo mensual. Este día atraviesa la región un frente frío con lluvias. El tiempo se restablece rápidamente.

Los dos primeros días de la última década reina aún tiempo bueno. Una fuerte ola de aire polar con ligeras lluvias y tormentas llega la noche del 22. La intensa afluencia de aire frío que mantiene nublado el cielo el 23, dura muy poco, pues ya el 25 el viento sopla nuevamente desde el N.Sin embargo un nuevo empuje de aire fresco seco avanza el 27 desde el S; al día siguiente se registra la mínima de la tensión del vapor con 4.6 mm. La ya fuerte irradiación y el viento N prevalente en los últimos días hacen que el 31 se anote la temperatura máxima mensual con 27.5° C.

El promedio mensual de la temperatura no difiere mayormente de la normal. El de la presión atmosférica es de 2.5 mb superior al término medio y la heliofanía registra unas 30 horas más de brillo solar de las que se podría haber esperado.

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	18	14	12	14	12	9	–	–	–	18	30	38	48	66	78
2	–	–	–	–	–	–	–	–	–	–	–	46	42	60	66
3	±∞	±∞	±∞	±∞	±∞	–	–	–	–	–	–	–	–	–	185
4	26	28	30	40	54	52	50	69	64	66	69	75	73	78	71
5	50	56	64	103	89	107	82	142	98	89	66	70	75	94	103
6	42	40	34	42	34	26	42	58	62	78	89	54	48	48	48
7	–	–	–	–	–	–	–	–	42	98	130	121	40	20	18
8	54	50	44	52	50	50	60	71	78	119	162	171	167	142	181
9	±∞	34	42	54	71	+∞	–	–	–	–	–	–	±∞	±∞	±∞
10	94	89	82	78	62	66	58	48	50	54	48	58	58	42	46
11	–	–	–	20	0	48	34	60	54	66	58	73	75	60	66
12	73	85	82	89	114	130	98	121	+∞	165	94	75	73	66	46
13	46	40	40	50	30	40	24	16	26	30	20	5	5	2	18
14	48	40	50	46	42	34	69	98	75	103	85	105	96	96	101
15	24	69	85	52	46	16	128	112	96	121	107	84	91	69	78
16	48	22	30	26	28	22	44	64	89	75	64	55	52	55	38
17	50	48	52	52	42	48	54	56	64	24	22	16	22	– 4	14
18	38	–	–	–	–	–	–	2	– 7	±∞	50	31	42	+∞	±∞
19	46	50	50	54	58	56	54	96	105	103	98	78	75	78	69
20	85	58	22	30	42	46	56	71	34	89	126	80	24	44	60
21	40	42	40	46	36	38	56	98	94	130	119	66	54	46	60
22	46	46	60	105	54	52	38	28	–25	–56	–69	–50	–35	22	38
23	–	–	–	–	–	–	24	80	–	–	–	–	–	–	–
24	–	–	–	–	–	–	46	66	56	46	–14	16	30	18	4
25	14	9	–	–	–	–	–	30	42	36	24	18	– 4	–16	26
26	42	26	18	16	30	34	46	71	78	78	50	60	69	64	98
27	–	–	–	–	–	–	–	–	48	26	44	22	48	46	42
28	71	72	64	26	26	101	167	98	80	30	18	6	34	–85	–89
29	–	–	–	–	–	–	32	54	64	56	71	49	30	16	–10
30	69	71	66	71	85	46	67	50	46	50	54	56	54	60	52
31	28	12	46	40	48	38	50	16	–87	–85	–119	–98	–79	–91	–22
Prom.	50.8	45.7	43.0	51.0	51.8	47.7	58.0	81.7	74.5	90.2	93.2	81.0	71.8	74.1	78.3

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	–	–	–	–	–	–	–	–	0.27	0.36	0.63	0.75	0.32	0.37	0.69	0.86
2	–	–	–	–	–	–	–	–	0.63	0.80	1.43	0.79	0.43	0.50	0.93	0.86
3	–	–	–	–	–	–	–	–	–	–	–	–	0.47	1.01	1.48	0.46
4	–	–	–	–	8.77	10.02	18.79	0.87	0.58	0.90	1.48	0.64	1.29	1.27	2.56	1.02
5	–	–	–	–	5.25	7.02	12.28	0.74	0.77	0.94	1.71	0.82	0.96	1.08	2.04	0.89
6	0.56	0.88	1.44	0.64	7.14	8.92	16.06	0.80	0.57	0.61	1.18	0.93	0.89	0.94	1.83	0.95
7	1.24	3.45	4.69	0.37	7.13	3.55	10.68	2.00	0.23	0.26	0.49	0.88	0.51	0.49	1.00	1.04
8	3.23	5.39	8.62	0.60	2.60	3.69	6.28	0.69	0.64	0.66	1.30	0.97	0.44	0.39	0.83	1.13
9	–	–	–	–	–	–	–	–	0.27	0.33	0.60	0.82	0.34	0.41	0.75	0.83
10	–	–	–	–	–	–	–	–	0.43	0.45	0.88	0.96	0.61	0.57	1.18	1.07
11	3.85	3.11	6.96	1.21	5.07	6.38	11.45	0.79	0.33	0.55	0.86	0.62	0.70	0.80	1.50	0.88
12	6.90	11.77	18.67	0.58	6.35	6.35	12.70	1.00	0.78	1.03	1.81	0.76	1.16	1.20	2.36	0.97
13	–	–	–	–	–	–	–	–	1.15	1.24	2.39	0.93	1.38	1.34	2.72	1.03
14	5.05	9.32	14.37	0.55	9.01	9.78	18.79	0.92	0.54	0.88	1.42	0.61	1.29	1.59	2.88	0.81
15	–	–	–	–	5.93	6.36	12.29	0.94	0.79	0.99	1.78	0.80	1.05	1.01	2.06	1.04
16	8.17	8.52	17.69	0.86	8.48	10.68	19.16	0.80	1.20	1.26	2.46	0.95	1.18	1.48	2.66	0.80
17	7.30	8.51	15.81	0.86	10.86	11.87	22.72	0.92	1.02	1.08	2.10	0.94	1.47	1.59	3.06	0.92
18	–	–	–	–	–	–	–	–	0.68	0.68	1.36	1.00	1.42	1.36	2.78	1.04
19	7.69	9.27	16.96	0.84	7.10	6.99	14.09	1.01	1.06	1.23	2.29	0.86	1.14	1.19	2.33	0.96
20	2.96	4.30	7.26	0.68	9.15	9.04	18.19	1.02	0.56	0.63	1.19	0.89	1.16	1.20	2.36	0.97
21	4.56	4.72	9.28	0.97	8.88	7.44	16.32	1.19	0.62	0.68	1.30	0.91	1.14	1.09	2.23	1.04
22	7.38	10.36	17.74	0.72	8.00	9.59	17.59	0.84	0.99	1.26	2.25	0.78	1.21	1.45	2.66	0.83
23	–	–	–	–	9.40	10.23	19.62	0.90	0.44	0.45	0.89	0.98	0.83	1.03	1.86	0.80
24	7.07	7.92	14.99	0.88	8.76	9.65	18.40	0.92	0.42	0.77	1.19	0.54	1.31	1.31	2.62	1.00
25	8.83	11.82	20.65	0.74	8.12	8.91	17.03	0.92	1.30	1.57	2.87	0.83	1.27	1.31	2.58	0.97
26	5.08	5.89	10.97	0.85	7.42	8.48	15.90	0.87	0.73	0.82	1.55	0.89	1.17	1.44	2.61	0.81
27	8.76	10.92	19.68	0.80	8.56	9.45	18.01	0.92	1.02	1.10	2.12	0.93	1.46	1.37	2.83	1.06
28	4.48	5.95	10.42	0.76	2.56	3.58	6.14	0.72	0.66	0.80	1.46	0.82	0.31	0.49	0.80	0.63
29	4.57	4.36	8.94	1.05	3.35	5.41	8.77	0.62	0.53	0.67	1.20	0.79	0.58	0.62	1.20	0.94
30	4.73	5.58	10.32	0.85	12.63	12.79	25.42	0.98	0.67	0.76	1.43	0.88	1.56	1.82	3.38	0.86
31	5.76	6.11	11.87	0.94	9.32	8.41	17.74	1.09	0.84	0.94	1.78	0.89	1.50	1.31	2.81	1.14
Prom.	5.41	6.96	12.37	0.79	7.49	8.11	15.60	0.94	0.69	0.82	1.51	0.84	0.98	1.06	2.05	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
94	91	87	94	46	22	-	-	-		167	-73	240	2*
73	71	75	46	2	18	28	22	30		107	-22	129	2*
181	40	9	36	36	36	42	42	36		∞	-∞	-	3*
78	85	73	69	62	54	50	50	50	59.0	101	14	87	0
130	133	114	101	71	52	42	54	40	84.4	222	-18	240	1
48	44	42	22	44	60	71	48	54	49.1	178	- 5	183	1
-	-	-	-	-	-	-	62	62		181	-20	201	2*
192	158	144	69	26	24	50	52	54	92.5	233	-14	247	1
107	146	80	103	96	98	103	98	105		∞	-∞	-	3*
52	42	56	48	50	24	30	-	-		128	0	128	0*
69	91	85	78	78	64	44	80	85		265	-28	293	1*
30	26	38	-	-	-	-	26	50		∞	- 7	-	1*
7	34	56	64	62	54	50	54	54		78	-23	101	2
98	94	91	75	89	85	78	38	22	73.2	158	- 7	165	1
66	71	66	42	85	66	26	46	50		265	-102	367	2
22	50	85	105	103	71	64	58	54	55.2	153	-48	201	1
12	38	40	38	40	40	50	34	40		87	-195	282	2
±∞	-	-	-	-	-	38	38	44		∞	-∞	-	3*
64	66	78	71	46	44	54	58	64	67.3	135	34	101	0
42	50	60	48	42	32	34	42	44	52.5	158	-48	206	1
54	52	48	103	62	135	40	44	40	64.3	∞	-146	-	1
80	105	75	38	36	52	+∞	-	-		∞	-∞	-	3*
-	-	-	-	-	56	52	40	40		∞	-∞	-	3*
-10	5	26	52	-	-	110	78	60		201	-130	331	2*
37	40	62	75	62	80	46	44	48		149	-∞	-	2*
89	94	110	85	50	78	32	18	-		146	-12	158	1*
36	36	36	40	54	60	52	75	112		167	-116	283	1*
-10	-146	-33	107	62	46	75	-	-		∞	-∞	-	2*
±∞	-	+∞	46	107	71	73	114	110		∞	-∞	-	3*
42	38	34	56	98	64	38	85	20	57.2	224	-23	247	1
9	18	34	42	38	56	42	42	38		82	-∞	-	2
77.0	77.0	76.9	71.9	64.3	52.1	52.1	52.9	44.2	65.5				

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^-
32	46	98	0.97	2.25	553	341	894	1.62	2.15	-
-	46	73	2.19	2.26	394	735	1129	0.54	0.44	1.34
-	-	44	-	2.17	425	394	819	1.08	-	-
75	75	82	3.70	7.00	1136	1165	2301	0.98	0.32	-
58	66	133	3.76	9.04	1165	964	2129	1.21	0.51	0.56
71	54	44	2.12	2.68	737	859	1596	0.86	0.98	1.15
112	130	-	2.12	-	308	509	817	0.60	-	1.78
169	176	142	7.63	3.93	683	425	1108	1.61	-	0.46
-	-	130	-	3.25	306	117	423	2.62	-	1.60
36	46	46	1.35	1.81	283	308	591	0.92	-	1.34
52	52	98	1.49	4.90	425	285	710	1.49	-	-
87	73	32	4.40	2.52	283	364	647	0.78	-	1.59
20	0	42	-	3.81	425	226	651	1.88	2.05	0.77
82	105	91	4.97	8.74	853	920	1773	0.93	-	-
80	80	58	4.75	3.98	364	792	1156	0.46	-	0.90
66	66	58	5.41	5.14	1251	551	1802	2.27	1.03	2.50
20	18	44	1.26	4.49	731	737	1468	0.99	0.81	1.23
40	38	-	1.72	-	733	431	1164	1.70	2.22	2.75
89	78	58	5.95	4.50	1044	968	2012	1.08	0.19	0.76
110	89	62	3.53	4.88	172	735	907	0.23	2.15	0.27
112	78	52	3.38	3.86	798	677	1475	1.18	0.74	1.60
-48	-81	91	-6.08	8.07	907	859	1766	1.06	1.00	0.46
-	-	-	-	-	1165	624	1789	1.87	0.51	0.30
-22	- 2	- 4	-	-	792	1100	1892	0.72	-	0.35
22	20	36	1.91	3.10	1165	1136	2301	1.02	0.69	1.28
69	56	89	2.89	7.74	907	731	1638	1.24	-	0.27
38	14	38	0.99	3.58	1044	964	2008	1.08	-	0.75
5	12	-228	0.58	-6.08	907	920	1827	0.98	0.59	1.08
64	52	-	2.08	-	981	853	1834	1.15	0.60	1.29
56	58	38	2.76	4.28	570	981	1551	0.58	-	0.80
-77	-81	36	4.81	3.37	916	853	1769	1.07	-	0.43
52	48	54	2.72	4.05	723	694	1417	1.15	1.00	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	15
1	61.7	61.6	61.6	62.0	62.3	63.2	63.7	64.0	64.1	63.9	63.8	63.3	62.9	62.4	62.(
2	62.7	62.6	62.1	62.2	62.2	62.4	62.7	62.9	62.5	62.1	61.7	60.9	60.2	59.0	58.:
3	56.2	55.8	52.9	52.0	51.9	51.7	51.5	50.6	49.9	49.1	48.9	51.6	50.2	50.0	49.:
4	55.0	55.0	55.0	55.5	56.0	56.7	57.1	58.1	58.6	58.8	58.8	58.9	59.0	58.9	58.(
5	62.4	62.3	62.2	62.1	62.4	63.4	64.0	64.2	64.2	64.0	63.7	63.0	62.2	62.2	61.(
6	61.6	61.4	61.3	61.5	61.5	61.5	61.7	61.6	61.7	62.2	62.3	62.2	62.0	61.8	61.(
7	66.2	66.2	66.7	67.1	67.7	68.2	68.4	68.8	68.8	68.7	68.4	68.1	67.8	67.4	66.(
8	65.9	65.7	65.8	65.7	65.7	66.1	66.4	66.2	66.1	65.7	64.8	63.8	63.5	63.0	62.:
9	61.3	60.6	60.4	60.9	61.0	61.0	60.4	60.2	61.2	61.1	60.6	60.4	61.4	59.5	56.:
10	58.1	58.0	58.1	57.9	58.1	58.1	58.6	59.1	59.3	59.3	59.1	59.0	58.6	58.6	58.(
11	59.3	58.8	58.6	58.7	58.7	58.9	59.0	58.8	58.7	58.5	58.3	58.1	57.9	57.6	56.:
12	58.2	57.9	57.9	58.2	58.4	58.9	59.6	59.7	59.6	59.5	59.3	59.1	58.8	58.5	58.:
13	58.8	59.1	59.0	59.1	59.3	59.5	60.2	60.4	60.5	60.6	60.6	60.7	60.4	60.1	60.:
14	63.1	62.9	63.1	63.5	64.1	64.9	64.3	66.0	66.0	65.9	65.9	65.8	65.4	65.2	65.(
15	66.6	66.3	66.4	66.5	66.9	67.3	67.6	68.0	67.9	68.0	67.8	67.6	67.4	66.8	66.(
16	66.6	66.4	66.4	66.3	66.6	66.8	67.0	67.0	66.7	66.5	66.2	65.5	65.2	64.7	63.(
17	61.4	60.6	60.4	60.1	60.0	60.0	60.1	60.1	59.7	58.9	57.8	57.0	56.1	55.4	54.(
18	53.3	52.6	52.4	52.0	52.1	52.1	51.7	51.6	52.4	53.1	51.9	51.1	50.5	49.8	48.(
19	55.7	56.0	56.6	57.9	58.3	58.7	58.8	58.8	58.7	58.4	58.0	57.7	57.5	57.0	56.(
20	56.1	55.8	55.3	55.0	55.3	55.7	55.6	56.5	56.2	56.0	55.7	55.9	56.2	55.8	55.:
21	59.5	59.6	59.7	60.0	60.3	60.5	60.5	61.2	61.0	60.9	60.8	60.4	60.2	60.0	59.:
22	57.3	56.5	56.0	55.9	55.8	55.6	55.2	55.0	54.4	54.0	53.3	52.7	52.0	51.1	50.(
23	54.5	54.2	54.6	55.3	56.6	57.1	57.8	59.0	58.6	58.0	59.3	59.2	59.3	59.2	59.:
24	64.9	64.4	64.7	64.8	65.1	65.6	66.1	66.7	66.7	66.8	66.8	66.4	65.9	65.5	65.:
25	65.2	65.0	64.9	64.8	64.8	65.3	65.3	65.2	64.9	64.5	63.6	63.1	62.5	61.4	60.:
26	60.9	60.2	59.6	59.3	59.3	59.5	60.0	59.7	59.0	58.2	57.6	56.9	56.0	55.0	54.:
27	54.4	54.4	55.2	55.1	56.1	56.3	56.5	55.4	55.2	56.1	55.4	56.0	55.8	55.4	55.:
28	56.7	56.7	56.7	56.7	56.5	57.2	58.1	58.4	58.4	58.3	58.5	58.5	58.4	58.4	58.:
29	60.8	60.9	61.6	62.1	62.2	62.8	63.0	63.2	63.7	63.7	63.2	62.4	62.0	61.6	61.:
30	62.7	62.0	62.0	62.0	62.1	62.2	62.6	62.9	63.0	62.9	62.6	62.4	61.9	61.2	60.(
31	60.0	59.6	59.5	59.4	59.2	59.8	59.8	59.8	59.6	59.1	58.7	58.1	57.5	56.4	55.:
Prom	60.2	60.0	59.9	60.0	60.2	60.6	60.8	60.9	60.9	60.7	60.4	60.2	59.8	59.3	58.(

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	10.4	10.3	10.7	11.3	11.6	11.7	11.9	12.2	12.7	14.6	17.0	18.6	19.3	19.9	19.6
2	13.2	13.2	12.9	12.6	12.4	12.3	12.8	13.2	13.2	13.2	13.8	15.0	16.8	16.8	17.5
3	14.7	14.4	14.3	14.3	14.4	14.3	14.3	14.8	16.2	15.5	15.6	15.0	15.2	18.0	18.7
4	11.2	10.6	10.3	10.4	10.5	10.5	11.1	13.9	15.2	17.0	18.6	20.0	20.7	21.2	21.3
5	10.2	9.0	8.3	8.6	8.6	7.7	9.9	15.8	17.6	18.9	19.6	20.2	20.6	20.6	20.7
6	13.1	11.6	10.8	10.7	10.2	10.3	12.4	15.8	17.7	20.0	21.3	22.9	23.7	24.6	24.6
7	12.1	11.3	10.5	9.4	8.7	8.3	8.4	10.6	11.5	13.0	14.7	15.0	15.0	15.2	14.8
8	9.2	8.6	8.2	7.3	7.0	7.2	7.9	10.6	12.4	13.3	14.0	15.4	15.7	16.7	17.1
9	13.5	13.5	13.6	13.6	13.2	13.2	13.1	13.6	13.5	13.5	13.4	13.4	13.3	12.8	12.9
10	12.8	12.5	12.2	12.5	13.0	13.4	13.8	14.6	15.0	15.9	16.2	17.3	18.2	18.2	18.7
11	14.6	14.7	14.8	14.8	14.8	14.7	14.7	15.6	16.0	16.4	16.5	16.9	17.8	18.3	19.3
12	11.5	10.9	10.8	9.4	10.5	11.0	11.7	12.8	14.0	17.0	19.2	20.6	21.4	21.4	21.0
13	13.4	13.9	14.0	13.6	13.4	13.2	12.8	13.3	13.7	13.8	13.7	13.9	14.1	14.5	14.5
14	8.5	7.7	7.0	6.3	5.9	5.7	6.5	10.6	12.4	13.6	14.7	15.6	16.7	17.5	17.3
15	7.1	6.0	5.1	3.9	3.9	3.5	8.4	12.2	13.6	15.8	17.1	18.1	18.6	19.4	18.8
16	10.7	9.3	8.9	8.2	7.5	7.3	9.6	13.2	15.9	17.9	19.3	20.0	20.7	20.8	20.7
17	12.2	11.7	11.4	10.8	10.4	10.1	12.1	15.4	17.5	18.9	20.6	21.6	22.9	23.5	23.8
18	17.7	17.4	17.2	16.9	16.8	17.6	18.7	19.5	19.3	18.5	20.2	20.3	19.3	17.5	17.6
19	10.7	9.9	9.4	8.0	7.7	7.3	9.2	14.0	16.9	19.4	20.7	21.7	22.3	22.7	22.9
20	12.7	12.1	12.0	11.7	12.0	13.4	15.9	18.8	17.8	19.9	22.4	23.5	23.5	23.3	22.9
21	10.0	9.3	7.7	8.2	8.3	8.4	12.0	16.2	18.7	20.5	21.6	22.7	23.2	23.8	23.4
22	11.8	11.8	12.1	12.7	12.3	12.3	14.7	17.0	19.0	21.6	21.8	23.9	24.5	25.8	25.6
23	15.7	14.0	14.0	13.6	12.9	12.3	12.1	11.8	11.2	11.2	11.8	11.6	11.8	13.0	13.5
24	5.7	5.5	5.3	4.8	4.8	4.6	6.7	10.8	12.7	14.5	16.0	17.2	17.9	18.4	18.7
25	6.3	7.1	7.5	7.1	7.0	6.7	10.4	13.9	16.2	18.1	18.8	19.6	19.3	20.4	20.4
26	13.5	13.7	13.8	13.4	12.1	12.2	12.9	15.3	16.9	18.7	19.5	19.9	20.7	21.6	21.7
27	13.7	13.3	12.8	12.6	12.7	12.9	13.8	17.0	19.4	19.0	21.2	22.3	23.2	24.0	23.4
28	7.4	6.7	6.9	7.6	8.2	9.1	10.9	15.0	19.1	20.2	21.6	21.0	20.6	21.0	20.2
29	11.9	10.7	10.0	9.8	9.3	9.3	11.9	14.5	15.9	17.2	18.4	19.1	19.6	19.8	17.5
30	7.9	7.2	6.3	5.1	4.6	4.7	9.7	14.8	17.2	19.2	20.7	21.4	22.7	23.2	23.1
31	11.5	10.8	11.1	11.0	10.7	12.8	14.9	19.9	22.0	24.5	25.3	26.4	26.8	27.4	27.5
Prom	11.4	10.9	10.6	10.3	10.2	10.3	11.8	14.4	15.8	17.1	18.2	19.0	19.6	20.0	20.0

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
62.1	62.2	62.3	62.3	62.6	63.0	63.1	63.1	62.6	64.1	9	61.6	2-3	2.5	762.7 mm.	1016.9 mb.
57.3	57.2	57.5	57.5	57.0	56.9	56.6	55.5	55.2	62.9	8	55.2	24	7.7	59.8	1013.0
50.1	50.6	51.6	52.2	52.8	53.6	54.0	54.7	54.8	56.2	1	48.9	11	7.3	51.9	1002.5
58.8	59.1	59.5	60.3	60.8	61.3	61.5	62.1	62.4	62.4	24	55.0	1-3	7.4	58.6	1011.4
61.4	61.4	61.3	61.4	61.6	61.7	61.6	61.6	61.7	64.2	8-9	61.3	18	2.9	62.4	1016.5
61.5	62.0	62.4	63.4	64.0	64.7	65.1	65.5	66.0	66.0	24	61.3	3	4.7	62.5	1016.6
66.8	66.8	66.8	66.6	66.6	66.1	65.9	65.9	66.0	68.8	8-9	65.9	22-23	2.9	67.2	1022.9
62.3	62.2	62.3	62.2	62.4	62.4	62.3	62.1	61.7	66.4	7	61.7	24	4.7	64.0	1018.6
57.8	58.0	58.6	58.6	58.8	58.7	58.6	58.5	58.5	61.4	13	56.5	15	4.9	59.7	1012.9
58.6	58.8	58.8	59.1	59.4	59.4	59.4	59.4	59.4	59.4	20-24	57.9	4	1.5	58.8	1011.7
56.6	56.8	57.1	57.1	57.4	57.8	58.1	58.3	58.2	59.3	1	56.6	16	2.7	58.1	1010.8
58.5	58.4	58.4	58.7	59.2	59.6	59.6	59.4	59.1	59.7	8	57.9	2-3	1.8	58.9	1011.8
60.2	60.3	60.9	61.4	61.9	62.4	62.5	62.7	63.1	63.1	24	58.8	1	4.3	60.6	1014.1
64.9	65.0	65.5	65.9	66.6	66.8	66.9	66.9	66.8	66.9	22-23	62.9	2	4.0	65.3	1020.4
66.4	66.3	66.1	66.3	66.5	66.5	66.6	66.7	66.8	68.0	8,10	66.1	18	1.9	66.9	1022.5
63.5	63.4	63.3	63.3	63.0	62.8	62.5	62.3	61.8	67.0	7-8	61.8	24	5.2	64.9	1019.8
54.0	53.9	54.0	53.1	54.1	54.2	54.4	54.4	54.1	61.4	1	53.1	19	8.3	57.0	1009.3
49.6	50.2	50.6	52.2	53.0	54.1	54.9	54.6	55.6	55.6	24	48.6	15	7.0	52.1	1002.8
56.3	56.3	56.4	56.4	56.3	56.5	56.5	56.6	56.4	58.8	7-8	56.3	16-17,20	2.5	57.2	1009.6
56.1	56.4	57.4	58.3	58.6	58.7	58.9	58.7	59.4	59.4	24	55.0	4	4.4	56.6	1008.8
59.1	58.9	58.8	58.4	58.4	58.4	58.4	58.3	57.8	61.2	8	57.8	24	3.4	59.6	1012.8
50.6	50.7	50.8	50.9	51.0	51.5	52.0	53.3	53.8	57.3	1	50.6	15-16	6.7	53.3	1004.4
59.4	60.3	61.3	62.3	63.1	63.9	64.4	64.6	65.1	65.1	24	54.2	2	10.9	59.4	1012.5
65.0	64.9	64.9	65.3	65.4	65.5	65.5	65.4	65.4	66.8	10-11	64.4	2	2.4	65.5	1020.6
60.5	59.7	59.9	60.4	61.0	61.2	61.8	61.9	61.5	65.3	6-7	59.7	17	5.6	62.9	1017.2
53.6	53.4	53.7	54.3	54.8	54.9	54.2	54.1	54.3	60.9	1	53.4	17	7.5	56.8	1009.0
55.0	55.0	55.3	55.7	56.0	56.2	56.0	56.1	56.7	56.7	24	54.4	1-2	2.3	55.6	1007.4
58.3	58.2	59.8	60.3	60.8	61.0	61.0	60.8	60.8	61.0	21-22	56.5	5	4.5	58.6	1011.4
61.8	62.1	62.3	62.7	62.9	63.1	63.1	63.1	63.0	63.7	9-10	60.8	1	2.9	62.4	1016.5
60.5	60.0	60.1	60.2	60.3	60.7	60.8	60.5	60.2	63.0	9	60.0	17	3.0	61.5	1015.3
55.2	55.0	55.1	55.2	55.2	55.3	55.2	55.2	55.0	60.0	1	55.0	17,24	5.0	57.4	1009.8
58.8	58.8	59.1	59.4	59.7	60.0	60.0	60.1	60.1	62.3		57.7		4.6	59.9	1013.2

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
19.0	17.8	16.0	14.7	14.0	13.4	13.4	13.3	13.2	19.9	14	10.3	2	9.6	14.4
17.6	17.2	15.9	15.0	14.0	14.5	14.6	14.6	14.7	17.6	16	12.3	6	5.3	14.5
19.1	19.8	17.1	15.6	14.6	14.0	13.6	12.8	12.2	19.8	17	12.2	24	7.6	15.4
20.9	19.9	17.5	15.4	13.6	12.7	12.7	12.4	11.7	21.3	15	10.3	3	11.0	15.0
20.3	19.4	17.5	16.0	14.8	14.3	14.5	14.3	13.9	20.7	15	7.7	6	13.0	15.0
24.4	23.0	21.1	17.7	15.7	14.6	13.9	13.5	12.9	24.6	14-15	10.2	5	14.4	16.9
13.8	13.2	11.7	10.3	9.3	9.5	10.1	9.8	9.6	15.2	14	8.3	6	6.9	11.5
16.9	16.3	14.6	13.6	13.4	13.3	13.3	13.4	13.4	17.1	15	7.0	5	10.1	12.4
14.1	14.3	13.8	13.5	13.4	13.5	13.5	13.3	12.9	14.3	17	12.8	14	1.5	13.4
18.4	17.6	16.5	15.4	14.4	14.2	14.3	14.4	14.5	18.7	15	12.2	3	6.5	15.2
19.2	19.1	17.6	15.2	13.2	12.9	12.1	12.1	11.6	19.3	15	11.6	24	7.7	15.5
20.1	19.0	17.3	15.6	14.5	13.2	12.7	12.7	12.9	21.4	13-14	9.4	4	12.0	15.0
14.1	13.9	13.7	13.3	13.2	12.3	11.0	10.3	9.4	14.5	14-15	9.4	24	5.1	13.2
16.9	16.0	14.1	11.2	8.8	7.5	7.2	6.8	7.0	17.5	14	5.7	6	11.8	10.9
18.7	18.1	15.9	13.5	11.9	11.7	11.1	10.0	10.7	19.4	14	3.5	6	15.9	12.2
20.3	19.3	17.2	16.0	15.5	14.7	14.5	14.4	13.5	20.8	14	7.3	6	13.5	14.8
22.8	22.0	20.7	19.8	19.4	18.8	18.5	18.5	18.3	23.8	15	10.1	6	13.7	17.6
18.1	15.2	14.0	13.3	13.2	13.0	12.3	12.0	11.6	20.3	12	11.6	24	8.7	16.6
22.3	21.6	19.2	16.9	16.0	14.8	14.0	13.6	12.9	22.9	15	7.3	6	15.6	15.6
23.2	21.9	19.4	16.5	15.4	13.9	12.9	12.6	11.0	23.5	12-13	11.0	24	12.5	17.0
23.2	22.0	20.8	16.4	13.6	13.1	12.5	12.2	12.3	23.8	14	7.7	3	16.1	15.8
25.3	24.6	22.7	20.8	19.4	18.2	17.7	18.5	16.8	25.8	14	11.8	1-2	14.0	18.8
15.8	14.7	13.0	11.3	10.1	9.5	7.6	7.3	6.3	15.8	16	6.3	24	9.5	11.9
18.6	17.7	16.4	13.0	10.4	8.9	7.2	7.0	7.0	18.7	15	4.6	6	14.1	11.2
19.6	19.3	17.2	15.0	13.7	12.8	12.8	13.0	13.2	20.4	14-15	6.7	6	13.7	14.0
21.6	21.2	20.2	18.3	16.4	16.6	16.0	15.2	14.3	21.7	15	12.1	5	9.6	16.9
23.2	22.0	20.2	16.5	13.1	11.4	10.2	9.5	8.5	24.0	14	8.5	24	15.5	16.5
19.8	18.7	17.6	16.5	15.0	14.4	13.9	13.6	13.2	21.6	11	6.7	2	14.9	14.9
15.3	14.9	14.7	13.7	12.6	11.4	10.5	9.7	8.7	19.8	14	8.7	24	11.1	13.6
22.9	22.1	20.5	17.3	14.8	13.7	12.9	12.9	11.5	23.2	14	4.6	5	18.6	14.8
26.8	25.1	23.1	20.4	18.6	17.8	16.7	16.1	15.7	27.5	15	10.7	5	16.8	19.3
19.8	18.9	17.3	15.4	14.1	13.4	12.8	12.6	12.1	20.5		9.0		11.5	14.8

