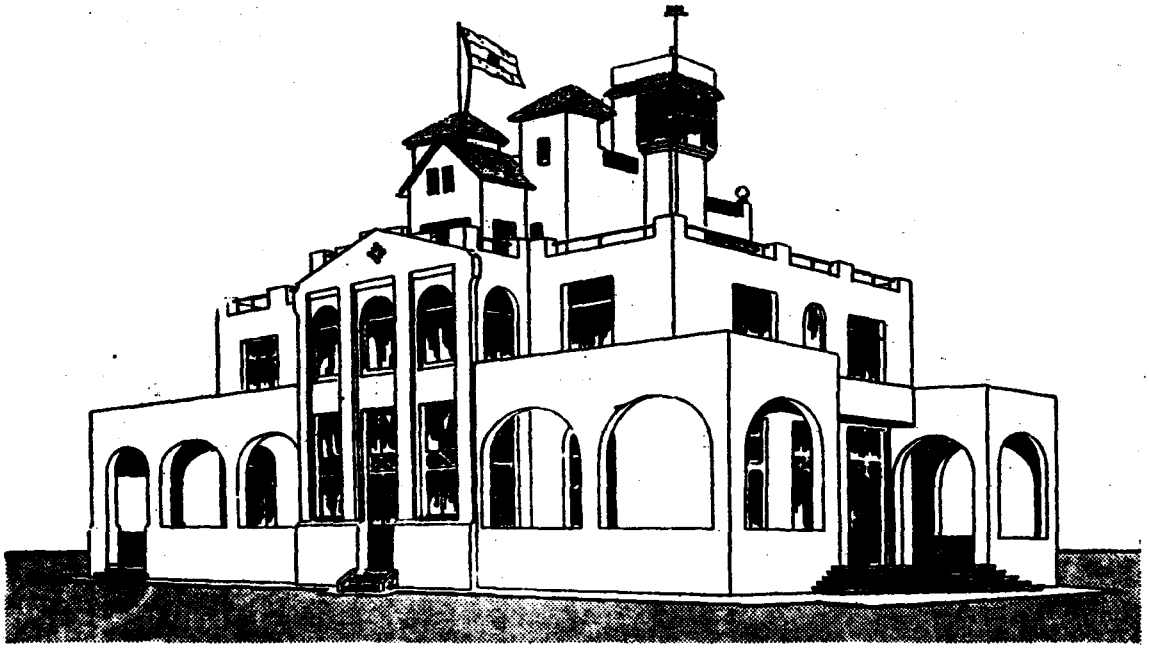
# OBSERVATORIO DE FISICA COSMICA
DE
# SAN MIGUEL (R. ARGENTINA)

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



# BOLETIN MENSUAL

## GEOELECTRICIDAD Y METEOROLOGIA

**VOLUMEN** XII

**AÑO** 1958

ENERO - JUNIO

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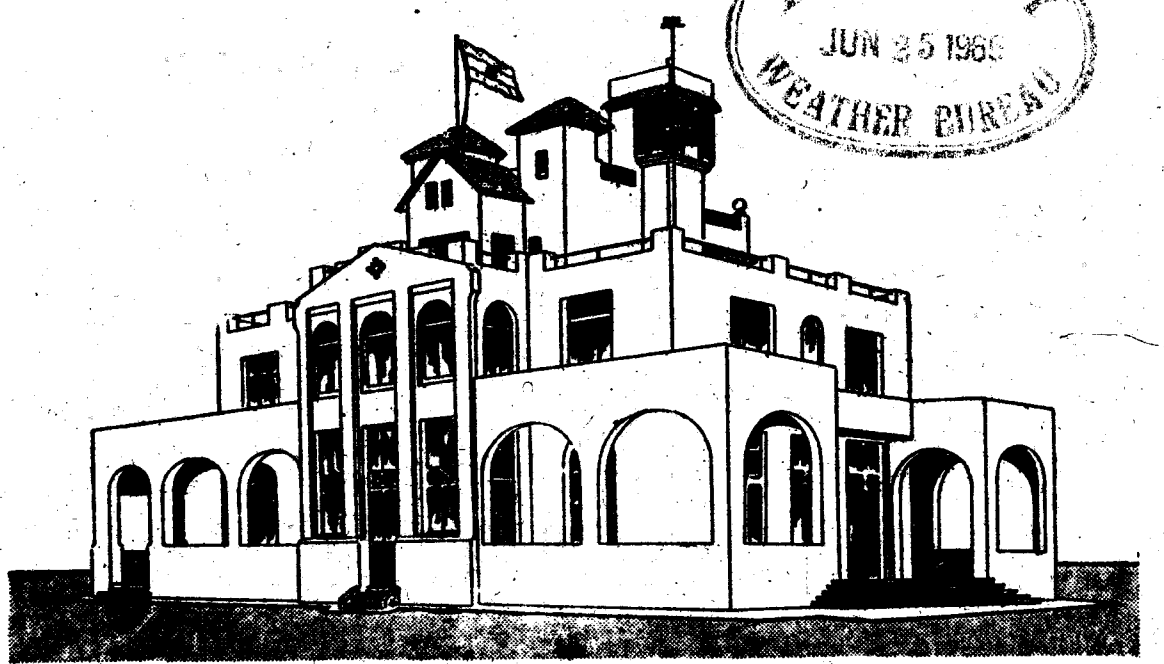

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AÑO GEOFISICO INTERNACIONAL 1957/58

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

OBSERVADORES Y CALCULISTAS :

| | |
|---|---|
| METEOROLOGIA : | Sres. Julio Goldín<br>Jaime Goldín |
| GEOELECTRICIDAD : | Sres. Fiandrino<br>Marenco |

# APRECIACIÓN GENERAL DE LAS OBSERVACIONES

## I. DATOS DIVERSOS

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

   Lat. geográfica, $\varphi$ = 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 ELÉCTRICOS

1. Potencial Atmosférico.

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

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

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

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

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

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

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

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

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

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

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

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

   * : Día incompleto.

2. Ionización del aire.

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

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

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

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

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

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

3. Resúmen del estado eléctrico del aire.

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

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

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

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

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

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

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

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

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

# III. CORRIENTES TELÚRICAS

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

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

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

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

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

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

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

Tipo "2".- Curva muy accidentada.

# IV. REGISTROS METEOROLÓGICOS

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

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

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

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

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

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

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

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

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

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

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

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

ENERO

## POTENCIAL ATMOSFÉRICO en V/M.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34 | 34 | 34 | 41 | 34 | 62 | 90 | 69 | 76 | 83 | 131 | 152 | 152 | 138 | 124 |
| 2 | 28 | 34 | 41 | 34 | 48 | 62 | 55 | 97 | 138 | 117 | 97 | 76 | 90 | 69 | 62 |
| 3 | 48 | 48 | 41 | 55 | 83 | 90 | 97 | 69 | 76 | 138 | 104 | - 97 | - | - | - |
| 4 | 48 | 55 | 55 | 90 | 69 | 159 | 207 | 322 | 304 | 117 | 145 | 90 | 90 | 90 | 69 |
| 5 | 76 | 55 | 69 | 62 | 62 | 110 | 265 | 138 | 138 | 138 | 138 | - 28 | 310 | 41 | 97 |
| 6 | 41 | 41 | 48 | 55 | 69 | 97 | 193 | 104 | 76 | 69 | 55 | 62 | 55 | 41 | 21 |
| 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | - 34 | - 83 | - 28 | 41 | 48 | 69 | 138 | 207 | 213 | 193 | 207 | 186 | 172 | 166 | 166 |
| 9 | - | - | - | - | - | - | 90 | 110 | 83 | 69 | 76 | 76 | 55 | 55 | 62 |
| 10 | 48 | 48 | 41 | 48 | 62 | 55 | 62 | 69 | 62 | 55 | 55 | 55 | 55 | 48 | 48 |
| 11 | - | - | - | - | - | - | 83 | 145 | 193 | 145 | 152 | 117 | 97 | 55 | 83 |
| 12 | 97 | 90 | 48 | 76 | 55 | 41 | 207 | 193 | 159 | 124 | 69 | 97 | 62 | 36 | 41 |
| 13 | - | - | - | - | - | - | - | 186 | 220 | 213 | 200 | 179 | 186 | 159 | 83 |
| 14 | - | - | - | - | - | - | - | 145 | 76 | 69 | 69 | 69 | 69 | 62 | 62 |
| 15 | - | - | - | - | - | - | - | 76 | 55 | 41 | 28 | 41 | 41 | 48 | 48 |
| 16 | 69 | 69 | 69 | 76 | 83 | 104 | 159 | 145 | 69 | 97 | 90 | 83 | 48 | 28 | 34 |
| 17 | 69 | 55 | 55 | 14 | - | 48 | 110 | 41 | 55 | 83 | 104 | 83 | 76 | 69 | 55 |
| 18 | 124 | 55 | 69 | 76 | 83 | 97 | 138 | 104 | 69 | 83 | 69 | 48 | - 28 | -159 | -117 |
| 19 | 90 | 83 | 117 | 90 | 83 | 76 | 110 | 41 | 124 | 166 | 104 | 90 | 97 | 90 | 69 |
| 20 | 97 | 55 | 83 | 55 | 41 | 21 | 90 | 239 | 186 | 159 | 166 | 166 | 213 | 179 | 200 |
| 21 | 152 | 124 | 83 | 69 | 124 | 97 | 172 | 145 | 159 | 172 | 172 | 104 | 172 | 145 | 90 |
| 22 | 90 | 76 | 69 | 110 | 104 | 97 | 179 | 172 | 159 | 152 | 110 | 48 | 34 | 21 | 14 |
| 23 | - | 34 | - | - | 28 | 14 | 28 | 21 | 14 | 41 | 76 | 69 | 83 | 90 | 76 |
| 24 | 34 | - | - | - | - | 69 | 145 | 145 | 159 | 83 | 41 | - 48 | 62 | 104 | 138 |
| 25 | 69 | 55 | 34 | 21 | 28 | 55 | 34 | 76 | 179 | 172 | 104 | 117 | 110 | 21 | 41 |
| 26 | 124 | 104 | 69 | 14 | 21 | 41 | 62 | 90 | 110 | 97 | - 41 | -167 | -342 | -335 | -296 |
| 27 | 41 | 34 | 41 | 48 | 55 | 69 | 90 | 76 | 97 | 110 | 104 | 62 | 55 | 41 | 41 |
| 28 | 110 | 83 | 62 | 48 | 62 | 41 | 34 | 41 | 104 | 48 | 69 | 83 | 83 | 62 | 55 |
| 29 | 90 | 48 | 34 | 41 | 55 | 76 | 124 | 104 | 145 | 83 | 55 | 69 | 76 | 62 | 55 |
| 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | 97 | 97 | 90 | 124 | 117 | 152 | 90 | 90 | 55 | 55 | 55 | 34 | 48 | 69 | 69 |
| Prom. | 76.9 | 64.9 | 61.9 | 64.4 | 67.8 | 80.4 | 125.4 | 126.4 | 129.7 | 108.8 | 103.6 | 80.9 | 110.8 | 78.4 | 75.3 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | 0.54 | 0.65 | 1.19 | 0.83 | 594 | 451 | 1045 | 1.32 | 0.64 | 0.99 |
| 2 | 0.73 | 0.85 | 1.58 | 0.86 | 679 | 496 | 1175 | 1.36 | 0.75 | 1.20 |
| 3 | 0.56 | 0.68 | 1.24 | 0.82 | 600 | 760 | 1360 | 0.79 | 0.65 | 0.63 |
| 4 | 0.72 | 0.74 | 1.46 | 0.97 | 598 | 296 | 894 | 2.02 | 0.84 | 1.75 |
| 5 | 0.51 | 0.51 | 1.02 | 1.00 | 434 | 334 | 768 | 1.30 | 0.82 | 1.07 |
| 6 | 0.60 | 0.73 | 1.33 | 0.82 | 550 | 457 | 1007 | 1.20 | 0.76 | 1.12 |
| 7 | 0.65 | 0.85 | 1.50 | 0.76 | 718 | 636 | 1354 | 1.13 | 0.63 | 0.93 |
| 8 | 0.59 | 0.72 | 1.31 | 0.82 | - | - | - | - | - | - |
| 9 | 0.84 | 1.02 | 1.86 | 0.82 | 707 | 444 | 1151 | 1.59 | 0.83 | 1.62 |
| 10 | 0.88 | 1.08 | 1.96 | 0.81 | 765 | 522 | 1287 | 1.47 | 0.81 | 1.45 |
| 11 | 0.66 | 0.76 | 1.42 | 0.87 | 458 | 365 | 823 | 1.26 | 1.01 | 1.46 |
| 12 | 0.56 | 0.66 | 1.22 | 0.84 | 351 | 237 | 588 | 1.48 | 1.12 | 1.95 |
| 13 | 0.59 | 0.67 | 1.26 | 0.88 | 305 | 263 | 508 | 1.50 | 1.35 | 2.31 |
| 14 | 0.79 | 0.90 | 1.69 | 0.88 | 630 | 411 | 1041 | 1.53 | 0.88 | 1.53 |
| 15 | 0.76 | 0.91 | 1.67 | 0.84 | 753 | 466 | 1219 | 1.61 | 0.71 | 1.36 |
| 16 | 0.78 | 0.71 | 1.49 | 1.10 | 556 | 409 | 965 | 1.36 | 0.98 | 1.21 |
| 17 | 0.64 | 0.74 | 1.38 | 0.87 | 720 | 462 | 1182 | 1.56 | 0.62 | 1.12 |
| 18 | 0.79 | 0.96 | 1.75 | 0.82 | 637 | 554 | 1191 | 1.15 | 0.87 | 1.21 |
| 19 | 0.62 | 0.66 | 1.28 | 0.94 | 536 | 376 | 912 | 1.43 | 0.81 | 1.23 |
| 20 | 0.54 | 0.64 | 1.18 | 0.84 | 389 | 429 | 818 | 0.91 | 0.97 | 1.05 |
| 21 | 0.54 | 0.54 | 1.08 | 1.00 | 511 | 425 | 936 | 1.20 | 0.74 | 0.88 |
| 22 | 0.56 | 0.59 | 1.15 | 0.95 | 518 | 424 | 942 | 1.22 | 0.76 | 0.97 |
| 23 | 0.63 | 0.74 | 1.37 | 0.85 | 821 | 590 | 1411 | 1.39 | 0.54 | 0.88 |
| 24 | 0.56 | 0.65 | 1.21 | 0.86 | 471 | 383 | 854 | 1.23 | 0.83 | 1.18 |
| 25 | 0.56 | 0.65 | 1.21 | 0.86 | 504 | 334 | 838 | 1.51 | 0.78 | 1.36 |
| 26 | 0.61 | 0.77 | 1.38 | 0.79 | 682 | 608 | 1280 | 1.12 | 0.63 | 0.89 |
| 27 | 0.61 | 0.66 | 1.27 | 0.93 | 747 | 490 | 1237 | 1.52 | 0.57 | 0.94 |
| 28 | 0.50 | 0.55 | 1.05 | 0.91 | 694 | 434 | 1128 | 1.60 | 0.50 | 0.89 |
| 29 | 0.65 | 0.72 | 1.37 | 0.90 | 835 | 563 | 1398 | 1.48 | 0.54 | 0.89 |
| 30 | 0.63 | 0.73 | 1.36 | 0.86 | 470 | 399 | 869 | 1.18 | 0.94 | 1.28 |
| 31 | 0.57 | 0.63 | 1.20 | 0.90 | 389 | 241 | 630 | 1.61 | 1.02 | 1.82 |
| Prom. | 0.65 | 0.74 | 1.39 | 0.88 | 588 | 441 | 1029 | 1.33 | 0.77 | 1.17 |