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	9.0	9.0	9.5	9.5	10.0	10.0	10.3	10.0	10.0	10.0	12.0	10.0	10.4	9.5
2	9.5	9.5	9.5	9.5	9.0	8.5	9.5	10.0	9.5	9.5	10.0	9.5	11.0	11.0	10.5
3	10.5	10.5	10.5	10.5	10.5	11.0	11.0	11.4	12.0	12.5	12.0	11.5	11.5	13.2	12.0
4	9.0	8.0	8.0	7.6	7.2	7.8	7.6	7.9	8.0	7.6	8.0	8.0	8.5	7.8	6.2
5	8.5	7.8	7.6	8.0	7.6	7.2	8.5	10.2	10.0	7.6	7.2	8.0	8.5	8.9	8.5
6	8.0	7.8	7.8	8.0	8.5	8.5	9.5	10.2	10.0	10.0	9.5	10.5	10.0	10.4	11.0
7	8.5	8.5	8.5	8.0	7.8	7.6	7.2	7.2	6.2	5.8	5.8	6.6	7.2	7.5	7.2
8	6.6	6.4	6.6	6.6	6.4	6.6	6.4	6.4	7.2	7.0	6.8	7.4	7.0	7.3	7.6
9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.0	9.5	9.5	9.0	9.0	9.0	10.2	10.0
10	10.5	10.5	10.0	10.5	10.5	11.0	11.0	11.5	11.0	11.0	11.0	11.0	11.0	11.3	11.5
11	11.0	11.5	11.5	12.0	12.0	12.0	12.0	12.3	11.5	12.0	11.5	11.5	11.5	11.7	12.0
12	9.5	9.0	9.0	8.5	9.0	9.5	10.0	11.0	11.5	11.0	11.0	11.0	10.5	12.5	12.5
13	11.0	10.5	11.0	10.5	11.0	10.0	10.0	10.6	10.5	10.0	10.0	10.0	10.5	10.9	10.5
14	7.6	7.2	6.8	6.6	6.4	6.6	6.6	6.7	6.6	6.0	5.8	6.2	6.6	6.4	6.2
15	6.8	6.4	6.4	5.8	5.8	5.6	7.8	8.6	8.0	7.6	8.0	7.4	7.6	7.3	6.8
16	8.0	7.6	7.4	7.0	6.6	6.6	6.8	7.5	7.6	7.2	7.8	7.4	7.6	7.8	7.6
17	6.6	6.4	6.2	6.4	6.8	6.6	7.0	8.5	8.5	8.5	9.5	8.0	7.8	8.6	8.0
18	10.0	10.5	10.5	10.0	11.0	10.5	10.5	11.6	11.0	13.0	13.5	12.5	12.5	13.1	13.0
19	7.8	7.8	7.6	7.4	7.2	7.0	7.6	8.2	8.0	8.5	8.5	8.0	7.4	7.7	7.8
20	9.5	9.5	9.5	10.0	10.0	10.5	10.0	11.5	11.0	11.5	10.5	10.0	10.0	10.1	9.5
21	7.4	7.2	6.4	6.6	6.6	6.8	7.4	8.2	8.0	8.5	8.0	7.6	7.8	7.2	8.0
22	7.4	7.4	7.6	7.8	7.2	7.2	7.8	8.5	8.5	9.0	8.0	8.0	8.5	10.4	9.0
23	8.0	8.5	8.5	7.2	6.4	5.6	6.0	6.2	5.6	5.2	5.4	5.2	5.4	5.4	6.0
24	5.6	6.2	6.0	5.8	5.6	5.8	6.4	6.3	6.2	5.8	5.8	5.4	5.6	5.8	6.0
25	6.8	7.2	7.0	6.8	6.8	7.0	8.0	7.4	7.2	7.4	6.8	7.2	7.0	7.4	7.6
26	8.0	9.0	9.0	9.0	9.0	8.5	8.5	8.8	9.0	8.0	8.5	9.0	9.5	9.8	9.0
27	11.0	11.0	10.5	10.5	10.5	10.0	11.0	11.2	11.0	11.0	10.5	10.5	10.0	9.3	9.0
28	7.4	7.0	7.2	7.4	7.8	8.0	9.0	11.9	10.0	9.0	7.2	7.8	7.6	6.6	5.6
29	9.5	9.0	8.5	8.5	8.5	8.5	9.0	9.1	9.0	9.0	6.6	7.0	7.2	7.3	10.0
30	7.6	7.0	6.6	6.0	6.2	6.2	8.5	9.5	9.5	8.5	7.6	7.0	7.6	6.3	6.8
31	8.0	7.8	8.0	7.4	7.4	7.8	7.8	8.0	8.0	8.5	7.8	8.0	8.5	8.8	8.5
Prom.	8.5	8.4	8.3	8.2	8.2	8.2	8.6	9.2	9.0	8.9	8.6	8.6	8.7	9.0	8.8

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
9.0	9.0	9.0	9.0	9.8	10.0	10.0	9.0	9.0	12.0	12	9.0	1-3,16-19,23-24	3.0	9.7
10.0	10.5	10.0	10.5	10.7	10.5	10.5	10.0	10.0	11.0	13-14	9.0	5	2.0	10.0
14.0	15.0	12.0	10.5	10.4	9.5	10.0	10.8	9.5	15.0	17	9.5	21,24	5.5	11.4
6.8	7.4	8.5	8.5	9.3	9.0	8.5	8.0	7.8	9.3	20	6.2	15	3.1	8.0
9.0	9.5	10.5	11.0	10.8	11.0	8.5	8.5	8.5	11.0	19,21	7.2	6,11	3.8	8.8
9.5	11.0	11.5	10.5	9.5	10.0	9.0	8.0	7.8	11.5	18	7.8	3,24	3.7	9.4
6.2	6.4	6.4	6.6	6.9	6.8	7.0	6.4	6.8	8.5	1-3	5.8	10-11	2.7	7.0
7.4	7.8	8.0	9.0	9.6	9.5	9.5	8.5	9.0	9.6	20	6.4	2,5,7-8	3.2	7.5
10.5	10.0	10.0	10.0	10.4	10.0	10.0	10.5	10.5	10.5	16,23-24	9.0	11-13	1.5	9.8
11.0	11.5	11.5	10.5	10.8	11.0	11.0	11.0	12.0	12.0	24	10.0	3	2.0	11.0
11.0	11.0	11.5	11.0	10.5	10.5	9.5	10.0	9.5	12.3	8	9.5	22,24	2.8	11.3
10.5	10.0	10.5	10.5	11.4	10.0	10.5	10.5	10.5	12.5	14-15	8.5	4	4.0	10.4
10.5	10.0	10.0	9.5	10.2	9.0	9.0	8.5	8.0	11.0	1,3,5	8.0	24	3.0	10.1
6.0	6.4	6.2	7.2	7.1	7.0	7.0	7.2	7.2	7.5	1	5.8	11	1.8	6.6
7.6	7.4	7.6	8.0	8.1	8.0	8.0	7.8	8.0	8.6	8	5.6	6	3.0	7.4
8.0	7.8	7.6	7.8	8.3	9.0	7.6	7.6	6.6	9.0	21	6.6	5-6,24	2.4	7.5
7.8	9.0	10.0	10.5	10.6	10.0	10.5	9.5	10.5	10.6	20	6.2	3	4.4	8.4
12.5	11.5	10.0	9.0	10.0	9.0	8.5	8.0	8.0	13.5	11	8.0	23-24	5.5	10.8
7.4	9.0	9.5	9.0	9.1	9.0	9.0	9.0	9.5	9.5	18,24	7.0	6	2.5	8.2
9.0	8.0	7.8	8.0	8.0	7.8	7.8	7.8	7.4	11.5	8,10	7.4	24	4.1	9.4
7.8	7.4	7.8	8.0	8.9	8.0	7.8	7.6	7.2	9.0	19	6.4	3	2.6	7.6
10.0	11.0	11.5	11.0	11.8	12.0	12.0	12.0	7.6	12.0	21-23	7.2	5-6	4.8	9.2
5.4	5.8	5.8	5.2	6.0	5.4	6.0	5.8	5.4	8.5	2-3	5.2	10,12	3.3	6.1
6.0	5.6	6.6	7.4	7.7	7.4	5.6	5.8	6.8	7.7	20	5.4	12	2.3	6.2
7.2	7.0	7.6	7.8	8.7	7.8	8.5	8.5	8.0	8.7	20	6.8	1,4-5,11	1.9	7.4
10.0	9.5	11.0	11.0	11.3	10.5	11.5	11.0	11.0	11.5	22	8.0	1,10	3.5	9.6
9.0	8.0	8.0	8.5	8.9	8.5	8.0	7.8	7.2	11.2	8	7.2	24	4.0	9.6
4.6	5.2	5.6	7.2	7.9	7.6	9.0	9.5	9.5	11.9	8	4.6	16	7.3	7.7
10.0	10.0	10.0	10.0	10.1	9.0	9.0	8.5	8.0	10.1	20	6.6	11	3.5	8.8
6.8	6.4	8.5	9.0	8.5	8.5	7.8	8.5	7.8	9.5	8-9	6.0	4	3.5	7.6
8.5	8.5	10.0	9.0	9.7	9.5	9.5	9.0	9.5	10.0	18	7.4	4-5	2.6	8.5
8.7	8.8	9.0	9.1	9.4	9.1	8.9	8.8	8.5	10.5		7.2		3.3	8.7

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 — 15	
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.
1	SE	5	SE	3	SE	4	SE	4	SE	5	SE	6	SE	6	SE	7	SE	5	SE	6	SE	8	SE	8	E	9	E	11	E	12
2	E	11	E	11	E	12	S	12	E	10	E	9	E	9	E	17	E	18	E	16	E	16	E	20	E	18	E	19	E	20
3	NE	15	NE	7	E	17	NE	25	NE	23	NE	30	NE	25	NE	23	NE	22	NE	33	NE	31	SW	19	SE	6	E	7	NE	16
4	W	7	W	8	W	8	SW	9	SW	9	W	9	W	8	SW	12	SW	13	SW	13	SW	11	W	8	W	10	W	12	W	12
5	S	3	S	3	S	2	SE	5	SE	4	E	2	Calma	1	NE	8	NE	14	NE	19	NE	20	E	19	NE	19	NE	19	NE	16
6	NE	12	NE	11	NE	9	N	9	N	7	NE	9	NE	15	NE	19	N	23	NW	17	NW	17	NW	13	NW	14	NW	14	NW	11
7	SE	6	SE	5	SE	6	SE	5	SE	8	SE	8	SE	10	SE	14	SE	12	SE	12	SE	10	E	12	E	16	E	16	E	14
8	E	16	NE	14	NE	14	NE	11	NE	14	NE	14	NE	10	NE	15	E	17	E	15	E	18	E	16	E	17	E	15	E	14
9	E	11	E	13	E	14	NE	9	SE	5	E	9	E	13	E	9	E	12	E	9	SE	9	SE	9	SE	5	E	9	E	14
10	SE	6	SE	5	SE	5	SE	4	SE	4	SE	5	SE	4	SE	6	SE	7	SE	8	SE	9	SE	9	SE	9	SE	8	SE	10
11	SE	7	E	5	SE	4	SE	4	SE	5	SE	5	SE	5	E	9	E	11	S	8	E	7	E	7	s/R	-	s/R	-	SE	5
12	SE	4	SE	2	SE	2	SW	2	SE	2	SE	2	S	2	S	2	Calma	1	S	4	S	5	SE	6	SE	4	SE	4	NE	12
13	NE	8	S	5	S	3	S	4	S	6	SE	7	SE	7	SE	6	S	7	S	8	S	8	S	6	S	4	S	8	S	6
14	SE	4	SE	6	SE	5	SE	4	SE	5	SE	4	SE	6	SE	5	S	7	S	11	S	10	S	11	S	11	S	10	S	10
15	SE	4	SE	3	Calma	1	W	2	Calma	0	NW	3	NW	2	N	5	N	9	NE	8	NE	8	NE	13	NE	10	NE	12	NE	13
16	NE	10	NE	9	NE	10	NE	10	NE	10	NE	7	NE	11	NE	13	N	18	N	19	N	17	NE	19	NE	19	NE	20	NE	18
17	NE	12	NE	17	NE	17	NE	17	NE	16	NE	15	NE	18	NE	22	NE	23	NE	26	NE	30	NE	26	NE	27	NE	28	NE	26
18	NE	14	NE	12	NE	14	NE	14	NE	14	NE	14	NE	21	NE	26	NE	19	NE	13	NE	22	NE	28	NE	26	NE	20	NE	22
19	W	11	W	8	W	7	NW	9	NW	11	NW	9	NW	10	W	10	W	9	W	9	W	9	W	8	W	7	NW	8	NW	9
20	NE	6	NE	5	E	3	E	4	E	4	SE	4	E	5	E	5	SW	12	S	4	SE	3	SW	8	SW	14	SW	14	SW	9
21	W	6	W	7	NW	6	NW	9	NW	10	NW	8	W	7	NW	12	W	14	W	12	W	12	NW	16	NW	19	W	16	W	16
22	NE	10	NE	10	NE	7	NE	13	NE	14	NE	15	NE	16	NE	22	N	33	N	32	N	35	N	34	N	32	N	32	N	27
23	S	14	S	11	S	10	S	9	S	8	SW	6	SW	9	SW	10	SW	11	SW	15	SW	18	SW	17	SW	12	SW	15	SW	15
24	SW	5	SW	7	SW	8	SW	8	SW	8	SW	7	SW	7	SW	9	SW	9	SW	12	SW	11	SW	14	SW	13	SW	14	SW	10
25	NE	7	NE	8	NE	11	NE	11	N	11	N	9	N	16	N	24	N	23	N	20	NE	21	NE	22	NE	24	NE	22	NE	19
26	NE	16	NE	20	NE	19	NE	15	NE	11	NE	14	NE	10	NE	13	NE	13	NE	15	NE	15	E	14	NE	14	NE	12	NE	12
27	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	SE	5	S	10	S	9	S	14	S	11	S	9	S	8
28	Calma	1	E	4	E	2	S	7	S	6	S	3	SE	3	SE	4	SE	5	SE	9	SE	9	E	10	E	15	E	19	E	14
29	SE	6	S	5	S	7	S	8	S	8	S	8	S	9	S	8	S	10	S	9	S	8	S	8	S	9	S	9	E	12
30	SW	3	Calma	1	S	3	S	3	S	2	Calma	1	SW	3	NW	5	W	10	NW	9	NW	9	NW	9	W	8	NW	8	NW	11
31	N	10	N	12	NW	14	NW	13	N	12	N	13	NW	16	NW	23	N	27	N	26	N	31	N	30	N	28	N	29	N	23
DIRECCIÓN PREVALENTE	NE		NE		NE		NE		SE		NE-SE		NE		NE		N		S		NE		E		NE		NE-E		NE	
NÚMERO DE HORAS	10		10		8		9		8		8		8		9		6		6		7		7		7		7		9	
PROM. HOR. DE LA VELOCIDAD		8		8		8		9		8		8		9		12		14		14		14		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	13	E	9	E	8	E	7	E	9	E	10	E	10	E	7	E	10	SE E	12	8	15	E	14.20
E	18	E	16	E	13	E	12	E	15	E	13	E	14	E	15	E	21	E	24	15	26	E	12.48
NE	11	NW	8	W	14	SW	17	SW	12	SW	14	SW	11	SW	8	SW	10	NE	12	17	46	SW	11.12
W	12	SW	9	SW	7	SW	5	W	4	SW	7	SW	6	SW	6	SW	8	SW	13	9	19	SW	7.48
E	12	E	12	E	11	E	11	E	7	E	8	NE	10	SE	13	NE	13	NE	10	10	22	NE	12.40
W	8	SW	7	S	5	SE	13	SE	10	SE	9	SE	7	SE	5	SE	6	SE NE NW	6	11	26	N	12.44
E	18	E	16	E	11	SE	6	SE	4	E	9	E	12	E	10	E	13	SE	13	10	24	E	13.56
E	14	E	12	E	10	E	9	E	11	E	9	E	10	E	9	E	12	E	17	13	21	NE	12.22
E	20	SE	10	SE	8	SE	8	SE	6	SE	9	SE	8	SE	7	SE	7	SE	12	10	30	E	15.16
SE	9	SE	8	SE	8	SE	9	SE	8	SE	7	SE	7	SE	5	SE	5	SE	24	7	14	SE	18.14
SE	7	SE	5	SE	4	SE	2	SE	2	E	5	Calma	1	SE	2	SE	2	SE	14	5	13	E	8.20
NE	13	NE	12	NE	11	NE	6	NE	4	NE	3	NE	3	NE	4	NE	5	NE	10	5	13	NE	14.26
S	9	S	9	SE	8	SE	6	SE	4	SE	6	SE	6	SE	5	SE	5	S	13	6	15	S	15.40
S	8	S	8	S	6	S	3	Calma	0	SE	2	SE	2	SE	4	SE	3	SE	12	6	17	S	12.44
E	11	E	11	E	11	NE	7	NE	7	NE	8	NE	5	NE	8	NE	10	NE	12	7	17	NE	14.12
NE	21	NE	21	NE	15	NE	13	NE	14	NE	14	NE	15	NE	19	NE	17	NE	21	15	-	-	
NE	25	NE	16	NE	10	NE	14	NE	11	NE	9	NE	10	NE	9	NE	12	NE	24	18	-	-	
N	25	W	18	W	26	W	24	W	21	W	14	W	9	W	16	W	14	NE	14	19	43	W	15.56
N	11	E	8	NE	10	NE	11	NE	13	NE	13	NE	10	NE	9	NE	7	W	9	9	14	W N	0.44 15.18
SW	13	SW	13	W	8	W	11	W	9	SW	8	SW	5	SW	7	W	6	SW	10	7	24	SW	12.38
NW	12	W	9	W	3	NE	2	E	2	NE	5	NE	7	NE	8	NE	11	W	10	10	24	NW	13.32
N	25	N	16	N	10	NW	7	NE	6	SE	4	SE	3	SW	14	S	18	NE N	10	18	44	S	23.48
SW	19	SW	21	SW	22	SW	15	SW	12	SW	11	SW	5	SW	8	SW	6	SW	19	12	37	SW	17.12
SW	8	S	6	S	2	alma	0	Calma	1	Calma	0	NE	3	NE	3	E	4	SW	16	7	27	SW	10.50
NE	20	NE	21	NE	20	NE	8	NE	8	NE	5	NE	8	NE	8	NE	14	NE	18	15	29	NE	11.28
E	11	E	10	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	s/R	-	NE	14	14	21	NE	1.52
S	9	S	9	S	4	S	3	Calma	0	Calma	0	S	3	SE	3	Calma	1	S	11	6	26	SW	9.08
E	14	E	15	E	10	SE	7	SE	4	SE	2	SE	7	SE	10	SE	7	SE	11	8	22	E	14.05
NE	8	E	7	SE	5	SE	3	Calma	1	Calma	1	SE	2	SE	3	SE	3	S	13	6	15	S	12.43
NW	10	NW	13	NW	6	N	6	N	4	N	5	N	7	N	9	N	11	NW	9	6	17	NW	14.32
N	31	N	24	N	18	N	14	N	12	N	14	N	20	N	16	N	16	N	20	20	37	N	15.20
E		E		E		NE-SE		NE-SE		NE-SE		NE		NE-SE		NE-SE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		44 Km.		
9		9		7		8		7		7		9		9		8		NE	177	11	DIRECCIÓN	DÍA	HORA
	14		12		10		9		7		7		8		8		9				NE	3	de 10.45 a 11.00

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETRO
	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	115	12	67										182
2					24	355												355
3			12	261	2	24	1	6			7	91	1	14	1	8		404
4											13	115	11	98				213
5			10	151	8	82	2	9	3	8							1	251
6	3	39	6	75			6	50	1	5	1	7	1	8	6	86		270
7					11	147	13	106										253
8			7	92	12	224												316
9			1	9	11	133	12	91										233
10							24	165										165
11					7	52	14	59									1	112
12			10	73			8	26	4	13	1	2					1	115
13			1	8			10	60	13	83								151
14							12	50	11	95							1	145
15	2	14	12	109	3	33	2	7					1	2	2	5	2	171
16	3	54	21	305														359
17			24	438														438
18	1	25	14	268									8	151	1	13		457
19	2	19	7	71									9	78	6	56		224
20			2	11	5	21	2	7	1	4	10	103	4	34				180
21			5	33	1	2							10	102	8	92		229
22	10	276	10	120			2	7	1	18	1	14						435
23									5	52	19	247						299
24			2	6	1	4			2	8	16	150					3	169
25	6	103	18	257														360
26			14	199	3	35												234
27							2	8	11	89							3	98
28					9	103	11	67	3	16							1	187
29			1	8	2	19	6	22	13	106							2	157
30	6	42							3	8	2	6	2	18	9	80	2	156
31	20	412													4	66		478
SUMAS	53	984	177	2494	116	1349	139	807	71	505	70	735	47	505	37	406	17	7796
% PREVAL POR VELOCIDAD	12.6		32.0		17.3		10.4		6.5		9.4		6.5		5.2		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	19		14		12		6		7		10		7		11		1	253

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NORQESTE	CALMA
0 - 1	1	10	3	8	2	2	3		1
1 - 2	1	10	4	6	4	1	3		1
2 - 3		8	5	6	5	1	2	2	1
3 - 4	1	9	2	6	5	3	1	3	
4 - 5	3	7	2	8	5	2		2	1
5 - 6	2	8	3	8	2	2	1	3	1
6 - 7	1	8	3	7	2	3	2	3	1
7 - 8	2	9	4	6	2	3	1	3	
8 - 9	6	5	4	5	3	4	3		
9 - 10	4	5	4	4	6	3	2	3	
10 - 11	3	7	3	6	5	3	2	2	
11 - 12	2	5	7	4	4	4	2	3	
12 - 13	2	7	5	4	4	3	3	2	
13 - 14	2	7	7	2	4	3	2	3	
14 - 15	2	9	7	2	3	3	2	3	
15 - 16	4	6	9	2	3	3	2	2	
16 - 17	3	4	9	3	4	4	2	2	
17 - 18	2	5	7	5	4	2	4	1	
18 - 19	2	8	4	8	2	3	2		1
19 - 20	2	7	5	7		2	3		4
20 - 21	2	7	6	7		4	1		3
21 - 22	2	9	4	8	1	4	1		1
22 - 23	2	9	4	9		5	1		
23 - 24	2	8	5	8	1	3	2		1
SUMAS	53	177	116	139	71	70	47	37	17
% de frec. por dirección	7.3	24.3	16.0	19.1	9.8	9.6	6.5	5.1	2.3

NUBES, VISIBILIDAD

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	31.1	17.8	1.08	4	2	1	N.
	10	43.0	21.1	1.78	6	2	2	N.
1	12	28.0	20.0	0.65	8	1	3	Ne.
	14	43.1	24.1	1.54	10	4	5	
	15	38.9	22.7	1.32	9	4	3	N.
	9	25.6	14.3	0.92	10	0	5	
	10	23.0	15.4	0.62	10	0	5	
2	12	43.0	21.4	1.76	8	3	5	
	14	38.0	21.3	1.36	3	3	5	
	15	39.5	21.5	1.46	0	5	5	
	9				10	0	4	Nu.
	10				10	0	3	LL.
3	12				10	0	3	LL.
	14	36.5	21.1	1.25	1	5	5	
	15	41.0	22.8	1.48	0	5	4	
	9	43.1	21.5	1.76	0	5	5	
	10	45.3	23.0	1.81	0	5	5	
4	12	47.9	26.0	1.78	0	5	5	
	14	47.0	26.0	1.71	0	5	5	
	15	45.5	25.9	1.59	0	5	5	
	9	43.5	22.8	1.68	0	5	5	
	10	45.5	24.0	1.75	0	5	5	
5	12	47.4	25.5	1.78	0	5	5	
	14	45.7	25.2	1.67	0	5	5	
	15	43.6	24.6	1.54	0	5	5	
	9	42.7	22.9	1.61	1	5	5	
	10	46.7	25.7	1.71	0	5	5	
6	12	49.9	28.9	1.71	0	5	5	
	14	48.9	29.0	1.62	1	5	5	
	15	41.3	26.7	1.19	2	5	5	
	9	39.6	17.1	1.83	0	5	5	
	10	41.4	18.4	1.87	0	5	5	
7	12	42.0	20.4	1.76	0	5	4	
	14	40.2	20.0	1.64	0	5	4	
	15	38.1	18.6	1.58	0	5	5	
	9	39.1	17.4	1.76	0	5	5	
	10	41.8	19.1	1.84	0	5	5	
8	12	43.5	20.8	1.84	0	5	5	
	14	43.0	21.7	1.73	0	5	5	
	15	41.0	21.3	1.60	0	5	5	
	9	16.5	14.0	0.20	10	0	5	
	10	15.4	13.5	0.15	10	0	5	
9	12	17.4	14.2	0.26	10	0	5	
	14				10	0	3	LL.
	15				10	0	4	
	9	18.9	16.0	0.24	10	0	3	Ne.
	10	22.5	17.4	0.41	10	0	3	Ne.
10	12	34.1	20.9	1.07	10	0	4	
	14	34.0	21.2	1.04	9	2	3	
	15	24.4	19.1	0.43	10	0	4	
	9	26.8	18.4	0.68	10	0	5	
	10	24.1	17.9	0.50	10	0	5	
11	12	25.6	18.6	0.57	10	0	4	
	14	20.3	19.4	0.07	10	0	3	
	15	34.6	21.0	1.10	6	4	4	
	9	39.3	20.3	1.54	9	1	2	
	10	45.5	23.2	1.81	0	5	4	
12	12	37.1	24.0	1.06	4	3	5	
	14	34.7	23.2	0.93	4	3	4	
	15	43.5	25.0	1.50	1	5	4	
	9	21.7	15.5	0.56	10	0	3	Ne.
	10	18.7	14.6	0.33	10	0	4	
13	12	17.2	14.4	0.23	10	0	4	
	14	18.5	15.2	0.27	10	0	5	
	15	17.0	14.8	0.18	10	0	5	
	9	40.2	18.2	1.79	0	5	5	
	10	42.3	19.7	1.84	0	5	5	
14	12	44.4	21.6	1.85	0	5	5	
	14	44.1	22.5	1.76	0	5	5	
	15	42.6	22.0	1.67	0	5	5	
	9	42.5	20.2	1.81	1	5	5	
	10	44.1	21.6	1.83	1	5	5	
15	12	49.5	25.0	-	4	4	5	
	14	46.0	24.6	1.74	2	5	5	
	15	43.3	23.1	1.64	2	5	5	
	9	43.5	22.0	1.75	0	5	5	
16	10	46.0	24.1	1.78	0	5	5	
	12	47.0	26.0	1.71	0	5	5	
	14	45.4	25.9	1.58	0	5	5	
	15	44.0	25.0	1.54	0	5	5	