| 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios | Máximo | Mínimo | Amplit. | Tipo de Curva |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 117 | 76 | 83 | 83 | 62 | 69 | 83 | 41 | 83.6 | 213 | 34 | 179 | 0 |
| 62 | 48 | 62 | 76 | 76 | 55 | 62 | 55 | 48 | 66.3 | 200 | - 21 | 221 | 1 |
| - | - | - | - | - | - | - | -138 | 34 | - | 291 | -350 | 641 | 2 |
| 76 | 83 | 97 | 90 | 69 | 172 | 172 | 138 | 83 | 120.4 | 449 | - 7 | 456 | 1 |
| 97 | 90 | 110 | 104 | 138 | 117 | 110 | 83 | 83 | 108.4 | 568 | -350 | 918 | 1 |
| - 34 | 48 | - 41 | 28 | 41 | 34 | 14 | 28 | - 14 | - | 333 | -296 | 629 | 2 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 200 | 179 | 179 | 159 | 117 | - | - | - | - | - | 310 | -224 | 534 | 1 |
| 69 | 76 | 110 | 131 | 97 | 83 | 76 | 83 | 76 | - | 179 | + 28 | 151 | 0 |
| 48 | 48 | 28 | 28 | 28 | 48 | 83 | 304 | 55 | 57.1 | 408 | -224 | 632 | 1 |
| 83 | 69 | 55 | 69 | 76 | 76 | 97 | 186 | 172 | - | 226 | 7 | 219 | 0 |
| 83 | 62 | 76 | 101 | 118 | 68 | 87 | 48 | 34 | 86.3 | 333 | - 21 | 354 | 1 |
| 83 | 97 | 104 | 131 | 159 | 186 | 166 | 159 | 90 | - | 310 | 00 | 310 | 0 |
| 90 | 55 | 76 | 97 | 104 | 145 | 152 | 104 | ± ∞ | - | ∞ | - ∞ | - | 3 |
| 34 | 21 | 28 | 28 | 55 | 62 | 41 | 34 | 41 | - | ∞ | - ∞ | - | 3 |
| 34 | 34 | 55 | 76 | 76 | 97 | 213 | 131 | 90 | 84.5 | 297 | - 21 | 318 | 1 |
| 55 | 55 | 90 | 124 | 186 | 166 | 166 | 131 | 110 | - | 297 | - 14 | 311 | 1 |
| -174 | -124 | -131 | -188 | - 69 | 55 | 69 | 69 | 83 | - | 186 | -717 | 903 | 2 |
| 69 | 41 | 55 | 76 | 68 | 113 | 159 | 152 | 138 | 95.9 | 207 | - 7 | 214 | 1 |
| 213 | 179 | 145 | 145 | 207 | 200 | 200 | 172 | 152 | 148.4 | 310 | - 28 | 338 | 1 |
| 152 | 124 | 131 | 193 | 252 | 200 | 186 | 145 | 124 | 145.3 | 397 | 7 | 390 | 0 |
| 166 | 104 | 131 | 166 | 172 | - | - | - | - | - | 246 | -117 | 363 | 2 |
| 90 | 90 | 97 | 90 | 110 | 97 | 83 | 97 | 62 | - | 172 | 00 | 172 | 0 |
| 193 | 69 | 97 | 117 | 138 | 166 | 104 | - | - | - | 297 | -195 | 492 | 2 |
| 48 | 41 | 34 | 14 | 7 | 28 | 124 | 110 | 124 | - | 259 | - 48 | 307 | 2 |
| -267 | -438 | -390 | -231 | - 97 | - 14 | 21 | 41 | 41 | - | 239 | -762 | 1001 | 2 |
| 41 | 48 | 34 | 28 | 41 | 55 | 21 | 28 | 90 | 56.2 | 246 | - 21 | 267 | 1 |
| 55 | 41 | 48 | 69 | 69 | 76 | 159 | 186 | 131 | 75.8 | 220 | - 7 | 227 | 1 |
| 62 | 55 | 55 | 97 | 213 | 172 | 152 | 28 | 28 | 82.4 | 460 | 00 | 460 | 0 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 69 | 166 | 233 | 259 | 159 | 124 | 83 | 76 | 62 | 103.0 | 374 | 21 | 353 | 0 |
| 85.6 | 81.1 | 86.1 | 101.8 | 114.1 | 111.4 | 125.4 | 116.4 | 74.9 | 93.8 | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "i" . $10^{-7}$ U.E.S. | NÚCLEOS AITKEN |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | por cm² | por cm³ |
| 8523 | 9121 | 17644 | 0.93 | 3.32 | - |
| 6317 | 6063 | 12380 | 1.05 | 3.49 | 50,500 |
| 7067 | 6338 | 13405 | 1.12 | - | - |
| 8825 | 7349 | 16174 | 1.20 | 5.88 | - |
| 8561 | 7249 | 15810 | 1.18 | 3.69 | - |
| 8450 | 5717 | 14167 | 1.48 | - | - |
| 7653 | 6802 | 14455 | 1.13 | - | - |
| 4485 | 5388 | 9873 | 0.83 | - | - |
| 6091 | 6276 | 13367 | 0.97 | - | - |
| 5197 | 3475 | 8672 | 1.50 | 3.74 | - |
| 8897 | 7961 | 16858 | 1.12 | - | - |
| 11781 | 10095 | 21876 | 1.18 | 3.51 | - |
| 12858 | 13383 | 26241 | 0.96 | - | - |
| 8590 | 9838 | 18428 | 0.87 | - | - |
| 4711 | 5380 | 10091 | 0.87 | - | - |
| 6955 | 7892 | 14847 | 0.88 | 4.20 | - |
| 6732 | 8073 | 15805 | 0.83 | - | - |
| 5574 | 6244 | 11818 | 0.89 | - | - |
| 9495 | 11324 | 20819 | 0.84 | 4.10 | - |
| 13139 | 14394 | 27533 | 0.91 | 5.85 | - |
| 10355 | 11761 | 22116 | 0.94 | 5.22 | - |
| 9348 | 11066 | 20414 | 0.85 | - | 73,750 |
| 6805 | 7587 | 14392 | 0.91 | - | - |
| 11361 | 13242 | 24503 | 0.86 | - | 51,250 |
| 11513 | 12159 | 23672 | 0.95 | - | - |
| 6955 | 7619 | 14574 | 0.91 | - | 26,250 |
| 11211 | 12779 | 23990 | 0.88 | 2.38 | - |
| 10466 | 11319 | 21785 | 0.92 | 2.66 | - |
| 9046 | 10126 | 19172 | 0.90 | 3.77 | - |
| 9718 | 10184 | 19902 | 0.96 | - | - |
| 12936 | 14902 | 27838 | 0.87 | 4.12 | - |
| 8862 | 9241 | 18103 | 0.96 | 3.99 | 50,440 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | 0.68 | 0.65 | 0.52 |
| 2 | - | - | - | - | - | - | - | - | - | - | 0.70 | 0.69 |
| 3 | 0.64 | 0.55 | 0.94 | 0.85 | 0.45 | 0.57 | 0.60 | 0.36 | 0.42 | 0.43 | 0.26 | - |
| 4 | 0.95 | 1.05 | 0.85 | 0.65 | 0.64 | 0.69 | 0.53 | 0.47 | 0.41 | 0.73 | 0.68 | 0.62 |
| 5 | 0.64 | 0.47 | 0.66 | 0.46 | 0.50 | 0.46 | 0.38 | 0.24 | 0.53 | 0.51 | 0.65 | 0.51 |
| 6 | 0.59 | 0.81 | 0.68 | 0.69 | 0.52 | 0.49 | 0.32 | 0.37 | 0.51 | 0.45 | 0.61 | 0.71 |
| 7 | 0.98 | 0.49 | 0.67 | 0.61 | - | - | - | - | - | 0.66 | 0.46 | 0.89 |
| 8 | 0.51 | 0.56 | 0.61 | 0.84 | 0.96 | 1.10 | 0.64 | 0.81 | 0.73 | 0.79 | 0.60 | 0.50 |
| 9 | 0.70 | 0.71 | 1.10 | 0.93 | 1.01 | 0.62 | 0.90 | 0.74 | 1.05 | 0.85 | 1.02 | 0.84 |
| 10 | 1.09 | 0.93 | 1.07 | 0.99 | 1.12 | 0.88 | 0.76 | 0.84 | 0.74 | 0.94 | 0.89 | 0.79 |
| 11 | - | - | - | - | - | - | - | 0.79 | 0.63 | 0.61 | 0.57 | 0.68 |
| 12 | 0.46 | 0.45 | 0.45 | 0.56 | 0.60 | 0.48 | 0.39 | 0.36 | 0.37 | 0.61 | 0.58 | 0.59 |
| 13 | 0.68 | 1.11 | 0.88 | 0.55 | 0.41 | 0.57 | - | 0.54 | 0.57 | 0.83 | 0.64 | 0.76 |
| 14 | - | - | - | - | - | - | - | - | 1.05 | 0.91 | 0.76 | 0.81 |
| 15 | - | - | - | 0.72 | 0.66 | 0.72 | 0.85 | 0.91 | 0.84 | 0.96 | 0.82 | 0.79 |
| 16 | 1.07 | 0.99 | 1.11 | 1.13 | 1.16 | 0.97 | 0.85 | 0.65 | 0.61 | 0.55 | 0.68 | 0.84 |
| 17 | 0.77 | 0.70 | 0.63 | 0.84 | 0.76 | 0.64 | 0.96 | 0.71 | 0.81 | 0.91 | 0.57 | 0.38 |
| 18 | 0.60 | 0.87 | 0.98 | 0.80 | 1.15 | 1.12 | 0.70 | 1.08 | 0.94 | 1.06 | 1.07 | 0.86 |
| 19 | 0.82 | 0.86 | 0.91 | 0.79 | 0.99 | 0.82 | 0.79 | 0.90 | 0.68 | 0.58 | 0.52 | 0.52 |
| 20 | 0.60 | 0.57 | 0.64 | 0.76 | 0.82 | 0.93 | 0.54 | 0.90 | 0.51 | 0.56 | 0.47 | 0.40 |
| 21 | 0.60 | 0.62 | 0.87 | 0.79 | 0.62 | 0.82 | 0.84 | 0.79 | 0.74 | 0.65 | 0.65 | 0.41 |
| 22 | 0.76 | 0.82 | 0.77 | 0.86 | 0.70 | 0.70 | 0.88 | 0.73 | 0.67 | 0.59 | 0.44 | 0.49 |
| 23 | 0.61 | 0.65 | 0.86 | 0.89 | 0.67 | 0.66 | 0.77 | 0.75 | 0.59 | 0.83 | 0.65 | 0.61 |
| 24 | - | - | - | - | - | - | - | 0.89 | 0.70 | 0.39 | 0.31 | 0.57 |
| 25 | - | - | - | - | - | - | - | 0.58 | 0.84 | 0.82 | 0.66 | 0.60 |
| 26 | 0.38 | 0.67 | 0.90 | 0.86 | 0.89 | 1.00 | 0.82 | 0.81 | 0.83 | 0.56 | 0.36 | 0.41 |
| 27 | 0.89 | 1.02 | 0.98 | 0.85 | 0.91 | 0.62 | 0.69 | 0.57 | 0.66 | 0.60 | 0.51 | 0.41 |
| 28 | - | - | - | - | - | - | - | - | 0.65 | 0.59 | 0.40 | 0.46 |
| 29 | 0.31 | 0.58 | 0.87 | 0.74 | 0.80 | 0.64 | 0.60 | 0.81 | 0.66 | 0.69 | 0.59 | 0.70 |
| 30 | - | - | - | - | - | - | - | - | - | 0.91 | 0.65 | 0.68 |
| 31 | - | - | - | - | - | - | - | 0.52 | 0.64 | 0.53 | 0.68 | 0.60 |
| Promedio | 0.69 | 0.74 | 0.83 | 0.78 | 0.78 | 0.74 | 0.69 | 0.68 | 0.68 | 0.69 | 0.62 | 0.62 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | 0.79 | 0.70 | 0.55 |
| 2 | - | - | - | - | - | - | - | - | - | - | 0.89 | 0.77 |
| 3 | 0.84 | 0.90 | 1.29 | 0.95 | 0.58 | 0.58 | 0.47 | 0.43 | 0.65 | 0.43 | 0.37 | 0.33 |
| 4 | 0.98 | 0.91 | 0.82 | 0.57 | 0.55 | 0.53 | 0.49 | 0.42 | 0.40 | 0.65 | 0.67 | 0.74 |
| 5 | 0.55 | 0.51 | 0.55 | 0.51 | 0.48 | 0.46 | 0.37 | 0.30 | 0.55 | 0.51 | 0.68 | 0.55 |
| 6 | 0.57 | 0.76 | 0.72 | 0.55 | 0.55 | 0.40 | 0.31 | 0.43 | 0.56 | 0.62 | 0.96 | 0.78 |
| 7 | 1.03 | 0.42 | 0.88 | 0.56 | - | - | - | - | - | 0.76 | 0.81 | 1.07 |
| 8 | 0.67 | 0.87 | 1.03 | 1.00 | 1.17 | 1.23 | 0.91 | 1.05 | 1.02 | 0.88 | 0.62 | 0.55 |
| 9 | 0.82 | 0.97 | 1.19 | 1.19 | 1.12 | 0.85 | 1.38 | 1.19 | 1.32 | 1.43 | 1.23 | 0.96 |
| 10 | 1.29 | 1.10 | 1.25 | 1.15 | 1.22 | 0.99 | 1.07 | 1.07 | 1.05 | 1.27 | 1.18 | 1.13 |
| 11 | - | - | - | - | - | - | - | 0.71 | 0.65 | 0.63 | 0.67 | 0.92 |
| 12 | 0.58 | 0.55 | 0.55 | 0.67 | 0.64 | 0.57 | 0.36 | 0.42 | 0.58 | 0.92 | 0.87 | 0.63 |
| 13 | 0.88 | 0.87 | 0.90 | 0.62 | 0.49 | 0.55 | - | 0.64 | 0.94 | 1.04 | 0.70 | 0.69 |
| 14 | - | - | - | - | - | - | - | - | 1.31 | 1.22 | 1.04 | 0.92 |
| 15 | - | - | - | 0.98 | 0.82 | 0.95 | 0.99 | 0.91 | 1.22 | 1.17 | 1.00 | 0.95 |
| 16 | 1.24 | 1.10 | 1.17 | 1.10 | 1.10 | 0.96 | 0.72 | 0.78 | 0.69 | 0.53 | 0.29 | 0.51 |
| 17 | 0.71 | 0.67 | 0.62 | 0.93 | 0.84 | 0.81 | 1.17 | 1.12 | 0.91 | 0.97 | 0.56 | 0.47 |
| 18 | 0.80 | 0.96 | 1.12 | 0.86 | 1.27 | 1.49 | 1.45 | 1.40 | 1.14 | 1.15 | 1.13 | 1.02 |
| 19 | 0.82 | 0.72 | 0.76 | 0.87 | 0.94 | 0.76 | 0.85 | 1.00 | 0.67 | 0.62 | 0.64 | 0.62 |
| 20 | 0.89 | 0.96 | 0.99 | 1.07 | 1.07 | 0.99 | 1.03 | 0.80 | 0.51 | 0.71 | 0.51 | 0.44 |
| 21 | 0.49 | 0.61 | 0.83 | 0.77 | 0.49 | 0.69 | 0.62 | 0.85 | 0.76 | 0.67 | 0.64 | 0.50 |
| 22 | 0.87 | 0.76 | 0.79 | 0.91 | 0.74 | 0.76 | 0.83 | 0.59 | 0.63 | 0.55 | 0.53 | 0.46 |
| 23 | 0.91 | 0.80 | 0.88 | 0.98 | 0.88 | 0.83 | 0.93 | 0.86 | 0.76 | 0.84 | 0.69 | 0.72 |
| 24 | - | - | - | - | - | - | - | - | 0.63 | 0.49 | 0.48 | 1.02 |
| 25 | - | - | - | - | - | - | - | 0.83 | 0.94 | 0.77 | 0.74 | 0.62 |
| 26 | 0.30 | 0.98 | 1.05 | 1.02 | 0.79 | 0.96 | 0.87 | 0.91 | 0.98 | 0.77 | 0.65 | 0.72 |
| 27 | 0.97 | 1.07 | 0.83 | 0.83 | 0.73 | 0.69 | 0.70 | 0.69 | 0.65 | 0.78 | 0.60 | 0.45 |
| 28 | - | - | - | - | - | - | - | - | 0.72 | 0.72 | 0.51 | 0.54 |
| 29 | 0.40 | 0.90 | 0.72 | 1.00 | 0.34 | 0.62 | 0.69 | 0.82 | 0.75 | 0.80 | 0.81 | 0.68 |
| 30 | - | - | - | - | - | - | - | - | - | 0.97 | 0.73 | 0.67 |
| 31 | - | - | - | - | - | - | - | 0.67 | 0.75 | 0.65 | 0.84 | 0.58 |
| Promedio | 0.79 | 0.83 | 0.90 | 0.86 | 0.82 | 0.79 | 0.81 | 0.78 | 0.80 | 0.81 | 0.73 | 0.69 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.44 | 0.39 | 0.43 | 0.48 | 0.52 | 0.65 | 0.64 | 0.56 | - | - | - | - | 0.64 |
| 0.80 | 0.52 | 0.91 | 0.91 | 0.84 | 0.67 | 0.83 | 0.68 | 0.81 | 0.72 | 0.61 | 0.59 | 0.73 |
| 0.56 | 0.49 | 0.35 | 0.40 | 0.52 | 0.54 | 0.54 | - | - | 0.70 | 0.67 | 0.86 | 0.56 |
| 0.81 | 1.30 | 0.91 | 1.09 | 0.98 | 0.72 | 0.69 | 0.62 | 0.55 | 0.37 | 0.44 | 0.51 | 0.72 |
| 0.60 | 0.60 | 0.56 | 0.96 | 0.60 | 0.53 | 0.47 | 0.55 | 0.50 | 0.36 | 0.44 | 0.42 | 0.51 |
| 0.67 | 0.58 | 0.79 | 1.02 | 0.55 | 0.58 | 0.72 | 0.55 | 0.34 | 0.50 | 0.56 | 0.80 | 0.60 |
| 1.17 | 0.86 | 0.30 | 0.86 | 0.74 | 0.55 | 0.28 | 0.53 | 0.29 | 0.78 | 0.49 | 0.74 | 0.65 |
| 0.43 | 0.43 | 0.60 | 0.43 | 0.45 | 0.36 | 0.47 | 0.44 | 0.46 | 0.45 | 0.57 | 0.60 | 0.59 |
| 0.77 | 1.05 | 0.96 | 0.77 | 0.86 | 0.81 | 0.61 | 0.86 | 0.76 | 0.66 | 0.65 | 0.86 | 0.84 |
| 1.09 | 0.88 | 0.83 | 0.75 | 1.11 | 1.19 | 0.93 | 0.57 | 0.58 | 0.65 | 0.79 | - | 0.88 |
| 0.77 | 0.74 | 0.56 | 0.65 | 0.60 | 0.58 | 0.84 | 1.03 | 0.60 | 0.66 | 0.49 | 0.48 | 0.66 |
| 0.44 | 0.44 | 0.49 | 0.54 | 0.43 | 0.60 | 0.76 | 0.81 | 0.78 | 0.70 | 0.70 | 0.84 | 0.56 |
| 0.57 | 0.51 | 0.33 | 0.51 | 0.59 | 0.73 | 0.81 | 0.56 | 0.52 | 0.50 | 0.28 | 0.34 | 0.59 |
| 0.99 | 0.93 | 0.56 | 0.83 | 0.79 | 0.53 | 0.81 | 0.75 | 0.59 | 0.82 | 0.68 | 0.83 | 0.79 |
| 0.65 | 0.77 | 0.69 | 0.69 | 0.46 | 0.66 | 0.68 | 0.59 | 0.61 | 0.97 | 0.85 | 1.18 | 0.76 |
| 0.66 | 0.74 | 0.86 | 0.75 | 0.73 | 0.74 | 0.81 | 0.68 | 0.51 | 0.57 | 0.45 | 0.59 | 0.78 |
| 0.40 | 0.41 | 0.62 | 0.60 | 0.51 | 0.43 | 0.76 | 0.41 | 0.65 | 0.77 | 0.57 | 0.69 | 0.64 |
| 0.82 | 0.66 | 0.58 | 0.57 | 0.50 | 0.58 | 0.47 | 0.51 | 0.63 | 0.79 | 0.64 | 0.99 | 0.79 |
| 0.45 | 0.46 | 0.41 | 0.49 | 0.52 | 0.49 | 0.45 | 0.41 | 0.43 | 0.37 | 0.55 | 0.70 | 0.62 |
| 0.39 | 0.35 | 0.39 | 0.46 | 0.52 | 0.55 | 0.49 | 0.34 | 0.35 | 0.34 | 0.46 | 0.52 | 0.54 |
| 0.54 | 0.29 | 0.34 | 0.38 | 0.42 | 0.34 | 0.31 | 0.34 | 0.31 | 0.45 | 0.41 | 0.37 | 0.54 |
| 0.38 | 0.39 | 0.34 | 0.38 | 0.41 | 0.42 | 0.45 | 0.37 | 0.35 | 0.48 | 0.49 | 0.72 | 0.56 |
| 0.49 | 0.58 | 0.46 | 0.54 | 0.56 | 0.57 | 0.53 | 0.48 | 0.42 | 0.72 | 0.52 | - | 0.63 |
| 0.46 | 0.47 | 0.41 | 0.55 | 0.51 | 0.61 | 0.61 | 0.68 | 0.74 | - | - | - | 0.56 |
| 0.57 | 0.66 | 0.68 | 0.57 | 0.57 | 0.67 | 0.48 | 0.37 | 0.34 | 0.48 | 0.40 | 0.30 | 0.56 |
| 0.36 | 0.49 | 0.34 | 0.39 | 0.32 | 0.36 | 0.56 | 0.51 | 0.58 | 0.66 | 1.01 | 0.63 | 0.61 |
| 0.47 | 0.46 | 0.32 | 0.44 | 0.54 | 0.44 | 0.59 | 0.46 | 0.50 | 0.50 | 0.62 | - | 0.61 |
| 0.49 | 0.53 | 0.44 | 0.47 | 0.50 | 0.40 | 0.66 | 0.65 | 0.54 | 0.46 | 0.41 | 0.37 | 0.50 |
| 0.66 | 0.72 | 0.76 | 0.72 | 0.76 | 0.67 | 0.54 | 0.50 | 0.62 | 0.40 | - | - | 0.65 |
| 0.60 | 0.55 | 0.45 | 0.54 | 0.60 | 0.69 | 0.66 | 0.63 | 0.61 | 0.65 | - | - | 0.63 |
| 0.70 | 0.43 | 0.53 | 0.54 | 0.57 | 0.52 | 0.51 | 0.51 | 0.47 | 0.64 | 0.56 | 0.75 | 0.57 |
| 0.62 | 0.60 | 0.55 | 0.61 | 0.59 | 0.58 | 0.61 | 0.56 | 0.53 | 0.59 | 0.57 | 0.65 | 0.65 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.55 | 0.44 | 0.56 | 0.51 | 0.63 | 0.79 | 0.82 | 0.79 | - | - | - | - | 0.65 |
| 0.87 | 0.61 | 0.90 | 1.00 | 0.85 | 0.78 | 0.78 | 0.78 | 0.96 | 1.05 | 0.84 | 0.88 | 0.85 |
| 0.67 | 0.49 | 0.40 | 0.31 | 0.51 | 0.42 | 0.76 | 0.90 | 1.13 | 0.86 | 1.23 | 0.85 | 0.68 |
| 0.90 | 1.15 | 1.25 | 1.09 | 1.05 | 0.87 | 0.90 | 0.80 | 0.56 | 0.48 | 0.47 | 0.53 | 0.74 |
| 0.51 | 0.54 | 0.67 | 0.54 | 0.54 | 0.60 | 0.55 | 0.51 | 0.51 | 0.34 | 0.39 | 0.43 | 0.51 |
| 0.87 | 0.64 | 0.92 | 1.16 | 0.90 | 1.12 | 0.87 | 0.55 | 0.42 | 0.74 | 0.73 | 1.33 | 0.73 |
| 1.14 | 1.51 | 0.86 | 1.10 | 1.09 | 0.74 | 0.73 | 0.68 | 0.51 | 0.58 | 0.73 | 0.87 | 0.85 |
| 0.44 | 0.42 | 0.55 | 0.51 | 0.51 | 0.44 | 0.53 | 0.49 | 0.49 | 0.52 | 0.67 | 0.72 | 0.72 |
| 1.01 | 1.07 | 1.07 | 0.91 | 0.89 | 0.66 | 0.69 | 1.02 | 0.97 | 0.79 | 0.69 | 1.17 | 1.02 |
| 1.31 | 1.19 | 1.12 | 1.10 | 1.37 | 1.37 | 1.12 | 0.73 | 0.71 | 0.65 | 0.55 | - | 1.08 |
| 0.97 | 0.94 | 0.84 | 0.79 | 0.62 | 0.61 | 0.93 | 1.15 | 0.72 | 0.62 | 0.60 | 0.60 | 0.76 |
| 0.49 | 0.49 | 0.60 | 0.62 | 0.46 | 0.69 | 0.93 | 0.96 | 0.85 | 0.85 | 0.83 | 0.85 | 0.66 |
| 0.59 | 0.44 | 0.42 | 0.56 | 0.83 | 0.92 | 0.83 | 0.62 | 0.53 | 0.47 | 0.45 | 0.45 | 0.67 |
| 1.12 | 1.09 | 0.64 | 0.84 | 0.89 | 0.56 | 1.02 | 0.88 | 0.70 | 0.65 | 0.73 | 0.83 | 0.90 |
| 0.81 | 0.86 | 0.80 | 0.85 | 0.59 | 0.85 | 0.66 | 0.70 | 0.69 | 1.01 | 1.05 | 1.30 | 0.91 |
| 0.41 | 0.51 | 0.58 | 0.63 | 0.58 | 0.65 | 0.51 | 0.71 | 0.61 | 0.58 | 0.50 | 0.64 | 0.71 |
| 0.45 | 0.47 | 0.71 | 0.60 | 0.62 | 0.58 | 0.49 | 0.49 | 0.76 | 0.84 | 0.92 | 1.00 | 0.74 |
| 0.96 | 0.87 | 0.85 | 0.77 | 0.74 | 0.79 | 0.78 | 0.67 | 0.69 | 0.80 | 0.69 | 0.79 | 0.96 |
| 0.51 | 0.55 | 0.52 | 0.60 | 0.62 | 0.55 | 0.46 | 0.56 | 0.51 | 0.38 | 0.56 | 0.87 | 0.66 |
| 0.37 | 0.37 | 0.42 | 0.47 | 0.53 | 0.58 | 0.51 | 0.37 | 0.43 | 0.35 | 0.45 | 0.56 | 0.64 |
| 0.47 | 0.35 | 0.38 | 0.40 | 0.44 | 0.37 | 0.37 | 0.32 | 0.37 | 0.55 | 0.49 | 0.53 | 0.54 |
| 0.37 | 0.44 | 0.37 | 0.40 | 0.42 | 0.46 | 0.51 | 0.43 | 0.44 | 0.51 | 0.58 | 0.92 | 0.59 |
| 0.60 | 0.65 | 0.51 | 0.63 | 0.65 | 0.69 | 0.68 | 0.60 | 0.47 | 0.81 | 0.65 | - | 0.74 |
| 0.67 | 0.58 | 0.47 | 0.60 | 0.60 | 0.72 | 0.61 | 0.75 | 0.89 | - | - | - | 0.65 |
| 0.60 | 0.79 | 0.79 | 0.60 | 0.68 | 0.81 | 0.67 | 0.43 | 0.58 | 0.58 | 0.40 | 0.27 | 0.65 |
| 0.60 | 0.74 | 0.69 | 0.72 | 0.70 | 0.63 | 0.61 | 0.56 | 0.68 | 0.77 | 1.09 | 0.75 | 0.77 |
| 0.49 | 0.49 | 0.42 | 0.51 | 0.70 | 0.60 | 0.58 | 0.65 | 0.60 | 0.56 | 0.67 | - | 0.66 |
| 0.53 | 0.55 | 0.51 | 0.53 | 0.55 | 0.43 | 0.65 | 0.63 | 0.58 | 0.51 | 0.49 | 0.38 | 0.55 |
| 0.75 | 0.79 | 0.79 | 0.86 | 0.84 | 0.91 | 0.51 | 0.51 | 0.47 | 0.50 | - | - | 0.72 |
| 0.67 | 0.67 | 0.56 | 0.58 | 0.87 | 0.73 | 0.76 | 0.75 | 0.83 | 0.66 | - | - | 0.73 |
| 0.51 | 0.48 | 0.54 | 0.58 | 0.59 | 0.60 | 0.56 | 0.53 | 0.54 | 0.72 | 0.76 | 0.76 | 0.63 |
| 0.68 | 0.68 | 0.67 | 0.69 | 0.71 | 0.69 | 0.69 | 0.66 | 0.64 | 0.65 | 0.67 | 0.76 | 0.74 |

## IONES LIVIANOS POSITIVOS "n+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 738 | 868 | 707 | 868 | 707 | 707 | 782 | 782 | 868 | 707 | 521 | 347 |
| 2 | 1035 | 1194 | 1035 | 955 | 608 | 608 | 521 | 707 | 707 | 651 | 521 | 347 |
| 3 | 782 | 909 | 955 | 707 | 521 | 608 | 521 | 434 | 216 | 434 | 304 | 608 |
| 4 | 1035 | 909 | 868 | 608 | 521 | 521 | 521 | 434 | 521 | 707 | 707 | 608 |
| 5 | 434 | 434 | 434 | 347 | 347 | 260 | 347 | 608 | 608 | 521 | - | - |
| 6 | - | - | - | - | - | - | - | - | 782 | 707 | 707 | 608 |
| 7 | 868 | 347 | 782 | 260 | - | - | - | - | - | - | 608 | 521 |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | - | - | - | - | 1154 | 1035 | 955 |
| 10 | 868 | 868 | 868 | 868 | 782 | 782 | 782 | 868 | 868 | 868 | 782 | 782 |
| 11 | 1354 | 782 | 347 | 347 | 707 | 955 | 781 | 521 | 434 | 260 | 260 | 260 |
| 12 | 174 | 260 | 521 | 521 | 260 | 260 | 347 | 260 | 260 | 347 | 260 | 260 |
| 13 | 347 | 347 | 347 | 260 | 174 | 521 | 390 | 260 | 174 | 174 | 174 | 347 |
| 14 | 347 | 260 | 260 | 217 | 260 | 347 | 390 | 434 | 955 | 955 | 955 | 1035 |
| 15 | 821 | 1915 | 1435 | 608 | 434 | 434 | 707 | 608 | 782 | 707 | 608 | 707 |
| 16 | 782 | 434 | 911 | 707 | 868 | 521 | 521 | 608 | 608 | 782 | 260 | 260 |
| 17 | 868 | 782 | 707 | 707 | 608 | 608 | 868 | 868 | 955 | 868 | 694 | 564 |
| 18 | 608 | 782 | 868 | 868 | 738 | 782 | 608 | 707 | 521 | 787 | 782 | 707 |
| 19 | - | - | - | - | - | - | 782 | 868 | 707 | 608 | 608 | 521 |
| 20 | 347 | 434 | 347 | 347 | 434 | 434 | 521 | 477 | 347 | 347 | 260 | 260 |
| 21 | 260 | 347 | 347 | 434 | 521 | 608 | 911 | 955 | 608 | 782 | 707 | 608 |
| 22 | 868 | 782 | 782 | 707 | 521 | 707 | 782 | 782 | 521 | 521 | 347 | 260 |
| 23 | 521 | 868 | 1035 | 1035 | 955 | 707 | 782 | 868 | 1035 | 955 | 868 | 707 |
| 24 | 434 | 347 | 434 | 434 | 434 | 347 | 608 | 608 | 434 | 260 | 434 | 434 |
| 25 | 347 | 347 | 347 | 347 | 347 | 434 | 608 | 608 | 868 | 707 | 608 | 608 |
| 26 | 260 | 608 | 868 | 1035 | 1155 | 868 | 658 | 782 | 1035 | 782 | 521 | 434 |
| 27 | 1115 | 1115 | 1115 | 1035 | 707 | 521 | 707 | 995 | 1035 | 868 | 782 | 782 |
| 28 | 434 | 434 | 521 | 521 | 707 | 521 | 652 | 1075 | 1115 | 1115 | 1115 | 955 |
| 29 | 521 | 434 | 521 | 608 | 707 | 707 | 707 | 955 | 1115 | 1194 | 1194 | 1035 |
| 30 | 1115 | 868 | 434 | 434 | 521 | 608 | 434 | 434 | 347 | 347 | 347 | 434 |
| 31 | 347 | 434 | 347 | 390 | 521 | 608 | 521 | 434 | 347 | 434 | 434 | 347 |
| Promedio | 653 | 671 | 672 | 599 | 579 | 576 | 621 | 664 | 670 | 674 | 600 | 562 |

## IONES LIVIANOS NEGATIVOS "n-" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 602 | 602 | 451 | 376 | 312 | 312 | 312 | 828 | 752 | 602 | 451 | 312 |
| 2 | 976 | 1077 | 976 | 828 | 526 | 526 | 457 | 451 | 451 | 376 | 451 | 226 |
| 3 | 376 | 339 | 526 | 312 | 312 | 451 | 231 | 960 | 1052 | 344 | 682 | 715 |
| 4 | 451 | 451 | 312 | 226 | 226 | 150 | - | - | - | 226 | 226 | 312 |
| 5 | 226 | 226 | 226 | 226 | 226 | 226 | 150 | 451 | 526 | 382 | 312 | 312 |
| 6 | 526 | 376 | 376 | 226 | 376 | 451 | 676 | 602 | 602 | 526 | 526 | 526 |
| 7 | 676 | 226 | - | - | - | - | - | - | - | - | 526 | 451 |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | - | - | - | - | 790 | 676 | 602 |
| 10 | 451 | 451 | 451 | 451 | 414 | 451 | 602 | 676 | 752 | 676 | 676 | 602 |
| 11 | 1188 | 676 | 312 | 312 | 602 | 828 | 676 | 150 | 75 | 226 | 226 | 226 |
| 12 | 226 | 226 | 226 | 226 | 150 | 150 | 75 | 75 | 226 | 226 | 226 | 226 |
| 13 | 75 | 150 | 150 | 226 | 226 | 226 | 150 | 150 | 150 | 226 | 150 | 226 |
| 14 | 226 | 226 | 226 | 226 | 226 | 226 | 150 | 376 | 752 | 828 | 676 | 676 |
| 15 | 848 | 1250 | 1074 | 269 | 226 | 226 | 150 | 312 | 513 | 451 | 451 | 526 |
| 16 | 312 | 312 | 376 | 312 | 226 | 226 | 226 | 451 | 602 | 1320 | 451 | 451 |
| 17 | 376 | 312 | 226 | 226 | 188 | 312 | 338 | 752 | 828 | 752 | 526 | 526 |
| 18 | 526 | 676 | 752 | 752 | 676 | 676 | 526 | 602 | 451 | 676 | 676 | 602 |
| 19 | - | - | - | - | - | 676 | 752 | 434 | 312 | 312 | 226 | 226 |
| 20 | 226 | 312 | 312 | 376 | 451 | 526 | 828 | 602 | 526 | 526 | 451 | 526 |
| 21 | 376 | 312 | 312 | 376 | 376 | 451 | 376 | 828 | 526 | 676 | 602 | 526 |
| 22 | 526 | 752 | 676 | 676 | 602 | 451 | 602 | 676 | 676 | 451 | 312 | 260 |
| 23 | 226 | 376 | 344 | 602 | 526 | 376 | 526 | 677 | 828 | 828 | 752 | 752 |
| 24 | 376 | 312 | 376 | 344 | 312 | 376 | 312 | 526 | 376 | 226 | 376 | 790 |
| 25 | 226 | 226 | 226 | 312 | 312 | 269 | 150 | 414 | 451 | 376 | 312 | 526 |
| 26 | 226 | 451 | 752 | 676 | 451 | 376 | 269 | 526 | 1115 | 1052 | 905 | 752 |
| 27 | 602 | 526 | 376 | 312 | 312 | 269 | 312 | 639 | 752 | 752 | 676 | 676 |
| 28 | 226 | 226 | 226 | 150 | 269 | 312 | 489 | 864 | 976 | 1250 | 976 | 828 |
| 29 | 226 | 226 | 226 | 312 | 312 | 226 | 312 | 752 | 1052 | 1052 | 1052 | 905 |
| 30 | 1052 | 727 | 864 | 1039 | 752 | 457 | 226 | 150 | 150 | 312 | 376 | 312 |
| 31 | 226 | 226 | 226 | 226 | 226 | 150 | 150 | 150 | 226 | 269 | 226 | 226 |
| Promedio | 449 | 437 | 429 | 392 | 363 | 370 | 371 | 521 | 581 | 576 | 505 | 494 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 347 | 347 | 347 | 434 | 521 | 434 | 347 | 521 | 955 | 260 | 347 | 782 | 594 |
| 347 | 434 | 871 | 955 | 707 | 707 | 782 | 521 | 434 | 521 | 521 | 608 | 679 |
| 434 | 434 | 303 | 521 | 521 | 1258 | 707 | 434 | 347 | 434 | 818 | 1195 | 600 |
| 608 | 782 | 868 | 707 | 707 | 434 | 477 | 434 | 347 | 260 | 347 | 434 | 598 |
| - | - | - | - | - | - | - | - | - | - | - | - | 434 |
| 608 | 608 | 608 | 260 | 347 | 434 | 269 | 174 | 347 | 521 | 707 | 1115 | 550 |
| 608 | 434 | 608 | 1035 | 1035 | 1194 | 1115 | 868 | 707 | 521 | 1035 | 376 | 718 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 868 | 868 | 782 | 868 | 868 | 608 | 434 | 347 | 347 | 347 | 347 | 782 | 707 |
| 868 | 782 | 868 | 868 | 707 | 707 | 608 | 521 | 608 | 521 | 707 | 608 | 765 |
| 260 | 260 | 521 | 521 | 260 | 260 | 260 | 521 | 434 | 347 | 174 | 174 | 458 |
| 260 | 260 | 347 | 347 | 477 | 608 | 434 | 217 | 434 | 434 | 434 | 434 | 351 |
| 260 | 260 | 260 | 217 | 260 | 434 | 434 | 434 | 347 | 347 | 260 | 303 | 305 |
| 1115 | 1115 | 868 | 955 | 1035 | 707 | 521 | 434 | 347 | 347 | 434 | 825 | 630 |
| 707 | 782 | 782 | 868 | 608 | 608 | 707 | 707 | 521 | 521 | 707 | 782 | 753 |
| 260 | 434 | 521 | 521 | 521 | 521 | 782 | 521 | 521 | 347 | 434 | 707 | 556 |
| 868 | 868 | 1035 | 1035 | 1035 | 707 | 608 | 521 | 434 | 347 | 347 | 390 | 720 |
| 608 | 434 | 570 | 347 | 434 | 434 | 521 | - | - | - | - | - | 637 |
| 608 | 608 | 608 | 521 | 434 | 434 | 608 | 347 | 260 | 347 | 347 | 434 | 536 |
| 347 | 260 | 434 | 434 | 521 | 521 | 521 | 347 | 347 | 347 | 347 | 347 | 389 |
| 608 | 521 | 608 | 521 | 347 | 347 | 434 | 174 | 260 | 347 | 434 | 570 | 511 |
| 347 | 347 | 347 | 347 | 434 | 521 | 434 | 434 | 347 | 521 | 434 | 347 | 518 |
| 868 | 868 | 782 | 1035 | 955 | 1035 | 868 | 521 | 521 | 782 | 707 | 434 | 821 |
| 434 | 521 | 347 | 434 | 707 | 707 | 782 | 608 | 347 | 434 | 434 | 347 | 471 |
| 707 | 782 | 608 | 608 | 608 | 521 | 521 | 347 | 347 | 260 | 347 | 260 | 504 |
| 347 | 347 | 347 | 347 | 434 | 565 | 707 | 707 | 782 | 868 | 955 | 955 | 682 |
| 782 | 782 | 868 | 868 | 707 | 707 | 521 | 434 | 347 | 347 | 347 | 434 | 747 |
| 868 | 868 | 782 | 707 | 707 | 707 | 782 | 521 | 434 | 347 | 434 | 347 | 694 |
| 1035 | 1115 | 1115 | 1035 | 1035 | 868 | 608 | 434 | 347 | 434 | 1194 | 1115 | 835 |
| 521 | 434 | 434 | 521 | 434 | 434 | 347 | 347 | 260 | 347 | 434 | 434 | 470 |
| 347 | 347 | 347 | 347 | 260 | 347 | 434 | 434 | 347 | 347 | 303 | 303 | 389 |
| 581 | 583 | 613 | 627 | 608 | 613 | 571 | 458 | 431 | 422 | 512 | 566 | 588 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 312 | 312 | 312 | 376 | 451 | 376 | 312 | 451 | 823 | 226 | 312 | 640 | 451 |
| 226 | 312 | 564 | 638 | 526 | 602 | 451 | 150 | 312 | 188 | 312 | 312 | 496 |
| 1047 | 526 | 376 | 489 | 752 | 1235 | 1460 | 1625 | 1595 | 828 | 1250 | 752 | 760 |
| 451 | 451 | 451 | 312 | 226 | 312 | 376 | 226 | 150 | 226 | 226 | 226 | 296 |
| 150 | 601 | 376 | 376 | 451 | 226 | 312 | 312 | 376 | 451 | 451 | 451 | 334 |
| 526 | 226 | 312 | 376 | 263 | 150 | 269 | 413 | 602 | 974 | 752 | 312 | 457 |
| 526 | 376 | 526 | 895 | 905 | 1033 | 970 | 790 | 609 | 419 | 864 | 376 | 636 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 602 | 602 | 526 | 451 | 451 | 376 | 226 | 226 | 226 | 226 | 226 | 451 | 444 |
| 602 | 602 | 602 | 602 | 602 | 526 | 526 | 376 | 312 | 226 | 226 | 676 | 522 |
| 226 | 226 | 312 | 376 | 451 | 312 | 312 | 226 | 150 | 226 | 226 | 226 | 365 |
| 226 | 312 | 312 | 376 | 451 | 376 | 312 | 226 | 188 | 312 | 188 | 150 | 237 |
| 226 | 226 | 226 | 226 | 312 | 312 | 419 | 226 | 75 | 150 | 150 | 226 | 203 |
| 602 | 676 | 602 | 526 | 676 | 489 | 376 | 312 | 226 | 150 | 150 | 263 | 411 |
| 526 | 526 | 526 | 526 | 526 | 526 | 376 | 226 | 150 | 226 | 376 | 376 | 466 |
| 526 | 676 | 714 | 676 | 526 | 451 | 226 | 150 | 75 | 150 | 150 | 226 | 409 |
| 526 | 602 | 602 | 602 | 602 | 451 | 526 | 451 | 376 | 312 | 312 | 376 | 462 |
| 526 | 376 | 526 | 312 | 376 | 376 | 451 | - | - | - | - | - | 554 |
| 312 | 226 | 376 | 376 | 451 | 451 | 451 | 312 | 312 | 312 | 312 | 312 | 376 |
| 526 | 526 | 451 | 376 | 376 | 526 | 312 | 226 | 312 | 312 | 376 | 312 | 429 |
| 526 | 451 | 526 | 451 | 451 | 312 | 312 | 376 | 150 | 226 | 312 | 376 | 425 |
| 312 | 312 | 312 | 312 | 376 | 376 | 312 | 226 | 226 | 312 | 226 | 226 | 424 |
| 752 | 752 | 752 | 905 | 828 | 752 | 602 | 376 | 269 | 526 | 451 | 376 | 590 |
| 451 | 451 | 312 | 226 | 602 | 676 | 602 | 312 | 188 | 226 | 226 | 226 | 383 |
| 526 | 526 | 526 | 451 | 451 | 451 | 226 | 150 | 226 | 226 | 226 | 226 | 334 |
| 676 | 676 | 752 | 676 | 676 | 602 | 602 | 418 | 376 | 451 | 451 | 676 | 608 |
| 676 | 752 | 676 | 752 | 602 | 526 | 344 | 269 | 226 | 226 | 226 | 269 | 490 |
| 676 | 602 | 602 | 526 | 451 | 451 | 376 | 226 | 226 | 226 | 226 | 226 | 434 |
| 828 | 828 | 676 | 676 | 676 | 602 | 312 | 226 | 226 | 226 | 752 | 826 | 563 |
| 312 | 312 | 376 | 312 | 269 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 399 |
| 312 | 312 | 312 | 226 | 226 | 226 | 312 | 226 | 226 | 226 | 312 | 344 | 241 |
| 490 | 478 | 484 | 480 | 499 | 477 | 430 | 343 | 325 | 311 | 362 | 368 | 441 |

## IONES PESADOS POSITIVOS "N+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3585 | 5380 | 4490 | 6295 | 10770 | 9860 | 9860 | 3585 | 3585 | 6295 | 6295 | 10770 |
| 2 | 1795 | 2690 | 2690 | 2690 | 3585 | 5380 | 4490 | 5380 | 6295 | 5380 | 8060 | 8060 |
| 3 | 8060 | 4490 | 5380 | 7180 | 10770 | 12590 | 7180 | 8060 | 8060 | - | - | - |
| 4 | 3585 | 4490 | 8060 | 8950 | 9860 | 7180 | 13430 | 13430 | 11690 | 5380 | 6295 | 7180 |
| 5 | 7180 | 8950 | 9860 | 9860 | 11690 | 16130 | 25150 | 6295 | 6295 | 8060 | 9860 | 9860 |
| 6 | 4490 | 4490 | 7180 | 7180 | 17050 | 7180 | 11690 | 6295 | 4490 | 3585 | 3585 | 2690 |
| 7 | 6295 | 8060 | 7180 | 9860 | - | - | - | - | - | 6295 | 7180 | 5380 |
| 8 | 4490 | 3585 | 5380 | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | - | - | - | - | - | 6295 | 3585 |
| 10 | 3585 | 7180 | 5380 | 6295 | 5380 | 8060 | 5380 | 7180 | 6295 | 5380 | 5380 | 4490 |
| 11 | 6295 | 5380 | 10770 | 6295 | 7180 | 8060 | 6295 | 6295 | 8060 | 6295 | 8950 | 9860 |
| 12 | 17050 | 17950 | 18870 | 17950 | 17050 | 13430 | 9860 | 13430 | 7180 | 7180 | 10770 | 11690 |
| 13 | 8060 | 10770 | 12590 | 11690 | 12590 | 5380 | 9860 | 8950 | 13430 | 17050 | 15250 | 17050 |
| 14 | 16130 | 18870 | 18870 | 17950 | 17050 | 20350 | 14350 | 6295 | 2690 | 2690 | 2690 | 2690 |
| 15 | 4490 | 7180 | 3585 | 6295 | 7180 | 7180 | 7180 | 4490 | 2690 | 1795 | 2690 | 2690 |
| 16 | 6295 | 5380 | 4490 | 4490 | 5380 | 8060 | 8060 | 5380 | 5380 | 6295 | 7180 | 7180 |
| 17 | 4490 | 5380 | 6295 | 4490 | 8060 | 13430 | 5380 | 3585 | 3585 | 5380 | 4490 | 4490 |
| 18 | 11690 | 5380 | 4490 | 4490 | 4490 | 4490 | 6295 | 4490 | 6295 | 4490 | 3585 | 3585 |
| 19 | 7180 | 7180 | 6295 | 5380 | 5380 | 9860 | 6295 | 4490 | 6295 | 8060 | 8060 | 8060 |
| 20 | 17050 | 15250 | 12590 | 13430 | 13430 | 16130 | 14350 | 8060 | 8060 | 9860 | 13430 | 13430 |
| 21 | 16130 | 14350 | 14350 | 10770 | 8950 | 7180 | 6295 | 5380 | 4490 | 7180 | 6295 | 9860 |
| 22 | 5380 | 6295 | 5380 | 5380 | 11690 | 8950 | 8060 | 5380 | 7180 | 8060 | 8060 | 9860 |
| 23 | 13430 | 6295 | 6295 | 5380 | 5380 | 8060 | 6295 | 7180 | 3585 | 5380 | 7180 | 6295 |
| 24 | 5380 | 8060 | 9860 | 10770 | 12590 | 17050 | 14350 | 5380 | 10770 | 15250 | 14350 | 17050 |
| 25 | 15250 | 16130 | 13430 | 15250 | 16130 | 14350 | 16130 | 8950 | 5380 | 7180 | 8950 | 8950 |
| 26 | 17050 | 6295 | 4490 | 4490 | 3585 | 5380 | 6295 | 5380 | 4490 | 6295 | 8060 | 8060 |
| 27 | 6295 | 6295 | 6295 | 6295 | 8950 | 11690 | 9860 | 7180 | 7180 | 6295 | 9860 | 11690 |
| 28 | 18870 | 13430 | 12590 | 8950 | 9860 | 9860 | 11690 | 8060 | 6295 | 5380 | 6295 | 8950 |
| 29 | 13430 | 13430 | 13430 | 10770 | 8060 | 13430 | 12590 | 7180 | 7180 | 6295 | 6295 | 6295 |
| 30 | 3585 | 6295 | 8060 | 6295 | 3585 | 5380 | 9860 | 11690 | - | 13430 | 11690 | 9860 |
| 31 | 13430 | 15250 | 14350 | 14350 | 17050 | 17050 | 20700 | 20700 | 12590 | 9860 | 8950 | 9860 |
| Promedio | 9001 | 8672 | 8766 | 8602 | 9740 | 10397 | 10258 | 7434 | 6648 | 7145 | 7794 | 8257 |

## IONES PESADOS NEGATIVOS "N−" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3585 | 5380 | 6295 | 8060 | 11690 | 10770 | 9860 | 5380 | 5380 | 7180 | 9860 | 13430 |
| 2 | 898 | 898 | 3585 | 3585 | 3585 | 3585 | 6295 | 5380 | 4490 | 9860 | 6295 | 8060 |
| 3 | 4490 | 4490 | 5380 | 9860 | 17950 | 8060 | 7180 | 11690 | 6295 | - | - | - |
| 4 | 5380 | 5380 | 2690 | 8060 | 8060 | 8060 | 12590 | 13430 | 8060 | 3585 | 5380 | 4490 |
| 5 | 8060 | 8950 | 9860 | 8060 | 10770 | 16130 | 13430 | 6295 | 5380 | 6295 | 4490 | 3585 |
| 6 | 3585 | 4490 | 7180 | 8060 | 11690 | 8950 | 5380 | 4490 | 2690 | 1795 | 898 | 2690 |
| 7 | 8060 | 8060 | 4490 | 8060 | - | - | - | - | - | 9860 | 6295 | 4490 |
| 8 | 6295 | 5380 | 4490 | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | - | - | - | - | - | - | 6295 | 4490 |
| 10 | 4490 | 1795 | 1795 | 2690 | 2690 | 1795 | 2690 | 2690 | 898 | 2690 | 1795 | 3585 |
| 11 | 4490 | 3585 | 5380 | 5380 | 6295 | 4490 | 5380 | 13430 | 7180 | 6295 | 8950 | 9860 |
| 12 | 17050 | 17950 | 17950 | 18870 | 18870 | 13430 | 8060 | 3585 | 6295 | 6295 | 8060 | 11690 |
| 13 | 8950 | 10770 | 14350 | 13430 | 9860 | 5380 | 8950 | 10770 | 15250 | 17950 | 18870 | 17950 |
| 14 | 20350 | 20700 | 18870 | 21250 | 20350 | 20350 | 12590 | 6295 | 3585 | 4490 | 2690 | 3585 |
| 15 | 5380 | 4490 | 3585 | 7180 | 8060 | 6295 | 7180 | 4490 | 3585 | 3585 | 3585 | 2690 |
| 16 | 6295 | 7180 | 6295 | 5380 | 6295 | 8060 | 7180 | 6295 | 7180 | 8950 | 6295 | 7180 |
| 17 | 6295 | 6295 | 6295 | 6295 | 13430 | 13430 | 4490 | 3585 | 5380 | 9860 | 6295 | 5380 |
| 18 | 7180 | 4490 | 4490 | 4490 | 5380 | 6295 | 6295 | 5380 | 8060 | 4490 | 4490 | 4490 |
| 19 | 9860 | 8060 | 8060 | 7180 | 7180 | 9860 | 6295 | 7180 | 8060 | 9860 | 9860 | 9860 |
| 20 | 17050 | 16130 | 15250 | 15250 | 17950 | 17050 | 12590 | 9860 | 8950 | 12590 | 14350 | 14350 |
| 21 | 17050 | 16130 | 16130 | 13430 | 11690 | 8950 | 6295 | 5380 | 7180 | 7180 | 9860 | 8060 |
| 22 | 6295 | 8060 | 6295 | 9860 | 9860 | 11690 | 5380 | 7180 | 9860 | 9860 | 11690 | 12590 |
| 23 | 10770 | 6295 | 6295 | 5380 | 6295 | 8060 | 7180 | 7180 | 4490 | 5380 | 7180 | 9860 |
| 24 | 8060 | 20700 | 11690 | 12590 | 13430 | 20700 | 12590 | 6295 | 12590 | 15250 | 17050 | 17050 |
| 25 | 14350 | 15250 | 14350 | 13430 | 17050 | 18870 | 16130 | 3585 | 6295 | 6295 | 12590 | 9860 |
| 26 | 17050 | 4490 | 4490 | 4490 | 4490 | 8060 | 7180 | 5380 | 6295 | 8060 | 8060 | 8950 |
| 27 | 6295 | 6295 | 6295 | 8060 | 9860 | 14350 | 9860 | 8060 | 8950 | 9860 | 12590 | 11690 |
| 28 | 16130 | 14350 | 11690 | 12590 | 13430 | 13430 | 8950 | 8950 | 7180 | 5380 | 8060 | 8950 |
| 29 | 13430 | 14350 | 14350 | 12590 | 8950 | 11690 | 13430 | 8060 | 8060 | 8060 | 7180 | 6295 |
| 30 | 4490 | 6295 | 4490 | 3585 | 4490 | 7180 | 12590 | 12590 | - | 12590 | 11690 | 9860 |
| 31 | 14350 | 16130 | 17050 | 17050 | 20350 | 20700 | 20350 | 20350 | 9860 | 9860 | 11690 | 8950 |
| Promedio | 9200 | 9094 | 8647 | 9464 | 10714 | 10917 | 9156 | 7615 | 6944 | 7978 | 8358 | 8413 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13430 | 13430 | 12590 | 10770 | 8060 | 8060 | 8060 | 10770 | 9860 | 10770 | 12590 | 5380 | 8523 |
| 8060 | 9860 | 5380 | 4490 | 4490 | 4490 | 3585 | 10770 | 10770 | 10770 | 11690 | 10770 | 6317 |
| - | - | - | - | - | 5380 | 6295 | 7180 | 6295 | 4490 | 6295 | 5380 | 7067 |
| 5380 | 5380 | 5380 | 4490 | 4490 | 11690 | 6295 | 9860 | 17950 | 20700 | 12590 | 8060 | 8825 |
| 7180 | 5380 | 4490 | 4490 | 5380 | 8060 | 8060 | 6295 | 7180 | 7180 | 6295 | 6295 | 8561 |
| 2690 | 5380 | 5380 | 14350 | 14350 | 9860 | 8950 | 17050 | 14350 | 18870 | 5380 | 6295 | 8450 |
| 5380 | 4490 | 4490 | 4490 | 4490 | 5380 | 7180 | 20700 | 14350 | 8060 | 9860 | 6295 | 7653 |
| - | - | - | - | - | - | - | - | - | - | - | - | 4485 |
| 3585 | 1795 | 2690 | 2690 | 2690 | 6295 | 8060 | 9860 | 11690 | 11690 | 9860 | 4490 | 6091 |
| 1795 | 2690 | 1795 | 2690 | 898 | 4490 | 4490 | 5380 | 6295 | 9860 | 7180 | 7180 | 5197 |
| 9860 | 8060 | 8060 | 5380 | 5380 | 8060 | 6295 | 8950 | 11690 | 15250 | 18870 | 17950 | 8897 |
| 12590 | 11690 | 11690 | 11690 | 10770 | 6295 | 9860 | 11690 | 9860 | 6295 | 8950 | 8950 | 11781 |
| 17050 | 15250 | 15250 | 13430 | 9860 | 11690 | 9860 | 11690 | 13430 | 15250 | 17050 | 16130 | 12858 |
| 2690 | 1795 | 1795 | 1795 | 3585 | 2690 | 5380 | 6295 | 9860 | 11690 | 12590 | 5380 | 8590 |
| 2690 | 1795 | 2690 | 2690 | 3585 | 2690 | 4490 | 5380 | 8060 | 8950 | 6295 | 6295 | 4711 |
| 7180 | 7180 | 5380 | 4490 | 5380 | 5380 | 4490 | 8060 | 11690 | 15250 | 11690 | 7180 | 6955 |
| 4490 | 3585 | 2690 | 2690 | 3585 | 5380 | 5380 | 12590 | 12590 | 12590 | 14350 | 12590 | 6732 |
| 4490 | 4490 | 3585 | 5380 | 4490 | 6295 | 5380 | 7180 | 7180 | 8060 | 6295 | 7180 | 5574 |
| 7180 | 7180 | 7180 | 8060 | 7180 | 11690 | 10770 | 17950 | 21520 | 17950 | 15250 | 13430 | 9495 |
| 15250 | 14350 | 10770 | 10770 | 8060 | 7180 | 10770 | 13430 | 17050 | 20350 | 17050 | 15250 | 13139 |
| 7180 | 8060 | 7180 | 8060 | 11690 | 12590 | 14350 | 14350 | 18870 | 17950 | 8950 | 8060 | 10355 |
| 12590 | 11690 | 11690 | 11690 | 9860 | 9860 | 10770 | 11690 | 12590 | 8950 | 7180 | 16130 | 9348 |
| 6295 | 5380 | 7180 | 5380 | 6295 | 5380 | 8060 | 8060 | 10770 | 6295 | 7180 | 6295 | 6805 |
| 17050 | 9860 | 9860 | 13430 | 8060 | 8060 | 7180 | 8060 | 11690 | 11690 | 13430 | 13430 | 11361 |
| 6295 | 6295 | 4490 | 4490 | 4490 | 6295 | 8060 | 15250 | 18870 | 17950 | 18870 | 18870 | 11513 |
| 8060 | 7180 | 6295 | 7180 | 6295 | 6295 | 6295 | 9860 | 7180 | 7180 | 8060 | 7180 | 6955 |
| 11690 | 11690 | 9860 | 9860 | 8950 | 9860 | 12590 | 17050 | 23360 | 20350 | 17050 | 18870 | 11211 |
| 8060 | 8060 | 9860 | 9860 | 9860 | 10770 | 7180 | 8060 | 11690 | 17050 | 15250 | 15250 | 10466 |
| 6295 | 4490 | 5380 | 4490 | 4490 | 5380 | 10770 | 15250 | 14350 | 17950 | 5380 | 4490 | 9046 |
| 9860 | 8060 | 8060 | 8060 | 8060 | 10770 | 11690 | 14350 | 14350 | 15250 | 12590 | 11690 | 9718 |
| 8950 | 8950 | 8950 | 9860 | 9860 | 10770 | 10770 | 12590 | 16130 | 17050 | 10770 | 11690 | 12936 |
| 8045 | 7362 | 6899 | 7145 | 6711 | 7569 | 8045 | 11188 | 12717 | 13057 | 11161 | 10081 | 8862 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15250 | 14350 | 12590 | 10770 | 8060 | 8060 | 9860 | 10770 | 10770 | 11690 | 8060 | 1795 | 9121 |
| 9860 | 10770 | 5380 | 2690 | 4490 | 4490 | 5380 | 8950 | 9860 | 10770 | 8060 | 8060 | 6053 |
| - | - | - | - | - | 5380 | 7180 | 2690 | 2690 | 2690 | 2690 | 2690 | 6338 |
| 4490 | 4490 | 3585 | 2690 | 4490 | 6295 | 4490 | 9860 | 14350 | 20350 | 8060 | 8060 | 7349 |
| 7180 | 4490 | 4490 | 3585 | 2690 | 7180 | 6295 | 8060 | 8060 | 6295 | 8060 | 6295 | 7249 |
| 898 | 1795 | 8060 | 13430 | 5380 | 6295 | 3585 | 13430 | 10770 | 4490 | 2690 | 4490 | 5717 |
| 6295 | 4490 | 4490 | 4490 | 6295 | 6295 | 5380 | 12590 | 5380 | 9860 | 7180 | 7180 | 6802 |
| - | - | - | - | - | - | - | - | - | - | - | - | 5388 |
| 3585 | 3585 | 3585 | 2690 | 2690 | 8060 | 8060 | 13430 | 11690 | 9860 | 8950 | 898 | 6276 |
| 2690 | 1795 | 1795 | 1795 | 3585 | 3585 | 4490 | 5380 | 5380 | 9860 | 5380 | 8060 | 3475 |
| 9860 | 8060 | 4490 | 3585 | 4490 | 3585 | 4490 | 8060 | 10770 | 16130 | 18870 | 17950 | 7961 |
| 10770 | 12590 | 8060 | 6295 | 5380 | 3585 | 8950 | 8950 | 6295 | 8950 | 8060 | 6295 | 10095 |
| 18870 | 17050 | 13430 | 11690 | 11690 | 11690 | 8950 | 9860 | 13430 | 16130 | 17050 | 18870 | 13383 |
| 2690 | 2690 | 3585 | 3585 | 3585 | 5380 | 6295 | 7180 | 14350 | 14350 | 11690 | 5380 | 9838 |
| 3585 | 4490 | 3585 | 3585 | 3585 | 5380 | 5380 | 7180 | 8060 | 8950 | 7180 | 8060 | 5380 |
| 8060 | 7180 | 6295 | 6295 | 6295 | 5380 | 5380 | 10770 | 15250 | 18870 | 9860 | 7180 | 7892 |
| 4490 | 5380 | 5380 | 4490 | 7180 | 6295 | 5380 | 12590 | 13430 | 15250 | 13430 | 13430 | 8073 |
| 4490 | 4490 | 4490 | 6295 | 6295 | 7180 | 8060 | 8060 | 9860 | 8060 | 7180 | 9860 | 6244 |
| 8060 | 8060 | 8060 | 8950 | 13430 | 11690 | 13430 | 21520 | 23360 | 17950 | 20700 | 15250 | 11324 |
| 14350 | 14350 | 10770 | 10770 | 9860 | 8950 | 10770 | 17050 | 18870 | 21520 | 18870 | 17950 | 14394 |
| 9860 | 8060 | 8060 | 11690 | 13430 | 13430 | 14350 | 20350 | 20700 | 17950 | 9860 | 7180 | 11761 |
| 13430 | 13430 | 11690 | 12590 | 12590 | 13430 | 12590 | 13430 | 14350 | 8950 | 13430 | 17050 | 11066 |
| 6295 | 8060 | 8950 | 6295 | 7180 | 8060 | 8950 | 9860 | 10770 | 8060 | 8060 | 7180 | 7587 |
| 17950 | 22400 | 13430 | 10770 | 8060 | 7180 | 7180 | 9860 | 11690 | 12590 | 14350 | 14350 | 13242 |
| 6295 | 6295 | 6295 | 3585 | 8060 | 7180 | 9860 | 17050 | 20700 | 20700 | 18870 | 18870 | 12159 |
| 8060 | 8060 | 8060 | 8060 | 8060 | 7180 | 8060 | 8950 | 8950 | 7180 | 8060 | 7180 | 7619 |
| 12590 | 12590 | 10770 | 9860 | 9860 | 12590 | 17950 | 23360 | 23360 | 20350 | 18870 | 22400 | 12779 |
| 9860 | 9860 | 9860 | 10770 | 9860 | 7180 | 8950 | 15250 | 13430 | 17050 | 15250 | 15250 | 11319 |
| 7180 | 5380 | 5380 | 6295 | 5380 | 7180 | 13430 | 16130 | 26000 | 14350 | 5380 | 4490 | 10126 |
| 8950 | 8950 | 10770 | 8060 | 9860 | 10770 | 13430 | 17050 | 15250 | 14350 | 11690 | 15250 | 10184 |
| 8950 | 8950 | 8950 | 9860 | 11690 | 9860 | 10770 | 13430 | 20350 | 17950 | 22400 | 27800 | 14902 |
| 444 | 8349 | 7391 | 7087 | 7362 | 7626 | 8577 | 12037 | 13272 | 13050 | 11275 | 10825 | 9241 |