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	44.1	22.6	1.75	10	4	5	
	10	44.6	24.0	1.67	10	4	5	Ds.
17	12	44.6	26.3	1.49	10	2	5	
	14	47.5	28.7	1.53	10	4	5	
	15	43.3	28.3	1.22	10	4	5	
	9				10	0	4	Z.
	10				10	0	4	Z.
18	12	27.0	21.0	0.49	10	0	4	
	14				10	0	3	Z.,Ne.
	15	23.9	18.8	0.41	10	0	4	
	9	44.4	22.9	1.75	0	5	5	
	10	48.2	25.7	1.83	1	5	5	
19	12	49.1	27.1	1.79	1	5	5	
	14	48.5	27.3	1.72	1	5	5	
	15	46.6	27.1	1.58	1	5	5	
	9	42.9	23.4	1.58	4	4	4	B.
	10	47.1	26.1	1.71	1	5	4	B.
20	12	47.2	28.5	1.52	5	4	5	
	14	48.2	28.4	1.61	8	3	5	
	15	48.3	28.0	1.65	4	5	5	
	9	46.6	25.4	1.72	1	5	5	
	10	49.0	27.0	1.79	1	5	5	
21	12	49.6	28.6	1.71	0	5	5	
	14	49.0	28.3	1.68	2	5	5	
	15	47.9	28.0	1.62	1	5	5	
	9	40.0	23.1	1.37	8	2	5	
	10	49.5	27.1	1.82	5	4	5	
22	12	50.5	29.9	1.67	9	4	5	
	14	47.6	30.0	1.43	9	4	5	
	15	39.5	28.0	0.93	10	3	5	
	9				10	0	4	
	10	27.0	14.7	1.00	10	0	5	
23	12	17.4	12.6	0.39	10	0	5	
	14	21.0	14.4	0.54	10	0	5	
	15	25.2	15.7	0.77	10	0	5	
	9	41.8	19.0	1.85	0	5	5	
	10	43.4	20.6	1.85	0	5	5	
24	12	46.6	23.2	1.90	2	5	5	
	14	45.5	23.7	1.77	2	5	5	
	15	44.9	23.6	1.73	2	5	5	
	9	45.6	22.7	1.86	4	5	5	
	10	47.2	24.0	1.89	4	5	5	
25	12	45.5	24.2	1.73	7	4	5	
	14	46.9	25.8	1.72	4	5	5	
	15	39.0	23.3	1.28	8	4	5	
	9	37.4	21.5	1.29	9	2	5	
	10	43.5	24.0	1.58	9	2	5	
26	12	49.5	26.0	1.91	5	4	5	
	14	44.5	26.0	1.50	9	3	5	
	15	46.4	26.5	1.62	8	3	5	
	9	34.6	22.4	0.99	10	0	5	
	10	44.4	24.2	1.64	9	2	5	
27	12	50.6	28.4	1.80	2	5	5	
	14	50.8	29.0	1.77	4	3	5	
	15	37.2	25.1	0.98	3	3	5	
	9	41.0	23.5	1.42	2	2	3	Ne.
	10	48.8	26.5	1.81	3	3	3	Ne.
28	12	41.9	24.8	1.39	9	3	5	
	14	42.0	25.0	1.38	6	1	5	
	15	38.0	23.7	1.16	8	3	5	
	9	47.4	22.5	-	4	3	5	
	10	44.6	23.0	1.76	4	3	5	
29	12	43.6	24.5	1.55	6	3	5	
	14	22.5	18.5	0.32	9	0	5	
	15				10	0	5	CH.
	9	45.8	23.8	1.79	0	5	5	
	10	48.1	25.7	1.82	1	5	5	
30	12	49.8	28.0	1.77	0	5	5	
	14	49.5	28.1	1.74	1	5	5	
	15	44.2	26.5	1.44	2	5	5	
	9	48.5	27.4	1.72	7	5	5	
	10	51.0	30.0	1.71	7	5	5	
31	12	53.0	31.7	1.73	7	5	5	
	14	52.0	32.5	1.58	7	5	5	
	15	49.0	32.3	1.36	8	4	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1					0.4	0.9	0.9	0.7	1.0	1.0	1.0	0.8			6.7	12.4	54
2							0.3	1.0	1.0	1.0	1.0	0.7			5.0	12.4	40
3					0.2				0.3	1.0	1.0	0.7	0.2		3.4	12.4	27
4		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.6	12.5	93
5		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	12.5	89
6		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4		10.7	12.6	85
7		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	12.6	90
8		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2		10.2	12.6	81
9															0.0	12.7	00
10								0.2	0.5	0.5	0.1	0.1			1.4	12.7	11
11				0.4	0.1					0.5	0.9	0.9	0.8		3.6	12.8	28
12					0.8	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.7		8.4	12.8	66
13															0.0	12.8	00
14		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.6	12.9	90
15		0.4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.9	12.9	84
16		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		10.9	13.0	84
17		0.3	1.0	1.0	1.0	0.9	0.9	0.8	1.0	1.0	1.0	0.1			9.0	13.0	69
18						0.1	0.2								0.3	13.0	02
19		0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		10.8	13.1	82
20			0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		10.7	13.1	82
21		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9		11.6	13.1	89
22		0.6	1.0	0.6	0.7	0.7	0.8	1.0	1.0	0.8	0.8	0.9	0.2		9.1	13.2	69
23							0.1				0.7	1.0	1.0		2.8	13.2	21
24		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.2	89
25		0.7	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	0.5		11.0	13.2	83
26		0.2	1.0	0.9	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.6		9.7	13.3	73
27		0.1	0.8	1.0	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.7	13.3	73
28			0.1	1.0	1.0	1.0	0.9	1.0	1.0	0.7	0.7	0.6			8.0	13.3	60
29		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.1		0.3		8.6	13.4	64
30		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.4	88
31		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.7			10.1	13.4	75
Medias		0.3	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.5	0.0	8.1	12.9	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	14.0	19.0	16.8	13.5	16.8	16.1	12.8	13.6	14.4	13.4	13.4	14.0	15.2	15.3	15.4
2	14.6	17.6	16.4	14.0	16.0	15.8	13.6	13.8	14.4	14.0	13.9	14.2	15.7	15.6	15.7
3	15.4	16.4	17.0	14.6	15.0	16.0	13.8	13.8	14.4	14.2	14.2	14.3	15.8	15.9	15.8
4	13.7	21.0	17.8	13.4	18.7	17.3	13.5	14.5	15.7	14.2	14.2	15.1	16.0	16.0	16.1
5	14.0	20.2	17.8	13.9	18.4	17.3	14.2	15.0	15.9	15.0	14.9	15.5	16.5	16.5	16.6
6	14.8	20.0	19.4	14.4	19.5	18.6	14.5	15.4	16.6	15.2	15.1	15.9	16.8	16.7	16.8
7	14.7	19.8	16.4	14.6	18.6	16.6	15.1	15.5	16.0	15.7	15.6	15.9	17.2	17.1	17.1
8	13.3	19.4	17.0	13.4	18.0	16.7	14.0	14.6	15.6	15.2	14.9	15.5	17.1	16.9	16.9
9	15.6	15.6	15.9	15.1	15.2	15.2	14.8	14.4	14.4	15.4	15.0	15.0	17.0	17.0	16.8
10	15.1	18.0	17.2	14.5	16.3	16.4	14.0	14.2	15.0	14.6	14.6	14.9	16.6	16.5	16.5
11	16.4	18.1	17.5	15.6	16.8	16.8	14.6	14.9	15.4	15.0	15.0	15.3	16.6	16.6	16.7
12	15.3	22.2	19.0	14.8	19.7	18.2	14.4	15.4	16.6	15.0	15.1	15.9	16.8	16.7	16.9
13	16.7	17.2	16.8	16.1	16.5	16.1	15.4	15.4	15.4	15.8	15.6	15.6	17.2	17.2	17.1
14	13.6	20.0	16.7	13.5	18.4	16.6	13.9	14.8	14.6	14.9	14.8	15.5	16.9	16.8	16.8
15	13.6	20.6	17.4	13.4	18.4	17.0	14.0	14.8	15.8	15.0	14.9	15.6	17.0	16.8	16.9
16	14.4	21.2	18.0	14.1	18.9	17.5	14.4	15.2	16.2	15.2	15.2	15.9	17.2	17.1	17.2
17	15.4	20.6	19.2	14.7	18.5	18.1	14.8	15.4	16.4	15.6	15.6	16.2	17.4	17.4	17.4
18	17.6	19.2	17.2	16.8	17.7	16.8	16.0	16.0	16.0	16.4	16.2	16.3	17.8	17.7	17.7
19	14.8	22.2	19.0	14.3	20.0	18.4	14.6	15.6	16.8	15.6	15.5	16.4	17.5	17.4	17.5
20	16.8	23.2	19.1	16.0	20.9	18.8	15.6	16.6	17.4	16.2	16.3	17.0	17.8	17.8	17.9
21	15.4	23.5	19.5	15.2	21.1	19.1	15.6	16.5	17.6	16.4	16.4	17.1	18.2	18.1	18.1
22	16.2	21.7	20.2	15.8	19.3	19.1	16.2	16.4	17.3	16.8	16.6	17.1	18.4	18.4	18.4
23	16.7	16.2	15.4	16.5	16.0	15.5	16.4	15.8	15.4	17.0	16.4	16.2	18.5	18.4	18.1
24	13.0	21.4	17.6	12.9	19.3	17.4	13.8	14.8	16.1	15.3	15.2	15.8	17.7	17.5	17.4
25	14.5	21.6	18.0	14.1	19.2	17.6	14.6	15.4	16.4	15.6	15.6	16.2	17.7	17.6	17.4
26	16.3	22.2	19.8	15.5	20.1	19.0	15.4	16.2	17.2	16.2	16.2	16.8	18.0	17.9	18.0
27	17.4	23.6	19.6	16.7	21.6	19.4	16.4	17.1	18.0	16.9	16.9	17.4	18.5	18.4	18.5
28	16.6	22.4	19.2	15.9	20.3	18.7	16.1	16.9	17.5	17.1	16.9	17.4	18.8	18.6	18.6
29	16.6	23.6	19.2	16.1	21.6	19.0	16.3	17.2	17.8	17.1	17.0	17.6	18.9	18.7	18.8
30	16.0	24.3	20.0	15.4	21.9	19.5	16.0	17.0	18.2	17.2	17.0	17.8	19.0	18.8	18.9
31	17.9	24.5	21.2	16.5	22.0	20.4	16.6	17.5	18.6	17.4	17.4	18.1	19.2	19.1	19.2
Prom.	15.4	20.5	18.1	14.9	18.7	17.6	14.9	15.5	16.2	15.6	15.5	16.0	17.4	17.3	17.3

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Preatímetro
	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	0.1	0.8	0.9	2.4							8476
2					1	0.7	0.6	0.8	2.4							8467
3	0.0	0.3	0.0	0.0	2	1.0	0.3	0.5	1.4							8416
4	38.5	40.0	37.0	34.5	2	0.6	1.7	1.5	3.8	J. 9	24.4	22.5	26.4			8330
5					1	0.6	2.4	1.5	6.0							8348
6					0	2.1	1.3	1.6	3.7							8315
7					0	0.8	1.4	1.1	3.7							8323
8					0	1.2	1.5	1.2	3.5							8294
9					2	0.8	0.5	0.3	0.9	J.10	18.2	18.9	24.9			8265
10	3.4	3.7	2.8	-	1	0.1	0.6	0.6	1.5							8250
11	2.6	3.8	3.5	3.4	2	0.3	0.5	0.6	1.3							8248
12					1	0.2	0.8	1.2	2.2							8250
13					0	0.2	0.2	0.2	0.8							8250
14					0	0.4	1.6	1.2	3.5	J.11	20.7	19.1	25.6			8270
15					0	0.7	1.9	1.6	4.2							8274
16					0	0.7	2.8	2.6	8.3							8260
17					0	2.9	3.1	2.8	7.7							8232
18					2	1.8	1.2	0.7	2.6							8215
19	4.1	4.5	3.4	3.6	0	0.7	2.0	2.0	4.8	J.12	17.6	16.9	23.4	19.7	15.6	8265
20					0	0.8	1.7	2.0	4.6							8251
21					0	0.9	2.8	2.0	6.7							8270
22					0	1.9	3.6	2.1	8.0							8255
23	0.0	0.0	0.0	0.0	0	2.3	1.3	0.7	3.5							8284
24					0	1.5	2.1	1.5	4.2	J.13	13.1	13.3	19.8			8326
25					0	0.6	2.8	2.3	6.7							8315
26					0	1.6	2.0	1.2	3.7							8297
27					0	0.5	1.7	1.8	3.9							8298
28					0	0.4	1.9	2.1	4.7							8319
29					0	0.7	1.8	0.6	3.0							8351
30	0.0	0.0	0.0	0.0	0	0.6	1.9	2.1	5.6	J.14	10.4	11.3	21.6			8351
31					0	1.6	4.5	3.3	9.9							8346
Prom.	48.6	52.0	46.7	41.5	-	1.0	1.7	1.5	4.2	-	-	-	-	-	-	8304

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8h	14h	20h	8h	14h	20h	8h	8h		
14.9	15.1	15.0	15.2	15.2	15.2	15.8	16.5	5.5	Cn. m. y t., Ca. n., N. m., B.Js. t., R.r. n.
15.3	15.4	15.4	15.2	15.2	15.2	15.8	16.6	8.8	Cn. m., Ca. t. y n., r. m. y n.
15.5	15.6	15.5	15.2	15.2	15.2	15.8	16.5	11.5	Cn. m., Ca. t. y n., Z.Ru. m.
15.6	15.7	15.6	15.3	15.3	15.3	15.8	16.4	5.6	Ca. m. t. y n., r. m. y n.
15.9	16.1	16.0	15.3	15.3	15.3	15.9	16.5	2.8	Ca. m. t. y n., r. m. y n.
16.3	16.4	16.3	15.4	15.4	15.4	15.9	16.5	3.7	Ca. m. t. y n., r. m. y n.
16.6	16.8	16.7	15.5	15.5	15.5	15.9	16.6	3.8	Ca. m. t. y n., r. m. y n., B. m. y t.
16.8	16.8	16.7	15.6	15.7	15.7	15.9	16.6	2.8	Ca. m. y n., Cn. t., r. m. y n.
16.8	16.8	16.7	15.7	15.8	15.8	15.9	16.6	9.2	Cn. m. t. y n., Z. m., LL. t.
16.5	16.4	16.3	15.8	15.8	15.8	16.0	16.6	7.0	Cn. m. t. y n., Ne. m. y t., r. n.
16.3	16.3	16.3	15.8	15.9	15.9	16.0	16.6	11.6	Cn. m. y t., Ca. n., r.N. n.
16.4	16.5	16.4	15.9	15.9	15.9	15.9	16.5	5.0	Cn. m., Ca. t. y n., N. m., r. m. y n.
16.8	16.8	16.8	15.9	16.0	16.0	16.0	16.6	10.3	Cn. m. t. y n., N. m., r. n.
16.6	16.6	16.4	15.9	16.0	16.0	16.0	16.6	1.0	Ca. m. t. y n., r. m. y n.
16.7	16.7	16.6	16.0	16.1	16.1	16.1	16.6	0.0	Ca. m. t. y n., r. m. y n.
16.9	17.0	16.9	16.0	16.1	16.1	16.0	16.6	2.4	Ca. m. t. y n., r. m., Dl. n.
17.2	17.2	17.2	16.1	16.2	16.2	16.1	16.5	6.0	Cn. m. t. y n.
17.5	17.5	17.5	16.2	16.3	16.3	16.1	16.6	12.7	Cn. m. t. y n., Ne.Z. m. y t.
17.3	17.3	17.2	16.2	16.3	16.3	16.1	16.6	4.6	Ca. m. y n., Cn. t., r. m. y n.
17.5	17.6	17.5	16.3	16.4	16.9	16.2	16.7	6.2	Cn. m. y t., Ca. n., r.B. m.
17.9	18.0	17.8	16.4	16.5	16.5	16.2	16.6	1.3	Ca. m. t. y n., r. n.
18.2	18.2	18.2	16.5	16.6	16.6	16.3	16.7	5.7	Cn. m. y t., Ca. n., r. m. y n., R.LL. n.
18.3	18.3	18.0	16.7	16.7	16.7	16.3	16.6	10.2	Cn. m. y t., Ca. n.
17.6	17.5	17.3	16.6	16.8	16.7	16.4	16.7	-0.1	Ca. m. t. y n., r. m. y t.
17.0	17.5	17.4	16.6	16.7	16.8	16.4	16.7	1.2	Cn. m. y n., Ca. t., r. m.
17.7	17.8	17.7	16.8	16.8	16.8	16.4	16.8	6.4	Cn. m. t. y n., r. m.
18.2	18.2	18.1	16.8	16.8	16.8	16.5	16.7	9.4	Ca. m. t. y n., r. m. y t.
18.5	18.4	18.3	16.8	16.9	16.9	16.5	16.7	2.6	Cn. m. t. y n., N.Ne. m.
18.5	18.5	18.4	16.9	17.0	17.1	16.5	16.8	6.0	Ca. m., Cn. t. y n., r. m., CH.P. t.
18.7	18.6	18.4	17.0	17.1	17.1	16.5	16.8	-1.4	Ca. m. t. y n., N. m., r. n., h. m.
18.8	18.8	18.7	17.1	17.1	17.2	16.5	16.7	6.3	Cn. m. y t., Ca. n.
17.1	17.1	17.0	16.1	16.2	16.2	16.1	16.6	5.4	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	60.8	68.8	7	8-9	48.9	3	11	14.4	18.9	10.3	24.6	6	14-15	7.0	8	5	7.1	12.5	57
2ª	59.8	68.0	15	8,10	48.6	18	15	14.8	20.3	8.7	23.8	17	15	3.5	15	6	7.6	2.9	59
3ª	59.4	66.8	24	10-11	50.6	22	15-16	15.2	22.0	8.8	27.5	31	15	4.6	24,30	6,5	9.5	13.3	71
MES	59.9	68.8	7	8-9	48.6	18	15	14.8	20.5	9.0	27.5	31	15	3.6	15	6	8.1	12.9	63

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas			Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora				
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	78	99	1,10	34	4	9.3	15.0	5.8	E	11	44	3	33	3	9-10	46	SW	3	11.12	44.0	40.0	4	21.0	3	12-13
2ª	75	100	11,12,15	36	19	9.0	13.5	5.6	NE	10	32	17-18	30	17	10-11	43	W	18	15.56	8.0	4.5	19	3.5	18	17-18
3ª	66	100	27,28,30	30	28,30	8.0	12.0	4.6	NE	11	40	22, 25	35	22	10-11	37	SW N	23 31	17.12 15.20	-	-	-	-	-	-
MES	73	100		30	28,30	8.7	15.0	4.6	NE	11	44	3	35	22	10-11	46	SW	3	11.12	52.0	40.0	4	21.0	3	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	-	2	1	1	-	-	-	1	2	-	-	-	-	-	1	1	-
2ª	-	1	1	3	-	-	-	-	1	-	-	-	-	-	1	-	-
3ª	-	-	1	2	-	-	-	1	-	-	1	-	-	-	3	-	1
MES	-	3	3	6	-	-	-	2	3	-	1	-	-	-	5	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	8	-	-	-	-	-	-	1	-	-	-	4	2	-	-	-
2ª	8	-	-	-	-	-	1	-	-	-	-	1	3	-	-	-
3ª	8	1	-	-	-	-	-	-	-	1	-	3	2	-	2	-
MES	24	1	-	-	-	-	1	1	-	1	-	8	7	-	2	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III NOVIEMBRE 1948 N°. 11

RESUMEN MENSUAL

Por la tarde del 1° un frente frío atraviesa la región sin que altere el tiempo bueno reinante. La temperatura que se mantenía hasta 5.0° C inferior a la normal, con el cambio del viento al sector N, empieza a subir hasta sobrepasar por vez primera en esta estación el día 8 los 30.0°C. Este aumento en cinco días es acompañado por una disminución de la presión la que el mismo día acusa su valor mínimo mensual. En la madrugada del 9 esta atmósfera tropical es desplazada por una masa de aire frío; durante el pasaje del frente sólo caen ligeras lloviznas. El 10 por la tarde se restablece el buen tiempo debido a la llegada de aire de origen polar.

El descenso de la temperatura se mantiene hasta el 12, día en el que el termómetro baja hasta el punto de congelación. La mínima mensual de la tensión del vapor con 3.0 mm. representa un valor realmente invernal. Con el pasaje del centro del anticiclón frío sobre el Río de la Plata, registra a su vez la presión, el mismo día, su máxima mensual. El viento N de los días subsiguientes significa como de costumbre caída en la escala barométrica y aumento en la temperatura, humedad y nubosidad. A partir del 16 el tiempo se inestabiliza; dos frentes fríos, el 17 y el 19, vienen acompañados sólo de truenos, lloviznas y poco cambio de temperatura el primero, mientras el segundo de tormentas eléctricas e intensas lluvias. Reina otra vez buen tiempo con aire fresco el 20.

Hasta el 24, con cielo despejado, sopla insistentemente aire cálido y húmedo desde el N. Alcanza entonces la tensión del vapor su máxima mensual con 15.6 mm. antes de que llegue un frente frío con tormentas y chaparrones. Menos de 24 horas dura esta vez la corriente fría del S ya que el 25 por la tarde gira el viento rumbo al N. En este aire cálido con cielo despejado registra el 28 la temperatura la máxima mensual con 32.2°C. Por la tarde del mismo día el último frente frío del mes atraviesa la región. Con cielo completamente cubierto, vientos frescos del E, vientos del N y temperaturas que llegan hasta 30.0° C termina el mes.

Los intensos empujes de aire frío se perfilan en la desviación del promedio mensual de la presión atmosférica que es de 3 mb sobre el nivel normal; el promedio de la temperatura acusa valores normales.

POTENCIAL ATMOSFÉRICO en V/M.

DÍAS \ HORAS	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	41	40	36	32	28	20	21	21	7	-25	-46	-20	-47	-33	-36
2	-	-	-	-	-	-	-	34	16	14	-17	32	0	9	8
3	36	44	38	46	46	58	60	82	80	94	85	85	75	80	56
4	56	50	54	66	75	94	74	102	94	83	53	26	94	58	50
5	-	-	-	-	-	-	-	38	58	50	30	39	22	34	58
6	34	64	60	36	18	30	7	30	71	50	18	14	24	40	40
7	75	80	34	40	9	- 2	-10	22	44	42	44	42	42	36	44
8	-	-	-	-	-	-	-	30	50	54	40	42	34	42	30
9	22	20	22	+∞	-	-	±∞	±∞	-25	-52	-154	-28	9	22	36
10	12	54	-	-	-	-	40	66	40	38	40	46	112	46	26
11	36	36	36	-	-	-	-	-	-	-	-	-	-	-	±∞
12	28	28	22	42	52	71	91	112	121	101	87	85	71	85	107
13	87	75	64	48	26	36	58	60	64	54	28	28	- 3	- 8	32
14	71	54	48	98	73	58	34	56	28	- 7	7	45	44	94	46
15	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	32	28	54	30	44	48	80	58	44
17	32	16	26	30	9	12	12	24	7	-14	5	-14	-48	-	-
18	50	40	54	-	-	-	58	30	58	103	82	93	114	58	66
19	58	46	36	26	-	-	-	42	52	-	-	-	-	-	-
20	44	28	22	54	112	123	91	56	107	119	103	71	50	42	16
21	18	20	30	28	28	9	18	30	44	48	46	38	40	46	73
22	22	20	42	69	52	44	50	30	12	22	26	40	20	22	18
23	98	62	60	38	50	56	58	42	42	40	50	54	50	52	46
24	48	49	48	54	50	62	48	34	36	45	-	-	-	-	-
25	32	46	48	60	46	54	-	-	-	133	96	78	48	42	98
26	46	34	34	30	40	58	82	75	80	75	71	71	54	50	38
27	-	-	-	-	-	-	20	26	40	53	30	22	26	26	28
28	26	16	16	16	32	38	42	58	62	44	-	-	-12	- 7	-10
29	-	-	46	48	54	60	58	48	40	0	- 4	36	30	- 2	- 7
30	28	38	30	36	30	22	-	-	46	69	60	62	36	42	26
31															
Prom.	45.0	36.0	34.3	39.7	54.7	62.5	66.7	66.2	79.0	79.5	73.7	67.3	56.7	59.2	56.0