## COMPONENTE NORTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22.3 | 34.3 | 32.7 | 25.8 | 29.2 | 27.4 | 36.0 | 36.0 | 37.8 | 36.0 | 32.7 | 32.7 | 41.2 |
| 2 | 29.2 | 25.8 | 30.9 | 25.8 | 29.2 | 29.2 | 25.8 | 29.2 | 27.4 | 32.7 | 32.7 | 32.7 | 32.7 |
| 3 | 24.0 | 25.8 | 25.8 | 29.2 | 27.4 | 27.4 | 24.0 | 32.7 | 34.3 | 37.8 | 36.0 | 44.7 | 51.5 |
| 4 | 25.8 | 29.2 | 24.0 | 25.8 | 27.4 | 25.8 | 25.8 | 32.7 | 24.0 | 32.7 | 39.5 | 37.8 | 30.9 |
| 5 | 27.4 | 27.4 | 25.8 | 29.2 | 29.2 | 25.8 | 22.3 | 27.4 | 30.9 | 36.0 | 37.8 | 41.2 | 24.0 |
| 6 | 25.8 | 29.2 | 32.7 | 30.9 | 29.2 | 27.4 | - | - | 34.3 | 30.9 | 44.7 | 29.2 | 32.7 |
| 7 | 27.4 | 32.7 | 34.3 | 29.2 | - | - | - | - | - | 41.2 | 46.3 | 46.3 | 39.5 |
| 8 | 37.8 | 34.3 | 25.8 | 24.0 | 24.0 | 22.3 | 25.8 | 24.0 | 20.6 | 29.2 | 43.0 | 41.2 | 32.7 |
| 9 | 24.0 | 25.8 | 24.0 | 25.8 | 27.4 | 24.0 | 25.8 | 25.8 | 27.4 | 36.0 | 41.2 | 30.9 | 30.9 |
| 10 | 25.8 | 24.0 | 20.6 | 25.8 | 22.3 | 22.3 | 24.0 | 27.4 | 30.9 | 29.2 | 24.0 | 32.7 | 22.3 |
| 11 | 48.1 | 41.2 | 39.5 | 30.9 | 27.4 | 20.6 | 15.4 | 20.6 | 24.0 | 27.4 | 27.4 | 34.3 | 22.3 |
| 12 | 13.8 | 13.8 | 22.3 | 10.3 | 15.4 | 15.4 | 13.8 | 15.4 | 20.6 | 24.0 | 24.0 | 27.4 | 15.4 |
| 13 | 12.0 | 17.2 | 18.9 | 5.2 | 6.9 | 10.3 | 6.9 | 6.9 | 13.8 | 20.6 | 20.6 | 20.6 | - |
| 14 | 3.4 | 6.9 | 1.7 | 1.7 | 3.4 | 6.9 | 1.7 | 1.7 | - 2.7 | 8.6 | 17.2 | 15.4 | 8.6 |
| 15 | - 1.4 | - | - | 3.4 | 13.8 | 12.0 | 3.4 | 3.4 | 1.7 | 1.7 | 3.4 | 1.7 | 8.6 |
| 16 | - 1.4 | 3.4 | - 8.1 | - 1.4 | - 1.4 | - 4.1 | - 2.7 | - 1.7 | - 5.4 | 3.4 | 8.6 | 1.7 | 1.7 |
| 17 | - 5.4 | - 4.1 | - 5.4 | - 1.4 | - 1.4 | - 2.7 | - 1.4 | - 1.4 | - 2.7 | 1.7 | 15.4 | 1.7 | 6.9 |
| 18 | - | - | - | - | - | - | - | - | 10.3 | 8.6 | - 1.4 | - 1.4 | 15.4 |
| 19 | 3.4 | 1.7 | - 1.4 | - 1.4 | - 1.4 | 1.7 | - 1.4 | - 1.4 | - 1.4 | 6.9 | 12.0 | 15.4 | 12.0 |
| 20 | 3.4 | - 1.4 | - 1.4 | 3.4 | 3.4 | 1.7 | 8.6 | 8.6 | 3.4 | 5.2 | 3.4 | 17.2 | 25.8 |
| 21 | - 2.7 | 6.9 | - 1.4 | - 1.4 | 1.7 | 12.0 | 6.9 | 6.9 | 3.4 | 12.0 | 20.6 | 17.2 | 1.7 |
| 22 | 3.4 | 1.7 | 1.7 | 6.9 | 8.6 | 5.2 | 3.4 | 5.2 | 6.9 | 3.4 | 13.8 | 17.2 | 13.8 |
| 23 | 3.4 | 1.7 | 1.7 | 6.9 | 12.0 | 10.3 | 6.9 | 6.9 | 3.4 | 13.8 | 27.4 | 13.8 | 10.3 |
| 24 | 3.4 | 3.4 | 5.2 | 8.6 | 8.6 | 3.4 | 1.7 | 3.4 | - 1.4 | 6.9 | 17.2 | 25.8 | 13.8 |
| 25 | 1.7 | 3.4 | - 1.4 | 6.9 | 6.9 | 18.9 | 15.4 | 8.6 | 1.7 | 6.9 | 6.9 | 12.0 | 13.8 |
| 26 | - 1.4 | - 5.4 | 3.4 | 8.6 | 8.6 | 10.3 | 8.6 | 12.0 | 12.0 | 17.2 | 17.2 | 18.9 | 13.8 |
| 27 | 6.9 | 10.3 | 10.3 | 12.0 | 12.0 | 15.4 | 8.6 | 5.2 | - | - | 15.4 | 17.2 | 13.8 |
| 28 | 6.9 | 12.0 | 6.9 | 13.8 | 10.3 | 17.2 | 8.6 | 6.9 | 10.3 | 17.2 | 12.0 | 15.4 | 18.9 |
| 29 | 6.9 | 3.4 | 6.9 | 12.0 | 17.2 | 18.9 | 12.0 | 12.0 | 12.0 | 13.8 | 24.0 | 20.6 | 13.8 |
| 30 | 15.4 | 17.2 | 22.3 | 37.8 | 34.3 | 43.0 | 29.2 | 24.0 | - | - | 22.3 | 10.3 | 17.2 |
| 31 | 20.6 | 17.2 | 17.2 | 15.4 | 18.9 | 15.4 | 13.8 | 12.0 | 12.0 | 17.2 | 22.3 | 25.8 | 17.2 |
| Prom | 14.2 | 15.1 | 14.3 | 15.0 | 15.5 | 16.0 | 13.2 | 13.9 | 13.9 | 19.2 | 22.8 | 22.5 | 20.1 |
| Var. | 0.1 | 1.0 | 0.2 | 0.9 | 1.4 | 1.9 | - 0.9 | - 0.2 | - 0.2 | 5.1 | 8.7 | 8.4 | 6.0 |

## COMPONENTE ESTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -13.3 | -13.3 | -10.6 | -12.0 | -17.3 | -16.0 | -20.0 | -20.0 | -18.6 | -17.3 | -17.3 | -16.0 | -18.6 |
| 2 | -12.0 | - 9.3 | - 9.3 | -12.0 | -10.6 | -14.6 | -20.0 | -22.6 | -29.3 | -22.6 | -22.6 | -12.0 | -12.0 |
| 3 | - 9.3 | - 9.3 | - 9.3 | - 9.3 | -10.6 | -14.6 | -13.3 | -16.0 | -24.0 | -22.6 | -24.0 | -14.6 | -13.3 |
| 4 | - 9.3 | -12.0 | -12.0 | -13.3 | - 9.3 | - 8.0 | - 8.0 | -13.3 | -24.0 | -29.3 | -22.6 | -13.3 | -13.3 |
| 5 | 3.1 | 3.1 | - 1.3 | - 5.3 | - 8.0 | - 6.7 | -17.3 | -12.0 | -12.0 | -16.0 | -14.6 | -16.0 | -13.3 |
| 6 | - 9.3 | - 6.7 | - 4.0 | - 6.7 | - 9.3 | - 9.3 | - | - | -13.3 | -13.3 | -26.6 | -24.0 | -24.0 |
| 7 | -12.0 | - 9.3 | - 8.0 | - 8.0 | - | - | - | - | - - | -20.0 | -18.6 | - 8.0 | - 4.0 |
| 8 | 1.6 | - 1.3 | 3.1 | - 1.3 | - 1.3 | - 8.0 | - 4.0 | - 5.3 | -16.0 | -17.3 | -17.3 | - 4.0 | - 4.0 |
| 9 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | 1.3 | 1.6 | 1.6 | 2.7 | 2.7 | 4.0 | 5.3 | 5.3 | 4.0 | 9.3 | 10.6 | 10.6 | 13.3 |
| 11 | 4.7 | 15.7 | 18.8 | 9.4 | 4.7 | 7.8 | 6.3 | 4.7 | - 1.3 | - 9.3 | - 8.0 | 7.8 | 6.3 |
| 12 | 7.8 | 12.6 | 12.6 | 4.7 | 1.6 | 1.6 | - 8.0 | - 9.3 | - 6.7 | - 2.7 | - 5.3 | -12.0 | - 9.3 |
| 13 | - 6.7 | 4.7 | 9.4 | - 8.0 | -12.0 | -18.6 | -16.0 | -17.3 | -17.3 | -20.0 | -17.3 | -16.0 | - |
| 14 | 1.6 | 6.3 | 1.6 | 1.6 | - 8.0 | -14.6 | -18.6 | 17.3 | -14.6 | -10.6 | -12.0 | -10.6 | -10.6 |
| 15 | - 2.7 | - | - | - | - | - | - | - | - | -24.0 | -21.3 | -21.3 | -21.3 |
| 16 | - 1.3 | 7.8 | 4.7 | - 1.3 | - 5.3 | - 5.3 | - 9.3 | - 8.0 | -27.9 | -25.3 | -22.6 | - 9.3 | - 9.3 |
| 17 | - 1.3 | 1.6 | 3.1 | - 2.7 | - 4.0 | - 6.7 | - 8.0 | -13.3 | -33.2 | -20.0 | -25.3 | - 1.3 | - 2.7 |
| 18 | - | - | - | - | - | - | - | - | - 1.3 | - 5.3 | -27.9 | -22.6 | -16.0 |
| 19 | 1.6 | 3.1 | 3.1 | 3.1 | 3.1 | 1.6 | 1.6 | 6.7 | -14.6 | -13.3 | - 4.0 | -10.6 | - 6.7 |
| 20 | - 1.3 | 1.6 | 4.7 | 1.6 | 3.1 | 1.6 | - 1.3 | - 4.0 | - 2.7 | - 2.7 | -24.0 | -35.9 | -18.6 |
| 21 | - 9.3 | - 8.0 | - 6.7 | 4.7 | 3.1 | - 1.3 | - 1.3 | -13.3 | -22.6 | -22.6 | -18.6 | - 6.7 | - 4.0 |
| 22 | 1.6 | 3.1 | 3.1 | 1.6 | - 2.7 | - 4.0 | - 2.7 | 4.0 | - 8.0 | - | - | - | - |
| 23 | 4.7 | 3.1 | 3.1 | - 1.3 | - 9.3 | - 1.3 | - 2.7 | -13.3 | -20.0 | -14.6 | -13.3 | - 4.0 | - 1.3 |
| 24 | 1.6 | 3.1 | 1.6 | 1.6 | - 1.3 | - 1.3 | - 1.3 | -14.6 | -18.6 | -13.3 | -16.0 | - 5.3 | - 4.0 |
| 25 | 1.6 | 3.1 | 1.6 | 1.6 | - 1.3 | - 1.3 | - 1.3 | - 2.7 | - 1.3 | - 1.3 | - 1.3 | - 2.7 | - 4.0 |
| 26 | 3.1 | 3.1 | 1.6 | - 1.3 | - 1.3 | - 8.0 | -10.6 | - 6.7 | - 5.3 | - 6.7 | - 8.0 | - 6.7 | - 8.0 |
| 27 | - 2.7 | - 1.3 | - 1.3 | - 4.0 | - 6.7 | - 8.0 | - 8.0 | - 9.3 | -20.0 | -21.3 | -18.6 | - 9.3 | - 6.7 |
| 28 | - 1.3 | - 2.7 | - 2.7 | - 5.3 | - 6.7 | - 6.7 | -16.0 | -16.0 | -21.3 | -20.0 | -16.0 | -20.0 | -18.6 |
| 29 | - 1.3 | - 1.3 | - 1.3 | - 5.3 | - 8.0 | - 9.3 | - 6.7 | -14.6 | -22.6 | -24.0 | -20.0 | - 9.3 | - 8.0 |
| 30 | - 6.7 | - 4.0 | - 1.3 | - 1.3 | - 4.0 | - 9.3 | - 8.0 | -16.0 | - | - | -38.6 | - 9.3 | - 8.0 |
| 31 | - 6.7 | - 6.7 | - 5.3 | - 6.7 | -10.6 | -14.6 | -18.6 | -13.3 | -24.0 | -27.9 | -21.3 | -12.0 | -13.3 |
| Prom | - 2.6 | - 0.4 | 0.0 | - 2.8 | - 5.0 | - 6.7 | - 8.9 | -10.6 | -16.2 | -16.6 | -17.8 | -11.6 | -10.0 |
| Var. | 6.2 | 8.4 | 8.8 | 6.0 | 3.8 | 2.1 | - 0.1 | - 1.8 | - 7.4 | - 7.8 | - 9.0 | - 2.8 | - 1.2 |

## LÍNEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.7 | 15.4 | 6.9 | 12.0 | 18.9 | 25.8 | 25.8 | 24.0 | 24.0 | 25.8 | 22.3 | 27.4 | 2 |
| 29.2 | 25.8 | 27.4 | 222.3 | 24.0 | 29.2 | 27.4 | 29.2 | 27.4 | 29.2 | 27.4 | 28.4 | 1 |
| 49.8 | 48.1 | 51.5 | 53.2 | 34.3 | 27.8 | 43.0 | 36.0 | 32.7 | 24.0 | 25.8 | 35.3 | 1 |
| 20.6 | 15.4 | 18.9 | 18.9 | 22.3 | 27.4 | 30.9 | 18.9 | 22.3 | 25.8 | 27.4 | 26.2 | 2 |
| 20.6 | 15.4 | 15.4 | 22.3 | 24.0 | 27.4 | 25.8 | 25.8 | 20.6 | 24.0 | 22.3 | 26.2 | 1 |
| 25.8 | 22.3 | 17.2 | 25.8 | 25.8 | 37.8 | 39.2 | 27.4 | 27.4 | 30.9 | 30.9 | 29.4 | 2 |
| 29.2 | 29.2 | 18.9 | 24.0 | 29.2 | 41.2 | 43.0 | 37.8 | 39.5 | 37.8 | 39.5 | 35.1 | 1 |
| 15.4 | 13.8 | 18.9 | 18.9 | 41.2 | 27.4 | 25.8 | 22.3 | 24.0 | 24.0 | 22.3 | 26.6 | 1 |
| 15.4 | 12.0 | 18.9 | 24.0 | 12.0 | 22.3 | 18.9 | 18.9 | 22.3 | 30.9 | 32.7 | 24.9 | 1 |
| 1.7 | - 2.7 | - 4.1 | 8.6 | 17.4 | 25.8 | 24.0 | 22.3 | 27.4 | 22.3 | 27.4 | 20.9 | 2 |
| 10.3 | 5.2 | 3.4 | 1.7 | 20.6 | 20.6 | 18.9 | 17.2 | 18.9 | 13.8 | 17.2 | 22.0 | 2 |
| 12.0 | 6.9 | 3.4 | 5.2 | 3.4 | 6.9 | 6.9 | 3.4 | 6.9 | 12.0 | 10.3 | 12.9 | 1 |
| - | - | - | - | - | 1.7 | 8.6 | 3.4 | 6.9 | 6.9 | 5.2 | 10.7 | 1 |
| - 8.1 | - 4.1 | - 8.1 | - 4.1 | -16.3 | - 2.7 | 1.7 | 1.7 | 3.4 | 1.7 | 1.7 | 1.7 | 2 |
| -16.3 | - 9.5 | - 9.5 | -10.8 | - 5.4 | - 5.4 | - 1.4 | - 1.4 | - 2.7 | - 1.4 | - 1.4 | - 0.6 | 1 |
| -12.2 | - 1.4 | -10.8 | - 9.5 | - 5.4 | - 5.4 | - 1.4 | - 1.4 | - 2.7 | - 1.4 | - 5.4 | - 2.7 | 2 |
| - 6.8 | -13.6 | - 8.1 | - 5.4 | - 9.5 | - 9.5 | - 8.1 | - 4.1 | 3.4 | - | - | - 2.8 | 2 |
| 3.4 | - 1.4 | -12.2 | - 8.1 | - 2.7 | 1.7 | 1.7 | 3.4 | 1.7 | 3.4 | 3.4 | 1.6 | 2 |
| 3.4 | 6.9 | - 8.1 | - 6.8 | - 5.4 | - 1.4 | - 1.4 | 1.7 | 3.4 | 3.4 | 1.7 | 1.8 | 1 |
| 10.3 | 10.3 | 1.7 | - 9.5 | - 1.4 | 3.4 | 1.7 | 1.7 | - 6.8 | - 4.1 | 1.7 | 3.8 | 2 |
| - 1.4 | -13.6 | - 4.1 | 1.7 | 6.9 | 12.0 | 8.6 | 6.9 | 6.9 | 12.0 | 8.6 | 5.3 | 1 |
| 6.9 | 3.4 | - 6.8 | 3.4 | 5.2 | 8.6 | 10.3 | 6.9 | 8.6 | 12.0 | 1.7 | 6.3 | 1 |
| - 2.7 | 5.2 | - 6.8 | - 4.1 | 6.9 | 17.2 | 15.4 | 10.3 | 13.8 | 12.0 | 6.9 | 8.0 | 2 |
| 1.7 | - 1.4 | - 1.4 | - 1.4 | 3.4 | 6.9 | 6.9 | 1.7 | 3.4 | 5.2 | 3.4 | 5.4 | 1 |
| - 5.4 | 1.7 | 1.7 | 5.2 | 5.2 | 6.9 | 12.0 | 6.9 | 8.6 | 1.7 | - 2.7 | 6.0 | 2 |
| 3.4 | 3.4 | 3.4 | 5.2 | 3.4 | 3.4 | 8.6 | 13.8 | 12.0 | 12.0 | 6.9 | 8.3 | 0 |
| 13.8 | 8.6 | 12.0 | 1.7 | 1.7 | 3.4 | 12.0 | 8.6 | 12.0 | 12.0 | 10.3 | 10.1 | 1 |
| 12.0 | 13.8 | 8.6 | 5.2 | 6.9 | 8.6 | 10.3 | 10.3 | 8.6 | 10.3 | 6.9 | 10.7 | 0 |
| 5.2 | 10.3 | 13.8 | 10.3 | 12.0 | 20.6 | 13.8 | 13.8 | 15.4 | 13.8 | 13.8 | 13.2 | 0 |
| 20.6 | 22.3 | 12.0 | 10.3 | 8.6 | 12.0 | 17.2 | 13.8 | 12.0 | 15.4 | 12.0 | 19.5 | 2 |
| 12.0 | 20.6 | 20.6 | 6.9 | 8.6 | 17.2 | 12.0 | 17.2 | 18.9 | 17.2 | 17.2 | 16.4 | 1 |
| 10.0 | 8.9 | 6.5 | 7.6 | 9.8 | 13.5 | 14.4 | 12.8 | 13.6 | 14.4 | 13.2 | 14.1 | |
| - 4.1 | - 5.2 | - 7.6 | - 6.5 | - 4.3 | - 0.6 | 0.3 | - 1.3 | - 0.5 | 0.3 | - 0.9 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -14.6 | -12.0 | -10.6 | -12.0 | -14.6 | -16.0 | -12.0 | -12.0 | -16.0 | -12.0 | -13.3 | -14.8 | 1 |
| -12.0 | -10.6 | -10.6 | -14.6 | -20.0 | -14.6 | -10.6 | - 8.0 | -12.0 | -13.3 | - 9.3 | -14.4 | 1 |
| -12.0 | - 9.3 | - 8.0 | -10.6 | -18.6 | -21.3 | -24.0 | -13.3 | -14.6 | -12.0 | - 9.3 | -14.3 | 1 |
| -13.3 | -12.0 | - 8.0 | -16.0 | -21.3 | -24.0 | -20.0 | - 9.3 | -12.0 | -10.6 | - 8.0 | -14.2 | 1 |
| -20.0 | -12.0 | - 9.3 | -12.0 | -12.0 | -13.3 | -12.0 | -13.3 | -14.6 | - 8.0 | - 8.0 | -10.4 | 1 |
| -20.0 | -17.3 | -22.6 | -21.3 | -20.0 | -17.3 | -13.3 | - 8.0 | -13.3 | -10.6 | -10.6 | -14.6 | 1 |
| 1.6 | 6.3 | 6.3 | - 8.0 | - 8.0 | - 6.7 | - 8.0 | - 2.7 | - 1.3 | 1.6 | 3.1 | - 5.4 | 1 |
| - 4.0 | - 2.7 | 1.6 | - | - | - | - | - | - | - | - | - 5.0 | 1 |
| - | - 9.3 | - 6.7 | - 5.3 | -20.0 | -20.0 | -22.6 | -16.0 | 1.6 | - 1.3 | 1.6 | - 9.8 | 1 |
| -13.3 | -13.3 | -18.6 | -21.3 | -18.6 | -18.6 | -18.6 | -18.6 | - 5.3 | - 4.0 | - 4.0 | - 9.2 | 1 |
| 6.3 | 9.4 | 4.7 | - 4.0 | - 6.7 | - 2.7 | - 4.0 | 3.1 | 3.1 | 1.6 | 4.7 | 3.5 | 1 |
| -10.6 | - 6.7 | - 6.7 | - 6.7 | -17.3 | -17.3 | -20.0 | -20.0 | -20.0 | -16.0 | - 9.3 | - 6.2 | 2 |
| - | - | - | - | - | -17.3 | -18.6 | -14.6 | -14.6 | - 6.7 | - 1.3 | -11.6 | 1 |
| - 6.7 | - 8.0 | - 6.7 | - 9.3 | - 8.0 | -13.3 | -18.6 | -16.0 | -14.6 | - 4.0 | - 1.3 | - 8.8 | 1 |
| -16.0 | -18.6 | -17.3 | -17.3 | -17.3 | -14.6 | -20.0 | -13.3 | -10.6 | - 8.0 | - 2.7 | -15.4 | 1 |
| - 9.3 | -10.6 | - 5.3 | -14.6 | -18.6 | -17.3 | -18.6 | - 6.7 | - 6.7 | - 8.0 | - 3.1 | - 9.6 | 2 |
| - 2.7 | - 1.3 | - 1.3 | - 4.0 | - 8.0 | -10.6 | - 8.0 | - 8.0 | - 4.0 | - | - | - 7.4 | 2 |
| - 4.0 | - 4.0 | - 4.0 | - 5.3 | - 2.7 | -16.0 | -13.3 | -13.3 | - 9.3 | - 1.6 | - 1.3 | - 9.0 | 2 |
| - 2.7 | - 4.0 | - 4.0 | - 1.3 | - 4.0 | -10.6 | -13.3 | - 2.7 | - 1.3 | - 1.3 | - 1.3 | - 3.0 | 1 |
| - 1.3 | - 1.3 | - 4.0 | 3.1 | - 4.0 | - 9.3 | -14.6 | -16.0 | - 8.0 | - 1.3 | - 4.0 | - 5.8 | 2 |
| - 2.7 | - 1.3 | - 5.3 | -13.3 | -20.0 | - 9.3 | -16.0 | - 2.7 | - 4.0 | - 4.0 | 3.1 | - 7.8 | 1 |
| - | - | - | - 5.3 | -17.3 | -16.0 | -10.6 | - 1.3 | 1.6 | 1.6 | - 1.3 | - 3.6 | 1 |
| - 1.3 | - 1.3 | - 1.3 | -13.3 | -13.3 | - 9.3 | -13.3 | 1.6 | 1.6 | 3.1 | 3.1 | - 4.7 | 1 |
| - 2.7 | 1.6 | - 9.3 | - 8.0 | -13.3 | -10.6 | -10.6 | - 2.7 | 1.6 | 3.1 | 1.6 | - 5.0 | 1 |
| - 1.3 | - 1.3 | - 1.6 | - 6.7 | - 6.7 | - 8.0 | - 2.7 | - 1.3 | - 4.0 | - 1.3 | - 1.3 | - 4.3 | 1 |
| - 5.3 | - 5.3 | - 8.0 | -16.0 | -14.6 | - 6.7 | - 8.0 | - 8.0 | - 9.3 | - 6.7 | - 5.3 | - 6.2 | 2 |
| - 6.7 | - 6.7 | - 5.3 | - 6.7 | -14.6 | -14.6 | -17.3 | -13.3 | -13.3 | - 4.0 | - 8.0 | - 9.3 | 1 |
| -17.3 | -16.0 | -18.6 | -18.6 | -20.0 | -17.3 | -10.6 | - 5.3 | - 8.0 | - 6.7 | - 4.0 | -12.3 | 0 |
| - 4.0 | -13.3 | -16.0 | -20.0 | -20.0 | -17.3 | -10.6 | - 6.7 | - 6.7 | - 2.7 | - 4.0 | -10.5 | 1 |
| -10.6 | - 9.3 | -12.0 | -13.3 | -22.6 | -17.3 | -13.3 | - 9.3 | -10.6 | -13.3 | - 8.0 | -11.2 | 2 |
| -13.3 | - 9.3 | - 9.3 | -14.6 | -20.0 | -18.6 | -13.3 | - 9.3 | - 9.3 | - 6.7 | - 5.3 | -12.9 | 1 |
| - 7.8 | - 6.9 | - 7.4 | -10.9 | -14.6 | -14.2 | -13.9 | - 8.9 | - 7.8 | - 5.2 | - 3.5 | - 8.8 | |
| 1.0 | 1.9 | 1.4 | - 2.1 | - 5.8 | - 5.4 | - 5.1 | - 0.1 | 1.0 | 3.6 | 5.3 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.6 | 58.3 | 58.2 | 58.4 | 58.5 | 58.6 | 58.8 | 58.8 | 58.8 | 58.4 | 58.1 | 57.7 | 57.4 | 56.6 | 56.3 |
| 2 | 54.2 | 54.0 | 54.0 | 54.0 | 53.9 | 54.1 | 54.6 | 54.6 | 54.2 | 54.1 | 53.9 | 53.2 | 52.3 | 52.2 | 51.5 |
| 3 | 52.2 | 52.0 | 52.0 | 52.3 | 52.3 | 52.2 | 52.5 | 53.3 | 53.4 | 53.3 | 53.3 | 54.3 | 53.4 | 53.4 | 53.3 |
| 4 | 57.3 | 57.4 | 57.4 | 58.2 | 58.4 | 59.4 | 59.5 | 60.1 | 60.5 | 60.4 | 60.4 | 60.3 | 60.3 | 60.2 | 59.9 |
| 5 | 59.8 | 59.9 | 59.8 | 59.3 | 59.4 | 59.9 | 60.5 | 60.6 | 60.4 | 60.4 | 60.6 | 60.4 | 60.3 | 60.1 | 59.2 |
| 6 | 57.8 | 57.3 | 57.2 | 57.2 | 57.2 | 57.2 | 57.0 | 56.6 | 56.1 | 56.1 | 56.1 | 55.7 | 54.8 | 54.2 | 53.2 |
| 7 | 52.4 | 52.3 | 51.9 | 54.4 | 56.3 | 54.9 | 54.5 | 53.8 | 53.2 | 52.3 | 52.2 | 51.8 | 54.2 | 55.0 | 54.3 |
| 8 | 59.4 | 59.5 | 60.3 | 60.5 | 60.5 | 61.7 | 62.5 | 62.6 | 63.1 | 63.2 | 63.2 | 63.0 | 62.8 | 62.6 | 62.0 |
| 9 | 62.0 | 61.2 | 61.1 | 61.1 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 61.5 | 61.0 | 60.0 | 59.9 | 59.0 | 58.6 |
| 10 | 56.3 | 55.9 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.6 | 54.9 | 54.9 | 54.8 | 53.9 | 53.8 | 52.9 | 52.8 |
| 11 | 55.2 | 54.4 | 52.8 | 53.2 | 52.3 | 52.3 | 54.4 | 54.2 | 53.6 | 53.5 | 53.8 | 54.5 | 54.7 | 54.8 | 54.6 |
| 12 | 56.4 | 56.5 | 57.0 | 57.4 | 57.6 | 58.3 | 58.6 | 58.6 | 58.4 | 58.1 | 58.1 | 57.9 | 57.6 | 57.4 | 57.3 |
| 13 | 58.0 | 57.5 | 57.5 | 57.7 | 57.8 | 57.9 | 57.8 | 57.8 | 57.7 | 57.7 | 57.3 | 56.6 | 56.5 | 56.2 | 55.6 |
| 14 | 54.2 | 53.9 | 53.6 | 53.7 | 53.5 | 53.5 | 52.7 | 52.6 | 52.5 | 51.8 | 51.8 | 51.6 | 50.9 | 50.0 | 49.4 |
| 15 | 48.5 | 46.7 | 45.6 | 45.6 | 45.7 | 46.6 | 47.6 | 48.2 | 48.5 | 48.6 | 48.5 | 49.2 | 49.2 | 48.9 | 48.9 |
| 16 | 52.6 | 52.7 | 53.6 | 54.5 | 54.7 | 55.2 | 55.5 | 56.0 | 56.3 | 56.3 | 56.8 | 56.5 | 55.8 | 55.6 | 55.4 |
| 17 | 55.8 | 55.6 | 55.8 | 55.9 | 56.0 | 56.1 | 56.2 | 56.2 | 56.0 | 55.8 | 55.0 | 54.8 | 54.1 | 53.6 | 52.9 |
| 18 | 52.3 | 52.3 | 52.4 | 52.5 | 53.3 | 53.4 | 54.1 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.6 | 55.1 |
| 19 | 59.6 | 59.6 | 59.5 | 60.0 | 60.4 | 60.4 | 61.3 | 61.4 | 61.4 | 61.2 | 61.0 | 60.8 | 60.6 | 60.4 | 60.4 |
| 20 | 62.1 | 62.1 | 61.7 | 61.7 | 62.3 | 62.6 | 63.0 | 63.5 | 64.2 | 64.3 | 64.3 | 63.8 | 63.3 | 63.2 | 63.2 |
| 21 | 62.7 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 | 63.1 | 63.4 | 63.3 | 62.5 | 62.3 | 62.1 | 61.3 | 61.2 |
| 22 | 61.0 | 60.3 | 60.2 | 60.4 | 60.3 | 61.0 | 61.0 | 61.0 | 60.9 | 60.6 | 60.1 | 60.1 | 59.3 | 59.2 | 59.2 |
| 23 | 58.5 | 57.9 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.1 | 58.1 | 58.3 | 57.8 | 57.4 | 56.7 | 56.6 | 56.5 |
| 24 | 55.9 | 55.8 | 55.4 | 55.5 | 55.7 | 55.8 | 55.8 | 55.8 | 55.7 | 55.6 | 55.1 | 55.0 | 54.5 | 54.4 | 53.6 |
| 25 | 54.0 | 54.1 | 54.0 | 54.1 | 55.0 | 55.5 | 55.1 | 55.2 | 55.0 | 55.0 | 55.0 | 54.9 | 54.7 | 54.1 | 53.7 |
| 26 | 56.2 | 56.3 | 57.1 | 57.2 | 57.6 | 58.2 | 59.1 | 59.8 | 60.0 | 60.2 | 60.8 | 60.7 | 60.6 | 60.4 | 59.7 |
| 27 | 62.3 | 62.3 | 62.3 | 62.4 | 62.5 | 62.7 | 63.2 | 63.2 | 63.1 | 62.6 | 62.4 | 62.3 | 61.3 | 61.2 | 60.4 |
| 28 | 59.7 | 59.6 | 59.6 | 59.5 | 59.6 | 59.7 | 60.3 | 60.0 | 59.7 | 59.4 | 59.4 | 58.4 | 58.2 | 57.4 | 57.3 |
| 29 | 56.8 | 56.8 | 56.8 | 56.9 | 57.7 | 57.9 | 58.2 | 58.0 | 57.8 | 57.6 | 57.5 | 57.3 | 56.4 | 56.2 | 55.8 |
| 30 | 56.6 | 56.8 | 57.0 | 57.4 | 57.4 | 57.4 | 57.9 | 58.0 | 58.0 | 58.0 | 57.8 | 57.5 | 56.8 | 56.6 | 55.7 |
| 31 | 56.0 | 56.0 | 55.9 | 56.0 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.5 | 55.8 | 55.6 | 55.4 | 54.9 |
| Prom | 56.9 | 56.7 | 56.6 | 56.9 | 57.1 | 57.3 | 57.6 | 57.7 | 57.7 | 57.5 | 57.4 | 57.2 | 56.8 | 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 | 18.9 | 18.5 | 17.9 | 16.5 | 15.1 | 17.2 | 21.0 | 23.2 | 24.0 | 24.6 | 24.9 | 25.5 | 25.8 | 25.8 | 25.8 |
| 2 | 22.0 | 21.8 | 20.8 | 20.2 | 20.0 | 20.8 | 21.3 | 22.6 | 25.8 | 25.8 | 26.5 | 26.6 | 27.7 | 28.0 | 28.6 |
| 3 | 21.6 | 22.7 | 21.8 | 21.1 | 20.8 | 22.9 | 24.5 | 24.3 | 26.0 | 26.9 | 26.7 | 24.6 | 23.8 | 23 7 | 23.4 |
| 4 | 20.2 | 20.1 | 19.8 | 19.3 | 19.2 | 19.2 | 20.2 | 21.2 | 22.1 | 22.1 | 22.9 | 23.5 | 24.7 | 25.8 | 26.5 |
| 5 | 20.9 | 20.6 | 19.8 | 20.2 | 20.2 | 20.6 | 24.6 | 26.4 | 26.7 | 26.6 | 25.4 | 25.0 | 25.1 | 24.0 | 26.1 |
| 6 | 23.9 | 23.7 | 23.0 | 22.6 | 22.0 | 22.8 | 25.7 | 27.8 | 29.7 | 31.9 | 33.1 | 34.1 | 34.7 | 35.1 | 32.2 |
| 7 | 21.4 | 21.5 | 21.3 | 21.3 | 21.2 | 21.0 | 21.1 | 21.3 | 23.9 | 25.9 | 27.9 | 28.0 | 22.0 | 20.6 | 20.6 |
| 8 | 20.2 | 20.3 | 19.3 | 18.4 | 18.1 | 17.7 | 18.3 | 20.0 | 22.6 | 23.7 | 24.5 | 25.2 | 25.3 | 25.4 | 25.3 |
| 9 | 15.9 | 16.7 | 17.7 | 17.6 | 17.7 | 18.2 | 19.9 | 22.0 | 23.6 | 24.8 | 26.1 | 27.6 | 28.1 | 28.4 | 28.7 |
| 10 | 22.8 | 22.0 | 21.4 | 21.2 | 21.1 | 21.8 | 23.2 | 25.3 | 27.0 | 28.9 | 29.8 | 31.2 | 31.4 | 32.1 | 32.2 |
| 11 | 19.9 | 19.9 | 19.9 | 19.9 | 20.0 | 20.7 | 21.2 | 21.2 | 21.3 | 23.0 | 24.4 | 25.5 | 25.9 | 26.7 | 28.0 |
| 12 | 20.5 | 20.4 | 20.2 | 19.6 | 19.4 | 20.1 | 23.3 | 26.7 | 27.5 | 28.7 | 29.3 | 30.0 | 30.2 | 29.7 | 29.1 |
| 13 | 21.6 | 20.5 | 19.6 | 20.5 | 20.6 | 21.3 | 22.5 | 24.6 | 26.6 | 23.2 | 28.5 | 29.2 | 29.5 | 29.6 | 29.5 |
| 14 | 17.5 | 16.6 | 16.6 | 16.3 | 16.1 | 18.2 | 22.4 | 24.9 | 25.3 | 26.7 | 28.5 | 29.2 | 29.7 | 30.5 | 30.6 |
| 15 | 19.3 | 19.3 | 19.2 | 19.3 | 19.5 | 19.6 | 19.9 | 20.8 | 21.9 | 23.6 | 24.7 | 25.6 | 26.5 | 27.4 | 27.7 |
| 16 | 18.3 | 18.2 | 17.5 | 16.7 | 16.3 | 16.2 | 19.5 | 21.7 | 23.0 | 23.8 | 24.6 | 25.1 | 26.1 | 26.3 | 26.1 |
| 17 | 17.9 | 17.4 | 16.6 | 15.5 | 14.4 | 15.4 | 19.1 | 21.4 | 23.0 | 25.0 | 26.0 | 26.9 | 27.6 | 28.0 | 28.0 |
| 18 | 22.0 | 21.6 | 21.1 | 20.3 | 20.1 | 20.1 | 21.2 | 22.5 | 23.4 | 24.2 | 24.4 | 26.3 | 27.7 | 27.3 | 26.3 |
| 19 | 11.8 | 10.9 | 10.7 | 10.9 | 11.5 | 11.8 | 15.5 | 17.7 | 18.9 | 20.1 | 21.2 | 22.2 | 23.2 | 23.9 | 24.1 |
| 20 | 12.9 | 12.1 | 11.2 | 10.8 | 10.0 | 9.9 | 14.8 | 19.8 | 21.4 | 23.0 | 23.7 | 24.5 | 25.1 | 26.0 | 26.0 |
| 21 | 13.3 | 13.3 | 12.9 | 12.7 | 12.6 | 14.4 | 17.6 | 20.7 | 22.7 | 24.7 | 25.7 | 26.7 | 26.9 | 27.5 | 27.4 |
| 22 | 21.4 | 20.6 | 19.3 | 17.9 | 16.8 | 16.9 | 21.0 | 22.0 | 24.0 | 24.6 | 25.7 | 25.8 | 25.7 | 26.7 | 25.5 |
| 23 | 17.8 | 17.9 | 17.6 | 19.0 | 19.6 | 20.1 | 20.4 | 22.0 | 22.1 | 22.6 | 23.9 | 24.6 | 25.6 | 25.5 | 25.6 |
| 24 | 18.4 | 17.2 | 16.2 | 16.1 | 15.4 | 15.7 | 21.0 | 23.7 | 25.0 | 25.3 | 24.5 | 22.0 | 23.9 | 26.5 | 26.4 |
| 25 | 17.9 | 17.2 | 16.8 | 15.8 | 15.5 | 15.5 | 20.8 | 22.8 | 24.0 | 25.9 | 27.8 | 28.6 | 29.8 | 30.0 | 29.9 |
| 26 | 21.1 | 21.1 | 20.2 | 19.2 | 19.0 | 18.4 | 19.4 | 21.5 | 23.3 | 24.3 | 24.5 | 24.6 | 24.6 | 24.9 | 25.5 |
| 27 | 13.7 | 12.8 | 11.4 | 10.1 | 9.3 | 9.4 | 12.5 | 16.4 | 18.6 | 19.7 | 20.7 | 21.8 | 22.3 | 23.8 | 23.9 |
| 28 | 11.7 | 10.9 | 11.0 | 10.3 | 10.3 | 11.3 | 14.6 | 17.7 | 20.4 | 22.2 | 23.6 | 25.0 | 25.8 | 26.7 | 27.0 |
| 29 | 14.4 | 13.5 | 12.7 | 13.7 | 14.2 | 14.5 | 17.9 | 21.4 | 23.8 | 26.0 | 27.1 | 27.9 | 28.9 | 29.8 | 29.7 |
| 30 | 19.6 | 19.5 | 18.5 | 17.8 | 17.7 | 17.6 | 18.5 | 21.7 | 23.2 | 25.0 | 24.9 | 26.0 | 27.2 | 28.3 | 28.3 |
| 31 | 17.9 | 17.0 | 16.6 | 16.1 | 15.4 | 15.3 | 17.7 | 23.2 | 24.7 | 25.7 | 27.0 | 28.1 | 28.9 | 28.6 | 28.4 |
| Prom | 18.6 | 18.2 | 17.7 | 17.3 | 17.0 | 17.6 | 20.0 | 22.0 | 23.7 | 24.8 | 25.7 | 26.3 | 26.7 | 27.2 | 27.1 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55.7 | 55.7 | 55.6 | 55.7 | 55.7 | 55.7 | 55.5 | 54.9 | 54.9 | 58.8 | varios | 54.9 | 23,24 | 3.9 | 757.1 mm. | 1009.4 mb. |
| 51.2 | 50.7 | 51.1 | 51.2 | 51.6 | 52.1 | 52.2 | 52.2 | 52.2 | 54.9 | 0 | 50.5 | 16-17 | 4.4 | 52.9 | 1003.8 |
| 53.3 | 53.3 | 54.4 | 54.6 | 55.2 | 54.5 | 52.7 | 56.1 | 56.4 | 56.4 | 24 | 52.0 | 2,3 | 4.4 | 53.5 | 1004.6 |
| 59.1 | 58.8 | 58.6 | 58.4 | 59.4 | 59.4 | 59.5 | 59.6 | 59.8 | 60.5 | 9 | 56.4 | 0 | 4.1 | 59.3 | 1012.4 |
| 59.2 | 58.4 | 58.5 | 58.5 | 58.6 | 58.5 | 58.4 | 58.4 | 58.3 | 61.0 | 11-12 | 58.3 | 24 | 2.7 | 59.5 | 1012.6 |
| 52.9 | 52.5 | 52.4 | 52.6 | 52.6 | 52.6 | 53.4 | 54.5 | 53.4 | 58.3 | 0 | 52.4 | 18 | 5.9 | 55.0 | 1006.6 |
| 54.5 | 55.2 | 56.4 | 56.3 | 55.9 | 57.5 | 58.4 | 58.6 | 58.5 | 58.6 | 23 | 50.7 | 2-3 | 7.9 | 54.8 | 1006.4 |
| 61.9 | 62.0 | 62.0 | 62.1 | 62.2 | 62.9 | 62.8 | 62.3 | 62.2 | 63.2 | 10,11 | 58.5 | 0 | 4.7 | 62.0 | 1016.0 |
| 57.9 | 57.0 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 62.2 | 0 | 56.9 | varios | 5.3 | 59.5 | 1012.6 |
| 51.9 | 50.9 | 50.0 | 50.1 | 50.0 | 51.0 | 51.3 | 51.3 | 54.2 | 56.9 | 0 | 49.8 | 19-20 | 7.1 | 53.6 | 1004.8 |
| 54.5 | 54.5 | 54.9 | 55.4 | 55.4 | 55.6 | 56.3 | 56.4 | 56.4 | 56.4 | 23,24 | 51.4 | 5-6 | 5.0 | 54.5 | 1006.0 |
| 56.8 | 56.8 | 56.9 | 57.4 | 58.2 | 59.1 | 59.0 | 58.4 | 58.1 | 59.1 | 21 | 56.4 | 0,1 | 2.7 | 57.8 | 1010.4 |
| 55.6 | 54.8 | 55.2 | 55.1 | 55.4 | 55.6 | 55.2 | 55.1 | 54.9 | 58.1 | 0 | 54.8 | 17 | 3.3 | 56.5 | 1008.6 |
| 49.1 | 48.3 | 48.3 | 47.4 | 46.7 | 47.5 | 47.6 | 47.5 | 47.4 | 54.9 | 0 | 46.7 | 20 | 8.2 | 50.6 | 1000.8 |
| 48.6 | 48.6 | 49.5 | 50.3 | 50.8 | 51.7 | 52.3 | 52.6 | 52.5 | 52.6 | 23 | 45.5 | 4-5 | 7.1 | 48.9 | 998.5 |
| 54.9 | 54.7 | 54.8 | 55.1 | 55.6 | 55.6 | 55.7 | 55.7 | 55.8 | 56.8 | 11 | 52.5 | 0 | 4.3 | 55.2 | 1006.9 |
| 52.8 | 52.1 | 52.1 | 52.2 | 52.4 | 52.5 | 52.9 | 52.4 | 53.0 | 56.2 | 7,8 | 52.1 | 17,18 | 4.1 | 54.3 | 1005.7 |
| 55.4 | 55.5 | 55.7 | 56.6 | 57.8 | 58.6 | 59.5 | 59.5 | 59.5 | 59.5 | varios | 52.3 | 1,2 | 7.2 | 55.2 | 1006.9 |
| 60.3 | 59.8 | 60.6 | 60.6 | 61.4 | 61.7 | 61.9 | 62.5 | 62.3 | 62.5 | 23 | 59.5 | 0,3 | 3.0 | 60.8 | 1014.4 |
| 62.3 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.5 | 62.6 | 64.3 | 10,11 | 61.7 | 3,4 | 2.6 | 62.8 | 1017.0 |
| 60.9 | 60.4 | 60.4 | 60.5 | 60.8 | 61.1 | 61.2 | 61.2 | 61.2 | 63.4 | 9 | 60.4 | 17,18 | 3.8 | 61.9 | 1015.8 |
| 58.5 | 58.4 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 61.2 | 0 | 58.4 | 17 | 2.8 | 59.7 | 1012.9 |
| 56.4 | 55.9 | 55.9 | 55.9 | 56.0 | 56.1 | 56.2 | 56.0 | 55.9 | 58.7 | 0 | 55.9 | varios | 2.8 | 57.0 | 1009.3 |
| 53.5 | 53.3 | 53.0 | 53.6 | 53.8 | 53.8 | 53.9 | 54.5 | 54.4 | 55.9 | 0,1 | 53.0 | 18 | 2.9 | 54.7 | 1006.2 |
| 53.8 | 53.9 | 54.0 | 54.2 | 54.4 | 55.3 | 55.3 | 55.5 | 55.8 | 55.8 | 24 | 53.7 | 15 | 2.1 | 54.6 | 1006.1 |
| 59.8 | 59.8 | 60.5 | 60.8 | 60.8 | 61.1 | 61.6 | 61.6 | 61.8 | 61.8 | 24 | 55.8 | 0 | 6.0 | 59.6 | 1012.8 |
| 60.3 | 59.6 | 59.7 | 59.9 | 60.0 | 60.1 | 60.0 | 60.0 | 59.8 | 63.2 | 7,8 | 50.6 | 17 | 3.6 | 61.4 | 1015.2 |
| 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 56.8 | 57.1 | 60.3 | 7 | 56.5 | varios | 3.8 | 58.2 | 1010.9 |
| 55.3 | 55.1 | 55.2 | 56.0 | 56.1 | 56.3 | 56.5 | 56.7 | 56.6 | 58.2 | 7 | 55.1 | 17 | 3.1 | 56.7 | 1008.9 |
| 55.8 | 55.7 | 55.7 | 56.0 | 56.2 | 57.0 | 56.9 | 56.9 | 56.1 | 58.0 | varios | 55.7 | varios | 2.3 | 56.9 | 1009.2 |
| 54.6 | 54.5 | 54.6 | 54.6 | 54.6 | 54.9 | 55.5 | 56.5 | 56.9 | 56.9 | 24 | 54.5 | 17 | 2.4 | 55.8 | 1007.1 |
| 55.9 | 55.6 | 55.8 | 56.0 | 56.2 | 56.5 | 56.7 | 56.8 | 56.9 | 58.9 | | 54.6 | | 4.3 | 56.8 | 1009.0 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.9 | 25.0 | 24.4 | 23.4 | 22.6 | 21.9 | 21.8 | 21.8 | 22.4 | 26.1 | 15-16 | 15.0 | 5-6 | 11.1 | 22.2 |
| 28.7 | 28.7 | 28.5 | 27.4 | 24.6 | 23.6 | 22.7 | 22.4 | 21.6 | 28.7 | 16,17 | 20.0 | 5 | 8.7 | 24.4 |
| 23.0 | 22.9 | 22.8 | 22.0 | 21.9 | 21.5 | 21.1 | 21.1 | 20.9 | 26.9 | 10 | 20.8 | 5 | 6.1 | 23.0 |
| 26.3 | 26.2 | 24.7 | 23.7 | 22.8 | 22.3 | 21.8 | 21.8 | 21.7 | 26.5 | 15 | 19.2 | 5,6 | 7.3 | 22.4 |
| 26.5 | 26.5 | 26.0 | 25.5 | 24.2 | 24.0 | 24.0 | 24.0 | 23.9 | 26.8 | 9-10 | 19.8 | 3 | 7.0 | 24.1 |
| 30.9 | 28.4 | 26.7 | 25.4 | 25.5 | 25.5 | 24.5 | 21.5 | 21.4 | 35.2 | 14-15 | 21.4 | 24 | 13.8 | 27.2 |
| 21.7 | 21.5 | 20.9 | 20.7 | 20.4 | 20.1 | 20.1 | 20.0 | 20.1 | 28.0 | 12 | 20.0 | 23 | 8.0 | 21.8 |
| 24.9 | 24.0 | 22.8 | 21.7 | 19.6 | 18.5 | 17.7 | 17.4 | 16.7 | 25.4 | 14 | 16.7 | 24 | 8.7 | 21.2 |
| 29.1 | 28.9 | 27.6 | 25.6 | 23.8 | 22.9 | 22.9 | 22.9 | 23.0 | 29.1 | 16 | 15.8 | 1-2 | 13.3 | 23.3 |
| 32.5 | 32.5 | 31.7 | 30.1 | 28.9 | 28.8 | 28.0 | 28.0 | 20.3 | 32.5 | 16,17 | 20.3 | 24 | 12.2 | 27.2 |
| 28.1 | 28.0 | 27.7 | 27.4 | 24.5 | 23.2 | 22.4 | 21.9 | 21.3 | 28.1 | 16 | 19.9 | varios | 8.2 | 23.4 |
| 29.2 | 28.5 | 27.5 | 26.6 | 25.5 | 24.7 | 23.7 | 23.2 | 22.6 | 30.7 | 13-14 | 19.3 | 5-6 | 11.4 | 25.3 |
| 28.8 | 27.9 | 26.7 | 25.4 | 23.6 | 21.8 | 21.3 | 19.8 | 18.8 | 29.6 | 14 | 18.8 | 24 | 10.8 | 24.2 |
| 30.6 | 30.5 | 28.8 | 26.8 | 25.7 | 24.9 | 24.9 | 25.1 | 25.2 | 30.6 | 15,16 | 16.1 | 5 | 14.5 | 24.6 |
| 27.3 | 27.4 | 26.6 | 25.3 | 22.2 | 20.3 | 19.8 | 19.3 | 18.4 | 27.7 | 15 | 18.4 | 24 | 9.3 | 22.5 |
| 25.9 | 25.6 | 24.9 | 23.1 | 19.9 | 18.0 | 17.7 | 18.2 | 18.3 | 26.3 | 14 | 15.8 | 5-6 | 10.5 | 21.3 |
| 28.6 | 28.2 | 27.6 | 25.8 | 23.6 | 22.7 | 21.7 | 21.8 | 21.9 | 28.6 | 16 | 13.8 | 5-6 | 14.8 | 22.7 |
| 26.8 | 25.8 | 24.6 | 20.8 | 18.5 | 16.8 | 15.6 | 14.7 | 13.0 | 27.9 | 12-13 | 13.0 | 24 | 14.9 | 21.9 |
| 24.0 | 23.1 | 21.7 | 20.5 | 18.5 | 16.8 | 16.0 | 14.4 | 13.6 | 24.1 | 15 | 10.4 | 3-4 | 13.7 | 17.6 |
| 25.7 | 25.5 | 24.6 | 22.7 | 19.6 | 15.9 | 15.5 | 14.6 | 14.0 | 26.0 | 14,15 | 9.9 | 6 | 16.1 | 18.8 |
| 27.5 | 26.5 | 20.4 | 23.4 | 21.3 | 19.5 | 20.1 | 21.4 | 21.5 | 27.5 | 14,16 | 12.6 | 5 | 14.9 | 20.9 |
| 24.5 | 24.2 | 23.7 | 22.6 | 21.5 | 20.6 | 20.8 | 19.7 | 18.0 | 26.7 | 14 | 16.8 | 5 | 9.9 | 22.1 |
| 24.7 | 24.4 | 23.9 | 23.0 | 22.2 | 22.0 | 21.1 | 20.7 | 19.6 | 25.7 | 14-15 | 17.6 | 3 | 8.1 | 21.9 |
| 26.7 | 26.2 | 25.1 | 23.5 | 21.9 | 20.9 | 19.9 | 18.9 | 17.9 | 26.7 | 16 | 15.4 | 5 | 11.3 | 21.6 |
| 30.0 | 29.4 | 29.0 | 27.0 | 24.6 | 23.3 | 22.4 | 21.9 | 21.4 | 30.0 | 14,16 | 15.5 | 5,6 | 14.5 | 23.6 |
| 24.6 | 23.9 | 22.8 | 21.6 | 19.5 | 17.7 | 16.6 | 15.1 | 14.6 | 25.5 | 15 | 14.6 | 24 | 10.9 | 21.2 |
| 23.9 | 23.7 | 22.6 | 20.4 | 17.2 | 15.1 | 13.5 | 12.6 | 11.8 | 23.9 | 15,16 | 9.1 | 5-6 | 14.8 | 17.0 |
| 27.4 | 27.4 | 25.4 | 23.3 | 20.9 | 19.3 | 17.4 | 15.8 | 15.5 | 23.4 | 16,17 | 10.3 | 4,5 | 17.1 | 19.2 |
| 29.6 | 29.1 | 27.4 | 25.4 | 23.0 | 21.4 | 21.3 | 20.9 | 20.3 | 29.8 | 14 | 12.7 | 3 | 17.1 | 22.2 |
| 28.8 | 26.9 | 26.3 | 24.6 | 22.1 | 20.6 | 20.5 | 20.0 | 18.8 | 28.8 | 16 | 17.6 | 6 | 11.2 | 22.6 |
| 28.5 | 27.8 | 26.3 | 24.7 | 23.4 | 22.0 | 21.3 | 21.4 | 21.7 | 29.0 | 13-14 | 15.1 | 5-6 | 13.9 | 22.8 |
| 27.1 | 26.6 | 25.4 | 24.1 | 22.3 | 21.2 | 20.6 | 20.0 | 19.3 | 27.9 | | 16.2 | | 11.7 | 22.4 |