IONIZACIÓN DEL AIRE

DÍAS	COEFICIENTE DE DISPERSION "a" x 100								CONDUCTIBILIDAD " λ " $.10^{-4}$							
	mañana				tarde				mañana				tarde			
	a^-	a^+	a^-+a^+	a^-/a^+	a^-	a^+	a^-+a^+	a^-/a^+	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-	λ^+	λ^-	$\lambda^++\lambda^-$	λ^+/λ^-
1	8.68	10.08	18.77	0.86	8.29	8.08	16.37	1.03	1.17	1.38	2.55	0.85	0.80	0.89	1.69	0.90
2	7.99	9.19	17.18	0.88	11.15	13.28	24.43	0.89	0.90	1.14	2.04	0.79	1.27	1.55	2.82	0.82
3	6.02	5.68	11.71	1.05	7.29	8.07	15.36	0.90	0.83	0.90	1.73	0.92	1.07	1.24	2.31	0.86
4	5.44	5.12	10.56	1.06	8.97	6.06	15.03	1.47	0.71	0.75	1.46	0.95	1.24	0.97	2.21	1.28
5	7.61	9.86	17.47	0.78	7.78	7.56	15.35	1.03	1.36	1.48	2.84	0.92	1.18	1.06	2.24	1.11
6	6.68	8.35	15.04	0.79	5.04	5.57	10.61	0.90	1.08	1.34	2.42	0.80	0.91	0.92	1.83	0.99
7	9.71	12.39	22.10	0.78	9.10	13.35	22.45	0.68	1.40	1.76	3.16	0.80	1.36	1.99	3.35	0.68
8	11.01	11.86	22.87	0.93	7.48	10.62	18.10	0.70	1.59	1.73	3.32	0.92	-	-	-	-
9	8.61	10.10	18.71	0.85	9.88	9.80	19.68	1.01	1.24	1.39	2.63	0.89	1.53	1.57	3.10	0.97
10	2.36	2.20	4.56	1.03	5.52	11.05	16.56	0.50	0.32	0.36	0.68	0.89	0.91	1.70	2.61	0.54
11	8.12	9.57	17.69	0.86	7.61	7.89	15.50	0.96	0.92	1.20	2.12	0.77	0.88	1.35	2.23	0.65
12	6.59	5.78	12.37	1.13	4.95	5.21	10.16	0.96	0.83	1.03	1.86	0.80	0.66	0.73	1.39	0.90
13	11.49	13.02	24.52	0.89	6.72	7.58	14.30	0.88	1.57	1.83	3.40	0.86	0.98	1.14	2.12	0.86
14	9.28	10.18	19.46	0.90	5.35	6.86	12.20	0.78	1.32	1.53	2.85	0.86	0.79	1.16	1.95	0.68
15	2.08	3.53	5.61	0.60	3.48	3.98	7.46	0.88	0.44	0.36	0.80	1.22	0.55	0.59	1.14	0.93
16	5.28	5.99	11.28	0.88	2.88	3.77	6.65	0.76	0.86	0.89	1.75	0.97	0.50	0.59	1.09	0.85
17	6.02	8.28	14.30	0.73	6.08	7.98	14.06	0.76	0.91	1.12	2.03	0.81	0.91	0.99	1.90	0.92
18	5.35	6.32	11.67	0.84	9.65	9.69	19.34	0.99	0.94	1.01	1.95	0.93	1.42	1.62	3.04	0.88
19	-	-	-	-	-	-	-	-	0.82	1.42	2.24	0.58	0.41	0.43	0.84	0.95
20	4.65	5.70	10.35	0.82	5.47	6.95	11.42	0.79	0.73	0.80	1.53	0.91	0.87	1.03	1.90	0.84
21	7.62	9.04	16.66	0.85	7.38	8.07	15.45	0.92	1.02	1.22	2.24	0.84	1.06	1.09	2.15	0.97
22	9.45	7.49	16.94	1.25	7.31	9.07	16.38	0.81	1.05	1.08	2.13	0.97	1.16	1.38	2.54	0.84
23	7.77	7.58	15.35	1.02	12.43	13.17	25.60	0.94	1.07	1.20	2.27	0.89	1.98	2.24	4.22	0.88
24	-	-	-	-	-	-	-	-	1.00	0.78	1.78	1.28	0.35	0.47	0.82	0.74
25	5.21	5.23	10.44	1.00	5.83	6.24	12.07	0.94	0.81	0.69	1.50	1.17	0.86	0.94	1.80	0.91
26	7.21	7.81	15.02	0.91	7.65	9.70	17.35	0.80	1.14	1.24	2.38	0.92	1.17	1.38	2.55	0.85
27	5.38	6.41	11.80	0.84	12.38	10.84	23.22	1.14	0.83	0.90	1.73	0.92	1.86	2.00	3.86	0.93
28	8.27	9.39	17.66	0.89	-	-	-	-	1.12	1.17	2.29	0.96	1.04	1.31	2.35	0.79
29	3.55	3.16	6.70	1.12	1.95	2.68	4.63	0.74	0.55	0.50	1.05	1.10	0.51	0.58	1.09	0.88
30	3.82	5.05	8.87	0.75	5.41	7.11	12.51	0.76	0.64	0.67	1.31	0.96	0.96	1.12	2.08	0.86
31																
Prom.	6.83	7.66	14.49	0.90	7.15	8.16	15.27	0.88	0.97	1.10	2.07	0.92	1.01	1.17	2.18	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
-51	-∞	-∞	-∞	-26	-79	-28	10	-		72	-∞	-	2*
9	18	24	30	38	40	30	32	30		226	-154	380	2*
-10	-33	5	36	71	78	64	75	75	55.2	139	-118	257	1
48	50	107	62	117	-	-	-	-		229	-41	270	1*
46	34	66	73	96	46	30	14	9		167	-48	215	1*
44	69	89	103	46	9	12	34	71		139	-48	187	2
50	44	26	28	-	-	-	-	-		117	-157	274	2
26	30	32	38	28	36	28	32	34		64	7	57	0*
20	34	26	34	42	48	42	38	38		∞	-∞	-	3*
26	-44	12	38	64	60	40	40	38		165	-73	238	2*
±∞	±∞	±∞	±∞	14	38	40	36	32		∞	-∞	-	3*
85	- 9	28	101	112	98	60	73	105	73.2	256	-152	408	1
48	36	58	75	71	75	52	66	60		130	110	240	2
30	32	22	52	52	48	52	34	-81		142	-240	382	2
-	-	-	-	-	-	-	-	-		-	-	-	-
66	36	36	-	-	-	18	16	20		130	-32	162	2*
-	-	-	-	-	-	69	110	85		133	-∞	-	3*
56	44	64	58	94	44	26	28	46		158	-35	193	1*
-	-	-	-	48	20	-10	-	-		167	-∞	-	3*
16	32	44	38	32	38	34	32	14	54.9	174	-33	207	1
64	59	28	42	32	30	32	24	14	35.0	151	- 7	158	1
14	5	20	48	58	12	66	87	54		153	-32	185	2
5	32	42	38	62	60	66	48	48	50.0	135	-75	210	1
-	-	-	-	-	-	-	128	98		270	-30	300	3*
64	58	52	56	58	56	48	54	46		190	-20	210	1*
38	36	36	44	40	12	- 4	18	22	45.0	142	-27	169	1
20	22	32	42	52	46	- 4	- 9	- 4		112	-48	160	2*
-∞	-∞	-∞	-∞	-∞	-25	-27	-	-		192	-∞	-	3*
22	-18	5	14	26	54	42	48	34		75	-152	227	2*
28	28	30	54	9	0	6	13	0		103	-98	201	2*
33.0	19.5	30.5	49.8	58.2	52.7	42.0	45.0	46.3	52.2				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
-65	-34	-∞	-2.89	-	737	1104	1841	0.67	0.25	0.71
-18	7	48	0.48	4.51	1165	1138	2303	1.02	0.18	0.65
89	85	-10	4.90	-0.77	907	976	1883	0.93	0.19	0.20
22	5	85	0.24	6.26	981	849	1830	1.16	1.81	1.49
22	30	58	2.84	4.33	1194	1100	2294	1.08	0.62	0.18
7	0	91	-	5.55	1224	1075	2299	1.14	0.32	1.18
42	20	4	4.42	2.23	907	551	1458	1.65	0.80	-
42	40	30	4.43	-	1224	1020	2244	1.20	0.64	1.43
-114	-56	26	-4.91	2.69	1251	1283	2534	0.98	1.17	0.46
30	52	- 4	1.18	-0.35	490	490	980	1.00	2.04	0.82
-	-	-∞	-	-	1190	1289	2479	0.92	1.07	0.47
85	78	- 4	4.84	-0.18	1039	796	1835	1.30	1.13	1.84
16	20	54	2.27	3.82	570	-	570	-	-	-
22	40	24	3.80	1.56	853	792	1642	1.08	-	-
+∞	+∞	38	-	1.44	853	457	1310	1.87	1.29	1.59
40	48	32	2.80	1.16	1165	624	1789	1.87	-	0.28
- 7	-20	-	-1.35	-	907	1104	2011	0.82	1.00	0.36
54	89	46	5.78	4.66	1775	792	2567	2.24	1.55	1.37
-	-	-	-	-	-	1777	1777	-	-	1.11
80	71	42	3.62	2.66	610	964	1574	0.63	0.31	1.88
50	36	34	2.69	2.44	853	859	1712	0.99	1.93	0.93
26	40	18	2.84	1.52	1039	905	1944	1.15	0.18	1.00
52	58	42	4.39	5.91	394	429	823	0.92	-	2.30
-	-	-	-	-	1039	796	1835	1.30	2.46	-
87	94	56	4.70	3.36	740	855	1595	0.86	1.00	0.45
75	73	26	5.79	2.21	920	960	1880	0.96	1.07	0.37
14	24	34	1.38	4.37	796	737	1533	1.08	0.24	-
-	-	-	-	-	796	683	1479	1.16	-	-
-27	24	- 4	0.84	-0.14	796	513	1309	1.55	1.24	1.07
66	62	36	2.71	2.50	513	735	1248	0.70	1.43	0.53
27	34	34	2.41	2.68	928	884	1752	1.15	1.00	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	54.3	53.9	53.4	53.3	53.3	53.3	53.1	53.0	52.6	52.3	51.9	51.6	51.5	51.2	50.7
2	60.9	61.0	61.6	62.1	62.7	63.2	63.6	64.6	64.3	64.2	64.0	64.0	63.8	63.6	63.4
3	64.4	64.4	64.5	64.6	64.6	64.8	65.1	65.0	64.9	64.7	64.7	64.5	64.1	63.6	62.8
4	63.0	62.9	63.0	62.9	63.3	63.6	63.8	63.8	63.7	63.5	63.1	62.7	63.2	61.4	60.8
5	60.3	60.1	60.0	60.0	60.1	60.4	60.6	60.6	60.6	60.3	60.1	59.6	59.0	58.6	58.2
6	58.5	58.4	58.4	58.6	58.9	59.3	59.5	59.6	59.2	59.1	58.8	58.4	58.2	57.6	57.0
7	56.2	56.1	56.1	56.1	56.2	56.4	56.5	56.3	56.1	56.1	55.6	54.6	54.3	53.4	52.5
8	51.8	51.6	51.4	51.4	51.6	51.6	51.4	51.4	51.3	50.6	50.3	49.9	49.2	48.4	47.6
9	46.8	47.9	48.0	48.5	48.2	49.7	50.4	50.6	50.6	50.8	51.3	51.8	52.0	51.9	51.7
10	53.3	54.1	54.0	54.5	54.6	55.2	55.4	56.1	56.2	56.3	56.2	56.0	55.8	55.6	55.2
11	59.8	60.3	60.7	61.0	61.5	62.4	63.2	63.8	64.2	64.4	64.5	64.4	64.3	64.2	64.3
12	69.0	68.8	68.6	68.6	68,7	69.2	69.4	69.3	69.0	68.8	68.2	67.7	67.1	66.2	65.5
13	64.8	64.6	64.2	63.8	63.6	63.4	63.2	62.9	62.3	61.7	60.9	60.2	59.6	59.0	58.2
14	57.5	57.0	57.1	56.9	57.2	57.4	57.3	57.0	56.6	56.3	56.0	55.6	54.9	54.0	53.5
15	58.5	58.9	59.4	59.9	60.6	60.8	61.1	61.1	60.7	60.7	60.7	60.6	60.0	59.6	59.0
16	58.0	57.7	57.8	57.7	58.6	59.1	58.9	58.8	58.7	58.1	57.8	57.4	57.0	56.1	55.4
17	55.0	54.9	54.8	55.2	55.7	55.9	56.0	56.4	56.5	56.7	55.4	56.2	55.6	56.0	56.1
18	58.7	58.6	58.6	58.6	58.7	58.8	58.9	59.0	59.0	58.9	58.6	58.1	57.4	57.0	56.4
19	55.6	55.4	55.0	54.9	55.2	55.3	55.3	55.5	55.2	55.0	55.3	54.5	55.5	55.9	55.2
20	55.9	56.1	56.3	56.6	57.5	58.3	59.2	59.8	60.2	60.4	60.6	60.9	60.9	60.7	61.1
21	63.9	63.9	63.5	63.5	63.8	63.9	64.0	64.2	63.8	63.7	63.2	62.6	62.0	61.4	60.4
22	59.7	59.6	59.6	59.6	59.6	59.8	59.8	59.4	59.2	58.6	58.1	57.6	56.8	56.0	55.5
23	55.1	55.0	55.2	55.2	55.5	56.0	56.0	56.0	55.9	55.7	55.2	54.7	54.0	53.6	53.2
24	52.6	52.7	52.3	52.1	52.0	51.9	51.5	51.7	51.1	50.1	48.9	48.8	49.1	48.6	47.9
25	52.4	52.0	52.4	52.4	53.6	54.0	54.7	55.4	55.8	56.2	56.2	56.0	56.1	56.5	56.8
26	58.8	58.6	58.5	58.9	59.4	59.9	60.3	60.6	60.5	60.1	59.6	59.5	58.8	58.6	58.1
27	57.9	57.8	57.6	57.6	57.9	58.3	58.6	58.6	58.4	58.4	58.2	57.6	57.2	56.6	56.3
28	55.9	55.8	55.8	55.8	56.7	56.8	57.1	57.4	57.2	56.8	56.8	56.5	56.5	56.2	55.9
29	60.5	60.2	60.3	60.6	61.3	61.4	61.5	61.7	61.6	62.0	62.1	61.2	60.4	60.2	59.5
30	59.4	59.0	59.4	59.5	59.7	60.3	60.6	60.6	60.5	60.3	59.8	59.2	58.8	58.4	58.1
31															
Prom	58.0	57.9	57.9	58.0	58.7	58.7	58.9	59.0	58.9	58.7	58.4	58.1	57.4	57.3	56.9

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	15.1	14.3	14.1	14.1	13.4	14.3	17.3	19.6	22.9	24.6	26.1	27.6	28.6	29.2	29.3
2	10.4	10.0	9.5	9.3	9.4	9.5	10.7	12.8	14.1	15.5	17.0	18.2	19.4	20.1	20.0
3	8.7	7.8	7.0	6.0	5.4	5.5	8.7	13.0	14.9	16.5	17.7	18.9	19.8	20.6	21.1
4	8.4	7.4	7.1	6.2	5.9	6.4	13.0	16.8	18.7	19.7	20.9	20.5	21.8	22.5	22.9
5	14.2	12.8	12.5	11.7	10.8	13.4	14.8	18.1	20.3	22.1	23.5	24.3	24.9	25.2	25.3
6	14.8	14.4	13.5	11.7	12.5	13.6	16.3	20.4	22.5	24.1	24.7	25.0	25.6	25.8	25.9
7	13.0	12.9	12.2	10.9	10.9	14.6	17.2	20.6	23.2	24.4	25.8	26.5	27.2	27.2	27.5
8	19.1	19.2	18.3	17.5	17.6	18.4	20.6	23.7	25.8	28.0	29.5	30.5	31.1	32.0	31.7
9	19.7	19.7	19.3	19.4	19.3	19.4	20.9	21.1	21.7	23.5	23.0	22.8	22.7	23.2	23.8
10	12.7	11.9	12.2	12.5	12.6	13.2	15.0	18.0	18.8	19.7	20.9	22.3	23.0	23.5	23.9
11	9.5	8.7	8.4	8.1	7.9	8.4	10.9	12.9	14.5	15.9	16.7	17.0	17.8	18.2	17.9
12	4.8	4.0	3.4	2.0	1.4	1.4	5.6	9.6	11.6	12.9	14.1	15.3	16.2	17.2	17.2
13	5.1	4.3	4.6	5.7	6.2	8.0	11.9	15.6	17.5	18.6	19.7	20.2	21.3	21.4	20.6
14	9.2	8.9	8.7	8.5	8.2	10.5	15.3	19.4	21.2	23.2	24.9	26.2	27.0	28.0	27.9
15	14.3	12.2	11.0	10.1	9.7	9.9	13.4	16.4	18.6	19.9	20.6	21.1	20.7	21.1	20.4
16	14.6	14.1	14.1	14.2	14.3	14.3	16.6	19.2	21.1	22.7	23.8	23.3	22.9	22.6	22.4
17	15.5	15.3	14.9	14.5	13.9	14.0	15.3	20.4	22.3	23.7	25.0	26.3	27.5	22.3	20.6
18	12.2	11.1	9.9	9.4	9.2	10.4	15.3	19.5	20.3	21.3	22.7	24.0	25.6	26.3	26.1
19	15.2	14.2	14.0	13.7	13.4	15.3	16.5	19.7	20.4	20.5	16.8	15.4	15.3	15.2	15.0
20	13.0	12.6	12.2	11.6	11.1	10.6	13.1	13.2	16.4	19.5	21.0	21.6	22.5	22.8	21.8
21	11.1	10.3	9.5	8.6	8.4	9.8	13.1	15.6	17.0	18.9	20.3	21.7	22.3	23.1	23.0
22	13.7	12.7	12.4	12.0	11.1	12.7	16.6	20.7	23.1	25.1	26.8	28.2	28.8	29.1	29.1
23	15.3	16.3	16.1	15.6	14.9	16.0	19.1	22.6	25.4	27.5	29.2	30.0	30.6	30.7	30.8
24	19.1	18.0	17.9	17.4	17.3	19.7	22.5	24.7	24.3	25.1	23.5	21.8	19.4	19.2	19.1
25	16.4	16.4	15.7	15.1	14.5	14.5	17.6	20.4	22.4	24.2	25.2	25.6	26.1	24.6	23.9
26	16.2	15.1	14.6	13.3	12.3	12.8	16.2	18.4	20.4	22.4	24.2	25.8	27.0	28.1	28.5
27	16.8	16.3	16.3	15.9	15.6	17.1	19.4	22.2	23.8	25.6	27.2	28.0	28.9	29.5	29.3
28	17.9	17.0	16.4	16.3	14.7	16.0	19.7	22.0	24.3	27.0	28.9	30.8	31.7	32.0	30.7
29	13.6	12.9	12.2	12.0	11.7	11.8	13.0	15.0	17.7	18.7	19.0	19.5	19.5	19.6	19.4
30	14.4	15.1	16.0	15.7	14.8	15.7	17.8	19.9	21.2	23.2	25.0	26.6	27.9	28.7	29.0
31															
Prom	13.5	12.9	12.5	12.0	11.6	12.6	15.4	18.4	20.2	21.8	22.8	23.5	24.1	24.3	24.1

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
51.4	52.5	54.1	55.2	57.0	58.4	59.3	60.1	60.7	60.7	24	50.7	15	10.0	754.1 mm.	1005.4 mb.
63.4	63.4	63.4	63.7	64.0	64.2	64.5	64.5	64.6	64.5	8,24	60.9	1	3.7	63.4	1017.8
62.7	62.6	62.7	62.8	63.2	63.5	63.5	63.4	63.3	65.1	7	62.6	17	2.5	63.9	1018.5
60.7	60.5	60.5	60.6	60.8	60.9	60.9	60.8	60.7	63.8	7-8	60.5	17-18	3.3	62.1	1016.1
57.9	57.9	57.9	58.1	58.4	58.7	58.7	58.7	58.6	60.6	7-9	57.9	16-18	2.7	59.3	1012.4
56.8	56.4	56.6	56.5	56.8	56.9	56.8	57.0	56.7	59.6	8	56.4	17	3.2	57.9	1010.5
52.5	52.5	52.7	52.7	52.7	52.7	52.8	52.7	52.3	56.5	7	52.3	24	4.2	54.4	1005.8
47.4	47.3	47.3	47.6	47.6	47.6	47.3	46.9	46.7	51.8	1	46.7	24	5.1	49.4	999.2
51.6	51.7	52.2	52.5	53.2	54.2	54.4	54.5	53.7	54.5	23	46.8	1	7.7	51.2	1001.6
55.0	55.1	55.6	56.2	57.4	57.9	58.6	59.4	59.7	59.7	24	53.3	1	6.4	56.0	1008.0
64.7	65.5	66.1	67.3	68.3	69.1	69.1	69.2	69.2	69.2	23-24	59.8	1	9.4	64.6	1019.4
65.0	65.0	65.1	65.0	65.1	65.2	65.1	65.2	65.0	69.4	7	65.0	16-17,19,24	4.4	67.1	1022.8
57.6	57.7	57.6	57.7	57.8	57.8	57.9	57.7	57.6	64.8	1	57.6	16,18,24	7.2	60.5	1014.0
53.6	53.5	53.8	54.2	54.6	55.1	55.5	56.9	57.8	57.8	24	53.5	15,17	4.3	55.8	1007.7
58.8	58.7	59.3	59.6	59.6	59.7	59.4	59.3	58.8	61.1	7-8	58.5	1	2.6	59.8	1013.0
55.3	55.2	55.3	55.5	55.4	55.9	55.8	55.6	55.6	59.1	6	55.2	17	3.9	57.0	1009.3
56.0	56.4	57.0	57.7	58.4	58.7	58.9	58.8	58.9	58.9	22,24	54.8	3	4.1	56.6	1008.8
56.0	55.5	55.5	55.5	55.6	55.7	56.1	55.9	55.7	59.0	8-9	55.5	17-19	3.5	57.4	1009.8
54.3	53.2	52.9	53.0	54.0	55.0	55.7	56.0	55.7	56.0	23	52.9	18	3.1	54.9	1006.5
61.1	61.7	62.0	62.6	63.0	63.6	63.9	64.0	64.0	64.0	23-24	55.9	1	8.1	60.4	1013.8
59.8	59.4	59.4	59.4	59.4	59.8	60.1	60.3	60.1	64.2	8	59.4	17-20	4.8	61.9	1015.8
55.2	55.0	55.1	55.0	55.1	55.3	55.4	55.3	55.2	59.8	6-7	55.0	17,19	4.8	57.3	1009.7
52.8	52.6	52.6	52.6	53.0	53.1	53.1	52.9	52.6	56.0	6-8	52.6	17-19,24	3.4	54.2	1005.6
48.9	49.2	50.3	51.2	50.8	51.1	52.0	52.0	52.0	52.7	2	47.9	15	4.8	50.8	1001.0
56.8	57.0	57.5	57.8	58.4	59.1	59.1	59.1	58.9	59.1	21-23	52.0	2	7.1	56.0	1008.0
57.7	57.5	57.5	57.6	57.8	58.1	58.2	58.1	58.0	60.6	8	57.5	17-18	3.1	58.8	1011.7
55.6	55.5	55.7	56.0	56.6	57.2	56.9	56.6	56.4	58.6	7-8	55.5	17	3.1	57.2	1009.6
56.6	57.9	58.7	59.0	59.8	60.6	60.8	60.7	60.7	60.8	22	55.8	2-4	5.0	57.6	1010.1
59.2	59.3	59.8	60.1	60.4	60.6	60.6	60.5	59.9	62.1	11	59.2	16	2.9	60.6	1014.1
57.8	58.1	58.5	58.7	59.0	59.6	59.8	59.9	59.6	60.6	7-8	57.8	16	2.8	59.4	1012.5
56.7	56.8	57.1	57.4	57.8	58.2	58.3	58.4	58.3	60.4		55.7		4.7	58.0	1010.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
27.4	24.2	19.4	16.1	14.1	14.0	12.4	11.4	10.4	29.3	15	10.4	24	18.9	19.2
19.6	19.6	17.9	16.2	14.5	12.8	11.5	11.0	9.4	20.1	14	9.3	4	10.8	14.1
20.3	19.0	18.0	14.8	13.6	12.7	11.9	11.3	10.1	21.1	15	5.4	5	15.7	13.5
22.4	22.0	20.0	17.5	15.9	15.6	15.1	15.0	14.9	22.9	15	5.9	5	17.0	15.7
25.0	24.2	22.2	19.8	17.6	17.4	16.8	15.0	14.8	25.3	15	10.8	5	14.5	18.6
25.8	24.7	22.7	20.0	18.8	18.1	16.8	16.4	15.2	25.9	15	11.7	4	14.2	19.6
26.9	26.5	24.6	21.7	20.6	19.9	20.0	19.8	19.5	27.5	15	10.9	4-5	16.6	20.6
31.1	29.9	26.7	24.3	21.7	20.4	20.0	19.2	18.8	32.0	14	17.5	4	14.5	24.0
24.3	23.5	21.9	19.7	16.6	16.1	14.5	13.4	13.2	24.3	16	13.2	24	11.1	20.1
24.0	21.8	19.3	17.1	14.4	13.9	14.0	12.7	11.3	24.0	16	11.3	24	12.7	17.0
17.0	16.2	14.3	11.2	10.4	7.3	6.8	5.5	5.4	18.2	14	5.4	24	12.8	12.0
17.5	16.4	14.0	11.9	9.8	8.1	7.2	6.5	6.1	17.5	16	1.4	5-6	16.1	9.8
20.5	19.3	17.5	15.2	13.7	12.8	11.8	10.7	10.4	21.4	14	4.3	2	17.1	13.9
27.0	26.4	23.3	21.1	19.2	18.1	17.6	17.3	17.1	28.0	14	8.2	5	19.8	18.9
19.5	19.0	18.0	16.2	15.0	13.8	13.0	14.2	14.6	21.1	12,14	9.7	5	11.4	15.0
22.5	21.6	20.6	19.5	18.1	17.6	16.9	16.4	15.9	23.8	11	14.1	2-3	9.7	18.7
22.7	21.5	19.5	18.5	17.6	16.8	15.5	13.8	12.9	27.5	13	12.9	24	14.6	18.8
25.9	25.5	23.2	19.6	17.4	15.6	15.2	15.1	15.4	26.3	14	9.2	5	17.1	18.2
14.9	14.9	14.9	14.8	14.6	14.2	14.0	14.0	13.8	20.5	10	13.4	5	7.1	15.4
20.3	19.1	17.5	16.0	15.2	14.6	13.9	13.2	12.1	22.8	14	10.6	6	12.2	16.0
23.1	22.6	20.9	18.4	16.6	16.0	14.7	14.0	13.6	23.1	14,16	8.4	5	14.7	16.4
28.9	27.6	25.0	21.9	19.8	18.5	17.7	16.6	16.0	29.1	14-15	11.1	5	18.0	20.6
30.1	29.4	27.5	24.4	21.4	20.2	19.9	19.6	19.9	30.8	15	14.9	5	15.9	23.0
18.8	18.7	18.6	18.5	18.1	17.9	16.4	16.6	16.6	25.1	10	16.4	22	8.7	19.6
23.1	22.2	20.6	18.8	17.9	17.3	16.9	17.0	17.0	26.1	13	14.5	5-6	11.6	19.7
28.2	27.5	25.5	22.4	20.4	19.3	18.3	18.0	17.1	28.5	15	12.3	5	16.2	20.5
28.9	28.0	25.9	22.7	21.0	19.8	18.7	18.7	18.8	29.5	14	15.6	5	13.9	22.3
26.6	23.1	20.4	18.4	16.8	16.0	15.4	14.6	14.0	32.0	14	14.0	24	18.0	21.3
18.6	18.3	17.9	17.0	15.4	14.7	14.1	13.8	14.0	19.6	14	11.7	5	7.9	15.8
28.7	27.5	25.7	23.1	21.0	20.3	19.5	18.7	18.4	29.0	15	14.4	1	14.6	21.4
23.6	22.7	20.8	18.6	16.9	16.0	15.2	14.6	14.2	25.1		11.0		14.1	18.0

HUMEDAD RELATIVA en %

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

TENSIÓN DEL VAPOR

en mm. de Hg.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	9.0	9.0	9.0	9.0	9.0	9.0	9.5	10.5	9.5	9.5	9.5	10.0	11.0	10.4	9.5
2	8.5	8.5	8.0	8.0	8.0	8.0	7.8	7.2	6.8	6.8	6.0	5.8	7.0	5.5	4.0
3	7.2	7.6	7.2	6.8	6.4	6.4	7.6	7.6	6.6	5.8	5.6	6.0	5.6	6.3	6.0
4	7.6	7.0	7.0	6.8	6.6	7.0	8.5	7.3	6.8	6.4	6.8	6.8	6.2	6.9	6.8
5	10.5	10.0	10.0	9.0	9.0	9.0	9.5	10.3	10.0	10.0	9.0	9.5	10.0	8.5	7.8
6	12.0	11.5	10.5	11.5	10.0	10.0	11.0	12.1	9.5	9.5	8.5	8.5	9.0	8.8	8.0
7	10.5	10.5	10.0	9.0	9.0	12.0	12.5	13.4	12.0	12.0	11.5	11.0	12.5	13.3	13.0
8	13.5	13.5	13.5	13.5	13.5	13.5	14.0	15.3	14.0	13.0	10.0	9.0	9.0	8.9	9.5
9	12.0	12.0	12.0	13.5	12.0	12.0	12.0	13.5	13.0	9.0	8.5	7.8	6.6	6.6	6.0
10	6.8	9.0	10.0	10.0	10.0	10.0	10.5	8.6	8.5	9.0	7.8	8.5	6.8	6.7	7.2
11	5.0	5.6	6.8	7.0	6.8	6.2	6.0	5.9	5.8	5.0	4.6	5.4	4.2	4.0	3.4
12	5.2	5.2	5.0	4.8	5.0	4.8	5.2	5.1	3.8	4.2	3.8	3.6	3.8	3.6	3.2
13	6.0	6.0	6.2	6.6	6.2	6.6	7.0	6.8	5.6	6.0	6.4	4.8	6.2	5.8	5.8
14	7.8	7.8	7.6	7.6	7.8	8.5	8.5	9.2	8.5	7.8	7.6	7.0	6.0	6.2	5.0
15	8.5	9.0	9.0	9.0	8.5	8.5	8.5	9.1	8.0	8.0	5.8	6.0	5.8	6.9	7.6
16	7.6	8.0	8.0	9.0	10.0	10.0	9.5	10.1	8.5	7.6	7.2	7.8	7.8	8.4	8.5
17	12.0	12.5	12.0	12.0	11.5	11.5	12.5	12.3	10.5	10.0	10.0	9.5	10.0	12.9	12.0
18	7.6	7.6	7.4	7.2	7.0	7.6	10.0	11.1	11.0	9.5	9.5	7.2	6.8	7.6	8.0
19	8.0	8.5	9.0	9.0	9.0	10.5	10.5	11.4	11.0	12.0	13.0	12.0	11.5	12.3	12.0
20	10.0	10.5	10.0	9.5	9.5	9.0	10.0	10.0	10.5	8.5	7.0	5.2	5.6	5.7	8.0
21	8.0	8.0	8.0	7.6	7.6	7.8	8.0	8.3	8.0	7.6	8.0	8.0	8.5	8.2	7.8
22	7.2	7.4	7.2	7.0	6.6	7.4	7.4	7.5	6.8	7.6	7.2	6.4	6.6	7.2	6.8
23	8.5	7.8	7.8	8.0	7.8	8.0	9.5	9.5	9.0	8.5	8.0	7.2	7.4	8.1	9.0
24	9.5	9.5	9.5	9.0	9.0	9.5	9.5	9.1	9.5	11.0	11.0	15.0	15.5	15.6	14.0
25	13.5	13.5	12.5	12.0	10.5	10.5	10.0	10.0	8.5	8.0	9.0	7.8	9.5	11.8	11.5
26	8.5	8.5	7.8	8.0	8.0	7.8	8.5	9.6	10.0	8.5	8.0	9.0	10.0	9.0	9.5
27	11.5	12.0	12.0	11.5	11.5	12.0	12.0	13.0	12.5	12.5	11.5	10.5	11.0	10.9	9.5
28	10.0	11.0	11.5	11.0	11.5	11.5	12.0	12.3	13.0	12.5	11.0	12.5	11.0	11.7	12.0
29	7.2	6.8	7.0	7.0	6.8	6.8	7.4	8.4	9.0	9.0	9.0	9.5	9.5	9.4	8.5
30	10.5	11.5	11.5	11.5	11.5	11.5	11.0	12.0	12.5	12.0	12.0	12.0	11.5	11.5	11.0
31															
Prom.	9.0	9.2	9.1	9.0	8.8	9.1	9.5	9.9	9.3	8.9	8.4	8.3	8.4	8.6	8.4

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
10.0	10.5	11.0	9.5	8.8	7.4	7.2	7.6	8.0	11.0	13,18	7.2	22	3.8	9.3
5.4	6.4	7.2	7.8	8.3	8.5	8.0	8.0	7.6	8.5	1-2,21	4.0	15	4.5	7.2
6.6	7.0	8.0	8.5	8.2	8.5	7.8	8.0	8.0	8.5	19,21	5.6	11,13	2.9	7.0
6.6	7.4	8.0	9.0	9.7	10.0	10.5	11.0	11.0	11.0	23-24	6.2	13	4.8	7.8
8.5	9.5	10.5	9.5	10.0	11.5	11.5	11.0	11.5	11.5	21-22,24	7.8	15	3.7	9.8
8.0	8.5	9.5	10.0	12.3	12.5	12.0	12.0	11.5	12.5	21	8.0	15-16	4.5	10.3
12.5	13.5	13.0	15.0	15.1	15.0	14.0	15.0	14.5	15.1	20	9.0	4-5	6.1	12.5
9.0	8.5	12.0	14.5	13.4	12.0	12.5	12.5	12.5	15.3	8	8.5	17	6.8	12.1
6.2	6.0	7.4	7.2	7.7	7.8	7.6	7.0	7.0	13.5	4,8	6.0	15,17	7.5	9.2
7.2	6.2	7.0	8.0	8.8	7.8	6.2	5.6	5.2	10.5	7	5.2	24	5.3	8.0
3.2	3.0	3.2	4.6	4.8	4.4	4.8	5.2	5.2	7.0	4	3.0	17	4.0	5.0
4.0	5.2	5.6	6.0	6.6	6.2	5.8	5.8	5.8	6.6	20	3.2	15	3.4	4.9
6.8	6.2	6.2	7.4	7.9	7.8	7.8	7.8	8.0	8.0	24	4.8	12	3.2	6.6
6.0	7.0	7.8	8.5	9.6	9.5	9.0	9.5	9.5	9.6	20	5.0	15	4.6	7.9
7.2	7.8	8.0	7.8	7.9	7.2	8.0	8.5	8.0	9.1	8	5.8	11,13	3.3	7.9
8.5	11.0	11.0	13.0	12.9	13.0	13.0	12.5	12.0	13.0	19,21-22	7.2	11	5.8	9.8
12.5	12.5	13.0	11.5	11.4	8.5	6.8	6.6	7.4	13.0	18	6.6	23	6.4	10.9
6.8	5.4	7.8	8.0	8.9	9.5	9.5	9.0	7.8	11.1	8	5.4	17	5.7	8.2
11.5	11.5	11.5	11.5	11.5	11.0	11.0	11.0	10.5	13.0	11	8.0	1	5.0	10.9
9.0	8.5	7.8	7.8	8.3	8.0	7.8	8.0	8.0	10.5	2,9	5.2	12	5.3	8.4
7.8	7.6	7.8	8.0	8.3	8.5	7.8	8.0	7.8	8.5	13,21	7.6	4-5,10,17	0.9	8.0
6.8	7.6	7.6	8.0	8.4	8.0	9.0	9.5	9.0	9.5	23	6.4	12	3.1	7.5
10.0	8.5	8.5	9.5	9.9	11.0	10.5	11.0	10.5	11.0	21,23	7.2	12	3.8	8.9
14.0	14.5	14.5	15.5	14.8	14.5	12.5	13.5	13.5	15.6	14	9.0	4-5	6.6	12.2
10.0	8.5	8.5	9.0	10.5	9.5	9.5	9.0	9.5	13.5	1-2	7.8	12	5.7	10.1
9.0	8.5	10.0	12.5	13.0	12.0	11.0	11.0	11.0	13.0	20	7.8	3,6	5.2	9.5
11.0	10.5	11.5	12.5	12.6	14.0	13.0	14.0	13.0	14.0	21,23	9.5	15	4.5	11.9
11.0	10.0	7.6	6.6	6.5	6.4	6.8	7.0	7.4	13.0	9	6.4	21	6.6	10.2
9.0	9.5	10.0	11.0	10.8	10.0	9.5	10.0	10.0	11.0	19	6.8	2,5-6	4.2	8.8
13.5	14.0	14.0	13.0	13.5	13.5	13.0	12.0	12.0	14.0	17-18	10.5	1	3.5	12.2
8.6	8.7	9.2	9.7	10.0	9.8	9.4	9.6	9.4	11.4		6.7		4.7	9.1

VIENTO: DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

15 – 16		16 – 17		17 – 18		18 – 19		19 – 20		20 – 21		21 – 22		22 – 23		23 – 24		PREVALENCIA DIARIA		PROMEDIO DIARIO DE VELOCIDAD	VELOCIDAD INSTANTÁNEA		
DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIRECCIÓN	NÚMERO DE HORAS		VELOCIDAD	DIRECCIÓN	HORA
W	16	SW	18	S	19	S	14	S	15	SW	23	S	20	S	20	S	16	N	13	21	40	N	9.01
S	12	s/R	–	s/R	–	S	4	S	3	S	3	S	5	S	4	S	3	S	22	11	34	SW	11.02
NE	9	NE	13	NE	11	NE	9	NE	7	NE	6	NE	7	NE	6	N	3	N	8	16	11	NE	16.25
NE	11	NE	9	NE	10	NE	10	E	9	E	9	E	8	E	8	E	7	NW	11	7	13	NE	9.23
NE	7	NE	12	NE	9	NE	7	E	7	E	7	E	6	E	7	E	6	NE E	9	9	20	NE	6.56
NE	10	NE	9	NE	10	NE	9	E	9	E	6	E	6	E	7	E	4	NE	16	9	16	NE	11.16
NE	10	NE	9	NE	8	NE	8	NE	8	NE	9	NE	10	NE	8	NE	8	NE	13	9	15	NW	10.34
NW	9	N	11	N	11	N	6	NE	6	N	11	N	10	N	12	N	12	N	9	9	13	W	13.25
S	10	S	9	S	5	S	5	SE	4	S	4	S	3	S	3	S	5	S	15	9	26	N	4.25
S	4	NE	8	NE	10	NE	6	Calma	1	S	5	S	6	S	7	S	6	SE S	7 7	6	13	E	9.19
S	18	S	20	S	15	S	14	S	8	S	5	S	5	S	5	S	7	S	24	11	35	W	12.08
SE	5	N	7	NE	13	NE	9	NE	5	NE	5	NE	6	NE	5	NE	3	S	11	5	11	NE	16.48
N	19	N	19	N	20	N	12	N	8	N	8	N	8	N	5	N	5	N	18	13	29	NW	12.48
NW	16	NW	15	N	14	N	11	N	8	N	8	N	7	S	8	S	16	N	14	12	27	NW	9.24
S	14	E	12	SE	8	SE	10	SE	9	SE	8	SE	8	E	9	E	13	SE	12	12	28	E NE	12.14 13.24
E	7	E	9	E	8	E	5	SE	4	E	5	E	4	SE	4	SE	5	E	15	8	19	NE	1.22
NE	15	NE	14	NE	15	E	10	E	6	E	4	SE	7	SE	6	SE	4	S	11	8	30	SW	13.39
NE	14	NE	13	NE	10	NE	10	NE	8	NE	8	NE	7	E	8	E	10	NE	14	9	15	NE	15.20
S	4	SE	5	SE	6	SE	4	SE	3	S	4	S	6	S	4	S	5	NE	9	7	22	SW	12.04
S	20	E	18	E	15	E	14	E	12	E	8	E	4	E	6	SE	4	E	9	9	23	NE	15.09
N	16	N	14	N	19	N	12	N	10	N	10	N	11	N	12	N	13	N	18	12	23	NW	14.01
NW	22	NW	21	NW	16	NW	9	NW	9	NW	10	NW	17	NW	8	NW	10	NW	21	17	31	NW	8.31
NE	13	NE	16	NE	10	NE	8	NE	8	NE	8	NE	8	NE	9	NE	14	NW	12	12	21	NW	7.53
SE	19	E	16	SE	10	E	8	SE	8	E	8	W	8	NW	9	W	14	NE	7	14	40	SW	12.18
NE	16	NE	18	E	13	E	11	E	11	NE	9	NE	11	NE	13	NE	16	NE	9	10	21	NE	16.20
N	14	N	14	N	13	N	9	N	9	N	8	N	9	N	11	N	11	N	21	11	18	N	13.36
N	11	NE	13	NE	9	NE	6	NE	9	NE	5	N	6	N	8	N	11	N	19	13	28	NW	8.32
S	10	SE	24	SE	22	SE	26	SE	20	SE	20	SE	19	SE	17	SE	13	N SE	8	15	38	SE	18.52
SE	14	E	13	NE	6	SE	2	SE	4	SE	5	SE	3	SE	6	SE	7	SE	16	10	20	E	9.01
SE	6	NE	12	NE	10	NE	8	NE	8	N	8	N	6	N	6	NW	6	NE	7	8	12	NE	7.52
NE		NE		NE		NE		NE		NE-E		N		S		S		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		40 Km.		
9		12		13		11		8		7		7		7		7					DIRECCIÓN	DÍA	HORA
	13		13		12		9		8		8		8		8		9	N	158	10	N	1	de 9.45 a 10.00
																					NW	22	de 7.30 a 7.45

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	13	304							6	104	3	57			2	47		512
2									22	236								236
3	1	3	8	68			3	10	9	38	3	17						136
4	3	23	11	100	7	45											3	170
5	6	84	9	82	9	54												220
6	1	13	16	141	7	60												214
7	7	80	13	116	4	11												207
8	9	95	4	28	3	19									8	84		226
9	3	44					1	4	15	128			3	28	2	22		226
10			3	24	6	57	7	36	7	40							1	158
11									24	269								269
12	1	7	8	52			1	5	11	46	2	12					1	123
13	18	266	6	40														306
14	14	131							2	24					8	143		298
15					10	156	12	115	2	21								292
16			6	63	15	119	3	13										195
17			4	58	3	20	6	26	11	86								190
18			14	161	4	34	6	29										224
19			9	74	1	5	4	18	6	28	3	30			1	9		164
20			1	15	8	98	6	56	6	22	1	12	2	9				212
21	18	248	3	32	1	4									1	2	1	286
22	3	44													21	356		400
23	3	33	9	100											12	158		291
24	4	79	7	105	3	32	5	62			2	18	2	22	1	9		327
25			9	126	3	35	6	54	2	9	3	14	1	6				244
26	21	241	3	31														272
27	19	278	5	42														320
28	8	111					8	161	1	10	3	29	1	11	3	43		365
29			1	6	7	95	16	135										236
30	6	51	7	62	2	15	1	6	1	6	2	13	1	5	4	31		189
31																		
SUMAS	158	2135	156	1526	93	859	85	730	125	1067	22	202	10	81	63	904	6	7508
% PREVAL POR VELOCIDAD	28.4		20.3		11.4		9.7		14.2		2.8		1.1		12.0		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	14		10		9		8		8		9		8		14		1	250

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	6	6	6	2	8		1	1	
1 - 2	5	6	4	5	5	1	1	2	1
2 - 3	5	7	3	6	4	1		2	2
3 - 4	6	6	2	5	5	1		3	1
4 - 5	6	10	1	4	7			2	
5 - 6	8	7	2	4	5		1	2	1
6 - 7	12	4	1	4	5		2	2	
7 - 8	12	3	3	3	5	1	1	2	
8 - 9	9	5	1	3	7			5	
9 - 10	8	4	4	2	6			6	
10 - 11	8	3	4	2	5	1		7	
11 - 12	7	2	5	2	5	3	2	4	
12 - 13	8	3	5	1	4	6		3	
13 - 14	5	6	3	4	4	4		4	
14 - 15	5	9	3	1	7	1		4	
15 - 16	4	8	3	4	6	1		3	
16 - 17	5	12	5	2	2	1		2	
17 - 18	5	13	3	4	3			1	
18 - 19	5	11	5	4	4			1	
19 - 20	4	8	6	7	3			1	1
20 - 21	6	7	7	3	5	1		1	
21 - 22	7	6	5	4	6		1	1	
22 - 23	6	5	6	4	7			2	
23 - 24	6	4	5	5	7		1	2	
SUMAS	158	156	93	85	125	22	10	63	6
% de frec. por dirección	22.0	21.7	12.9	11.8	17.4	3.1	1.4	8.8	1.0

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	Ci	8	Ci	8	Cs	10	Sc	10	Sc	8	8	8	8
2	Cu	3	Cu	1	Cu	2	Ac	3	Ac	6	9	9	9
3	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
4	Claro	0	Claro	0	Claro	0	Ci	3	Ci	2	8	9	9
5	Claro	0	Ci	2	Claro	0	Ci	1	Claro	0	9	9	7
6	Claro	0	Claro	0	Ci	1	Claro	0	Claro	0	9	9	9
7	Ci	1	Ci 8 Cu 1	9	Cs	10	As 1 Ci 8	9	Cs	10	7	7	8
8	Ci	10	Ci	10	Cu	1	Claro	0	Claro	0	7	9	7
9	Ac	9	Ac	3	Claro	0	Ac	6	Ac	5	9	9	9
10	As	10	Ci	8	Cu 1 Ci 3	4	Claro	0	Claro	0	7	7	7
11	Ac	8	Ac	3	Cu	4	Ci	1	Claro	0	8	8	9
12	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	7
13	Ci	2	Ci	2	Cs	7	Ac 3 Ci 4	7	Sc 1 Ac 2	3	9	8	8
14	Claro	0	Ci	3	Ci	2	Ci	8	Ac 1 Ci 8	9	9	9	6
15	Claro	0	Ci	3	Ci	5	Ci 8 Ac 1	9	Ac 1 Ci 3	4	7	8	8
16	Ac 2 Ci 3	5	Cs	10	As	10	As	10	As	10	8	7	6
17	Ac 4 Ci 3	7	Ac 6 Ci 2	8	Sc	9	Ac As	10	As	2	8	7	7
18	Claro	0	Claro	0	Claro	0	Ci	1	Claro	0	8	9	8
19	As 4 Sc 6	10	Ns	10	Ns	10	Sc 3 As 7	10	St	10	8	6	6
20	Sc	9	Ci	9	Ci	8	Ci	8	Claro	0	8	9	9
21	Claro	0	Claro	0	Ac	1	Claro	0	Claro	0	9	9	9
22	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	9	9	7
23	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	7
24	Ac	9	St	10	St	10	Ns	10	Niebla	10	8	9	1
25	Ac	4	Claro	0	Claro	0	Claro	0	Claro	0	8	8	9
26	Claro	0	Claro	0	Claro	0	Claro	0	Claro	0	8	9	9
27	Claro	0	Claro	0	Ci	1	Ac	1	Ci	2	8	8	7
28	Ci	7	Ac 1 Ci 3	4	Cs	10	Ac As	10	Ac As	8	9	8	8
29	Cs 1 As 9	10	Cu 1 As 8	9	Sc	10	Sc	10	Sc 1 Ci 2	3	7	7	7
30	Claro	0	Cu	1	Cu	1	Cu	1	Claro	0	8	9	7
31													
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
	9	49.0	28.3	1.68	8	5	5	
	10	49.5	29.8	1.60	8	5	5	
1	12	52.7	32.9	1.61	8	5	5	
	14	51.5	34.0	1.42	10	4	5	
	15	49.8	33.3	1.34	10	4	5	
	9	40.4	19.8	1.67	2	3	5	
	10	44.9	21.6	1.89	1	5	5	
2	12	48.0	24.9	1.88	2	5	5	
	14	48.1	25.7	1.82	2	3	5	
	15	46.5	25.2	1.73	1	5	5	
	9	44.0	21.0	1.87	0	5	5	
	10	46.1	22.7	1.90	0	5	5	
3	12	47.6	24.8	1.85	0	5	5	
	14	47.2	25.7	1.75	0	5	5	
	15	45.5	25.6	1.62	0	5	5	
	9	46.5	24.5	1.79	0	5	5	
	10	48.5	26.2	1.81	0	5	5	
4	12	49.4	27.2	1.80	0	5	5	
	14	49.0	27.7	1.73	0	5	5	
	15	47.6	27.5	1.63	2	5	5	
	9	47.5	26.2	1.73	0	5	5	
	10	50.0	28.2	1.77	1	5	5	
5	12	51.5	29.6	1.78	0	5	5	
	14	50.5	29.9	1.67	0	5	5	
	15	48.8	29.3	1.58	0	5	5	
	9	49.4	28.5	1.70	0	5	5	
	10	51.0	30.0	1.71	0	5	5	
6	12	52.0	30.4	1.76	0	5	5	
	14	51.4	31.0	1.66	1	5	5	
	15	49.8	30.3	1.58	1	5	5	
	9	48.9	28.8	1.63	1	5	5	
	10	51.0	30.5	1.67	5	4	5	
7	12	52.2	32.2	1.63	9	4	5	Js.
	14	52.4	32.2	1.64	10	4	5	Js.
	15	48.7	31.4	1.41	10	4	5	Js.
	9	52.2	31.6	1.67	10	4	5	
	10	53.2	33.5	1.60	10	4	5	Js.
8	12	57.2	36.4	1.69	10	4	5	Js.
	14	56.5	36.7	1.61	1	5	5	
	15	54.6	36.0	1.51	0	5	5	
	9	48.9	27.0	1.78	5	5	5	
	10	50.5	29.0	1.75	3	5	5	
9	12	51.6	29.2	1.82	3	5	5	
	14	49.6	28.5	1.72	0	5	5	
	15	48.4	28.5	1.62	1	5	5	
	9	37.0	22.2	1.20	10	0	4	
	10	44.5	24.6	1.62	10	2	4	
10	12	48.6	27.6	1.71	8	4	5	
	14	49.5	28.9	1.67	4	3	5	
	15	45.0	28.0	1.38	4	3	5	
	9	39.2	19.9	1.57	9	2	5	
	10	40.5	21.0	1.58	9	2	5	
11	12	48.1	24.0	-	3	3	5	
	14	44.5	23.0	1.75	4	3	5	
	15	44.0	23.0	1.71	4	3	5	
	9	41.8	18.0	-	0	5	5	
	10	43.8	19.9	-	0	5	5	
12	12	46.1	22.7	1.90	0	5	5	
	14	45.8	23.2	1.84	0	5	5	
	15	44.5	23.0	1.75	0	5	5	
	9	45.9	23.5	1.82	2	5	5	
	10	48.2	24.7	1.91	2	5	5	
13	12	42.4	24.3	1.41	4	5	5	
	14	47.0	26.9	1.63	7	4	5	
	15	38.7	24.0	1.20	9	4	5	
	9	49.1	27.5	1.76	0	5	5	
	10	51.5	29.6	1.78	0	5	5	
14	12	54.8	32.8	1.79	7	5	5	
	14	54.3	34.0	1.65	2	5	5	
	15	50.5	32.1	1.50	3	5	5	
	9	46.0	24.2	1.77	0	5	4	B.
	10	47.2	25.6	1.76	2	5	4	B.
15	12	49.8	27.1	1.84	4	5	5	
	14	48.4	27.4	1.71	5	3	5	
	15	34.5	23.0	0.93	4	2	5	
	9	49.1	27.1	1.79	6	4	5	
	10	50.0	28.5	1.75	10	4	5	Ds.
16	12	43.5	27.0	1.34	10	2	5	
	14	34.5	24.5	0.81	10	0	4	
	15	31.5	24.0	0.61	10	0	3	
	9	50.4	29.0	1.74	8	4	5	
	10	47.6	28.6	1.54	9	4	5	
17	12	50.8	32.2	1.51	3	3	5	
	14				9	0	5	Z.
	15	36.0	24.5	0.93	9	1	5	
	9	48.2	26.4	1.77	0	5	5	
	10	49.9	27.7	1.80	0	5	5	
18	12	52.3	30.4	1.78	0	5	5	
	14	52.1	31.5	1.67	0	5	5	
	15	51.0	31.4	1.59	0	5	5	
	9	29.2	22.2	0.57	10	0	5	
	10				10	0	5	LL.
19	12				10	0	5	LL.
	14				10	0	4	LL.
	15				10	0	4	LL.
	9	45.7	22.8	1.86	3	5	5	
	10	48.8	26.9	1.78	5	5	5	
20	12	50.3	27.8	1.83	8	4	5	
	14	51.1	28.6	1.83	8	4	5	
	15	44.9	25.4	1.58	10	4	5	
	9	45.0	23.5	1.75	1	5	5	
	10	47.1	25.1	1.79	1	5	5	
21	12	50.1	27.6	1.83	2	4	5	
	14				1	5	5	
	15	47.7	28.0	1.60	0	5	5	
	9	50.2	28.8	1.74	0	5	5	
	10	52.7	31.0	1.76	0	5	5	
22	12	55.4	34.1	1.73	0	5	5	
	14	54.1	34.0	1.63	0	5	5	
	15	50.5	33.5	1.38	0	5	5	
	9	51.6	30.8	1.69	0	5	5	
	10	54.4	33.4	1.71	0	5	5	
23	12	56.5	35.6	1.70	0	5	5	
	14	56.0	36.0	1.63	0	5	5	
	15	54.0	35.2	1.53	0	5	5	
	9	30.9	25.2	0.46	10	0	5	
	10	34.5	26.7	0.63	10	0	5	
24	12				10	0	5	Z.
	14				10	0	5	
	15				10	0	5	Z.
	9	51.0	28.5	1.83	2	5	5	
	10	53.6	30.8	1.85	3	5	5	
25	12	53.1	31.4	1.76	0	5	5	
	14	50.5	30.0	1.67	0	5	5	
	15	47.7	28.5	1.56	0	5	5	
	9	48.3	26.6	1.76	0	5	5	
	10	50.6	28.7	1.78	0	5	5	
26	12	53.2	31.6	1.76	0	5	5	
	14	53.6	33.1	1.67	0	5	5	
	15	52.2	32.9	1.57	0	5	5	
	9	50.0	29.1	1.70	0	5	5	
	10	52.9	31.4	1.75	0	5	5	
27	12	54.8	33.8	1.71	1	5	5	
	14	54.9	34.5	1.63	1	5	5	
	15	52.6	34.0	1.51	1	5	5	
	9	34.5	25.5	0.73	3	4	5	
	10	54.0	33.5	1.67	7	3	5	
28	12	58.5	37.2	1.73	9	4	5	
	14	52.1	35.8	1.33	10	2	5	
	15	41.0	32.0	0.73	10	0	5	
	9	34.9	21.1	1.12	10	0	3	B.
	10	36.0	21.6	1.17	10	0	4	
29	12	37.4	23.0	1.17	10	0	5	
	14	31.5	21.6	0.80	10	0	4	
	15	29.7	21.4	0.67	10	0	4	
	9	49.2	27.9	1.73	0	5	5	
	10	51.6	29.9	1.76	0	5	5	
30	12	55.2	33.4	1.77	0	5	5	
	14	54.9	32.1	1.85	1	5	5	
	15	49.1	32.8	1.33	2	3	5	
	9							
	10							
31	12							
	14							
	15							

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR.ASTRON	H.RELATIVA
1		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9			10.7	13.4	80
2		0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	11.5	13.5	85
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		11.7	13.5	87
4		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		11.7	13.5	87
5		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.8	13.6	87
6		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.9	13.6	88
7		0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.2		10.8	13.6	79
8		0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.3	13.7	82
9		0.2	0.4	0.5	0.7	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3		9.0	13.7	66
10					0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	8.6	13.7	63
11		0.6	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		10.9	13.8	79
12		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.0	13.8	87
13		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7		11.3	13.8	82
14		0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9		11.7	13.8	85
15		0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.5		9.9	13.9	71
16		0.3	1.0	1.0	1.0	1.0	0.6								4.9	13.9	35
17		0.7	1.0	1.0	0.9	1.0	1.0	0.4			0.7	0.3			7.0	13.9	50
18		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	14.0	86
19		0.3													0.3	14.0	02
20			0.6	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9		9.7	14.0	69
21		0.7	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	11.9	14.0	85
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	14.0	86
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	0.3	12.1	14.1	86
24		0.9	1.0	1.0	0.5	0.1									3.5	14.1	25
25		0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.7	14.2	82
26		0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	12.3	14.2	87
27		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3		11.3	14.2	80
28		1.0	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.2	0.4				8.2	14.2	58
29							0.3								0.3	14.2	02
30		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0		11.8	14.2	83
31																	
Medias		0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.1	9.8	13.9	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	18.1	25.2	21.3	17.3	22.6	20.9	17.2	18.1	19.2	17.9	17.9	18.6	19.5	19.4	19.5
2	17.2	23.8	20.2	17.0	22.1	19.8	17.4	18.0	18.6	18.2	18.0	18.5	20.0	19.7	19.7
3	16.3	24.3	20.0	16.1	22.4	19.8	16.8	17.7	18.6	18.0	17.8	18.4	19.8	19.6	19.6
4	16.9	24.7	20.7	16.2	22.4	20.2	16.8	17.8	18.8	18.0	17.8	18.5	19.9	19.6	19.7
5	18.2	25.7	21.6	17.3	23.2	21.0	17.4	18.4	19.3	18.4	18.2	18.8	20.0	19.9	20.0
6	19.6	26.6	22.6	18.2	24.0	21.8	18.0	19.0	20.0	18.6	18.8	19.4	20.3	20.3	20.3
7	19.6	27.1	23.3	18.5	23.9	22.4	18.4	19.4	20.6	19.1	19.1	19.8	20.7	20.6	20.8
8	21.7	28.5	24.4	20.3	25.6	23.6	19.6	20.6	21.6	19.9	20.0	20.8	21.2	21.2	21.4
9	21.8	26.3	22.4	21.0	24.3	22.2	20.4	20.7	21.0	20.6	20.5	20.7	21.8	21.8	21.8
10	19.3	25.2	21.7	19.0	23.3	21.4	19.0	19.6	20.3	19.8	19.6	20.0	21.6	21.5	21.4
11	17.7	22.8	18.6	17.8	21.6	19.3	18.3	18.7	19.0	19.4	19.1	19.2	21.4	21.1	21.0
12	15.4	23.7	19.4	15.6	21.7	19.4	16.8	17.6	18.6	18.4	18.1	18.8	20.8	20.5	20.4
13	16.6	24.0	20.0	16.1	21.4	19.6	16.7	17.6	18.4	18.2	18.0	18.6	20.5	20.2	20.2
14	18.6	25.6	22.0	16.9	22.6	21.2	17.0	18.2	19.4	18.2	18.2	19.0	20.4	20.3	20.4
15	18.7	24.8	20.9	18.2	22.9	20.7	18.3	19.0	19.6	19.0	19.0	19.5	20.8	20.8	20.8
16	19.4	24.4	21.8	18.5	22.0	21.0	18.3	19.2	19.5	19.2	19.1	19.5	21.0	20.8	21.0
17	20.2	25.8	22.1	19.0	23.7	21.5	18.7	19.6	20.2	18.4	19.4	19.9	21.1	21.0	21.2
18	19.1	26.4	22.6	18.2	23.7	22.0	18.4	19.4	20.4	19.4	19.3	20.0	21.3	21.1	21.2
19	20.0	19.9	19.2	19.2	19.3	18.8	19.0	18.8	18.4	19.7	19.3	19.0	21.5	21.2	21.0
20	17.4	24.0	19.7	17.2	22.2	19.9	17.4	18.2	19.1	18.4	18.4	18.9	20.7	20.6	20.5
21	17.2	24.0	20.6	16.7	23.3	19.9	17.4	17.9	18.8	18.4	18.2	18.7	20.6	20.5	20.4
22	18.0	25.3	21.8	17.1	22.6	21.0	17.4	18.2	19.4	18.4	18.4	19.1	20.6	20.5	20.6
23	19.6	27.1	23.2	18.5	24.2	22.5	18.4	19.4	20.5	19.1	19.2	20.0	21.0	21.0	21.1
24	20.9	21.3	20.8	19.7	20.3	20.1	19.4	19.3	19.8	20.0	19.7	19.6	21.7	21.5	21.4
25	19.8	26.2	21.8	19.1	23.8	21.6	18.7	19.6	20.4	19.3	19.3	20.0	21.2	21.2	21.3
26	19.2	26.2	22.8	18.6	23.4	22.0	18.8	19.4	20.4	19.6	19.5	20.2	21.5	21.4	21.5
27	20.6	27.2	23.8	19.5	24.3	22.9	19.2	20.0	21.1	19.9	19.9	20.6	21.8	21.7	21.8
28	21.8	27.4	22.6	20.4	24.9	22.8	20.0	20.7	21.6	20.4	20.5	21.1	22.2	22.2	22.3
29	18.8	21.8	20.5	19.1	20.8	20.2	18.6	19.4	19.5	20.4	20.0	20.0	22.4	22.2	22.0
30	20.1	27.2	23.8	19.1	24.4	23.0	18.8	20.0	21.1	19.6	19.0	20.6	21.8	21.8	22.0
31															
Prom.	18.9	25.1	21.5	18.2	22.9	21.1	18.2	19.0	19.8	19.1	19.0	19.5	21.0	20.8	20.9

LLUVIA, ESTADO DEL SUELO, ETC...

DÍAS	LLUVIA				ESTADO DEL SUELO	EVAPORACIÓN				GEOHIDROMETRÍA en %						Preatímetro
	50 cm.	1.50 m.	7 m.	18 m.		8^h	14^h	20^h	Total	Punto	7 cm.	15 cm.	30 cm.	60 cm.	1 m.	
1					0	2.1	4.1	2.6	7.9							8332
2					0	1.2	2.2	2.0	5.0							8303
3					0	0.8	1.7	1.6	3.8	J.15	10.0	10.6	20.0			8308
4					0	0.5	2.6	1.9	5.2							8305
5					0	0.7	2.6	2.0	5.2							8303
6					0	0.6	2.7	2.0	5.1							8415
7					0	0.4	2.6	1.6	5.1							8418
8					0	0.9	3.6	2.9	8.4	J.16	6.9	8.3	17.8	18.5		8419
9	0.0	0.0	0.0	0.0	0	1.9	2.5	2.3	5.8							8436
10					0	1.0	2.2	1.9	5.7							8472
11					0	1.6	2.6	3.1	6.4							8502
12					0	0.7	1.8	1.7	4.5							8535
13					0	1.0	3.1	2.4	6.6	J.17	8.8	8.9	18.3			8516
14					0	1.1	3.7	3.1	8.0							8501
15					0	1.2	2.5	1.5	5.6							8555
16					0	1.6	2.1	1.4	3.8							8555
17					0	0.3	2.3	1.1	5.2							8557
18	0.0	0.0	0.0	0.0	0	1.8	1.8	2.5	5.4	J.18	7.1	7.6	16.2			8578
19					2	1.1	0.6	0.1	1.0							8581
20	16.1	16.3	14.9	14.9	2	0.3	1.9	1.8	4.5							8598
21					0	0.8	2.8	2.4	7.5							8622
22					0	2.3	4.9	3.8	11.3							8616
23					0	2.6	4.1	3.3	10.5	J.19	8.4	8.3	14.5			8622
24					2	3.1	1.8	0.3	2.4							8625
25	15.4	16.0	14.4	14.7	1	0.3	2.6	1.9	6.2							8642
26					0	1.7	3.1	2.8	7.1							8661
27					0	1.2	3.2	2.5	7.3							8664
28					Q	1.6	3.0	2.9	7.8	-	-	-	-			8673
29					0	1.9	1.5	1.1	3.5							8690
30					0	0.9	2.2	1.8	5.1							8692
31																
Prom.	31.5	32.3	29.3	29.6	-	1.2	2.6	2.1	5.9	-	-	-	-	-	-	8523

0.50 m.			1 m.			2 m.	3 m.	Temper. Mínima de la Superf.	Ocurrencia de hidrometeoros y otros fenómenos
8^h	14^h	20^h	8^h	14^h	20^h	8^h	8^h		
19.0	19.1	19.0	17.2	17.2	17.3	16.5	16.7	8.8	Cn. m. t. y n.
19.3	19.3	19.2	17.3	17.4	17.4	16.6	16.9	6.6	Ca. m. y t., Cn. n., r. n.
19.4	19.4	19.2	17.4	17.4	17.5	16.7	16.9	0.4	Ca. m. t. y n., r. m. y n., B. t.
19.5	19.5	19.5	17.5	17.5	17.5	16.8	16.9	-0.5	Ca. m. t. y n., r. m., Js. t.
19.6	19.6	19.5	17.6	17.6	17.7	16.8	16.9	4.9	Ca. m. t. y n., r. m.
20.0	20.0	20.0	17.7	17.6	17.6	16.8	16.9	6.8	Ca. m. t. y n.
20.3	20.3	20.2	17.6	17.7	17.7	16.9	16.9	6.6	Ca. m., Cn. t. y n., Ns. m., r. m.
20.6	20.7	20.6	17.8	17.8	17.8	16.9	17.0	12.6	Cn. m., Ca. t. y n., B. m.
21.1	21.2	21.2	17.9	18.0	18.0	17.0	16.9	14.7	Cn. m. y n., Ca. t., Z. m.
21.2	21.2	20.9	18.1	18.1	18.2	16.9	16.8	6.0	Cn. m., Ca. t. y n., r. n.
21.1	21.0	20.5	18.2	18.2	18.3	17.1	17.0	4.3	Cn. m., Ca. t. y n.
20.5	20.4	20.2	18.3	18.3	18.4	17.1	17.0	-2.2	Ca. m. t. y n., r. m., B. t.
20.3	20.2	19.9	18.4	18.3	18.3	17.1	17.0	0.6	Ca. m. y n., Cn. t., r. m.
20.2	20.1	20.0	18.3	18.4	18.4	17.1	17.0	3.1	Ca. m. y t., Cn. n.
20.3	20.3	20.4	18.4	18.5	18.5	17.3	17.0	7.0	Ca. m. y n., Cn.t., B. m. y t.
20.6	20.5	20.5	18.5	18.5	18.5	17.3	17.0	6.3	Cn. m. t. y n.
20.6	20.6	20.6	18.5	18.5	18.5	17.3	17.1	11.2	Cn. m. y t., Ca. n., Z. t.
20.7	20.7	20.7	18.5	18.6	18.6	17.4	17.1	2.8	Ca. m. t. y n.
21.0	20.8	20.6	18.6	18.6	18.7	17.5	17.1	9.1	Cn. m. t. y n., r.Ru.LL. m., Z. t., N. t.
20.3	20.6	20.6	18.7	18.7	18.8	17.5	17.1	6.4	Cn. m. y t., Ca. n.
20.2	20.2	20.1	18.8	18.8	18.8	17.6	17.1	4.0	Ca. m. t. y n., r. m.
20.4	20.3	20.2	18.8	18.8	18.8	17.6	17.1	6.6	Ca. m. t. y n.
20.7	20.8	20.6	18.8	18.8	18.8	17.7	17.2	9.4	Ca. m. t. y n.
21.3	21.1	21.1	18.9	18.9	18.9	17.7	17.2	11.0	Cn. m. t. y n., Ru.LL. m., Ne.N. n.
20.8	20.8	20.7	18.9	19.0	19.0	17.8	17.3	11.3	Ca. m. t. y n.
21.1	21.2	21.1	19.0	19.0	19.0	17.8	17.3	6.4	Ca. m. t. y n., r. n.
21.5	21.5	21.4	19.1	19.1	19.1	17.8	17.3	10.8	Ca. m. t. y n.
21.9	22.0	21.8	19.1	19.2	19.2	17.8	17.3	9.5	Cn. m. t. y n.
22.2	22.0	21.8	19.3	19.3	19.3	18.0	17.4	8.0	Cn. m. y t., Ca. n.
21.7	21.7	21.5	19.4	19.5	19.5	18.0	17.4	10.8	Ca. m. t. y n., B.r. n.
20.6	20.6	20.4	18.4	18.4	18.4	17.3	17.1	6.8	