## HUMEDAD RELATIVA en %

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 70 | 80 | 80 | 88 | 91 | 80 | 72 | 65 | 63 | 62 | 60 | 62 | 62 | 62 | 63 |
| 2 | 82 | 87 | 93 | 94 | 94 | 90 | 90 | 86 | 73 | 70 | 69 | 68 | 67 | 66 | 63 |
| 3 | 91 | 95 | 96 | 99 | 100 | 97 | 95 | 95 | 91 | 87 | 92 | 99 | 99 | 99 | 99 |
| 4 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 97 | 92 | 90 | 87 | 85 | 79 | 75 | 75 |
| 5 | 97 | 99 | 100 | 99 | 100 | 100 | 87 | 81 | 80 | 81 | 87 | 89 | 89 | 85 | 84 |
| 6 | 96 | 96 | 96 | 97 | 97 | 98 | 86 | 81 | 77 | 73 | 68 | 63 | 60 | 56 | 69 |
| 7 | 95 | 95 | 96 | 92 | 100 | 100 | 100 | 97 | 86 | 81 | 75 | 75 | 87 | 98 | 97 |
| 8 | 98 | 96 | 93 | 93 | 91 | 91 | 90 | 81 | 74 | 64 | 63 | 60 | 60 | 60 | 57 |
| 9 | 94 | 91 | 77 | 88 | 94 | 89 | 83 | 79 | 76 | 74 | 68 | 66 | 63 | 62 | 61 |
| 10 | 78 | 80 | 82 | 84 | 86 | 86 | 85 | 76 | 74 | 71 | 71 | 71 | 68 | 67 | 67 |
| 11 | 97 | 97 | 96 | 96 | 96 | 95 | 96 | 97 | 92 | 87 | 80 | 77 | 74 | 72 | 68 |
| 12 | 95 | 96 | 95 | 96 | 96 | 97 | 90 | 78 | 74 | 68 | 61 | 59 | 57 | 61 | 80 |
| 13 | 99 | 100 | 100 | 100 | 100 | 100 | 98 | 86 | 76 | 73 | 69 | 67 | 58 | 53 | 64 |
| 14 | 93 | 94 | 95 | 95 | 96 | 95 | 83 | 77 | 75 | 71 | 67 | 61 | 56 | 55 | 56 |
| 15 | 98 | 98 | 99 | 99 | 100 | 100 | 100 | 92 | 83 | 77 | 72 | 65 | 59 | 55 | 53 |
| 16 | 85 | 85 | 86 | 87 | 91 | 86 | 66 | 51 | 45 | 45 | 41 | 40 | 40 | 40 | 40 |
| 17 | 83 | 87 | 93 | 99 | 99 | 100 | 89 | 82 | 76 | 59 | 57 | 55 | 49 | 51 | 49 |
| 18 | 80 | 79 | 81 | 82 | 86 | 86 | 86 | 82 | 75 | 66 | 65 | 59 | 53 | 43 | 43 |
| 19 | 93 | 93 | 93 | 80 | 81 | 79 | 68 | 62 | 55 | 49 | 47 | 43 | 39 | 36 | 36 |
| 20 | 95 | 95 | 95 | 95 | 95 | 95 | 91 | 80 | 60 | 56 | 54 | 49 | 41 | 36 | 38 |
| 21 | 91 | 93 | 95 | 95 | 93 | 85 | 77 | 68 | 52 | 45 | 40 | 30 | 35 | 35 | 35 |
| 22 | 66 | 72 | 74 | 81 | 84 | 88 | 69 | 69 | 52 | 49 | 45 | 39 | 38 | 33 | 39 |
| 23 | 88 | 87 | 92 | 83 | 83 | 83 | 84 | 79 | 78 | 74 | 69 | 65 | 62 | 61 | 62 |
| 24 | 92 | 96 | 95 | 96 | 96 | 95 | 79 | 69 | 63 | 63 | 78 | 88 | 72 | 64 | 67 |
| 25 | 93 | 93 | 93 | 93 | 93 | 93 | 86 | 77 | 67 | 60 | 57 | 51 | 49 | 51 | 48 |
| 26 | 88 | 72 | 70 | 75 | 79 | 81 | 81 | 73 | 50 | 35 | 40 | 39 | 40 | 34 | 31 |
| 27 | 83 | 88 | 94 | 100 | 100 | 96 | 81 | 67 | 53 | 51 | 48 | 44 | 42 | 40 | 38 |
| 28 | 97 | 97 | 97 | 97 | 97 | 90 | 78 | 63 | 52 | 53 | 48 | 44 | 41 | 37 | 35 |
| 29 | 91 | 93 | 97 | 91 | 88 | 89 | 75 | 60 | 54 | 48 | 44 | 44 | 39 | 38 | 38 |
| 30 | 84 | 88 | 94 | 94 | 94 | 94 | 94 | 75 | 69 | 68 | 70 | 68 | 56 | 56 | 56 |
| 31 | 97 | 99 | 100 | 100 | 100 | 100 | 96 | 84 | 73 | 67 | 62 | 59 | 48 | 64 | 64 |
| Prom. | 90 | 91 | 92 | 93 | 94 | 92 | 86 | 78 | 70 | 65 | 63 | 61 | 58 | 56 | 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 | 10.5 | 12.0 | 11.5 | 12.0 | 11.5 | 11.0 | 13.0 | 13.7 | 13.5 | 14.5 | 13.0 | 15.0 | 15.0 | 15.2 | 15.0 |
| 2 | 16.0 | 16.5 | 16.5 | 16.0 | 15.5 | 15.5 | 16.0 | 17.5 | 17.5 | 16.5 | 17.0 | 17.0 | 18.5 | 18.6 | 18.0 |
| 3 | 17.5 | 18.5 | 18.5 | 18.0 | 17.5 | 20.0 | 21.0 | 20.6 | 23.0 | 22.5 | 24.0 | 22.0 | 21.0 | 21.4 | 20.5 |
| 4 | 17.0 | 16.5 | 16.5 | 16.0 | 15.5 | 15.5 | 17.0 | 18.0 | 18.0 | 17.0 | 18.0 | 17.5 | 17.5 | 18.4 | 18.5 |
| 5 | 17.5 | 17.0 | 16.5 | 17.0 | 17.0 | 17.0 | 20.0 | 20.7 | 20.0 | 21.0 | 21.0 | 20.5 | 20.5 | 21.4 | 20.5 |
| 6 | 21.0 | 21.0 | 20.0 | 19.5 | 19.0 | 20.0 | 21.0 | 22.6 | 23.5 | 25.0 | 25.0 | 24.5 | 23.5 | 23.7 | 24.0 |
| 7 | 17.0 | 17.5 | 18.0 | 17.0 | 18.0 | 17.5 | 18.0 | 18.3 | 19.0 | 20.0 | 20.0 | 20.0 | 19.0 | 17.7 | 17.0 |
| 8 | 17.0 | 17.0 | 15.0 | 14.0 | 14.0 | 13.5 | 13.5 | 14.1 | 14.5 | 13.0 | 14.0 | 13.5 | 13.5 | 14.4 | 13.5 |
| 9 | 12.0 | 12.5 | 11.5 | 12.5 | 13.5 | 13.0 | 14.0 | 15.5 | 16.5 | 16.5 | 16.5 | 18.0 | 17.5 | 17.9 | 18.0 |
| 10 | 15.5 | 15.0 | 15.5 | 15.0 | 16.0 | 16.5 | 17.0 | 18.2 | 19.0 | 21.0 | 22.5 | 24.0 | 23.0 | 24.0 | 24.0 |
| 11 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 17.0 | 18.0 | 17.0 | 17.0 | 17.5 | 18.5 | 17.5 | 19.0 | 18.5 |
| 12 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.5 | 18.5 | 20.2 | 19.5 | 19.5 | 18.5 | 18.0 | 18.0 | 18.7 | 17.0 |
| 13 | 18.5 | 17.0 | 16.0 | 17.0 | 17.0 | 18.0 | 19.5 | 19.5 | 19.5 | 15.0 | 19.0 | 20.0 | 17.5 | 16.1 | 19.0 |
| 14 | 13.5 | 12.5 | 12.5 | 12.5 | 13.0 | 14.0 | 16.0 | 18.0 | 17.0 | 18.5 | 19.0 | 18.5 | 17.5 | 18.0 | 18.5 |
| 15 | 16.0 | 16.0 | 15.5 | 16.0 | 16.0 | 16.0 | 16.5 | 16.9 | 15.5 | 16.5 | 16.5 | 15.0 | 14.5 | 14.9 | 14.0 |
| 16 | 12.5 | 12.5 | 12.5 | 12.0 | 12.5 | 11.5 | 11.0 | 9.9 | 8.5 | 9.0 | 9.5 | 8.5 | 9.0 | 10.1 | 9.0 |
| 17 | 11.5 | 12.5 | 12.5 | 12.5 | 11.5 | 12.5 | 14.0 | 15.5 | 16.0 | 13.0 | 14.0 | 13.5 | 12.5 | 14.2 | 13.0 |
| 18 | 15.0 | 14.5 | 15.0 | 14.0 | 15.0 | 15.0 | 16.0 | 16.7 | 15.0 | 15.0 | 14.0 | 14.5 | 14.0 | 11.7 | 10.5 |
| 19 | 9.0 | 8.5 | 8.5 | 7.4 | 8.0 | 7.8 | 8.5 | 10.0 | 8.0 | 8.0 | 8.5 | 8.0 | 7.8 | 8.0 | 8.0 |
| 20 | 10.0 | 9.5 | 8.5 | 8.5 | 8.0 | 8.0 | 11.0 | 13.6 | 10.5 | 11.5 | 11.0 | 10.5 | 9.5 | 8.9 | 9.0 |
| 21 | 10.0 | 10.0 | 10.0 | 9.5 | 9.5 | 9.5 | 11.0 | 12.2 | 10.5 | 9.5 | 9.0 | 7.2 | 8.0 | 9.7 | 8.5 |
| 22 | 12.5 | 12.5 | 11.5 | 12.0 | 11.5 | 12.0 | 12.0 | 13.6 | 11.5 | 10.5 | 10.0 | 9.0 | 9.0 | 8.6 | 8.5 |
| 23 | 13.0 | 13.0 | 13.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.5 | 15.0 | 14.5 | 14.5 | 14.0 | 15.0 | 14.4 | 15.0 |
| 24 | 14.0 | 14.0 | 12.5 | 13.0 | 12.5 | 12.0 | 14.0 | 14.9 | 14.5 | 14.5 | 17.5 | 17.0 | 15.5 | 16.4 | 17.0 |
| 25 | 13.5 | 13.0 | 13.0 | 12.0 | 11.5 | 11.5 | 15.5 | 16.8 | 14.5 | 14.0 | 15.5 | 15.0 | 14.5 | 15.8 | 14.5 |
| 26 | 16.0 | 13.0 | 11.5 | 11.5 | 12.5 | 12.5 | 13.5 | 14.0 | 9.5 | 7.2 | 8.0 | 8.0 | 8.0 | 7.9 | 7.8 |
| 27 | 9.0 | 9.0 | 9.0 | 8.5 | 8.0 | 8.0 | 8.5 | 9.4 | 8.0 | 8.5 | 8.0 | 8.0 | 8.0 | 8.8 | 8.0 |
| 28 | 9.5 | 9.0 | 9.0 | 8.5 | 8.5 | 8.5 | 9.0 | 9.5 | 9.0 | 10.0 | 10.0 | 9.5 | 10.0 | 9.6 | 8.5 |
| 29 | 11.0 | 10.0 | 10.0 | 10.5 | 10.0 | 10.5 | 10.5 | 11.4 | 11.0 | 11.5 | 11.0 | 11.5 | 10.5 | 12.1 | 11.5 |
| 30 | 13.5 | 14.5 | 14.5 | 13.5 | 13.5 | 13.5 | 14.5 | 14.5 | 14.0 | 15.5 | 15.5 | 16.5 | 15.0 | 16.0 | 16.0 |
| 31 | 14.5 | 13.5 | 13.5 | 13.0 | 12.5 | 12.0 | 14.5 | 17.9 | 16.5 | 16.0 | 16.0 | 16.0 | 13.5 | 18.6 | 17.5 |
| Prom. | 14.1 | 13.9 | 13.6 | 13.4 | 13.4 | 13.5 | 14.7 | 15.7 | 15.0 | 14.9 | 15.3 | 15.1 | 14.6 | 15.2 | 14.8 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | 67 | 71 | 79 | 85 | 86 | 89 | 90 | 82 | 91 | 5 | 60 | 11 | 31 | 74 |
| 62 | 59 | 60 | 65 | 80 | 87 | 93 | 95 | 95 | 95 | 23,24 | 57 | 17-18 | 38 | 79 |
| 98 | 97 | 96 | 97 | 97 | 96 | 92 | 88 | 95 | 100 | 5 | 84 | 10-11 | 16 | 95 |
| 77 | 77 | 86 | 87 | 92 | 96 | 96 | 96 | 97 | 100 | varios | 74 | 14-15 | 26 | 91 |
| 84 | 84 | 89 | 94 | 96 | 96 | 96 | 96 | 96 | 100 | varios | 80 | 9 | 20 | 91 |
| 78 | 80 | 87 | 89 | 92 | 91 | 95 | 97 | 96 | 98 | 6 | 53 | 14-15 | 45 | 84 |
| 91 | 93 | 98 | 98 | 98 | 98 | 98 | 97 | 97 | 100 | varios | 75 | 11,12 | 25 | 94 |
| 59 | 59 | 63 | 68 | 74 | 80 | 81 | 85 | 90 | 98 | 1 | 55 | 15-16 | 43 | 76 |
| 60 | 61 | 64 | 72 | 80 | 84 | 90 | 90 | 75 | 94 | 1,5 | 58 | 15-16 | 36 | 77 |
| 66 | 68 | 76 | 78 | 80 | 81 | 86 | 81 | 97 | 97 | 24 | 66 | 16 | 31 | 78 |
| 64 | 66 | 66 | 73 | 84 | 89 | 94 | 94 | 95 | 97 | varios | 62 | 16-17 | 35 | 85 |
| 65 | 65 | 70 | 75 | 80 | 86 | 88 | 93 | 96 | 97 | 6 | 55 | 13-14 | 42 | 79 |
| 66 | 71 | 76 | 63 | 67 | 67 | 67 | 73 | 88 | 100 | varios | 53 | 14 | 47 | 78 |
| 51 | 56 | 76 | 83 | 87 | 91 | 92 | 79 | 73 | 96 | 5 | 48 | 16-17 | 48 | 77 |
| 53 | 49 | 51 | 59 | 79 | 84 | 82 | 83 | 90 | 100 | varios | 49 | 17 | 51 | 78 |
| 40 | 42 | 40 | 59 | 74 | 85 | 80 | 82 | 81 | 91 | 5 | 40 | varios | 51 | 63 |
| 48 | 50 | 53 | 62 | 78 | 83 | 87 | 92 | 92 | 100 | 6 | 46 | 15-16 | 54 | 74 |
| 44 | 44 | 44 | 59 | 64 | 69 | 70 | 77 | 88 | 92 | 0 | 38 | 15-16 | 54 | 68 |
| 37 | 51 | 58 | 65 | 75 | 85 | 85 | 91 | 94 | 94 | 24 | 33 | 14-15 | 61 | 66 |
| 36 | 34 | 36 | 40 | 60 | 80 | 85 | 90 | 90 | 95 | varios | 32 | 17-18 | 63 | 68 |
| 37 | 38 | 43 | 52 | 70 | 79 | 73 | 69 | 67 | 95 | 3,4 | 30 | 12 | 65 | 62 |
| 46 | 49 | 54 | 63 | 70 | 77 | 81 | 87 | 91 | 91 | 24 | 33 | 14 | 58 | 63 |
| 60 | 59 | 63 | 68 | 70 | 72 | 72 | 76 | 81 | 92 | 3 | 59 | 17 | 33 | 74 |
| 60 | 62 | 66 | 77 | 82 | 86 | 91 | 92 | 93 | 96 | varios | 60 | 16 | 36 | 80 |
| 48 | 50 | 49 | 58 | 74 | 80 | 86 | 87 | 87 | 93 | varios | 46 | 15-16 | 47 | 72 |
| 36 | 37 | 39 | 42 | 50 | 56 | 61 | 69 | 75 | 88 | 1 | 31 | 15 | 57 | 56 |
| 38 | 38 | 38 | 55 | 74 | 84 | 89 | 93 | 97 | 100 | 4,5 | 38 | varios | 62 | 68 |
| 33 | 34 | 49 | 60 | 68 | 70 | 76 | 85 | 86 | 97 | varios | 32 | 16-17 | 65 | 66 |
| 39 | 39 | 41 | 56 | 66 | 76 | 68 | 77 | 81 | 97 | 3 | 37 | 13-14 | 60 | 64 |
| 55 | 55 | 56 | 68 | 77 | 84 | 87 | 89 | 95 | 95 | 24 | 55 | 16,17 | 40 | 76 |
| 62 | 62 | 62 | 68 | 73 | 80 | 85 | 85 | 90 | 100 | varios | 48 | 13 | 52 | 78 |
| 57 | 58 | 62 | 69 | 77 | 83 | 84 | 86 | 88 | 96 | | 51 | | 45 | 75 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.0 | 15.5 | 16.0 | 16.0 | 17.2 | 16,5 | 16,5 | 16.5 | 16.0 | 17.2 | 20 | 10,5 | 0,1 | 6.7 | 14.2 |
| 18.0 | 16,5 | 16,5 | 16,5 | 18.4 | 18,5 | 18,5 | 18.5 | 17,5 | 18.6 | 14 | 15.5 | 5,6 | 3.1 | 17.2 |
| 20,0 | 19,0 | 20,0 | 19.0 | 18,3 | 18,0 | 17,0 | 16.0 | 16.5 | 24,0 | 11 | 16.0 | 23 | 8.0 | 19.6 |
| 19.5 | 19,5 | 20,0 | 18,5 | 18.8 | 19,0 | 18,5 | 18,5 | 18.5 | 20,0 | 18 | 15.5 | 5,6 | 4.5 | 17.8 |
| 21.0 | 21.0 | 21.5 | 21.5 | 21.3 | 21.5 | 21.5 | 21.5 | 21.0 | 21.5 | varios | 16.5 | 3 | 5.0 | 20.0 |
| 25.5 | 22,0 | 22,5 | 21,0 | 22.3 | 22.0 | 21.0 | 18.0 | 18.0 | 25.5 | 16 | 18.0 | 23,24 | 7.5 | 21.9 |
| 17.5 | 17.5 | 17,5 | 17.5 | 17.5 | 16.5 | 16.5 | 16.5 | 16.5 | 20,0 | varios | 16.5 | varios | 3.5 | 17.8 |
| 13,0 | 12,5 | 12.5 | 12,5 | 12,6 | 12,0 | 12.0 | 12.0 | 12.0 | 17.0 | 1,2 | 12.0 | varios | 5,0 | 13.6 |
| 17,0 | 18.5 | 17.0 | 17.5 | 17,6 | 17,0 | 18,0 | 18.0 | 15,0 | 18.5 | 17 | 11.5 | 3 | 7,0 | 15.9 |
| 24.5 | 24.5 | 26.5 | 24.5 | 23.8 | 24.0 | 24.5 | 23.0 | 17.0 | 26.5 | 18 | 15.0 | varios | 11.5 | 20.8 |
| 17.5 | 18.5 | 18.5 | 19.5 | 18.5 | 18.0 | 18,5 | 17.5 | 17.0 | 19.5 | 19 | 16.5 | varios | 3.0 | 17.6 |
| 18.5 | 18.0 | 18,0 | 18.5 | 19,5 | 20.0 | 18.5 | 19.0 | 19.5 | 20,2 | 8 | 16.0 | varios | 4.2 | 18.1 |
| 19.5 | 20.0 | 20,0 | 14.5 | 14,5 | 12.5 | 12.5 | 12.0 | 13.5 | 20.0 | varios | 12.0 | 23 | 8,0 | 17.0 |
| 17.0 | 18.5 | 22.0 | 21.5 | 21,3 | 21.5 | 21.5 | 18.0 | 17.0 | 22.0 | 18 | 12.5 | varios | 9.5 | 17.4 |
| 14.0 | 12.5 | 13.0 | 13.5 | 15.7 | 14.0 | 14.0 | 13.5 | 13.5 | 17.0 | 0 | 12.5 | 17 | 4.5 | 15.0 |
| 9.0 | 10.0 | 8.5 | 11.5 | 12.8 | 12.5 | 11.5 | 12.5 | 12.5 | 13.5 | 0 | 8.5 | varios | 5.0 | 10.8 |
| 13.5 | 13.0 | 14.0 | 15.9 | 16,9 | 16,5 | 16.5 | 17.5 | 17.5 | 17.5 | 23,24 | 11.5 | 1,5 | 6.0 | 14.1 |
| 11.0 | 10.0 | 9.5 | 10.0 | 10.2 | 9,0 | 8.5 | 9.0 | 9,5 | 17.5 | 0 | 8.5 | 22 | 9.0 | 12.6 |
| 8.0 | 10.5 | 10.5 | 11.0 | 12,8 | 11,5 | 11.0 | 11,0 | 10,5 | 12.8 | 20 | 7.4 | 4 | 5.4 | 9,2 |
| 9.0 | 7.8 | 8.0 | 7.6 | 10.2 | 10.5 | 10.5 | 10.5 | 10.0 | 13.6 | 8 | 8.0 | 5,6 | 5.6 | 9.7 |
| 10.0 | 9.5 | 7.4 | 11.0 | 13,2 | 12,5 | 12.5 | 12.5 | 12.5 | 13.2 | 20 | 7.2 | 12 | 6,0 | 10,2 |
| 10.5 | 10.5 | 11.0 | 12.5 | 13,4 | 13,5 | 14.5 | 14.5 | 14.0 | 14.5 | 22,23 | 8.5 | 15 | 6,0 | 11.6 |
| 13.0 | 12.5 | 13.5 | 13.5 | 13,8 | 14.0 | 13,0 | 13.5 | 13.5 | 15.5 | 8 | 12.5 | 17 | 3.0 | 13.9 |
| 14.5 | 15.5 | 15.5 | 16.5 | 16,0 | 15.5 | 15.5 | 14,5 | 13.5 | 17.5 | 11 | 12.0 | 6 | 5.5 | 14.8 |
| 14.5 | 14.0 | 14.0 | 15.0 | 17.0 | 16.0 | 17.5 | 16.5 | 16.0 | 17.5 | 22 | 11.5 | 5,6 | 6.0 | 14.6 |
| 8.0 | 8,0 | 7,8 | 8,0 | 8.4 | 8,5 | 8.5 | 8.0 | 8,5 | 16.0 | 0,1 | 7.2 | 10 | 8.8 | 9,8 |
| 8.0 | 8,0 | 7,6 | 9,0 | 10,8 | 10,0 | 9,5 | 9,5 | 9,5 | 10,8 | 20 | 7.6 | 18 | 3.2 | 8.7 |
| 8.5 | 8.5 | 11,0 | 12,0 | 12,5 | 11,0 | 11,0 | 10,5 | 11.0 | 12.5 | 20 | 8,5 | varios | 4,0 | 9,8 |
| 11,0 | 11,0 | 11,0 | 13,5 | 13,9 | 14,5 | 12,5 | 14,0 | 14.0 | 14,5 | 21 | 10,0 | varios | 4.5 | 11.6 |
| 15.0 | 13.5 | 13.0 | 15.0 | 15,2 | 14,5 | 15,5 | 15.0 | 14,5 | 16.5 | 12 | 13,0 | 18 | 3.5 | 14.6 |
| 18.0 | 17.0 | 15.5 | 15.5 | 15.6 | 15:0 | 15.0 | 15.5 | 16.5 | 18.6 | 14 | 12.0 | 6 | 6.6 | 15.4 |
| 14.8 | 14.6 | 14.8 | 15.1 | 15.8 | 15.4 | 15.2 | 14.9 | 14.6 | 17.7 | | 11.9 | | 5.8 | 14.7 |

# VIENTO

DIRECCIÓN Y VELOCIDAD: PREVALENCIAS

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

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTÁNEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| E | 17 | E | 17 | E | 14 | E | 11 | E | 10 | SE | 5 | SE | 4 | E | 6 | NE | 12 | E | 17 | 13 | 33 | E | 9.52 |
| N | 13 | N | 18 | N | 16 | N | 10 | NE | 7 | NE | 9 | NE | 6 | NE | 6 | NE | 7 | NE | 13 | 8 | 23 | N | 16.39 |
| E | 14 | NE | 11 | NE | 13 | N | 16 | N | 28 | N | 37 | N | 41 | W | 16 | S | 5 | NE | 9 | 12 | 59 | NE | 21.48 |
| SE | 2 | SE | 2 | E | 10 | E | 8 | E | 5 | E | 4 | E | 5 | NE | 6 | NE | 6 | E | 8 | 4 | 6 | E | 17.33 |
| E | 4 | E | 6 | E | 9 | NE | 11 | NE | 10 | NE | 10 | NE | 10 | NE | 7 | NE | 6 | E | 9 | 7 | 11 | E | 7.40 |
| S | 10 | S | 10 | S | 11 | S | 10 | E | 19 | E | 15 | E | 15 | S | 22 | S | 11 | N-NE | 7 | 12 | 50 | S | 22.12 |
| S | 10 | S | 6 | S | 4 | N | 13 | NE | 13 | S | 11 | SE | 6 | S | 5 | S | 6 | S | 11 | 12 | 60 | S | 4.09 |
| E | 17 | E | 16 | E | 13 | E | 11 | SE | 8 | SE | 9 | SE | 9 | SE | 8 | SE | 10 | E | 11 | 13 | 34 | SE | 6.47 |
| N | 10 | NE | 8 | E | 12 | E | 12 | E | 9 | E | 11 | E | 9 | NE | 10 | NE | 16 | NE | 8 | 11 | 14 | NE | 23.16 |
| N | 16 | N | 17 | N | 15 | N | 17 | N | 14 | N | 8 | NE | 7 | N | 10 | S | 28 | N | 17 | 15 | 65 | S | 23.20 |
| S | 9 | S | 5 | S | 4 | SE | 3 | S | 3 | S | 2 | E | 4 | NE | 3 | C | 0 | S | 15 | 7 | 46 | S | 0.19 |
| E | 16 | E | 17 | E | 18 | E | 11 | E | 11 | E | 13 | E | 10 | SE | 5 | SE | 6 | E | 9 | 8 | 18 | NE | 16.48 |
| NE | 14 | E | 17 | E | 20 | E | 17 | E | 10 | E | 9 | E | 12 | E | 9 | SE | 7 | E | 11 | 10 | 20 | NE | 17.30 |
| N | 12 | N | 13 | N | 15 | NE | 14 | NE | 12 | E | 7 | E | 8 | NE | 11 | NE | 13 | N | 10 | 10 | 11 | N | 17.18 |
| S | 12 | S | 16 | SW | 14 | SW | 9 | SW | 5 | SW | 6 | SW | 8 | SW | 6 | SW | 6 | S | 9 | 12 | 114 | S | 0.53 |
| S | 9 | S | 10 | S | 5 | SE | 4 | SE | 4 | SE | 8 | E | 9 | E | 10 | NE | 11 | S | 15 | 8 | 15 | S | 14.44 |
| N | 6 | N | 6 | E | 9 | NE | 7 | E | 10 | E | 10 | E | 9 | E | 11 | E | 9 | N | 11 | 9 | 14 | N | 7.19 |
| S | 28 | S | 23 | S | 21 | S | 20 | S | 16 | S | 8 | S | 6 | S | 6 | S | 3 | S | 11 | 15 | 42 | S | 7.28 13.16 |
| S | 6 | E | 9 | NE | 9 | NE | 5 | NE | 6 | NE | 6 | E | 8 | E | 8 | E | 6 | S | 14 | 8 | 18 | S | 10.16 |
| NE | 12 | E | 11 | E | 10 | E | 8 | E | 8 | E | 7 | E | 6 | E | 8 | E | 8 | E | 11 | 6 | 9 | E | 15.32 |
| E | 14 | E | 12 | E | 10 | E | 9 | E | 7 | E | 7 | E | 9 | E | 10 | E | 9 | E | 15 | 10 | 18 | NE | 13.16 |
| E | 17 | E | 18 | E | 15 | E | 17 | E | 11 | E | 11 | E | 11 | E | 8 | SE | 9 | E | 15 | 13 | 26 | E | 13.59 |
| E | 19 | E | 15 | E | 11 | E | 11 | E | 13 | E | 12 | E | 9 | E | 10 | E | 8 | E | 20 | 12 | 22 | NE | 14.27 |
| E | 12 | E | 13 | E | 14 | E | 12 | E | 8 | E | 7 | E | 7 | SE | 6 | SE | 5 | E | 14 | 7 | 10 | E | 14.20 |
| SW | 9 | S | 7 | S | 5 | S | 5 | E | 4 | NE | 3 | N | 4 | N | 5 | C | 1 | S | 13 | 4 | 6 | SW | 15.32 |
| S | 24 | S | 23 | S | 17 | S | 13 | S | 7 | S | 6 | S | 7 | S | 6 | S | 9 | S | 23 | 14 | 44 | S | 13.52 |
| S | 7 | S | 5 | S | 4 | NE | 6 | NE | 5 | NE | 6 | NE | 5 | NE | 4 | NE | 6 | S | 18 | 5 | 4 | S | 12.46 |
| N | 4 | N | 4 | NE | 7 | NE | 10 | NE | 10 | NE | 10 | NE | 10 | NE | 10 | NE | 11 | N-NE | 12 | 9 | 9 | N | 8.53 |
| N | 11 | N | 11 | N | 9 | N | 8 | N | 7 | N | 7 | NE | 6 | S | 6 | S | 6 | N | 18 | 10 | 18 | N | 11.32 |
| E | 3 | S | 6 | E | 8 | E | 5 | E | 3 | SE | 7 | E | 10 | E | 8 | E | 5 | E | 12 | 7 | 12 | S | 2.13 |
| E | 7 | E | 11 | E | 12 | E | 10 | E | 9 | E | 7 | E | 9 | S | 7 | S | 8 | E | 11 | 6 | 6 | E | 13.03 |
| E | | E | | E | | E | | E | | E | | E | | E | | NE | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MÁXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | DIR. | HORAS | | 84 Km. | | |
| 11 | | 12 | | 15 | | 13 | | 15 | | 13 | | 17 | | 10 | | 9 | | | | | DIREC. | DÍA | HORA |
| | 12 | | 12 | | 11 | | 10 | | 9 | | 9 | | 9 | | 8 | | 8 | E | 207 | 10 | N | 3 | de 21.20 a 21.25 |

# FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

| DÍAS | NORTE | | NORESTE | | ESTE | | SUDESTE | | SUD | | SUDOESTE | | OESTE | | NOROESTE | | Calma | TOTALES DIARIOS DE KILÓMETROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | |
| 1 | | | 1 | 12 | 17 | 259 | 5 | 27 | 1 | 6 | | | | | | | | 304 |
| 2 | 4 | 57 | 13 | 110 | 3 | 14 | 3 | 14 | | | | | | | | | 1 | 196 |
| 3 | 4 | 122 | 9 | 69 | 3 | 39 | 1 | 4 | 6 | 33 | | | 1 | 16 | | | | 283 |
| 4 | 4 | 19 | 7 | 30 | 8 | 44 | 3 | 7 | 2 | 8 | | | | | | | | 108 |
| 5 | 2 | 9 | 8 | 66 | 9 | 69 | 3 | 21 | | | | | | | | | 2 | 177 |
| 6 | 7 | 111 | 7 | 45 | 3 | 49 | 1 | 5 | 6 | 74 | | | | | | | | 284 |
| 7 | 2 | 29 | 5 | 87 | 1 | 15 | 5 | 41 | 11 | 124 | | | | | | | | 296 |
| 8 | | | | | 11 | 170 | 7 | 76 | 6 | 67 | | | | | | | | 313 |
| 9 | 7 | 80 | 8 | 94 | 8 | 91 | 1 | 10 | | | | | | | | | | 275 |
| 10 | 17 | 258 | 6 | 64 | | | | | 1 | 28 | | | | | | | | 350 |
| 11 | | | 2 | 20 | 4 | 36 | 2 | 9 | 15 | 114 | | | | | | | 1 | 179 |
| 12 | | | | | 9 | 120 | 7 | 49 | 2 | 14 | 2 | 9 | 1 | 3 | | | 3 | 196 |
| 13 | | | 7 | 75 | 11 | 121 | 3 | 24 | 3 | 19 | | | | | | | | 239 |
| 14 | 10 | 123 | 5 | 63 | 9 | 58 | | | | | | | | | | | | 244 |
| 15 | 3 | 30 | | | | | 1 | 8 | 9 | 131 | 8 | 73 | 3 | 91 | | | | 283 |
| 16 | | | 1 | 11 | 2 | 19 | 6 | 27 | 15 | 131 | | | | | | | | 188 |
| 17 | 11 | 101 | 7 | 54 | 6 | 58 | | | | | | | | | | | | 213 |
| 18 | 7 | 82 | 1 | 13 | | | | | 11 | 181 | 2 | 35 | 1 | 11 | 2 | 38 | | 360 |
| 19 | | | 4 | 26 | 4 | 31 | | | 14 | 119 | 2 | 14 | | | | | | 190 |
| 20 | | | 5 | 44 | 11 | 95 | 1 | 3 | | | | | | | | | 7 | 149 |
| 21 | 5 | 48 | 4 | 32 | 15 | 155 | | | | | | | | | | | | 235 |
| 22 | | | 8 | 61 | 15 | 232 | 1 | 9 | | | | | | | | | | 302 |
| 23 | | | 4 | 60 | 20 | 238 | | | | | | | | | | | | 298 |
| 24 | | | 3 | 24 | 14 | 110 | 7 | 28 | | | | | | | | | | 162 |
| 25 | 2 | 9 | 1 | 3 | 1 | 4 | 3 | 10 | 13 | 58 | 2 | 15 | | | | | 2 | 101 |
| 26 | | | | | | | 1 | 6 | 23 | 341 | | | | | | | | 347 |
| 27 | | | 6 | 32 | | | | | 18 | 99 | | | | | | | | 131 |
| 28 | 12 | 110 | 12 | 105 | | | | | | | | | | | | | | 215 |
| 29 | 18 | 198 | 4 | 28 | | | | | 2 | 12 | | | | | | | | 238 |
| 30 | | | 3 | 31 | 12 | 74 | 2 | 14 | 7 | 50 | | | | | | | | 169 |
| 31 | | | | | 11 | 89 | 4 | 11 | 7 | 31 | | | 1 | 2 | | | 1 | 134 |
| SUMAS | 115 | 1386 | 141 | 1259 | 207 | 2200 | 67 | 403 | 172 | 1640 | 16 | 146 | 7 | 3 | 2 | 38 | 17 | 7159 |
| % PREVAL POR VELOCIDAD | 19.4 | | 17.6 | | 30.7 | | 5.6 | | 22.9 | | 2.0 | | 1.0 | | 0.5 | | 0.2 | VELOCIDAD MEDIA DIARIA EN EL MES 230 |
| VELOCIDAD MEDIA POR DIRECCIÓN | 12 | | 9 | | 11 | | 6 | | 10 | | 9 | | 10 | | 19 | | 0.8 | |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 1 | 9 | 7 | 4 | 8 | - | - | - | 2 |
| 1 - 2 | 2 | 8 | 7 | 2 | 8 | 1 | - | - | 3 |
| 2 - 3 | 2 | 9 | 7 | 5 | 5 | 1 | 1 | - | 1 |
| 3 - 4 | 4 | 8 | 5 | 4 | 8 | - | - | - | 2 |
| 4 - 5 | 3 | 9 | 4 | 5 | 8 | 1 | - | - | 1 |
| 5 - 6 | 4 | 7 | 3 | 5 | 10 | - | 1 | - | 1 |
| 6 - 7 | 5 | 5 | 5 | 4 | 6 | 1 | 1 | - | 4 |
| 7 - 8 | 6 | 5 | 5 | 7 | 6 | - | 1 | - | 1 |
| 8 - 9 | 8 | 4 | 9 | 1 | 7 | 1 | - | 1 | - |
| 9 - 10 | 8 | 5 | 6 | 4 | 6 | - | 1 | 1 | - |
| 10 - 11 | 7 | 7 | 6 | - | 10 | - | 1 | - | - |
| 11 - 12 | 8 | 6 | 6 | 1 | 9 | 1 | - | - | - |
| 12 - 13 | 8 | 4 | 6 | 2 | 10 | 1 | - | - | - |
| 13 - 14 | 9 | 3 | 9 | 2 | 7 | 1 | - | - | - |
| 14 - 15 | 8 | 3 | 10 | - | 10 | - | - | - | - |
| 15 - 16 | 7 | 2 | 11 | 1 | 9 | 1 | - | - | - |
| 16 - 17 | 6 | 2 | 12 | 1 | 10 | - | - | - | - |
| 17 - 18 | 4 | 3 | 15 | - | 8 | 1 | - | - | - |
| 18 - 19 | 5 | 6 | 13 | 2 | 4 | 1 | - | - | - |
| 19 - 20 | 6 | 7 | 15 | 2 | 3 | 1 | - | - | - |
| 20 - 21 | 3 | 6 | 13 | 4 | 4 | 1 | - | - | - |
| 21 - 22 | 2 | 6 | 17 | 3 | 2 | 1 | - | - | - |
| 22 - 23 | 2 | 8 | 10 | 3 | 6 | 1 | 1 | - | - |
| 23 - 24 | - | 9 | 6 | 5 | 8 | 1 | - | - | 2 |
| SUMAS | 115 | 141 | 207 | 67 | 172 | 16 | 7 | 2 | 17 |
| % de frec. por dirección | 15.4 | 19.0 | 27.8 | 9.0 | 23.1 | 2.2 | 0.9 | 0.3 | 2.3 |

# NUBES. VISIBILIDAD

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

# RADIACIÓN SOLAR

| DÍAS | Hora | BULBOS Negro °C | BULBOS Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0-8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 7 | 3 | 5 | |
| | 10 | | | | 8 | 4 | 5 | |
| | 12 | | | | 8 | 4 | 5 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 5 | |
| 2 | 9 | | | | 5 | 3 | 4 | |
| | 10 | | | | 7 | 3 | 4 | |
| | 12 | | | | 7 | 3 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 5 | 3 | 4 | |
| 3 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | Ne. |
| | 15 | | | | 8 | 0 | 3 | LL. |
| 4 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 2 | 4 | |
| | 15 | | | | 8 | 2 | 4 | |
| 5 | 9 | | | | 8 | 2 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 1 | 4 | |
| | 15 | | | | 8 | 1 | 4 | |
| 6 | 9 | | | | 4 | 4 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 7 | 4 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 7 | 3 | 4 | |
| 7 | 9 | | | | 8 | 3 | 5 | |
| | 10 | | | | 7 | 4 | 5 | |
| | 12 | | | | 8 | 4 | 5 | |
| | 14 | | | | 8 | 0 | 4 | LL. |
| | 15 | | | | 8 | 0 | 5 | |
| 8 | 9 | | | | 8 | 4 | 4 | Ne. |
| | 10 | | | | 6 | 4 | 4 | Ne. |
| | 12 | | | | 6 | 4 | 4 | Ne. |
| | 14 | | | | 8 | 4 | 4 | |
| | 15 | | | | 8 | 4 | 4 | |
| 9 | 9 | | | | 1 | 5 | 5 | |
| | 10 | | | | 2 | 5 | 5 | |
| | 12 | | | | 6 | 3 | 5 | |
| | 14 | | | | 6 | 3 | 5 | |
| | 15 | | | | 5 | 3 | 5 | |
| 10 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 5 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 11 | 9 | | | | 8 | 1 | 4 | |
| | 10 | | | | 7 | 2 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 7 | 3 | 4 | |
| 12 | 9 | | | | 5 | 3 | 3 | |
| | 10 | | | | 5 | 3 | 3 | |
| | 12 | | | | 6 | 3 | 3 | |
| | 14 | | | | 6 | 3 | 3 | |
| | 15 | | | | 5 | 3 | 3 | |
| 13 | 9 | | | | 0 | 5 | 4 | B. |
| | 10 | | | | 0 | 5 | 4 | B. |
| | 12 | | | | 0 | 5 | 4 | B. |
| | 14 | | | | 2 | 4 | 4 | |
| | 15 | | | | 1 | 5 | 4 | |
| 14 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 5 | 4 | 4 | |
| | 12 | | | | 6 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 15 | 9 | | | | 8 | 4 | 5 | |
| | 10 | | | | 6 | 3 | 5 | |
| | 12 | | | | 6 | 4 | 5 | |
| | 14 | | | | 5 | 5 | 5 | |
| | 15 | | | | 5 | 3 | 5 | |
| 16 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 17 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 1 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 18 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 4 | 3 | 4 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 2 | 5 | 4 | |
| 19 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 1 | 5 | 5 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 4 | 4 | 5 | |
| 20 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 2 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 21 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 5 | 5 | 5 | |
| | 14 | | | | 4 | 5 | 5 | |
| | 15 | | | | 7 | 4 | 5 | |
| 22 | 9 | | | | 6 | 5 | 5 | |
| | 10 | | | | 5 | 5 | 5 | |
| | 12 | | | | 7 | 4 | 5 | |
| | 14 | | | | 8 | 4 | 5 | |
| | 15 | | | | 8 | 2 | 4 | |
| 23 | 9 | | | | 7 | 1 | 4 | |
| | 10 | | | | 6 | 3 | 4 | |
| | 12 | | | | 6 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 5 | |
| | 15 | | | | 5 | 3 | 4 | |
| 24 | 9 | | | | 6 | 3 | 3 | |
| | 10 | | | | 6 | 3 | 3 | |
| | 12 | | | | 7 | 0 | 3 | |
| | 14 | | | | 4 | 3 | 4 | |
| | 15 | | | | 4 | 5 | 3 | |
| 25 | 9 | | | | 7 | 2 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 7 | 3 | 4 | |
| | 14 | | | | 6 | 4 | 4 | |
| | 15 | | | | 8 | 3 | 4 | |
| 26 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 7 | 4 | 4 | |
| | 12 | | | | 7 | 4 | 4 | |
| | 14 | | | | 6 | 5 | 5 | |
| | 15 | | | | 6 | 5 | 4 | |
| 27 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 28 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 29 | 9 | | | | 5 | 5 | 5 | |
| | 10 | | | | 7 | 4 | 4 | |
| | 12 | | | | 7 | 4 | 4 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 2 | 5 | 5 | |
| 30 | 9 | | | | 7 | 4 | 3 | |
| | 10 | | | | 8 | 3 | 3 | |
| | 12 | | | | 5 | 3 | 3 | |
| | 14 | | | | 5 | 3 | 3 | |
| | 15 | | | | 5 | 3 | 3 | |
| 31 | 9 | | | | 7 | 2 | 3 | Ne. |
| | 10 | | | | 6 | 4 | 3 | Ne. |
| | 12 | | | | 5 | 3 | 4 | Ne. |
| | 14 | | | | 5 | 3 | 4 | B. |
| | 15 | | | | 3 | 3 | 4 | B. |

## HELIOFANÍA

| DÍAS \ HORAS | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | H.EFECTIVA | H.TEÓR.ASTRON | H.RELATIVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | | 11.9 | 14.3 | 83 |
| 2 | | | | 1.0 | 0.7 | 0.9 | 0.6 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 9.5 | 14.3 | 66 |
| 3 | 0.2 | 0.5 | | 0.3 | 0.1 | | | | | | | | | | 1.1 | 14.2 | 08 |
| 4 | | | | | | | | | 0.6 | 0.3 | 0.1 | 0.4 | | | 1.4 | 14.2 | 10 |
| 5 | | 0.9 | 1.0 | 0.7 | 0.5 | | | | | | | | | | 3.1 | 14.2 | 22 |
| 6 | | 0.8 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.2 | | | 9.0 | 14.2 | 63 |
| 7 | | | | 0.5 | 1.0 | 0.9 | 0.4 | | | | 0.1 | | | | 2.9 | 14.2 | 20 |
| 8 | | | | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.3 | 0.3 | 9.3 | 14.2 | 66 |
| 9 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 12.8 | 14.2 | 90 |
| 10 | 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 | 0.2 | 12.7 | 14.2 | 89 |
| 11 | | | | | | 0.3 | 0.4 | 0.1 | 0.7 | 1.0 | 1.0 | 0.7 | 1.0 | 0.5 | 5.7 | 14.1 | 40 |
| 12 | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.9 | 1.0 | 1.0 | 0.8 | 0.1 | 11.6 | 14.1 | 82 |
| 13 | | 0.6 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.4 | 11.3 | 14.1 | 80 |
| 14 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 13.0 | 14.1 | 92 |
| 15 | | | 0.3 | 0.5 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 10.2 | 14.1 | 72 |
| 16 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 13.1 | 14.0 | 94 |
| 17 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 12.8 | 14.0 | 91 |
| 18 | 0.1 | 0.5 | | | | 0.2 | 1.0 | 1.0 | 1.0 | 0.7 | 1.0 | 1.0 | 1.0 | 0.4 | 7.9 | 14.0 | 56 |
| 19 | 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 | 0.4 | 13.0 | 14.0 | 93 |
| 20 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 13.1 | 14.0 | 94 |
| 21 | 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 | 0.2 | 12.8 | 13.9 | 92 |
| 22 | | 0.5 | 0.2 | 1.0 | 1.0 | 1.0 | 0.9 | 0.5 | 0.8 | | | 0.6 | 0.7 | | 7.2 | 13.9 | 52 |
| 23 | | | | | | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 0.1 | | | | 4.4 | 13.9 | 32 |
| 24 | 0.1 | 1.0 | 1.0 | 1.0 | 0.5 | 0.2 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 9.4 | 13.9 | 68 |
| 25 | 0.3 | 1.0 | 0.6 | 0.4 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.5 | | 9.8 | 13.8 | 71 |
| 26 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 12.8 | 13.8 | 93 |
| 27 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 12.5 | 13.8 | 91 |
| 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 | 0.4 | 13.0 | 13.8 | 94 |
| 29 | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | 11.6 | 13.7 | 85 |
| 30 | | 0.3 | 1.0 | 1.0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 0.3 | 11.0 | 13.7 | 80 |
| 31 | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | | 11.5 | 13.7 | 84 |
| Medias | 0.2 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.2 | 9.7 | 14.0 | 69 |