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	57.2	65.1	3	7	46.7	8	24	18.2	25.2	10.6	32.0	8	14	5.4	3	5	10.9	13.6	80
2ª	59.4	69.4	12	7	52.9	19	18	15.8	22.7	8.9	28.0	14	14	1.4	12	5-6	9.0	13.9	65
3ª	57.4	64.2	21	8	47.9	24	15	20.1	27.3	13.3	32.0	28	14	8.4	21	5	9.5	14.1	67
MES	58.0	69.4	12	7	46.7	8	24	18.0	25.1	11.0	32.0	8,28	14	1.4	12	5-6	9.8	13.9	71

DÉCADA	HUMEDAD DEL AIRE								VIENTO										LLUVIA					
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora						
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	64	100	3-5,7	25	8	9.3	15.3	4.0	NE	10	40	1	33	1	9-10	40	N	1	9.01	-	-	-	-	-	-
2ª	64	100	17	20	14	8.0	13.0	3.0	S	9	28	15	23	13	14-15	35	W	11	12.08	16.3	16.3	20	12.5	20	11-12
3ª	61	99	24	22	22	9.9	15.6	6.4	N	12	40	22	26	22	7-8	40	SW	24	12.18	16.0	16.0	25	13.5	24	13-14
MES	63	100		20	14	9.1	15.6	3.0	N	10	40	1 22	33	1	9-10	40	N SW	1 24	9.01 12.18	32.3	16.3	20	13.5	24	13-14

FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

DÉCADA	ESTADO DEL AIRE - VISIBILIDAD							PRECIPITACIÓN							VIENTO - TORM. ELÉCT.		
	Aire diáfano	Bruma	Neblina	Niebla	Niebla del suelo	Temp. de polvo o arena	Tromba Remolino de polvo	Lluvia	Llovizna	Nieve	Chaparrón de lluvia	Chaparrón de nieve	Granizo	Pedrisco	Viento muy fuerte	Truenos y relámpagos	Relámpagos
1ª	-	2	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-
2ª	-	2	-	1	-	-	-	1	2	-	-	-	-	-	-	1	-
3ª	-	1	1	1	-	-	-	1	-	-	-	-	-	-	2	1	-
MES	-	5	1	2	1	-	-	2	3	-	-	-	-	-	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	6	-	-	-	-	-	-	1	-	-	-	4	1	-	5	-
2ª	3	-	-	-	-	-	-	-	-	-	-	3	2	-	3	-
3ª	3	-	-	-	-	-	-	-	-	-	-	7	2	-	8	-
MES	12	-	-	-	-	-	-	1	-	-	-	14	5	-	16	-

BOLETIN MENSUAL
DEL
OBSERVATORIO DE SAN MIGUEL

Vol. III DICIEMBRE 1948 N°. 1

RESUMEN MENSUAL

La primera década registra un record en cuanto a la temperatura ambiente. En efecto: desde principios de este siglo no se ha observado en el NE de la Provincia de Buenos Aires un período tan caluroso como este de Diciembre. Esta situación es provocada por la afluencia contínua de aire caluroso del N que se inicia en el último día de Noviembre. Ya el 1° sobrepasa el termómetro los 30.0° C, importe que se repite todos los días de la década, excepto el 5 y el 6. Una zona frontal atraviesa San Miguel el 4 desencadenando lluvias, tormentas eléctricas y granizo. No obstante este cambio, el 9 se registra nuevamente la máxima mensual de la temperatura.

El 11 se restablecen las condiciones normales. Con ligeras lluvias llega una masa de aire más fresco; sin embargo, los vientos del E y N se mantienen en general. Un frente frío que atraviesa el Observatorio el 15 por la noche con vientos fuertes, tormentas e intensas lluvias logra por primera vez en estos veinte días hacer bajar la temperatura por debajo de su nivel normal. Este aire de origen polar es tan seco que la tensión del vapor desciende hasta 4.2 mm. Excepción hecha de los tres primeros días, esta década puede calificarse como de buen tiempo.

Nuevamente el 21 aire tropical llegado del Norte eleva la temperatura por sobre los 35.0° C; la presión desciende hasta su mínima mensual de 746.4 mm. el 23. Este día marca la humedad absoluta su máxima mensual con 19.5 mm. Con ligeras lluvias prefrontales por la mañana y tormentas eléctricas y lluvias intensas por la noche llega una ola de aire fresco. El 25 se registra así la máxima de la presión atmosférica y la mínima mensual de la temperatura y humedad absoluta. El 26 cambia otra vez el viento hacia el N y una corriente calurosa y húmeda se acentúa hasta el fin de año.

Predomina en este mes corriente del N con aire caluroso y húmedo y presión relativamente baja. El promedio mensual de esta última es de 2 mb inferior a la normal mientras los promedios de la temperatura y humedad son superiores a los términos medios en 3.0° C y 4.5 mm. respectivamente. Diciembre resulta el mes más caluroso del año.

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	- 7	-10	-	-	-	32	40	46	30	20	14	16	22	22	14
2	-	-	-	-	-	-	12	32	34	50	30	5	2	-25	-39
3	32	30	30	30	0	-10	-12	20	42	30	14	12	12	14	42
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	52	24	30	98	139	121	78	107	131	133	107	123
6	24	14	32	48	32	101	75	85	101	103	139	154	210	158	135
7	34	28	38	60	75	101	235	187	98	66	50	52	40	34	30
8	52	42	46	40	36	38	40	30	26	24	18	19	20	42	50
9	75	58	42	26	44	80	42	56	42	48	38	32	18	12	0
10	58	42	56	38	20	62	98	26	0	16	7	22	18	0	- 7
11	-	-	-	-	-	-	82	197	89	75	73	80	- 4	71	58
12	46	46	58	34	30	42	28	14	-14	34	22	-86	18	-25	-65
13	-	-	36	50	40	58	9	-14	26	46	66	46	103	78	24
14	-	-	-	-	-	38	34	28	28	54	46	46	18	-18	-27
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	22	34	73	54	46	46	44	30	50
17	-	-	-	-	-	-	-	-	121	119	54	46	20	30	30
18	42	60	58	69	69	94	91	71	16	24	-35	-45	-18	-71	-56
19	40	42	56	38	28	48	91	146	-	-	-	-	-	-20	5
20	54	56	56	48	54	50	60	14	-39	-66	-42	2	18	22	48
21	58	-44	18	32	32	-	96	87	34	14	7	36	32	26	32
22	64	52	44	44	54	56	30	22	14	0	-10	- 4	14	34	28
23	12	- 5	$\pm\infty$	9	∞	0	62	$\pm\infty$	$\pm\infty$	$\pm\infty$	$\pm\infty$	$\pm\infty$	∞	112	75
24	-	-	-	-	-	-	58	87	52	50	62	46	46	48	36
25	44	52	54	50	52	75	121	144	117	85	62	50	46	62	58
26	50	50	30	34	40	38	34	26	14	22	14	21	30	30	34
27	22	20	16	20	30	22	34	40	34	$\pm\infty$	$\pm\infty$	26	32	28	26
28	-	-	-	-	-	28	56	58	71	91	89	44	42	38	30
29	26	20	7	5	54	48	44	28	31	73	95	41	30	31	26
30	71	26	20	26	36	94	107	46	30	28	20	26	33	26	30
31	35	30	33	39	45	58	41	14	18	28	34	30	18	-	-
Prom.	38.5	34.0	42.5	49.5	48.7	78.8	117.8	111.5	85.5	69.5	67.2	68.8	79.0	74.0	68.2

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	8.95	10.09	19.04	0.88	10.81	12.16	22.97	0.89	1.42	1.65	3.07	0.86	1.90	1.81	3.71	1.05
2	14.72	13.21	27.93	1.12	9.88	8.69	18.57	1.14	2.01	1.76	3.77	1.14	1.63	1.40	3.03	1.16
3	10.13	9.29	19.42	1.11	9.47	13.54	23.01	0.69	1.47	1.68	3.15	0.88	1.38	1.82	3.20	0.76
4	5.96	9.53	15.49	0.64	7.27	7.57	14.84	0.95	0.98	1.40	2.38	0.70	1.06	1.21	2.27	0.88
5	3.70	6.46	10.16	0.57	2.29	4.19	6.48	0.54	0.27	0.39	0.66	0.69	0.50	0.51	1.01	0.98
6	1.88	4.05	5.93	0.47	6.90	7.02	13.92	0.98	0.28	0.40	0.68	0.70	1.71	1.82	3.53	0.94
7	6.35	7.04	13.39	0.90	9.77	10.00	19.77	0.97	1.17	1.07	2.24	1.09	1.36	1.51	2.87	0.90
8	10.46	11.65	22.11	0.90	6.62	7.64	14.26	0.86	1.38	1.38	2.76	1.00	1.17	1.15	2.32	1.02
9	9.56	10.82	20.38	0.87	11.61	11.39	23.00	1.03	1.39	1.46	2.85	0.95	1.67	1.54	3.21	1.08
10	5.66	6.97	12.63	0.82	11.70	12.25	23.95	0.96	1.02	1.05	2.07	0.97	1.83	1.82	3.65	1.00
11	5.86	7.74	13.60	0.76	3.85	5.34	9.19	0.72	0.84	1.09	1.93	0.77	0.62	0.86	1.48	0.72
12	2.94	3.85	6.79	0.76	3.62	4.48	8.10	0.80	0.43	0.56	0.99	0.77	0.51	0.50	1.01	1.02
13	4.60	6.28	10.88	0.96	4.40	6.79	11.19	0.66	0.71	0.80	1.51	0.89	1.00	0.86	1.86	1.16
14	3.70	5.07	8.77	0.73	9.36	9.76	19.12	0.95	0.70	0.68	1.38	1.03	1.32	1.70	3.02	0.78
15	8.30	12.45	20.75	0.67	8.08	12.42	20.50	0.65	1.13	1.63	2.76	0.69	2.17	2.02	4.19	1.07
16	5.08	6.50	11.58	0.78	3.91	4.61	8.52	0.84	0.80	0.77	1.57	1.04	0.71	0.86	1.57	0.82
17	7.30	7.83	15.13	0.93	12.34	12.38	24.72	1.00	1.00	1.18	2.18	0.85	1.42	1.60	3.02	0.89
18	6.96	9.21	16.17	0.76	6.80	8.78	15.58	0.78	1.07	1.26	2.33	0.85	1.04	0.79	1.83	1.32
19	2.54	2.19	4.73	1.17	10.61	10.29	20.90	1.02	0.31	0.36	0.67	0.86	1.51	1.68	3.19	0.90
20	11.03	13.61	24.64	0.81	9.52	8.74	18.26	1.08	1.71	1.97	3.68	0.87	1.44	1.48	2.92	0.97
21	8.86	9.46	18.32	0.94	4.77	5.54	10.31	0.86	1.44	1.48	2.92	0.97	1.01	1.46	2.47	0.69
22	10.70	10.12	20.82	1.05	12.44	9.62	22.06	1.30	1.70	1.62	3.32	1.05	1.64	1.64	3.28	1.00
23	-	-	-	-	6.90	7.54	14.44	0.91	-	-	-	-	1.06	1.10	2.16	0.96
24	7.53	14.43	21.96	0.52	5.74	6.54	12.28	0.87	1.47	1.40	2.87	1.05	0.71	0.85	1.56	0.84
25	4.60	5.37	9.97	0.86	8.31	7.54	15.85	1.11	0.73	0.86	1.59	0.85	0.73	0.86	1.59	0.85
26	10.17	11.68	21.85	0.87	8.26	10.51	18.77	0.79	1.18	1.37	2.55	0.86	1.50	1.61	3.11	0.93
27	10.00	14.99	24.99	0.66	17.84	10.78	28.62	1.65	1.26	1.53	2.79	0.82	1.17	0.90	2.07	1.30
28	3.60	4.34	7.94	0.81	7.19	6.73	13.92	1.07	1.48	1.80	3.28	0.82	0.67	0.74	1.41	0.90
29	5.42	6.84	12.26	0.80	12.06	12.28	24.34	0.98	1.27	1.01	2.35	1.18	0.72	0.98	1.70	0.73
30	12.77	13.09	25.86	0.97	1.66	1.57	3.23	1.10	1.72	1.86	3.58	0.92	1.68	1.87	3.55	0.90
31	7.60	8.32	15.92	0.91	10.22	11.23	21.45	0.91	0.35	0.24	0.59	1.46	1.02	1.08	2.10	0.94
Prom.	7.23	8.75	15.98	0.83	8.20	8.64	16.84	0.94	1.09	1.19	2.28	0.92	1.22	1.29	2.51	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
16	16	24	22	5	- 4	20	-	-		85	-98	183	2*
-18	-20	- 5	26	42	50	75	62	46		105	-169	274	2*
18	5	9	16	22	28	44	22	16		233	-∞	-	2
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
169	165	121	112	58	44	66	60	22		247	-	-	0*
128	121	101	107	50	54	40	26	20	85.8	252	-18	270	1
34	38	52	64	62	69	48	52	56	66.8	∞	-	-	0
62	73	87	107	128	103	75	87	62	54.4	206	-18	-	1
-12	-28	-	-	-	-	56	64	71		107	-54	-	2*
14	22	20	18	46	80	Ru	Ru	Ru		252	-32	284	3*
54	50	48	42	69	50	44	38	34		238	-56	294	1*
-81	-∞	-∞	-∞	- 4	12	-	-	-		128	-∞	-	2*
- 2	12	±∞	5	-	-	-	-	-		∞	-∞	-	3*
-22	- 7	23	-	-	-	-	-	-		103	-79	182	2*
-	-	-	-	-	-	-	-	-		∞	-∞	-	3*
-37	14	22	-	-	-	-	-	-		107	-106	213	1*
12	14	22	-61	-10	34	46	50	52		162	-185	347	2*
-81	-54	-35	- 7	26	9	-25	36	52		∞	-∞	-	2
14	22	26	36	64	96	82	66	54		167	-56	-	2
50	26	26	46	54	52	66	46	52		112	-∞	-	2
22	30	36	52	62	44	52	80	52		∞	-∞	-	2*
24	24	14	±∞	±∞	52	85	28	9		∞	-∞	-	3*
40	34	38	36	38	42	-	-	-		∞	-∞	-	3*
22	- 4	9	-12	-46	24	30	-10	26		∞	-199	-	2*
54	50	60	54	69	103	121	80	64	72.0	215	-	-	0
30	48	41	20	-44	-35	- 4	20	20		126	-77	-	2
18	24	24	24	32	42	26	-	-		∞	-∞	-	3*
33	40	28	42	48	20	-	-	-		130	-	-	0*
12	24	25	20	50	58	42	50	53		∞	-39	-	2
22	18	9	38	72	94	62	50	34		162	-25	-	2
-	-	-	22	38	33	22	36	31		∞	-14	-	2*
69.5	70.5	75.0	83.0	77.2	82.2	71.0	61.2	50.5	69.8				

POTENCIAL "P" volts/m			CORRIENTE VERTICAL "i" $.10^{-7}$ U.E.S.		IONES LIVIANOS					
					número "n"				velocidad	
hora iones	hora λ a.m.	hora λ p.m.	a.m.	p.m.	n^+	n^-	$n^+ + n^-$	n^+/n^-	K^+	K^-
12	12	22	1.23	2.72	859	796	1655	1.08	0.69	1.14
26	9	-14	1.13	-1.41	1247	1345	2592	0.93	0.61	0.87
5	14	14	1.47	1.49	796	1136	1932	0.70	0.24	1.12
-	-	-	-	-	226	796	1022	0.28	-	0.49
117	133	112	2.93	3.77	735	226	961	3.25	0.81	-
155	174	89	3.94	10.47	210	981	1191	0.21	0.82	1.40
50	54	42	4.03	4.02	981	964	1945	1.02	0.80	0.19
18	24	101	2.21	7.81	677	486	1163	1.39	0.53	-
34	36	-12	3.42	-1.28	920	796	1716	1.16	1.07	0.58
5	24	22	1.66	2.68	622	920	1542	0.68	0.58	-
78	85	54	5.47	2.66	610	964	1574	0.63	0.31	1.32
-22	-146	-∞	-4.82	-	224	429	653	0.52	-	0.93
50	30	±∞	1.51	-	920	907	1827	1.01	1.29	1.80
44	46	9	2.12	0.91	394	735	1129	0.54	0.43	1.88
-	-	-	-	-	920	1136	2056	0.81	0.87	0.48
44	46	30	2.41	1.57	853	610	1463	1.40	1.28	-
44	46	30	3.34	3.02	920	681	1601	1.35	-	-
-37	-56	-56	-4.35	-3.42	849	1165	2014	0.73	-	0.18
-	-	26	-	2.76	306	740	1046	0.41	-	1.74
-22	- 6	18	0.74	1.75	964	1039	2003	0.93	0.94	0.75
9	34	44	3.31	3.62	981	737	1718	1.33	0.80	0.75
- 4	- 5	26	-0.55	2.84	792	1165	1957	0.68	2.06	0.35
±∞	±∞	36	-	2.59	1044	907	1951	1.15	1.51	2.00
64	50	12	4.78	0.62	907	1100	2007	0.82	1.00	0.35
64	54	60	2.86	3.18	490	681	1171	0.72	-	0.52
14	16	52	1.36	5.39	737	981	1718	0.75	-	0.20
±∞	±∞	20	-	1.38	981	509	1490	1.93	1.41	-
73	62	26	6.77	1.22	566	551	1117	1.03	0.32	0.36
91	48	27	3.76	1.53	796	792	1588	1.00	0.75	0.90
22	22	18	2.62	2.13	1020	1190	2210	0.86	0.36	0.61
30	30	-	0.59	-	189	853	1042	0.22	-	0.86
40	32	31	2.07	2.46	733	848	1582	0.95	0.85	0.87

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	59.3	59.0	59.0	59.4	59.8	59.9	60.2	60.5	60.3	60.3	60.1	59.6	59.3	59.0	58.7
2	59.2	59.1	59.0	59.1	59.2	59.7	59.9	60.0	59.9	59.6	59.0	58.6	58.3	57.7	57.2
3	56.9	56.8	56.9	57.3	57.4	57.3	57.4	57.5	57.4	57.0	56.4	55.9	55.4	55.0	54.3
4	54.1	55.1	56.2	56.9	55.9	53.9	54.2	54.2	55.4	54.8	54.6	54.8	54.1	54.0	54.1
5	54.0	54.0	54.0	54.1	54.2	54.3	54.8	55.2	55.0	54.8	54.8	54.6	54.8	54.4	54.0
6	54.1	54.2	54.4	54.2	54.7	55.1	55.4	55.4	55.3	55.0	54.7	54.4	53.7	53.4	52.8
7	53.5	53.3	53.0	53.1	53.5	53.7	53.9	53.7	53.3	53.1	52.7	52.3	51.8	51.4	50.9
8	49.4	49.4	49.7	50.1	50.3	50.7	50.7	51.6	51.6	51.6	51.3	51.8	51.7	51.2	51.2
9	50.3	50.1	50.1	50.9	51.0	51.4	51.5	51.4	51.2	51.2	51.0	51.6	50.1	49.7	49.6
10	52.9	52.9	53.0	53.3	53.6	54.1	54.7	54.6	54.3	54.3	54.0	53.7	53.3	52.6	52.2
11	54.7	53.6	53.6	53.5	54.6	55.4	55.6	55.6	55.9	56.2	55.7	55.7	55.5	54.9	54.4
12	55.5	55.7	56.2	56.6	57.5	58.2	58.4	58.8	59.1	58.7	58.7	58.5	58.3	58.2	58.1
13	57.0	56.7	56.8	57.1	57.1	57.4	57.7	57.8	57.7	58.1	58.1	57.7	57.0	56.7	56.2
14	55.5	55.6	55.7	56.1	56.2	56.4	56.7	57.0	56.8	57.0	56.8	56.7	56.5	55.8	55.4
15	55.1	54.6	54.3	54.1	53.9	53.7	53.5	53.2	53.0	52.5	52.2	51.6	50.6	49.2	48.3
16	49.7	51.3	52.1	52.8	53.1	53.8	54.2	54.6	54.8	54.9	54.9	54.9	54.8	54.5	53.9
17	54.9	54.5	54.2	54.4	54.3	54.4	54.6	54.4	53.7	53.2	53.0	52.6	52.0	51.4	50.5
18	50.6	50.5	50.7	50.7	50.7	51.2	51.3	51.6	51.6	51.6	51.5	51.8	51.7	51.8	51.6
19	57.3	57.3	57.4	57.9	58.3	58.7	58.9	59.2	59.1	58.8	58.6	58.5	58.1	57.4	57.2
20	57.0	56.6	56.5	56.5	56.6	56.7	57.0	57.2	57.0	57.0	56.9	56.7	56.4	56.4	55.3
21	58.6	58.6	58,5	58.4	59.2	58.4	58.0	58.2	58.4	58.4	58.0	58.0	57.7	57.4	56.9
22	55.7	55.6	55.6	55.3	55.7	55.7	55.8	55.9	55.6	55.1	54.8	54.5	54.0	53.6	53.0
23	50.4	50.9	51.9	52.4	52.9	52.4	52.1	52.8	52.9	52.0	52.0	50.6	49.5	49.0	48.4
24	51.1	50.4	51.0	47.7	48.6	50.6	51.8	52.6	52.7	52.7	53.1	53.3	53.5	53.4	53.5
25	60.2	60.1	60.0	60.4	60.6	61.3	61.6	61.8	61.6	61.5	61.4	61.3	61.1	60.4	60.0
26	58.5	58.3	58.3	58.4	58.4	58.6	58.9	58.8	58.5	58.1	57.6	57.1	56.5	55.6	54.8
27	52.1	51.7	51.5	51.5	52.1	53.3	52.8	53.6	54.2	54.9	54.6	54.6	54.2	53.9	53.8
28	57.0	56.8	56.8	56.9	57.6	57.8	57.9	58.4	58.2	58.4	58.5	58.2	57.8	57.5	56.7
29	55.7	56.0	56.1	55.9	56.1	56.9	57.3	57.4	57.6	57.4	57.3	56.9	56.5	56.2	56.3
30	56.7	56.7	56.6	56.7	56.8	57.2	57.7	58.0	58.0	57.8	57.6	57.5	57.1	56.6	55.9
31	55.0	55.5	55.1	55.1	55.2	55.6	55.8	55.8	55.8	55.1	55.0	54.9	54.6	54.2	53.7
Prom	54.9	54.9	55.0	55.1	55.3	55.6	55.8	56.0	56.0	55.8	55.6	55.4	55.0	54.6	54.2

TEMPERATURA DEL AIRE

a la sombra en grados C.

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	17.7	17.5	17.0	16.6	16.1	16.9	21.0	24.9	27.4	29.1	30.4	31.4	32.1	32.4	32.0
2	19.2	18.7	17.8	17.4	16.8	18.8	22.0	25.8	27.2	28.6	30.0	31.1	31.8	32.4	32.3
3	19.5	19.4	19.0	19.0	18.3	19.6	22.8	26.0	28.9	30.9	32.2	33.2	33.5	34.0	34.1
4	23.3	22.6	23.3	22.5	22.2	21.3	23.1	26.4	21.3	21.6	27.2	28.7	28.0	24.7	20.9
5	19.6	19.1	18.8	18.4	18.0	18.7	20.9	22.9	24.1	25.0	25.6	26.2	26.1	26.0	26.0
6	21.4	21.5	21.4	21.2	21.2	21.2	22.3	23.0	23.8	25.7	26.4	26.9	27.7	28.0	28.0
7	18.8	18.1	17.7	17.5	17.4	18.7	22.1	25.2	27.7	28.9	30.5	31.5	32.5	32.8	32.7
8	24.2	23.5	22.9	22.7	22.5	23.4	25.0	26.2	27.2	27.9	28.3	27.8	27.7	28.2	28.6
9	21.3	21.2	21.3	21.3	22.3	22.9	25.0	27.2	28.6	30.0	31.7	33.0	34.3	35.3	35.3
10	22.1	21.5	21.3	20.5	21.3	22.6	25.8	29.0	30.5	31.8	33.0	33.6	34.3	34.6	34.6
11	22.4	21.0	21.2	21.5	21.4	21.5	22.1	23.4	24.5	25.8	26.7	28.3	29.8	31.1	31.1
12	22.4	21.8	20.0	18.3	17.6	17.7	19.4	21.8	22.8	24.7	26.6	26.7	27.2	26.2	24.9
13	18.7	18.3	17.7	17.2	16.8	17.3	19.2	20.6	21.5	22.6	23.1	23.9	25.1	26.8	26.6
14	18.5	18.0	17.8	17.8	17.6	19.2	22.4	24.3	25.7	27.8	28.7	29.7	30.8	30.8	30.5
15	21.2	20.2	19.5	19.2	18.7	19.6	22.3	24.5	25.9	27.5	28.2	29.4	30.1	31.0	30.7
16	17.3	17.4	17.5	17.5	17.5	17.6	17.9	19.0	21.2	22.8	23.9	24.8	25.9	26.0	26.3
17	14.5	13.9	12.6	11.9	11.7	13.2	16.1	19.2	21.5	24.6	26.3	27.7	28.8	29.6	29.7
18	18.8	17.3	15.6	14.6	13.4	14.6	18.9	23.8	25.6	27.5	28.7	28.0	28.7	28.6	28.7
19	14.6	12.9	12.0	11.0	10.7	11.9	15.9	19.0	21.0	22.2	23.4	24.4	24.9	25.2	24.9
20	16.2	15.9	15.8	14.7	14.8	15.7	19.3	22.2	24.3	26.3	27.6	28.6	30.1	31.0	31.1
21	23.0	22.0	20.6	20.4	20.3	20.4	21.4	25.3	27.4	29.8	31.1	31.8	34.0	34.0	34.9
22	23.7	23.5	23.1	22.4	21.4	23.4	26.0	27.9	30.3	32.1	33.0	34.2	33.3	32.9	32.2
23	24.4	23.8	24.1	22.7	22.5	21.4	21.7	21.8	21.6	21.5	21.1	21.2	23.3	25.8	26.7
24	18.3	18.1	18.0	17.8	18.3	18.2	18.4	19.8	20.8	21.3	22.4	23.2	24.7	26.2	26.2
25	15.7	14.5	13.2	11.2	10.2	12.0	16.3	19.5	21.4	22.5	23.3	23.7	24.4	25.0	25.7
26	18.4	18.1	17.7	16.8	16.0	16.4	17.1	19.8	21.7	23.3	25.0	25.6	25.6	26.3	26.4
27	20.4	20.1	19.6	19.7	20.1	21.0	22.4	23.4	23.2	22.6	21.7	26.3	28.3	30.2	30.5
28	17.8	17.5	16.8	16.3	15.4	15.4	20.1	22.2	23.5	25.0	25.8	27.2	28.2	28.6	28.8
29	19.1	18.1	17.2	16.5	18.5	18.6	19.8	22.9	24.7	26.3	27.2	28.7	28.8	31.0	30.0
30	19.6	19.0	18.3	17.7	17.0	17.4	22.7	26.4	28.5	30.3	31.3	32.4	33.4	34.2	34.2
31	21.3	21.9	20.5	19.8	19.9	20.0	22.5	25.4	27.5	28.7	29.3	29.6	31.2	32.2	33.1
Prom	19.8	19.2	18.7	18.1	17.9	18.6	21.0	23.5	24.9	26.3	27.4	28.4	29.2	29.7	29.6

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Promedio	
58.7	58.7	58.8	59.0	59.3	59.5	59.4	59.5	59.3	60.5	8	58.7	15-17	1.8	759.4 mm.	1012.5 mb.
56.6	56.4	56.4	56.8	57.0	57.5	57.5	57.5	57.0	60.0	8	56.4	17-18	3.6	58.3	1011.0
54.0	53.9	53.9	53.9	54.2	54.7	54.6	54.7	54.2	57.5	8	53.9	17-19	3.6	55.7	1007.6
53.2	52.7	53.1	53.5	53.9	54.3	54.4	54.3	54.1	56.9	4	52.7	17	4.2	54.4	1005.8
54.0	53.9	53.8	53.8	53.8	54.0	54.1	54.0	54.1	55.2	8	53.8	18-20	1.4	54.3	1005.7
52.7	52.5	52.6	52.8	53.0	53.5	53.6	53.5	53.4	55.4	7-8	52.5	17	2.9	53.9	1005.2
50.4	49.9	49.8	49.8	50.0	50.2	50.0	49.9	49.7	53.9	7	49.7	24	4.2	51.8	1002.4
49.9	49.1	49.5	49.4	50.0	50.6	50.7	50.6	50.6	51.8	12	49.1	17	2.7	50.5	1000.6
49.5	49.6	49.8	50.1	50.9	51.8	52.5	52.6	52.7	52.7	24	49.5	16	3.2	50.9	1001.2
51.9	51.7	51.5	51.9	52.1	52.4	53.2	53.3	53.4	54.7	7	51.5	18	3.2	53.1	1004.1
54.1	54.0	54.3	54.4	54.6	55.4	55.6	55.6	55.9	56.2	10	53.5	4	2.7	55.0	1006.6
57.7	57.0	57.0	57.2	57.4	57.7	57.7	57.5	57.4	59.1	9	55.5	1	3.6	57.6	1010.1
56.1	56.2	55.0	55.0	55.0	55.5	55.7	55.7	55.6	58.1	10-11	55.0	18-20	3.1	56.6	1008.8
55.0	54.5	54.4	54.6	55.0	55.2	55.5	55.5	55.3	57.0	8,10	54.4	18	2.6	55.8	1007.7
47.7	46.4	46.6	49.3	51.6	51.8	52.8	50.9	50.0	55.1	1	46.4	17	8.7	51.5	1002.0
53.7	53.6	53.5	53.9	54.3	54.7	55.0	55.1	54.9	55.1	23	49.7	1	5.4	53.9	1005.2
50.1	49.3	49.5	49.6	50.0	50.7	50.7	50.8	50.8	54.9	1	49.3	17	5.6	52.2	1002.9
51.6	52.0	52.5	53.4	54.2	55.1	57.0	57.2	57.2	57.2	23-24	50.5	2	6.7	52.5	1003.3
56.5	56.4	56.3	56.3	56.4	56.8	56.8	57.1	57.0	59.2	8	56.3	18-19	2.9	57.6	1010.1
54.8	54.2	54.0	54.6	55.4	55.8	56.1	56.9	57.1	57.2	8	54.0	18	3.2	56.2	1008.2
56.7	56.6	56.5	56.4	56.6	56.5	56.6	56.3	56.1	59.2	5	56.1	24	3.1	57.5	1010.0
52.5	52.2	52.3	52.7	52.8	52.7	52.2	51.1	50.3	55.9	8	50.3	24	5.6	54.0	1005.3
47.9	47.1	46.6	46.5	46.6	46.4	47.6	48.9	50.3	52.9	5,9	46.4	21	6.5	49.9	999.8
54.0	53.6	55.2	56.4	57.8	58.6	58.8	59.5	60.0	60.0	24	47.7	4	12.3	53.8	1005.0
59.3	59.2	59.2	59.0	59.0	59.2	59.3	59.2	59.0	61.8	8	59.0	19-20,24	2.8	60.2	1013.6
54.3	53.6	53.5	53.5	53.5	53.4	53.2	52.9	52.6	58.9	7	52.6	24	6.3	56.1	1008.1
53.8	53.8	54.0	54.6	55.0	55.6	56.3	56.6	56.9	56.9	24	51.5	3-4	5.4	54.0	1005.3
56.2	55.9	55.8	55.6	55.3	55.5	55.8	55.9	55.8	58.5	11	55.3	20	3.2	56.9	1009.2
55.9	55.6	55.6	55.8	55.8	56.3	56.6	56.7	56.6	57.6	9	55.6	17-18	2.0	56.4	1008.5
55.5	55.0	55.0	54.9	55.0	55.0	55.2	55.3	55.3	58.0	8-9	54.9	19	3.1	56.4	1008.5
53.6	53.6	53.5	53.6	53.8	54.0	54.5	54.6	54.6	55.8	7-9	53.5	18	2.3	54.7	1006.2
53.8	53.5	53.5	53.8	54.2	54.5	54.8	54.8	54.8	56.9		52.8		4.1	54.9	1006.5

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
31.3	30.3	28.8	25.7	22.9	21.7	20.9	20.0	19.7	32.4	14	16.1	5	16.3	24.3
31.8	31.0	29.0	26.0	23.8	22.2	19.7	19.2	19.6	32.4	14	16.8	5	15.6	24.7
33.7	33.0	31.2	28.6	27.0	25.6	25.5	24.6	24.0	34.1	15	18.3	5	15.8	26.8
22.4	24.9	25.0	23.4	21.8	21.2	20.7	20.1	19.6	28.7	12	19.6	24	9.1	23.2
25.9	25.9	24.5	23.4	21.8	21.3	21.2	21.2	21.3	26.2	12	18.0	5	8.2	22.6
27.6	26.5	25.2	23.3	21.6	20.6	20.0	19.0	18.7	28.0	14-15	18.7	24	9.3	23.4
32.1	32.2	30.4	27.8	26.1	25.2	24.7	24.4	24.2	32.8	14	17.4	5	15.4	25.8
27.8	27.0	26.5	25.3	24.2	23.0	21.9	21.3	21.3	28.6	15	21.3	23-24	7.3	25.2
34.7	32.9	32.0	29.9	27.2	26.0	25.0	23.9	23.2	35.3	14-15	21.2	2	14.1	27.7
34.2	33.6	33.0	30.6	27.8	27.0	27.3	23.6	21.9	34.6	14-15	20.5	4	14.1	28.2
30.8	29.8	28.2	26.6	24.7	23.7	23.5	23.1	22.4	31.1	14-15	21.0	2	10.1	25.2
24.1	23.4	22.4	21.3	20.6	20.4	20.2	20.2	19.8	27.2	13	17.6	5	9.6	22.1
25.7	24.8	22.3	21.9	21.2	20.2	20.3	19.6	18.8	26.8	14	16.8	5	10.0	21.3
29.4	29.0	27.6	25.7	23.8	23.0	22.5	22.0	21.5	30.8	13-14	17.6	5	13.2	24.3
30.6	30.0	28.0	25.3	19.1	18.1	17.5	17.5	17.2	31.0	14	17.2	24	13.8	23.8
23.4	22.4	21.5	20.0	19.0	18.3	17.8	16.9	16.3	26.3	15	16.3	24	10.0	20.3
29.8	29.5	27.6	25.4	23.6	23.1	23.2	22.0	19.4	29.8	16	11.7	5	18.1	21.9
28.2	27.3	25.9	24.3	22.0	20.7	16.9	15.7	15.2	28.7	11,13,15	13.4	5	15.3	22.0
24.7	24.4	23.3	21.7	19.4	17.9	16.8	16.5	16.3	25.2	14	10.7	5	14.5	19.0
31.2	30.5	29.2	26.6	24.6	23.7	23.0	23.0	23.0	31.2	16	14.7	4	16.5	23.7
31.7	31.4	29.9	28.7	26.2	25.6	25.0	24.5	24.4	34.9	15	20.3	5	14.6	26.8
32.6	32.2	30.6	28.9	26.4	25.8	25.9	24.4	24.4	34.2	12	21.4	5	12.8	27.9
27.1	27.0	26.4	25.2	24.3	24.2	24.2	19.2	18.2	27.1	16	18.2	24	8.9	23.3
26.1	25.2	23.6	21.6	20.0	18.5	17.8	17.3	16.8	26.2	14-15	16.8	24	9.4	20.8
25.8	26.2	22.8	21.0	18.1	17.1	17.1	17.6	18.1	26.2	17	10.2	5	16.0	19.3
26.5	26.7	26.1	25.3	23.6	22.7	21.8	21.4	20.9	26.7	17	16.0	5	10.7	22.0
30.4	30.1	29.3	25.7	21.6	19.5	19.5	19.6	19.3	30.5	15	19.3	24	11.2	23.5
29.4	28.3	27.5	24.4	22.2	21.3	21.0	20.6	20.1	29.4	16	15.4	5-6	14.0	22.6
30.0	29.9	30.4	27.2	25.4	24.2	22.6	21.3	20.8	31.0	14	16.5	4	14.5	24.1
33.8	33.5	31.8	27.7	25.0	24.1	23.1	22.3	21.1	34.2	14-15	17.0	5	17.2	26.0
33.1	32.9	30.6	28.5	24.6	22.6	22.4	21.0	19.9	33.1	15-16	19.8	4	13.3	25.8
29.2	28.8	27.4	25.4	23.2	22.2	21.6	20.7	20.2	30.2		17.3		12.9	23.8

HUMEDAD RELATIVA en %

DÍAS	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1	78	79	81	84	85	83	68	55	49	42	40	37	28	30	33
2	84	86	88	90	88	71	60	50	46	41	36	30	30	19	17
3	65	65	68	73	81	78	68	56	47	42	41	37	33	32	32
4	70	72	64	68	71	83	83	65	86	89	61	53	61	75	91
5	96	97	98	99	100	98	92	81	75	69	66	61	62	57	53
6	88	87	88	92	92	93	84	77	71	66	67	60	54	59	56
7	99	99	99	100	100	99	89	79	66	60	57	46	40	39	42
8	71	71	77	81	85	83	73	72	67	64	62	60	57	53	51
9	92	95	96	95	83	78	70	62	58	54	52	48	41	38	36
10	90	95	96	100	100	83	62	39	31	27	28	25	24	25	28
11	84	93	94	94	94	94	94	86	75	69	67	62	58	52	50
12	92	68	63	84	83	80	72	62	55	51	41	45	51	55	56
13	67	69	67	70	70	63	59	62	60	55	56	53	46	42	46
14	100	100	100	100	100	100	84	74	70	61	53	48	46	43	39
15	65	61	80	86	85	83	71	59	53	44	41	33	31	28	34
16	92	96	95	92	90	90	88	77	54	39	39	38	38	37	34
17	75	85	88	87	88	78	62	50	47	41	33	30	27	26	29
18	90	95	96	96	96	96	77	42	31	25	21	26	22	21	22
19	79	85	92	93	92	82	66	44	31	28	23	23	23	23	20
20	72	73	72	74	73	72	60	48	44	39	38	38	37	35	37
21	66	74	84	83	81	82	76	59	52	43	45	33	29	29	29
22	82	86	81	82	86	58	42	42	35	31	28	27	29	28	30
23	82	74	70	77	82	91	90	91	91	91	91	91	86	69	65
24	97	98	97	98	92	93	94	87	82	76	72	66	52	48	48
25	54	56	63	77	85	71	64	50	25	22	22	23	22	22	22
26	63	66	75	66	61	60	59	57	55	52	50	45	46	48	48
27	74	76	80	80	77	77	77	77	71	72	84	57	51	44	42
28	90	91	90	91	93	95	69	59	52	44	33	33	39	40	41
29	82	88	94	94	63	62	59	52	51	50	49	46	45	37	43
30	96	98	97	96	96	96	78	47	39	34	31	27	27	20	21
31	51	50	60	69	77	81	78	70	61	58	56	53	44	37	36
Prom.	80	82	84	86	85	82	73	62	56	51	48	44	41	39	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	11.5	11.5	11.5	11.5	11.0	11.5	12.5	12.9	13.0	12.5	12.0	12.5	9.5	10.8	11.5
2	13.5	14.0	13.0	12.5	12.0	11.5	11.0	12.5	12.5	12.0	11.5	9.0	9.5	7.0	6.4
3	10.5	10.5	11.0	11.5	12.5	13.0	13.5	14.0	14.0	14.0	15.0	14.0	12.5	13.0	13.0
4	14.0	14.5	13.0	13.5	14.0	15.5	17.0	16.6	16.5	16.5	16.5	15.0	17.5	17.3	16.5
5	16.5	16.0	15.5	15.0	15.0	15.5	17.0	16.8	16.0	15.5	16.5	15.5	15.5	14.4	13.0
6	16.5	16.5	16.5	17.0	17.0	17.0	16.5	16.2	15.5	16.5	17.0	15.0	14.5	16.7	16.0
7	15.5	15.0	14.5	14.5	14.0	15.5	17.0	18.8	18.5	17.0	18.5	16.0	13.5	14.5	15.5
8	16.0	15.5	16.0	16.5	16.5	17.5	17.0	18.2	18.0	17.5	17.5	16.0	15.5	15.0	15.0
9	17.0	17.0	18.0	17.0	16.5	16.0	15.5	16.6	16.5	16.5	18.0	17.5	17.0	16.2	16.0
10	17.0	17.5	18.0	17.5	18.0	16.5	15.5	11.6	10.5	9.5	10.0	8.5	9.0	10.1	11.0
11	16.5	17.0	17.0	17.5	17.5	17.5	18.0	18.5	16.5	16.5	17.5	17.5	18.0	17.4	16.0
12	18.5	13.0	10.5	12.5	12.0	11.5	12.0	12.1	10.5	12.0	11.0	11.0	14.0	13.9	13.5
13	10.5	10.5	10.0	9.5	9.5	9.0	9.5	11.3	11.0	10.5	12.0	11.5	11.0	11.1	12.0
14	15.5	15.0	14.5	14.5	14.5	16.0	16.5	16.6	16.5	17.0	15.5	14.5	15.5	14.2	12.0
15	11.5	11.0	13.0	14.5	13.0	13.5	14.5	13.5	13.0	11.5	12.0	10.0	10.0	9.3	10.5
16	13.5	14.0	13.5	13.5	13.0	13.0	13.0	12.6	9.5	7.8	8.0	8.5	9.0	9.2	8.0
17	8.5	9.5	9.5	9.0	8.5	8.5	8.5	8.2	9.0	9.5	8.0	7.6	8.0	7.9	8.5
18	14.0	13.5	12.5	12.0	11.0	12.0	12.5	9.4	7.8	6.2	6.6	7.8	6.6	6.4	6.6
19	9.5	9.0	9.5	9.0	8.5	8.5	9.0	7.4	6.0	5.4	4.8	5.2	5.2	5.6	4.2
20	9.5	9.5	9.5	9.0	9.0	9.5	9.5	9.4	9.5	9.5	10.0	11.0	11.5	11.7	12.5
21	14.0	14.0	14.5	14.5	14.5	14.5	14.5	14.4	14.0	13.0	14.0	11.5	11.0	11.8	11.5
22	18.0	18.5	17.0	16.5	16.5	12.0	10.5	11.9	10.5	11.5	10.0	11.0	10.5	10.3	10.0
23	18.5	15.5	15.0	15.5	16.5	17.5	16.5	17.7	17.5	17.5	17.0	17.0	18.5	15.1	16.0
24	15.0	15.0	15.0	14.5	14.5	14.0	14.5	14.9	15.0	14.5	14.5	14.0	12.0	12.3	12.0
25	7.0	7.0	7.0	7.6	7.6	7.6	8.5	8.6	4.2	4.6	4.8	5.0	5.2	5.4	5.6
26	9.5	10.0	10.5	9.5	8.5	7.8	8.0	9.8	10.0	11.0	11.0	10.0	11.5	12.4	12.0
27	12.5	13.5	13.0	13.0	13.5	14.0	15.5	16.3	15.0	14.5	15.5	14.5	15.0	14.1	13.5
28	13.0	13.5	12.0	12.5	12.0	12.0	11.5	11.8	11.0	10.0	8.0	8.5	10.5	11.8	12.5
29	13.5	13.5	13.5	12.5	9.5	10.0	9.5	10.7	12.0	12.0	12.5	13.5	12.5	12.4	13.0
30	16.5	15.5	15.0	14.5	14.0	14.0	15.5	12.1	10.5	10.5	11.0	10.0	10.5	8.0	9.0
31	9.5	9.0	10.0	11.5	13.0	14.0	15.5	16.9	17.0	16.5	17.5	16.0	14.5	13.4	14.0
Prom.	13.6	13.4	13.2	13.2	13.0	13.1	13.4	13.5	12.8	12.6	12.7	12.1	12.1	11.9	11.8

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

16h	17h	18h	19h	20h	21h	22h	23h	24h	Máx.	Hora	Mín.	Hora	Ampl.	Prom.
12.5	12.0	12.5	14.0	14.9	15.0	14.0	14.0	14.0	15.0	21	9.5	13	5.5	12.4
7.8	9.0	11.0	13.0	15.4	15.0	14.5	15.0	11.5	15.4	20	6.4	15	9.0	11.7
12.5	12.0	14.0	15.0	15.4	15.0	16.0	16.5	16.0	16.5	23	10.5	1-2	6.0	13.5
17.5	17.0	17.0	16.5	17.3	17.0	16.5	16.0	15.5	17.5	13,16	13.0	3	4.5	16.0
13.0	14.0	14.0	14.5	14.6	14.5	14.5	15.5	15.5	17.0	7	13.0	15-16	4.0	15.2
14.0	14.5	13.5	14.0	15.4	15.5	16.0	15.5	15.5	17.0	4-6,11	13.5	18	3.5	15.8
17.0	15.0	15.0	16.0	18.2	18.5	18.0	17.5	17.0	18.8	8	13.5	13	5.3	16.3
14.5	15.0	16.0	17.0	16.5	16.0	16.0	16.5	16.5	18.2	8	14.5	16	3.7	16.3
15.5	14.0	15.0	16.5	14.7	14.0	17.0	17.0	18.5	18.5	24	14.0	17,21	4.5	16.4
11.0	12.5	14.0	15.5	16.8	16.5	16.5	16.5	17.0	18.0	3,5	8.5	12	9.5	14.0
17.0	17.0	17.5	18.5	18.7	18.0	17.5	18.0	18.5	18.7	20	16.0	15	2.7	17.5
11.5	10.0	10.5	10.5	11.0	12.0	11.5	11.5	12.5	18.5	1	10.0	17	8.5	12.0
12.5	13.0	15.5	16.0	15.9	15.0	16.0	16.5	15.5	16.5	23	9.0	6	7.5	12.3
13.0	12.5	13.0	14.0	14.8	15.0	14.5	13.0	12.5	17.0	10	12.0	15	5.0	14.6
12.0	13.5	12.0	12.5	14.4	14.0	13.5	13.5	13.5	14.5	4,7	9.3	14	5.2	12.5
12.0	12.5	11.5	11.5	11.7	11.0	11.0	11.0	10.0	14.0	2	7.8	10	6.2	11.2
10.0	10.0	9.0	10.0	11.9	13.0	14.0	15.0	14.5	15.0	23	7.6	12	7.4	9.8
6.4	6.0	5.6	5.0	7.3	7.6	8.5	9.0	9.0	14.0	1	5.0	19	9.0	8.7
5.2	5.2	5.8	6.2	9.2	9.5	8.5	9.0	9.0	9.5	1,3,21	4.2	15	5.3	7.3
12.5	13.5	15.5	14.5	15.9	18.0	16.0	15.0	14.0	18.0	21	9.0	4-5	9.0	11.9
14.5	14.5	15.0	15.5	16.7	16.5	17.0	17.5	17.5	17.5	23-24	11.0	13	6.5	14.4
12.0	13.5	15.5	15.5	14.5	15.5	14.0	15.0	18.5	18.5	2,24	10.0	11,15	8.5	13.7
16.5	16.5	18.5	19.5	19.5	19.5	19.5	16.0	15.0	19.5	19-22	15.0	3,24	4.5	17.2
9.5	6.6	7.0	5.2	5.6	6.0	6.4	7.0	7.4	15.0	1-3,9	5.2	19	9.8	11.4
4.4	5.6	6.8	8.5	9.2	9.5	10.5	10.0	11.0	11.0	24	4.2	9	6.8	7.1
12.0	12.0	13.0	13.5	14.8	14.5	14.0	12.5	13.0	14.8	20	7.8	6	7.0	11.3
10.5	10.0	11.0	12.5	11.6	12.0	14.5	14.5	13.5	16.3	8	10.0	17	6.3	13.5
10.0	10.5	11.5	12.0	12.(	15.5	15.0	14.5	13.5	15.5	21	8.0	11	7.5	11.9
13.5	14.5	15.0	16.5	18.6	18.5	18.5	18.0	16.5	18.6	20	9.5	5,7	9.1	13.8
8.5	10.5	9.5	10.0	10.4	10.5	14.0	15.5	13.5	16.5	1	8.0	14	8.5	12.0
14.0	12.0	13.5	16.5	16.6	16.5	18.5	17.0	16.0	18.5	22	9.0	2	9.5	14.5
12.0	12.1	12.7	13.4	14.2	14.3	14.6	14.5	14.2	16.4		9.8		6.6	13.1

VIENTO: DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

HORAS / DÍAS	0 — 1		1 — 2		2 — 3		3 — 4		4 — 5		5 — 6		6 — 7		7 — 8		8 — 9		9 — 10		10 — 11		11 — 12		12 — 13		13 — 14		14 —
	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	VELOC.	DIREC.	V
1	NW	6	NW	8	NW	8	NW	8	NW	6	NW	6	NW	8	NW	7	NW	12	NW	13	NW	12	N	9	N	10	N	10	N	
2	N	9	N	9	N	9	N	9	N	9	N	13	N	15	N	18	N	16	N	18	N	15	N	19	N	19	N	21	N	
3	N	9	NE	11	N	10	NE	14	N	10	NE	10	N	13	N	19	N	14	N	15	N	18	N	17	N	16	N	16	N	
4	N	8	N	9	SW	25	SW	15	SW	9	S	10	S	3	N	7	NE	12	NE	12	NE	10	NE	7	E	10	E	14	SE	
5	SE	7	SE	3	SE	4	SE	4	SE	4	SE	5	SE	6	E	7	E	11	E	12	E	16	NE	13	NE	12	E	12	E	
6	E	6	E	6	E	5	E	5	E	6	E	3	E	6	E	8	E	8	E	11	NE	13	NE	12	E	11	NE	11	NE	
7	E	4	SE	4	SE	4	SE	4	SE	3	SE	4	SE	3	E	5	NE	5	N	7	N	7	NW	7	N	6	N	7	N	
8	NE	11	N	16	N	17	N	14	NE	15	NE	16	N	18	NW	15	SW	12	SW	7	S	9	S	9	S	8	S	8	S	
9	SE	5	SE	3	E	5	E	5	NE	8	N	9	N	16	s/R	19	s/R	-	s/R	-	s/R	-	s/R	8	s/R	7	s/R	7	s/R	
10	s/R	3	s/R	3	s/R	3	s/R	3	s/R	7	s/R	6	s/R	7	s/R	14	s/R	16	s/R	11	s/R	9	s/R	6	s/R	4	s/R	6	s/R	
11	s/R	9	s/R	13	s/R	4	s/R	3	s/R	4	s/R	4	s/R	2	s/R	7	s/R	11	s/R	10	s/R	7	s/R	5	s/R	6	s/R	3	s/R	
12	Calma	1	s/R	4	s/R	6	s/R	8	s/R	9	s/R	9	s/R	10	s/R	13	s/R	-	s/R	14	s/R	11	s/R	13	s/R	9	s/R	15	s/R	
13	s/R	12	s/R	13	s/R	16	s/R	10	s/R	11	s/R	11	s/R	19	s/R	23	s/R	-	s/R	-	s/R	-	s/R	-	SE	-	SE	-	S	
14	SE	4	S	4	S	5	SE	3	E	4	E	3	NE	8	NE	7	NE	8	E	5	E	5	E	7	E	5	E	6	NE	
15	NE	16	NE	12	NE	12	NE	9	NE	11	NE	14	NE	19	NE	20	N	22	N	24	N	26	N	25	N	25	N	28	N	
16	E	6	E	4	SW	6	SW	7	S	6	S	6	S	8	S	14	S	13	S	16	S	13	S	13	SE	10	SE	10	SE	
17	NE	6	NE	4	N	8	N	10	N	9	N	11	N	15	N	15	N	17	N	18	NW	22	NW	21	NW	19	W	21	NW	
18	SW	4	W	4	W	4	SW	2	NE	3	W	3	NW	8	NW	11	W	15	W	17	W	18	SW	20	SW	20	SW	22	SW	
19	SE	5	SE	2	SE	2	SE	4	SE	3	SE	3	SE	5	E	6	E	7	E	6	SE	8	N	7	NE	11	NE	17	NE	
20	NE	9	NE	10	NE	10	NE	9	NE	12	NE	12	NE	18	N	28	N	26	N	27	N	28	N	23	N	23	N	19	N	
21	SE	7	S	15	S	10	SE	7	SE	5	SW	6	NE	8	E	12	NE	17	NE	17	N	18	N	15	NW	10	SW	5	S	
22	E	2	E	3	E	6	NE	4	NE	5	NE	8	NE	15	NE	16	N	16	N	18	N	20	N	19	N	18	N	14	NW	
23	E	4	S	6	NE	9	SW	4	W	3	S	2	S	2	NW	3	NW	5	W	3	SW	2	SE	2	NE	10	NE	16	NE	
24	SE	12	SE	9	SE	7	NE	11	NE	17	SW	9	SW	6	SW	9	SW	11	SW	12	SW	9	S	9	S	12	S	10	S	
25	S	10	S	7	S	3	Calma	1	S	2	S	3	SE	2	SE	6	SE	4	SE	7	E	5	SE	5	S	5	S	4	SW	
26	E	7	NE	7	NE	5	NE	14	NE	17	NE	17	NE	20	N	20	N	32	N	27	N	23	N	24	N	25	N	27	N	
27	N	6	N	10	N	9	N	11	NW	11	W	10	W	7	W	6	W	9	NW	15	NW	13	NW	9	SW	8	SW	6	C	
28	SE	6	SE	6	SE	6	E	4	E	4	E	2	NE	10	NE	16	NE	15	NE	12	NE	12	NE	12	NE	12	N	12	NE	
29	E	5	E	5	S	3	NE	6	NE	10	NE	13	NE	15	N	23	N	21	N	19	NW	17	NW	13	NW	12	NW	9	NW	
30	NE	2	SE	3	Calma	0	Calma	0	Calma	0	E	3	NE	4	NE	8	NE	8	NE	12	N	9	NE	9	NE	10	NE	10	N	
31	NE	9	NE	12	NE	11	NE	9	NE	9	NE	8	NE	9	NE	14	NE	17	NE	14	N	15	NW	14	NW	12	NW	14	NW	
DIRECCIÓN PREVALENTE	E		NE-SE		N-NE -SE		NE		NE		NE		NE		N		N		N		N		N		N		N		N	
NUMERO DE HORAS	7		6		5		8		9		8		10		7		8		9		10		9		8		9		8	
PROM. HOR. DE LA VELOCIDAD		7		7		8		7		7		8		10		12		14		14		14		13		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
N	12	N	13	N	16	N	10	N	8	N	4	N	5	N	6	N	7	N	13	9	17	NW	8.46
N	21	N	18	NE	14	NE	8	NE	7	NE	5	E	3	NE	5	N	8	N	18	13	28	N	13.36
N	16	N	16	NE	15	NE	12	NE	9	NE	6	NE	10	NE	9	NE	6	N	14	13	23	NW	13.36
SE	9	NE	7	NE	8	E	6	E	9	E	6	E	8	E	5	SE	5	NE E	7	9	49	SW	8.50
E	7	E	5	E	7	E	7	E	7	E	6	E	6	E	8	E	6	E	15	7	15	E	3.32
NE	13	NE	12	E	13	E	9	E	7	SE	4	SE	4	SE	4	E	4	E	15	8	11	NE NE	11.10 15.11
N	9	N	9	NE	11	NE	9	NE	10	NE	9	NE	9	NE	9	NE	9	NE	8	7	7	N	15.52
NE	8	N	11	NE	7	E	4	SE	3	S	2	Calma	1	SE	3	SE	3	S	6	9	20	N	6.40
s/R	10	s/R	7	s/R	6	s/R	4	s/R	8	s/R	6	s/R	5	s/R	3	s/R	4	–	–	–	13	N	6.26
s/R	6	s/R	6	s/R	4	Calma	1	s/R	4	s/R	2	s/R	7	s/R	16	s/R	13	–	–	–	–	–	–
s/R	3	s/R	10	s/R	12	s/R	9	s/R	10	s/R	8	s/R	4	s/R	4	s/R	2	–	–	–	–	–	–
s/R	17	s/R	19	s/R	19	s/R	15	s/R	13	s/R	13	s/R	14	s/R	14	s/R	14	–	–	–	–	–	–
S	–	S	–	SE	–	E	–	E	–	E	–	s/R	–	SE	3	SE	4	–	–	–	–	–	–
E	11	NE	13	E	10	NE	9	E	12	E	10	E	11	E	11	NE	14	E	13	8	19	NE	2.34 2.36
N	26	N	–	N	19	N	11	S	24	S	14	S	11	S	6	NE	10	N	10	18	55	SW	19.00
E	18	E	17	E	15	E	12	E	11	E	10	NE	9	NE	10	NE	11	E S	8	11	26	SE	9.08
NW	19	NW	21	NW	19	W	12	NW	7	NW	4	W	6	W	6	W	7	NW	9	13	28	NW	12.22
SW	20	SW	19	S	15	S	13	S	6	S	9	SE	17	SE	10	SE	8	SW	8	12	34	SW SW	13.32 16.12
N	16	NE	12	NE	12	NE	9	NE	8	NE	8	NE	8	NE	8	NE	7	NE	11	8	19	NE	14.11
NE	11	NE	13	NE	10	NE	8	NE	7	NE	10	NE	9	E	9	SE	8	NE	14	15	35	S	9.28
N	10	N	15	N	10	N	4	NE	2	NE	4	SE	2	NE	3	E	4	N NE	6	9	24	SW	1.14
W	5	SW	3	Calma	1	E	2	E	5	E	5	E	6	N	8	NE	12	N E		9	25	SE	12.04
NE	17	NE	18	E	13	E	10	E	9	E	6	SE	10	SW	27	S	20	NE	6	9	56	SW	22.06
S	12	S	14	S	17	S	19	S	21	S	9	S	6	S	4	S	8	S	13	11	36	SW	19.08
S	3	S	4	NE	4	NE	8	NE	6	NE	5	NE	4	NE	5	NE	7	S	9	5	14	SW	0.30
N	21	N	19	N	13	N	11	N	11	N	10	N	9	N	10	N	8	N	17	17	31	N	12.04
SW	7	SW	4	SE	5	SE	3	Calma	1	Calma	0	SE	9	E	9	E	9	SW	5	8	27	N	10.12
NE	11	N	10	NE	11	E	11	E	12	E	11	E	8	E	6	E	9	NE	10	10	19	NE	6.49 6.51
NW	8	W	3	W	3	Calma	0	NE	3	Calma	1	Calma	1	NE	3	NE	4	NE	7	9	28	N	7.43
NE	10	NE	10	E	10	E	10	E	8	E	8	E	8	E	7	NE	9	NE	11	7	15	NE	13.50
W	9	NW	9	NW	7	NW	4	NW	5	NW	5	NW	5	NW	4	W	4	NW	11	10	18	N	10.05
N		N		NE		E		E		E		E		NE		NE		PREVALENCIA MENSUAL		VELOCIDAD MEDIA HORARIA EN EL MES	MÁXIMA DEL MES		
																		Dirección	Horas		36 Km.		
8		8		9		9		9		8		7		8		10		NE	161	10	DIRECCIÓN	DÍA	HORA
	13		11		11		8		8		6		7		7		8				N	26	de 8.15 a 8.30

FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCION

DÍAS	NORTE		NORESTE		ESTE		SUDESTE		SUD		SUDOESTE		OESTE		NOROESTE		Calma	TOTALES DIARIOS DE KILÓMETROS
	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	KILÓM. RECOR.	Nº DE HORAS	
1	13	122													11	94		216
2	18	270	5	39	1	3												312
3	14	206	10	102														308
4	3	24	7	65	7	58	2	15	2	13	3	49						224
5			2	25	15	127	7	33										185
6			6	73	15	108	3	12										193
7	7	52	8	71	2	9	6	22							1	7		161
8	5	76	5	57	1	4	3	9	6	40	2	19			1	15	1	221
9																		-
10																		-
11																		-
12																		-
13																		-
14			7	71	13	100	2	7	2	9								187
15	10	235	9	123					4	55								413
16			3	30	8	93	3	30	8	89	2	13						225
17	8	103	2	10									5	52	9	151		316
18			1	3			3	35	4	43	8	125	6	61	2	19		286
19	2	23	11	116	3	19	8	32										190
20	8	186	14	148	1	9	1	8										351
21	6	72	6	51	2	16	4	21	3	29	2	11			1	10		210
22	7	113	6	60	7	29					1	3	1	5	1	9	1	220
23			6	88	5	42	2	12	4	30	3	33	2	6	2	8		219
24			2	28			3	28	13	151	6	56						263
25			7	39	1	5	5	24	9	41	1	5					1	115
26	17	318	6	80	1	7												405
27	4	36			2	18	3	17			5	35	4	32	4	48	2	187
28	2	22	10	123	9	67	3	18										230
29	3	63	7	56	2	10			1	3			2	6	6	69	3	209
30	2	21	11	92	7	54	1	3									3	170
31	1	15	10	112									2	13	11	91		231
SUMAS	130	1957	161	1662	102	778	59	326	56	503	33	349	22	175	49	521	11	6277
% PREVAL POR VELOCIDAD	31.0		26.5		12.4		5.2		8.1		5.6		2.8		8.3		0.1	VELOCIDAD MEDIA DIARIA EN EL MES
VELOCIDAD MEDIA POR DIRECCIÓN	15		10		8		5		9		10		8		11		1	241

FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

HORAS	DIRECCIONES								
	NORTE	NORESTE	ESTE	SUDESTE	SUD	SUDOESTE	OESTE	NOROESTE	CALMA
0 - 1	4	6	7	6	1	1		1	
1 - 2	4	6	4	6	4		1	1	
2 - 3	5	5	2	5	4	2	1	1	1
3 - 4	4	8	2	5		4		1	2
4 - 5	3	9	3	4	2	1	1	2	1
5 - 6	2	8	4	3	4	2	2	1	
6 - 7	4	10	1	4	3	1	1	2	
7 - 8	7	6	5	1	1	1	1	4	
8 - 9	8	7	3	1	1	2	2	2	
9 - 10	9	5	4	1	1	2	2	2	
10 - 11	10	3	3	1	2	2	1	4	
11 - 12	9	5	1	2	3	1		5	
12 - 13	8	5	3	1	3	2		4	
13 - 14	9	4	3	1	3	3	1	2	
14 - 15	8	5	1	2	3	3		4	
15 - 16	8	7	3		2	2	2	2	
16 - 17	8	7	2		2	3	1	2	
17 - 18	4	9	6	1	2		1	2	1
18 - 19	4	7	9	1	2		1	1	1
19 - 20	2	8	9	1	3			2	1
20 - 21	2	7	8	1	4			2	2
21 - 22	2	6	7	5	2		1	1	2
22 - 23	3	8	7	3	2	1	1	1	
23 - 24	3	10	5	4	2		2		
SUMAS	130	161	102	59	56	33	22	49	11
% de frec. por dirección	20.9	25.8	16.4	9.5	9.0	5.3	3.5	7.8	1.8

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

RADIACIÓN SOLAR

DÍAS	Hora	BULBOS Negro °C	BULBOS Blanco °C	Calorías Gr. Cal. Cm². min.	Nubes 0 - 10	Insolación	Transparencia	Observaciones
	9	54.6	33.9	1.68	7	4	5	Js.
	10	56.1	35.5	1.67	7	4	5	Js.
1	12	58.0	37.5	1.67	8	4	5	Js.
	14	57.0	37.5	1.58	9	4	5	
	15	56.2	36.9	1.57	5	4	5	
	9	53.6	32.6	1.71	0	5	5	
	10	56.1	34.8	1.73	0	5	5	
2	12	57.6	36.6	1.71	0	5	5	
	14	57.9	37.6	1.65	0	5	5	
	15	56.7	37.0	1.60	0	5	5	
	9	55.1	35.0	1.63	0	5	5	
	10	57.5	36.6	1.70	0	5	5	
3	12	61.0	39.2	1.77	2	3	5	
	14	58.5	39.0	1.58	3	3	5	
	15	55.7	38.6	1.39	2	3	5	
	9				10	0	3	
	10	31.0	23.9	0.58	9	0	5	
4	12	57.4	35.7	1.76	7	3	5	
	14				10	0	3	LL.
	15				10	0	4	
	9	48.5	29.2	1.57	8	4	5	
	10	53.3	31.5	1.77	9	4	5	Js.
5	12	50.0	31.0	1.54	10	1	4	
	14	44.5	29.5	1.22	10	0	5	
	15	37.5	28.4	0.74	10	0	4	
	9	51.0	30.3	1.68	7	5	4	
	10	54.5	32.2	1.81	8	3	3	
6	12	53.4	32.4	1.71	4	5	4	
	14	51.8	32.8	1.54	0	5	5	
	15	50.0	32.4	1.43	0	5	5	
	9	54.2	33.5	1.68	0	5	5	
	10	56.3	35.4	1.70	0	5	5	
7	12	58.1	37.3	1.69	2	3	5	
	14	55.9	37.2	1.52	3	3	5	
	15	56.3	37.4	1.54	3	3	5	
	9	45.5	30.8	1.20	8	1	5	
	10	48.6	32.0	1.35	9	1	5	
8	12	41.6	30.0	0.94	10	0	5	
	14	45.0	31.3	1.11	10	0	5	
	15	43.5	31.2	1.00	10	0	5	
	9	54.0	34.3	1.60	0	5	5	
	10	56.2	36.0	1.64	0	5	5	
9	12	58.6	38.2	1.66	1	5	5	
	14	62.0	40.6	1.74	5	3	5	
	15	45.5	36.2	0.76	7	3	5	
	9	56.4	35.8	1.67	0	5	5	
	10	58.4	37.3	1.72	0	5	5	
10	12	59.8	39.2	1.67	0	5	5	
	14	59.8	39.6	1.64	0	5	5	
	15	57.6	39.0	1.51	1	5	5	
	9	37.4	27.4	0.81	10	0	5	
	10	43.8	30.0	1.12	10	0	5	
11	12	48.5	32.6	1.29	10	0	5	
	14	47.0	34.0	1.06	10	0	5	
	15	49.5	34.6	1.21	10	0	5	
	9	41.5	26.5	1.22	10	2	4	Ds.
	10	46.0	29.5	1.34	10	2	4	Ds.
12	12	55.1	32.9	1.80	10	2	4	
	14	45.0	29.5	1.26	10	0	4	
	15	36.5	26.5	0.81	9	0	4	
	9	49.0	27.2	1.77	9	2	5	
	10	46.2	28.0	1.48	8	1	5	
13	12	40.3	27.0	1.08	10	0	5	
	14	44.0	29.2	1.20	10	0	4	B.
	15	36.0	27.7	0.67	10	0	5	
	9	52.5	32.0	1.67	9	4	5	Ds.
	10	58.6	34.6	-	7	3	5	Ds.
14	12	53.5	25.2	1.49	8	3	5	Ds.
	14	54.4	35.4	1.54	5	3	5	
	15	50.1	33.8	1.32	10	4	4	B.
	9	52.6	32.0	1.67	0	5	5	
	10	55.0	33.7	1.73	0	5	5	
15	12	56.4	35.5	1.70	0	5	5	
	14	57.0	36.6	1.66	0	5	5	
	15	55.0	36.0	1.54	0	5	5	
	9	48.9	27.3	1.76	10	4	5	
	10	44.4	27.0	1.41	10	2	5	
16	12	49.5	29.9	1.59	10	4	5	Js.
	14	48.8	30.5	1.49	10	2	5	
	15	50.2	30.7	1.58	9	4	5	
	9	49.6	28.2	1.74	0	5	5	
	10	52.5	30.9	1.76	0	5	5	
17	12	55.1	33.9	1.72	0	5	5	
	14	55.5	35.0	1.67	0	5	5	
	15	53.5	34.5	1.54	1	5	5	
	9	53.0	31.6	1.74	3	5	5	
	10	55.7	33.6	1.80	3	5	5	
18	12	55.0	33.4	1.76	1	5	5	
	14	54.6	33.6	1.71	0	5	5	
	15	53.8	33.6	1.64	0	5	5	
	9	48.9	27.0	1.78	0	5	4	
	10	49.9	28.4	1.75	0	5	4	B.
19	12	52.1	30.5	1.76	0	5	5	
	14	52.2	30.6	1.76	0	5	5	
	15	51.3	30.4	1.70	2	4	5	
	9	50.8	30.5	1.65	0	5	5	
	10	52.0	32.0	1.63	0	5	5	
20	12	54.8	34.8	1.63	0	5	5	
	14	50.1	34.9	1.24	3	3	5	
	15	55.4	36.5	1.54	0	5	5	
	9	53.6	33.5	1.63	1	5	5	
	10	55.9	35.6	1.65	1	5	5	
21	12	56.9	37.6	1.57	7	4	5	
	14	50.2	36.8	1.09	10	1	5	
	15	54.0	38.2	1.28	10	1	5	
	9	56.6	36.2	1.66	1	5	5	
	10	60.9	39.0	1.78	4	4	5	
22	12	64.3	41.7	1.84	6	4	5	
	14	45.0	35.0	0.81	9	0	5	
	15	40.8	33.2	0.62	10	0	5	
	9				10	0	3	LL.
	10				10	0	3	LL.
23	12				10	0	4	
	14	52.0	31.1	1.70	4	3	5	
	15	50.6	30.8	1.61	2	5	4	
	9	44.6	26.4	1.48	10	1	5	
	10	38.0	24.4	1.10	10	1	5	
24	12	39.1	26.3	1.04	9	0	5	
	14	53.1	31.6	1.75	3	5	5	
	15	50.4	32.2	1.48	7	3	5	
	9	49.4	26.8	1.84	0	5	5	
	10	50.5	27.6	1.86	0	5	5	
25	12	51.5	29.5	1.79	0	5	5	
	14	51.9	29.8	1.80	0	5	5	
	15	51.4	30.0	1.74	0	5	5	
	9	49.5	27.5	1.70	7	5	5	
	10	51.0	29.3	1.76	3	5	5	
26	12	55.5	32.2	1.89	7	3	5	
	14	50.0	31.4	1.51	7	5	5	
	15	41.8	30.0	0.96	7	3	5	
	9				10	0	5	Z.
	10				10	0	4	Z.
27	12	48.6	30.2	1.50	8	2	5	
	14	58.0	35.4	1.84	9	4	5	
	15	48.7	33.1	1.27	5	2	5	
	9	50.1	29.1	1.71	0	5	5	
	10	53.0	30.6	1.82	0	5	5	
28	12	54.6	32.7	1.78	0	5	5	
	14	54.5	33.7	1.69	0	5	5	
	15	54.2	34.0	1.64	0	5	5	
	9	52.6	31.0	1.76	9	4	4	Js.
	10	47.5	30.6	1.37	10	2	4	
29	12	50.0	33.0	1.38	8	1	5	
	14	50.5	34.6	1.29	9	1	5	
	15	42.2	32.3	0.80	10	0	5	
	9	55.5	34.4	1.72	0	5	5	
	10	57.1	35.7	1.74	0	5	5	
30	12	59.0	38.0	1.71	0	5	5	
	14	60.0	39.0	1.71	0	5	5	
	15	58.5	38.5	1.63	0	5	5	
	9	54.6	33.4	1.72	10	4	5	Js.
	10	51.3	33.4	1.46	10	2	5	
31	12	48.5	33.0	1.26	10	0	5	
	14	56.0	36.5	1.58	10	2	5	
	15	53.2	36.5	1.36	9	3	5	

HELIOFANÍA

DÍAS \ HORAS	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	H.EFECTIVA	H.TEÓR. ASTRON	H.RELATIVA
1		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	12.2	14.2	86
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	12.3	14.3	86
3		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	12.1	14.3	85
4			0.5	0.8		0.5	1.0	0.9			0.6	1.0	1.0	0.2	6.5	14.3	46
5		0.6	0.7	1.0	1.0	1.0	1.0	0.6							5.9	14.3	41
6			0.1		0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	9.0	14.3	63
7		0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.1	14.3	85
8		1.0	1.0	0.2	1.0	1.0	0.8	0.1							5.1	14.3	36
9	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0		12.0	14.3	84
10		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		12.0	14.3	84
11								0.5	0.9	0.9	0.6				2.9	14.4	20
12		0.8	1.0	1.0	0.8	0.7	1.0	0.6		0.2	0.5	0.7	0.6		7.9	14.4	55
13		0.3	1.0	0.9	1.0	0.6	0.2	0.2	0.5	0.2					4.9	14.4	34
14		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8		11.6	14.4	81
15	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1		11.2	14.4	78
16					1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9		8.8	14.4	61
17	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	14.4	78
18	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8		11.8	14.4	82
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	0.4	11.9	14.4	83
20	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	13.0	14.4	90
21			0.4	1.0	1.0	1.0	1.0	1.0	0.5	0.7	0.5	0.4			7.5	14.4	52
22	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5		0.1				7.6	14.4	53
23								0.1	0.7	1.0	1.0	1.0	1.0	0.2	5.0	14.4	35
24					0.4	0.6	0.7	1.0	1.0	1.0	0.8	0.7	0.3	0.4	6.9	14.4	48
25	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.1	14.4	91
26				1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.9	0.6	0.3	8.9	14.4	62
27							0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	7.4	14.4	51
28	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	13.3	14.4	92
29			1.0	1.0	0.7	0.4	1.0	0.7	1.0	0.3	0.3	0.1	1.0	0.2	7.7	14.4	54
30	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	0.7	13.1	14.4	91
31	0.2	0.3	1.0	1.0	0.4		0.1	0.3	0.8	1.0	1.0	0.9	0.4	0.6	8.0	14.4	56
Medias	0.1	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.2	9.5	14.4	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	21.7	28.8	25.2	20.6	24.7	24.2	20.2	21.1	22.2	20.7	20.8	21.6	22.4	22.5	22.6
2	22.6	29.2	25.5	21.5	26.3	24.5	20.0	21.8	22.6	21.5	21.6	22.2	23.1	23.1	23.2
3	23.2	29.8	26.8	21.9	26.7	25.5	21.4	22.5	23.4	22.0	22.1	22.8	23.6	23.5	23.7
4	24.3	27.2	24.7	23.2	25.4	23.9	22.5	22.3	22.4	22.8	22.4	22.6	24.1	24.0	23.8
5	23.0	23.4	25.0	22.3	23.6	24.4	21.8	22.2	22.8	22.2	22.4	22.4	23.7	24.2	23.6
6	23.4	28.2	25.2	22.8	26.0	24.8	22.0	22.6	23.2	22.2	22.2	22.7	23.7	23.7	23.7
7	23.6	30.2	27.3	22.5	27.4	26.1	22.1	23.0	24.1	22.5	22.6	23.4	24.0	24.0	24.2
8	25.0	27.8	26.2	24.0	26.0	25.3	23.2	23.6	23.8	23.3	23.3	23.6	24.6	24.6	24.6
9	25.1	30.8	27.7	23.8	28.0	26.8	23.0	23.8	24.9	23.2	23.4	24.1	24.7	24.8	24.9
10	26.1	31.1	28.0	24.4	28.4	27.0	23.8	24.6	25.3	24.0	24.2	24.6	25.3	25.4	25.5
11	25.5	28.8	27.4	24.9	26.8	26.5	24.4	24.4	25.0	24.6	24.4	24.6	25.8	25.7	25.6
12	24.6	27.7	24.5	24.1	26.1	24.6	23.8	24.0	24.0	24.2	24.0	24.1	25.7	25.5	25.5
13	22.6	26.1	24.5	22.3	24.5	24.1	22.6	22.8	23.2	23.4	23.2	23.3	25.3	25.1	25.0
14	23.6	28.8	26.2	22.7	27.0	25.4	22.4	23.4	24.2	23.0	23.2	23.8	24.9	24.9	25.0
15	24.0	29.6	26.2	23.3	26.9	25.7	23.0	23.6	24.2	23.6	23.8	24.0	25.3	25.3	25.3
16	22.8	27.2	24.1	22.8	25.7	24.3	22.8	23.2	23.6	23.6	23.4	23.6	25.4	25.3	25.2
17	21.3	27.7	25.1	21.2	25.4	24.4	22.8	22.2	23.2	22.8	22.6	23.0	25.0	24.7	24.7
18	22.4	28.4	24.7	22.0	26.3	24.5	22.2	22.8	23.6	23.0	22.9	23.4	24.9	24.8	24.8
19	21.3	27.5	24.0	21.2	25.4	23.7	21.8	22.4	23.0	22.9	22.6	23.1	25.0	24.8	24.8
20	22.0	28.4	26.0	21.4	25.7	25.0	21.6	22.4	23.4	22.6	22.6	23.2	24.8	24.8	24.8
21	23.8	30.0	27.4	23.3	27.3	26.4	22.8	23.6	24.6	23.3	24.4	24.2	25.2	25.2	25.4
22	25.6	30.6	27.8	24.6	27.8	26.8	24.0	24.6	25.2	24.2	24.3	24.8	25.8	25.8	26.0
23	25.4	26.1	26.2	24.9	24.7	25.4	24.3	24.0	24.2	24.6	24.4	24.2	26.2	26.1	25.9
24	22.6	26.4	23.8	22.4	25.1	24.3	22.3	22.8	23.6	23.3	23.2	23.4	25.5	25.3	25.2
25	21.2	27.8	24.0	20.6	25.9	24.2	21.6	22.3	23.2	22.8	22.6	23.2	25.1	24.8	24.7
26	21.2	27.6	25.2	21.3	25.2	24.6	21.8	22.2	23.0	22.7	22.5	22.9	24.8	24.7	24.7
27	23.2	27.0	25.5	22.7	25.0	25.1	22.2	23.6	23.6	22.9	22.9	23.1	24.9	24.8	24.8
28	22.8	29.9	26.1	22.3	27.3	25.7	22.4	23.2	24.3	23.1	23.1	23.7	25.0	25.0	25.0
29	23.2	29.1	27.3	22.8	26.5	26.3	22.8	23.4	24.4	23.5	23.4	23.9	25.3	25.3	25.3
30	24.4	32.0	27.6	23.7	29.0	27.2	23.4	24.4	25.4	24.2	24.0	24.7	25.6	25.6	25.7
31	24.8	30.4	28.0	24.1	27.9	27.3	24.0	24.6	25.2	24.5	24.4	24.8	26.0	26.0	26.0
Prom.	23.4	28.5	25.9	22.8	26.3	25.3	22.6	23.1	23.8	23.1	23.1	22.9	24.9	24.8	24.8

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	1.1	3.9	3.1	8.4							8698
2					0	1.4	4.7	4.4	11.1							8703
3					0	2.0	3.8	3.6	9.7	-	-	-	-			8712
4	0.2	0.4	0.0	0.1	2	2.3	1.4	0.6	2.4							8713
5	33.8	34.0	32.0	28.9	2	0.4	1.6	1.2	3.7							8722
6					0	0.9	1.5	1.5	3.3							8733
7					0	0.3	2.4	2.6	7.2							8738
8					0	2.2	1.6	1.5	4.3	-	-	-	-			8744
9					0	1.2	2.8	2.7	6.8							8755
10					0	1.3	3.4	3.8	8.5							8772
11	2.8	2.9	2.2	2.6	1	1.3	1.5	1.8	4.5							8781
12					0	1.2	2.3	2.3	6.8							8797
13					0	2.2	1.9	1.3	3.9	-	-	-	-			8800
14	0.0	0.0	0.0	0.0	0	0.7	2.0	2.3	6.5							8815
15					0	2.2	4.4	3.7	8.7							8814
16	10.7	11.0	8.9	9.6	2	0.6	2.4	1.9	5.5							8829
17					0	1.2	4.2	3.6	8.7							8835
18					0	0.9	4.0	3.8	9.4	-	-	-	-			8839
19					0	1.6	3.1	3.1	8.4							8864
20					0	2.2	4.3	2.9	9.1							8868
21					0	1.9	3.7	3.1	8.8							8879
22					0	2.0	5.0	2.2	8.8							8882
23	1.8	1.9	1.4	1.9	2	1.6	0.4	1.0	2.0	-	-	-	-			8888
24	50.7	51.7	-	48.9	2	0.6	1.2	3.0	6.3							8848
25					2	2.1	2.7	2.3	7.3							8810
26					1	2.3	2.9	2.2	6.7							8804
27					0	1.6	1.3	2.2	4.6							8802
28					0	1.1	3.1	2.8	7.5	-	-	-	-			8924
29					0	1.6	2.8	1.8	5.3							8928
30					0	0.7	5.6	1.6	9.3							8936
31					0	2.1	2.6	2.6	5.9							8938
Prom.	100.0	101.9	-	92.0	-	1.4	2.9	2.5	6.8	-	-	-	-	-	-	8812

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		
22.0	22.1	22.1	19.5	19.6	19.6	18.0	17.5	10.2	Ca. m. y n., Cn. t., B. t.
22.6	22.8	22.7	19.6	19.6	19.6	18.1	17.5	11.2	Ca. m. t. y n., B. t., r. n.
23.2	23.2	23.1	19.7	19.8	19.8	18.2	17.5	12.5	Ca. m. t. y n.
23.6	23.6	23.5	19.8	19.9	19.9	18.3	17.6	17.4	Cn. m. y t,Ca. n,Z.LL.Ru. m,Z.LL.Ru.G. t,Ns. n.
23.5	23.4	23.3	20.0	20.1	20.0	18.3	17.6	15.8	Cn. m. t. y n., Ns. m. y n.
23.5	23.5	23.4	20.2	20.2	20.2	18.3	17.5	16.2	Cn. m., Ca. t. y n.
23.8	23.8	23.8	20.2	20.4	21.9	18.5	17.6	13.4	Ca. m. t. y n., Ns. m.
24.3	24.4	24.3	21.1	21.3	21.2	18.4	17.5	19.5	Cn. m. t. y n.
24.5	24.6	24.5	21.3	21.4	21.5	18.5	17.6	17.3	Ca. m. t. y n., B. t.
24.9	25.1	25.1	21.5	21.6	21.6	18.6	17.7	16.0	Ca. m. t. y n., r. m., B. t. y n., Ru. n.
25.5	25.5	25.4	21.7	21.8	21.9	18.6	17.7	20.6	Cn. m. t. y n., LL. madrugada.
25.5	25.4	25.2	22.0	22.0	22.1	18.6	17.7	16.0	Cn. m. y t., Ca. n., Ds.Js. m.
25.3	25.2	24.8	22.2	22.3	22.2	18.8	17.8	12.5	Cn. m. t. y n., B. t., Ns. t., R. n., Z. t.
24.8	24.8	24.6	22.3	22.3	22.3	19.0	17.8	15.0	Cn. m. y t., Ca. n., Js.r. m., B. t.
25.0	25.1	24.9	22.4	22.3	22.4	19.0	17.8	14.6	Ca. m. y t., Cn. n., Ru.Z.LL.Ta.Tv. n.
25.2	25.2	25.0	22.4	22.5	22.4	19.1	17.9	16.7	Cn. m. y t., Ca. n.
24.9	24.8	24.6	22.4	22.5	22.5	19.2	17.9	9.5	Ca. m. y t., Cn. n., r. m., F. t., R. n.
24.8	24.9	24.8	22.5	22.5	22.5	19.4	18.0	8.1	Ca. m. y t., Cn. n., r. m.
25.0	25.0	24.8	22.5	22.5	22.5	19.4	18.0	7.6	Ca. m. t. y n., r.B. m.
25.0	25.0	24.8	22.5	22.6	22.5	19.4	18.0	10.5	Ca. m. t. y n., R. n.
25.1	25.2	25.2	22.6	22.6	22.6	19.5	18.1	16.2	Cn. m. t. y n.
25.5	25.6	25.5	22.7	22.7	22.7	19.6	18.1	16.3	Ca. m., Cn. t. y n., r. m.
25.9	25.9	25.7	22.8	22.8	22.9	19.6	18.1	19.8	Cn. m. y n., Ca. t.,Z.LL. m., Ns. t.,Ru.LL. n.
25.6	25.5	25.2	23.0	23.0	23.0	19.7	18.1	17.4	Cn. m. t. y n.
25.0	25.0	24.7	23.0	23.0	23.0	19.7	18.1	6.1	Ca. m. t. y n., B. t.
24.9	25.0	24.8	22.9	23.0	23.0	19.8	18.2	12.5	Cn. m. y t., Ca. n.
25.0	25.1	24.8	23.0	23.0	23.0	20.0	18.4	15.8	Cn. m. y t., Ca. n., r. m. y n.
24.9	25.0	24.9	22.9	23.0	23.0	20.0	18.4	9.4	Ca. m. t. y n., r. m.
25.2	25.3	25.2	23.0	23.0	23.0	20.1	18.4	13.7	Cn. m. t. y n.
25.4	25.6	25.4	23.1	23.1	23.1	20.1	18.5	12.2	Ca. m. t. y n., r. m., B. t.
25.8	25.8	25.6	23.2	23.2	23.2	20.2	18.5	15.0	Cn. m. y t., Ca. n., Ds. m.
24.7	24.7	24.6	21.9	21.9	22.0	19.1	17.9	14.0	

VALORES medios y absolutos decádicos y mensuales

DÉCADA	PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO							TEMPERATURA DEL AIRE									HELIOFANÍA		
	Media	Máxima	Día	Hora	Mínima	Día	Hora	Media	Máxima Media	Mínima Media	Máxima Absoluta	Día	Hora	Mínima Absoluta	Día	Hora	Efectiva	Teórica Astronómica	Relativa
	mm. mb.	mm. mb.			mm. mb.			°C	°C	°C	°C			°C			Horas y Décimos		%
1ª	54.2	60.5	1	8	49.1	7	24	25.2	31.3	18.8	35.3	9	14-15	16.1	1	5	9.9	14.3	70
2ª	54.9	59.2	19	8	46.4	15	17	22.4	28.8	15.7	31.2	20	16	10.7	19	5	9.5	14.4	66
3ª	55.4	61.8	25	8	46.4	23	21	23.8	30.3	17.4	34.9	21	15	10.2	25	5	9.0	14.4	62
MES	54.9	61.8	25	8	46.4	15, 23	17,21	23.8	30.2	17.3	35.3	9	14-15	10.2	25	5	9.5	14.4	66

DÉCADA	HUMEDAD DEL AIRE								VIENTO									LLUVIA				
	Humedad Relativa					Tensión del Vapor			Dirección Prevalente	Velocidad Media	Veloc. Medias Máximas				Instantáneas				Total	Máxima en 24 horas	Día	Máxima en 1 hora	Día	Hora
	Media	Máxima	Día	Mínima	Día	Media	Máxima	Mínima			Diaria	Día	Horaria	Día	Hora	Velocidad Máxima	Dirección	Día	Hora					
	%	%		%		mm. mb.	mm. mb.	mm. mb.		Km/h	Km/h		Km/h			Km/h				mm.	mm.		mm.		
1ª	66	100	5,7	17	2	14.8	18.8	6.4	N	12	28	2,4	25	4	2-3	49	SW	4	8.50	34.4	34.0	5	14.0	4	15-16
2ª	62	100	14	20	19	11.8	18.7	4.2	NE	10	36	20	28	20	7-8, 10-11	55	SW	15	19.00	13.9	11.0	16	5.0	15	22-23
3ª	62	98	24,30	19	25	12.8	19.5	4.2	NE	10	36	26	32	26	8-9	56	SW	23	22.06	53.6	51.7	24	17.0	24	0-1
MES	63	100	5,7,14	17	2	13.1	18.7	4.2	NE	10	36	20, 26	32	26	8-9	56	SW	23	22.06	101.9	51.7	24	17.0	-	-

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	-	-	1	1	-	-	-	1	-	-	2	-
2ª	-	2	1	-	-	-	1	2	1	-	-	-	-	-	-	1	3
3ª	-	2	1	-	-	-	-	1	1	-	-	-	-	-	-	1	-
MES	-	8	2	-	3	-	1	4	3	-	-	-	1	-	-	4	3

DÉCADA	FENÓMENOS DE SUPERFICIE					FENÓMENOS ÓPTICOS						CIELO		TEMPERATURAS		
	Rocío	Escarcha	Cencellada blanda	Cencellada dura	Suelo cubierto de nieve	Halo solar	Halo lunar	Corona solar	Corona lunar	Arco iris	Espejismo	Despejado	Cubierto	0°	25°	35°
1ª	2	-	-	-	-	-	-	-	-	-	-	4	2	-	9	1
2ª	4	-	-	-	-	1	-	2	-	1	-	1	4	-	10	-
3ª	4	-	-	-	-	1	-	-	-	-	-	3	2	-	11	-
MES	10	-	-	-	-	2	-	2	-	1	-	8	8	-	30	1

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