## GEOTEMPERATURA

| DÍAS | 0.05 m. | | | 0.10 m. | | | 0.20 m. | | | 0.30 m. | | | 0.40 m. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ |
| 1 | 22.1 | 34.4 | 24.2 | 20.7 | 25.8 | 25.5 | 22.1 | 22.8 | 24.1 | 23.2 | 23.1 | 23.3 | 23.5 | 23.5 | 23.3 |
| 2 | 24.0 | 35.2 | 25.8 | 21.0 | 27.0 | 26.9 | 23.4 | 24.2 | 25.3 | 23.7 | 23.8 | 24.4 | 23.6 | 24.1 | 23.9 |
| 3 | 24.2 | 24.8 | 22.2 | 23.8 | 25.2 | 24.1 | 24.2 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.1 | 24.2 |
| 4 | 21.8 | 28.9 | 23.8 | 22.4 | 23.8 | 24.8 | 23.2 | 23.2 | 24.1 | 23.7 | 23.6 | 23.6 | 23.7 | 23.9 | 23.6 |
| 5 | 25.5 | 26.7 | 24.6 | 23.4 | 24.8 | 25.7 | 23.5 | 24.0 | 24.5 | 23.9 | 23.9 | 24.0 | 23.9 | 23.9 | 23.7 |
| 6 | 26.0 | 33.6 | 26.2 | 24.2 | 28.3 | 27.5 | 24.1 | 25.1 | 26.1 | 24.4 | 24.5 | 24.9 | 24.2 | 24.4 | 24.4 |
| 7 | 22.0 | 24.0 | 21.8 | 23.4 | 25.4 | 24.2 | 23.4 | 24.2 | 24.2 | 24.2 | 24.2 | 24.4 | 24.4 | 24.4 | 24.3 |
| 8 | 21.2 | 32.4 | 21.8 | 22.7 | 25.2 | 24.4 | 23.2 | 23.4 | 24.1 | 23.8 | 23.8 | 23.8 | 24.1 | 24.4 | 23.9 |
| 9 | 21.4 | 31.6 | 23.8 | 21.4 | 25.8 | 25.6 | 22.8 | 23.5 | 24.6 | 23.7 | 23.6 | 24.0 | 24.0 | 24.3 | 23.9 |
| 10 | 23.8 | 36.2 | 27.8 | 23.2 | 28.0 | 27.8 | 23.8 | 24.7 | 26.0 | 24.3 | 24.5 | 24.8 | 24.3 | 24.6 | 24.5 |
| 11 | 22.6 | 30.1 | 25.6 | 23.4 | 25.5 | 26.4 | 24.2 | 24.4 | 25.2 | 24.7 | 24.7 | 24.8 | 24.7 | 25.0 | 24.7 |
| 12 | 25.0 | 24.6 | 26.0 | 23.8 | 28.8 | 27.2 | 24.6 | 25.4 | 26.2 | 25.0 | 25.1 | 25.4 | 25.0 | 25.1 | 25.0 |
| 13 | 24.7 | 33.8 | 24.4 | 24.5 | 28.7 | 27.1 | 25.2 | 25.6 | 26.4 | 25.5 | 25.5 | 25.7 | 25.3 | 25.6 | 25.4 |
| 14 | 23.2 | 33.8 | 26.2 | 23.4 | 27.7 | 27.4 | 24.6 | 25.2 | 26.2 | 25.5 | 25.3 | 26.2 | 25.5 | 25.5 | 25.3 |
| 15 | 23.4 | 33.9 | 23.0 | 23.9 | 26.6 | 26.2 | 25.0 | 25.1 | 25.8 | 25.4 | 25.4 | 25.4 | 25.4 | 25.7 | 25.4 |
| 16 | 22.8 | 35.6 | 22.6 | 22.5 | 26.8 | 26.2 | 24.2 | 24.6 | 25.6 | 25.3 | 25.0 | 25.4 | 25.4 | 25.5 | 25.0 |
| 17 | 25.5 | 38.1 | 25.2 | 21.6 | 27.4 | 27.4 | 23.8 | 24.5 | 26.1 | 25.2 | 25.8 | 25.5 | 25.4 | 25.5 | 25.2 |
| 18 | 23.0 | 37.6 | 22.5 | 23.6 | 26.8 | 26.3 | 24.8 | 24.8 | 25.6 | 25.4 | 25.3 | 25.3 | 25.4 | 25.6 | 25.2 |
| 19 | 20.6 | 39.6 | 23.2 | 20.7 | 26.8 | 26.0 | 23.2 | 23.7 | 25.0 | 24.7 | 24.4 | 24.6 | 25.0 | 25.3 | 24.7 |
| 20 | 21.8 | 37.6 | 23.4 | 20.8 | 26.7 | 26.4 | 23.2 | 23.6 | 25.2 | 24.5 | 24.4 | 24.6 | 24.8 | 25.1 | 24.4 |
| 21 | 21.6 | 38.2 | 24.6 | 21.3 | 27.2 | 26.6 | 23.2 | 24.0 | 25.4 | 24.5 | 24.3 | 24.6 | 24.8 | 25.0 | 24.6 |
| 22 | 23.8 | 35.8 | 24.2 | 22.8 | 26.8 | 25.8 | 23.1 | 24.6 | 25.2 | 24.7 | 24.8 | 24.8 | 24.9 | 25.2 | 24.8 |
| 23 | 22.6 | 32.9 | 24.1 | 21.8 | 25.6 | 25.5 | 23.9 | 24.1 | 24.9 | 24.6 | 24.6 | 24.6 | 24.7 | 24.6 | 24.7 |
| 24 | 24.0 | 30.8 | 23.2 | 22.6 | 24.8 | 25.4 | 23.7 | 24.2 | 24.8 | 24.6 | 24.4 | 24.5 | 24.8 | 24.9 | 24.5 |
| 25 | 23.9 | 37.6 | 26.9 | 22.2 | 27.7 | 27.6 | 23.6 | 24.4 | 25.6 | 24.4 | 24.5 | 24.6 | 24.6 | 24.8 | 24.6 |
| 26 | 24.0 | 39.0 | 23.4 | 23.6 | 27.7 | 26.3 | 23.6 | 24.8 | 25.6 | 25.0 | 24.8 | 24.8 | 25.0 | 25.3 | 24.8 |
| 27 | 20.7 | 41.6 | 23.0 | 21.0 | 26.9 | 26.4 | 23.3 | 23.8 | 25.2 | 24.6 | 24.4 | 24.4 | 24.8 | 25.2 | 24.4 |
| 28 | 19.6 | 39.8 | 24.2 | 20.6 | 26.6 | 26.4 | 23.0 | 23.6 | 25.2 | 24.3 | 24.2 | 24.4 | 24.6 | 24.9 | 24.4 |
| 29 | 20.8 | 39.5 | 25.8 | 21.4 | 26.8 | 26.7 | 23.4 | 23.9 | 25.2 | 24.3 | 24.3 | 24.6 | 24.5 | 24.7 | 24.5 |
| 30 | 23.6 | 35.4 | 24.2 | 23.3 | 27.0 | 26.6 | 24.2 | 24.6 | 25.6 | 24.8 | 24.8 | 24.8 | 24.8 | 25.2 | 24.7 |
| 31 | 23.4 | 39.0 | 25.3 | 22.8 | 28.5 | 27.6 | 24.2 | 25.0 | 26.2 | 25.0 | 24.9 | 25.4 | 25.1 | 25.3 | 25.0 |
| Prom. | 22.8 | 34.6 | 24.3 | 22.5 | 26.7 | 26.2 | 23.0 | 24.3 | 25.3 | 24.6 | 23.8 | 24.7 | 24.7 | 24.8 | 24.5 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | 1.50 m. | 7 m. | 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | $14^h$ | $20^h$ | Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Freatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0 | 2.9 | 4.8 | 6.0 | 14.2 | | | | | | | |
| 2 | 0.0 | 0.2 | 0.0 | - | 0 | 3.4 | 4.4 | 4.2 | 11.7 | L.24 | 4.7 | 6.0 | 14.1 | | | |
| 3 | | | | | 0 | 3.1 | 2.6 | 3.3 | 7.5 | | | | | | | |
| 4 | 6.3 | 6.4 | 6.3 | - | 0 | 1.6 | 4.9 | 2.5 | 8.9 | | | | | | | |
| 5 | 1.0 | 1.3 | 1.0 | - | 1 | 1.5 | 3.0 | 3.5 | 7.9 | | | | | | | |
| 6 | | | | | 1 | 1.4 | 2.0 | 2.8 | 6.3 | | | | | | | |
| 7 | | | | | 0 | 1.5 | 2.3 | 4.8 | 9.6 | L.25 | 6.3 | 5.9 | 15.0 | | | |
| 8 | | | | | 0 | 2.5 | 3.2 | 3.3 | 8.3 | | | | | | | |
| 9 | 3.6 | 3.8 | 3.0 | - | 0 | 1.8 | 2.4 | 6.5 | 11.4 | | | | | | | |
| 10 | 1.5 | 2.0 | 1.7 | - | 1 | 2.5 | 3.2 | 1.6 | 6.1 | | | | | | | |
| 11 | 1.6 | 1.9 | 1.4 | - | 0 | 1.3 | 2.6 | 2.2 | 5.5 | | | | | | | |
| 12 | 6.8 | 7.0 | 5.9 | - | 1 | 0.7 | 1.5 | 0.8 | 3.1 | | | | | | | |
| 13 | | | | | 1 | 0.8 | 2.1 | 2.9 | 5.8 | | | | | | | |
| 14 | | | | | 0 | 0.8 | 2.9 | 3.0 | 8.9 | | | | | | | |
| 15 | | | | | 0 | 3.0 | 3.5 | 3.3 | 8.0 | | | | | | | |
| 16 | | | | | 0 | 1.2 | 3.3 | 3.5 | 9.5 | | | | | | | |
| 17 | | | | | 0 | 2.7 | 4.3 | 4.7 | 10.7 | LL. 1 | 6.0 | 9.9 | 6.6 | | | |
| 18 | | | | | 0 | 1.7 | 3.9 | 4.5 | 10.9 | | | | | | | |
| 19 | 6.0 | 6.0 | 5.6 | - | 0 | 2.5 | 4.9 | 4.7 | 10.9 | | | | | | | |
| 20 | 0.4 | 0.4 | 0.2 | - | 1 | 1.3 | 3.5 | 3.8 | 8.9 | | | | | | | |
| 21 | | | | | 0 | 1.6 | 3.2 | 3.3 | 8.5 | | | | | | | |
| 22 | 0.0 | 0.0 | 0.0 | - | 0 | 2.0 | 5.5 | 4.3 | 11.0 | LL. 2 | 5.6 | 6.5 | 8.3 | | | |
| 23 | | | | | 0 | 1.2 | 3.3 | 2.9 | 8.4 | | | | | | | |
| 24 | | | | | 0 | 2.2 | 3.9 | 4.5 | 11.9 | | | | | | | |
| 25 | 14.3 | 15.0 | 14.0 | - | 0 | 3.5 | 3.8 | 4.0 | 10.0 | | | | | | | |
| 26 | | | | | 2 | 2.2 | 2.0 | 2.3 | 6.3 | | | | | | | |
| 27 | | | | | 1 | 2.0 | 2.0 | 3.4 | 7.9 | | | | | | | |
| 28 | | | | | 0 | 2.5 | 5.2 | 5.1 | 12.3 | | | | | | | |
| 29 | 0.0 | 0.0 | 0.0 | - | 0 | 2.0 | 3.2 | 6.6 | 13.4 | | | | | | | |
| 30 | 18.3 | 18.4 | 17.9 | - | 0 | 3.6 | 0.5 | 2.1 | 3.2 | | | | | | | |
| 31 | 48.5 | 50.9 | 49.7 | - | 1 | 0.6 | 1.9 | 2.7 | 6.3 | | | | | | | |
| Prom. | 108.3 | 113.3 | 106.7 | - | - | 2.0 | 3.2 | 3.6 | 8.8 | | | | | | | |

| 0.50 m. $8^h$ | $14^h$ | $20^h$ | 1 m. $8^h$ | $14^h$ | $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 22.7 | 22.8 | 22.8 | 19.7 | | 11.9 | Cn. m., Ca. t. y n. |
| - | - | - | 23.0 | 23.0 | 23.0 | 19.7 | | 17.8 | Ca. m., Cn. t. y n. |
| - | - | - | 23.1 | 23.2 | 23.2 | 19.8 | | 18.2 | Cn. m. y t., Ca. n. |
| - | - | - | 23.3 | 23.3 | 23.3 | 19.9 | | 14.9 | Ca. m., Cn. t. y n., Ds. t., Ru.LL. n. |
| - | - | - | 23.4 | 23.5 | 23.5 | 20.0 | | 17.8 | Cn. m. t. y n., R. m., Dl.R. n. |
| - | - | - | 23.6 | 23.6 | 23.6 | 20.0 | | 16.8 | Cn. m. y t., Ca. n. |
| - | - | - | 23.7 | 23.7 | 23.7 | 20.1 | | 17.6 | Ca. m. y t., Cn. n. |
| - | - | - | 23.8 | 23.8 | 23.8 | 20.2 | | 13.6 | Cn. m., Ca. t. y n. |
| - | - | - | 24.0 | 24.0 | 24.0 | 20.3 | | 14.8 | Ca. m. t. y n., Tv. t. |
| - | - | - | 24.0 | 24.0 | 24.0 | 20.4 | | 14.8 | Cn. m. y t., Ca. n., Ru.LL. m., CH.Ru. t. |
| - | - | - | 24.1 | 24.2 | 24.2 | 20.4 | | 16.7 | Cn. m. t. y n., Ru.LL. m. y t., P. t., R. n. |
| - | - | - | 24.2 | 24.2 | 24.2 | 20.4 | | 15.7 | Cn. m. t. y n., LL. t. y n., Tv. n. |
| - | - | - | 24.0 | 24.0 | 24.0 | 20.4 | | 7.4 | Cn. m. y t., Ca. n. |
| - | - | - | 23.8 | 23.7 | 23.7 | 20.7 | | 5.9 | Cn. m., Ca. t. y n., r. m. |
| - | - | - | 23.6 | 23.6 | 23.6 | 20.7 | | 7.8 | Ca. m. t. y n. |
| - | - | - | 23.4 | 23.5 | 23.5 | 20.7 | | 11.4 | Ca. m. t. y n. |
| - | - | - | 23.4 | 23.5 | 23.5 | 20.8 | | 11.0 | Ca. m. t. y n. |
| - | - | - | 23.5 | 23.6 | 23.6 | 20.9 | | 13.4 | Cn. m. y t., Ca. n., R. t. |
| - | - | - | 23.6 | 23.7 | 23.7 | 20.9 | | 15.3 | Cn. m. t. y n., Ru. CH. n. |
| - | - | - | 23.6 | 23.8 | 23.8 | 20.9 | | 18.4 | Cn. m. t. y n., LL. m. |
| - | - | - | 24.0 | 24.0 | 24.0 | 21.0 | | 13.7 | Ca. m. t. y n., |
| - | - | - | 24.0 | 24.1 | 24.1 | 21.0 | | 18.4 | Cn. m. y n., Ca. t., Tv. t., R. n. |
| - | - | - | 24.1 | 24.1 | 24.1 | 21.0 | | 16.3 | Cn. m. y t., Ca. n. |
| - | - | - | 24.2 | 24.2 | 24.2 | 21.1 | | 10.3 | Ca. m. y n., Cn. t. |
| - | - | - | 24.3 | 24.3 | 24.3 | 21.0 | | 14.6 | Ca. m., Cn. t. y n., Tv. m., R. n. |
| - | - | - | 24.4 | 24.4 | 24.4 | 21.0 | | 17.3 | Cn. m. y t., Ca. n., Tv.LL.Ru. m. |
| - | - | - | 24.4 | 24.5 | 24.6 | 21.0 | | 17.1 | Ca. m. t. y n. |
| - | - | - | 24.6 | 24.6 | 24.6 | 21.3 | | 16.3 | Ca. m., Cn. t. y n. |
| - | - | - | 24.6 | 24.6 | 24.6 | 21.4 | | 19.6 | Ca. m. y n., Cn. t. |
| - | - | - | 24.8 | 24.8 | 24.8 | 21.4 | | 17.8 | Cn. m. y t., Ca. n.. Ru.CH.LL. m. |
| - | - | - | 25.0 | 25.0 | 25.0 | 21.4 | | 15.2 | Cn. m. t. y n., Ru.CH.LL. m., Ru.LL.Tv. n. |
| - | - | - | 23.9 | 23.9 | 23.9 | 20.6 | - | 14.8 | |

## 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 | 56.7 | 53.2 | 8 | 10,11 | 49.8 | 10 | 19-20 | 23.7 | 28.5 | 18.9 | 35.2 | 6 | 14-15 | 15.0 | 1 | 5-6 | 7.4 | 14.2 | 52 |
| 2ª | 55.7 | 64.3 | 20 | 10,11 | 45.5 | 15 | 4-5 | 22.2 | 28.0 | 15.5 | 30.7 | 12 | 13-14 | 9.9 | 20 | 6 | 11.2 | 14.0 | 79 |
| 3ª | 57.9 | 63.4 | 21 | 9 | 53.0 | 24 | 18 | 21.4 | 27.4 | 14.3 | 30.0 | 25 | 14,16 | 9.1 | 27 | 5-6 | 10.5 | 13.8 | 76 |
| MES | 56.8 | 64.3 | 20 | 10,11 | 45.5 | 15 | 4-5 | 22.4 | 27.9 | 16.2 | 35.2 | 6 | 14-15 | 9.1 | 27 | 5-6 | 9.7 | 14.0 | 69 |

| DÉCADA | HUMEDAD DEL AIRE | | | | | | | | VIENTO | | | | | | | | | | LLUVIA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Humedad Relativa | | | | | Tensión del Vapor | | | | | Veloc. Medias Máximas | | | | | Instantáneas | | | | | | | | |
| | Media | Máxima | Día | Mínima | Día | Media | Máxima | Mínima | Dirección Prevalente | Velocidad Media | Diaria | Día | Horaria | Día | Hora | Velocidad Máxima | Dirección | Día | Hora | Total | Máxima en 24 horas | Día | Máxima en 1 hora | Día | Hora |
| | % | % | | % | | mm. mb. | mm. mb. | mm. mb. | | Km/h | Km/h | | Km/h | | | Km/h | | | | mm. | mm. | | mm. | | |
| 1ª | 84 | 100 | varios | 53 | 6 | 17.9 | 26.5 | 10.5 | NE | 9 | 84 | 3 | 26 | 7 | 12-13 | 65 | S | 10 | 23.20 | 160.7 | 60.7 | 10 | - | - | - |
| 2ª | 74 | 100 | varios | 32 | 20 | 14.2 | 22.0 | 7.4 | S | 10 | 60 | 18 | 28 | 18 | 15-16 | 114 | S | 15 | 0.19 | 26.7 | 26.7 | 14 | - | - | - |
| 3ª | 69 | 100 | 27,31 | 30 | 21 | 12.3 | 18.6 | 7.2 | E | 10 | 60 | 16 | 16 | 16 | 13-14 | 44 | S | 26 | 13.52 | 8.2 | 5.5 | 29 | | - | - |
| MES | 75 | 100 | varios | 30 | 21 | 14.7 | 26.5 | 7.2 | E | 11 | 84 | 3 | 28 | 18 | 15-16 | 114 | S | 15 | 0.19 | 195.6 | 60.7 | 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 | Trombe Remolino de polvo | Lluvia | Llovizna | Nieve | Chaparrón de lluvia | Chaparrón de nieve | Granizo | Pedrisco | Viento muy fuerte | Trueno y relámpago | Relámpago |
| 1ª | - | - | 2 | - | - | - | - | 3 | - | - | 1 | - | - | - | 4 | 3 | 4 |
| 2ª | 2 | - | - | - | - | - | - | 2 | - | - | - | - | - | - | 3 | 2 | 2 |
| 3ª | 2 | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - |
| MES | 4 | 1 | 4 | - | - | - | - | 5 | - | - | 1 | - | - | - | 8 | 5 | 6 |

| DÉCADA | FENÓMENOS DE SUPERFICIE | | | | | FENÓMENOS ÓPTICOS | | | | | | CIELO | | TEMPERATURAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rocío | Escarcha | Granizada blanda | Granizada dura | Suelo cubierto de nieve | Halo solar | Halo lunar | Corona solar | Corona lunar | Arco iris | Espejismo | Despejado | Cubierto | 0° | 25° | 35° |
| 1ª | 6 | - | - | - | - | - | - | - | - | - | - | - | 7 | - | 10 | 1 |
| 2ª | 7 | - | - | - | - | - | - | - | - | - | - | 3 | 2 | - | 9 | - |
| 3ª | 7 | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 10 | - |
| MES | 20 | - | - | - | - | - | - | - | - | - | - | 5 | 9 | - | 29 | 1 |

FEBRERO

## POTENCIAL ATMOSFÉRICO en V/M.

| días \ horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 69 | 90 | 55 | 28 | 69 | 110 | 138 | 226 | ∞ | ± ∞ | -110 | - 14 | 28 | 28 | 62 |
| 2 | 14 | 41 | 48 | 41 | 28 | 62 | 110 | 124 | 131 | 97 | 131 | 104 | 110 | 97 | 138 |
| 3 | 41 | 28 | 131 | 55 | -131 | 48 | - 14 | 62 | 21 | 124 | -174 | - 7 | 172 | 97 | 48 |
| 4 | 131 | 83 | 41 | 55 | 83 | 97 | 110 | 83 | 159 | 193 | 213 | 159 | 145 | 200 | 226 |
| 5 | 55 | 28 | 48 | 69 | - | - | 34 | 104 | 179 | 186 | 207 | 179 | 110 | ∞ | -124 |
| 6 | - | 41 | 21 | 34 | 69 | 90 | 159 | 62 | 97 | 97 | 131 | 138 | 76 | 34 | 28 |
| 7 | - | . | - | - | - | - | 145 | 97 | 62 | 62 | 48 | 14 | 14 | 21 | 14 |
| 8 | 62 | 62 | 55 | 69 | 83 | 166 | 186 | 252 | 226 | 186 | 172 | 138 | 138 | 90 | 62 |
| 9 | 76 | 69 | 55 | 55 | 48 | - | - | - | - | - | - | - | - | - | - |
| 10 | 55 | 55 | 34 | 34 | 34 | 41 | 76 | 110 | 117 | 131 | - | - | - | 69 | 69 |
| 11 | - | - | - | - | - | - | - | - | - | - | - | ∞ | 207 | 48 | ± ∞ |
| 12 | - | - | - | - | - | - | - | - | - | 259 | 213 | 145 | 97 | 76 | 69 |
| 13 | 145 | 124 | 97 | 62 | 69 | 97 | ± ∞ | - | - | - | - | - | 55 | 69 | 110 |
| 14 | - | - | - | - | - | - | - | 0 | 28 | 117 | 62 | 159 | 83 | 69 | ± ∞ |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 138 | 145 | 159 | 97 | 179 | 117 | 55 | 41 | 200 | 179 | 179 | - | - | - | - |
| 17 | - | - | - | - | - | - | - | - | 186 | 152 | 104 | 97 | 104 | 117 | 97 |
| 18 | 152 | 117 | 110 | 104 | 97 | 97 | 166 | 186 | 145 | 117 | 117 | 110 | 104 | 97 | 90 |
| 19 | 90 | 83 | 62 | 62 | 69 | 83 | 138 | 186 | 159 | 131 | 131 | 124 | 90 | 62 | 55 |
| 20 | 69 | 41 | 48 | - 41 | ± ∞ | ± ∞ | ± ∞ | ± ∞ | 14 | - 21 | 138 | 104 | 69 | 34 | 34 |
| 21 | 69 | 55 | 48 | 55 | 76 | 104 | 145 | 226 | - | - | - | - | - | - | - |
| 22 | 117 | 124 | 90 | 76 | 83 | 83 | 145 | 131 | 83 | 83 | 117 | 124 | 110 | 104 | 104 |
| 23 | 21 | 28 | 28 | 41 | 28 | 41 | 41 | 48 | 34 | 28 | 21 | 21 | 14 | 28 | 34 |
| 24 | 104 | 104 | 110 | 69 | 55 | 83 | 138 | 186 | 97 | 131 | 117 | 110 | 124 | 104 | 110 |
| 25 | 48 | 69 | 62 | 69 | 62 | 97 | 90 | 186 | 110 | 110 | 97 | 97 | 97 | 48 | 55 |
| 26 | 34 | 21 | 21 | 28 | 28 | 34 | 28 | 28 | - 7 | 7 | 7 | 28 | 34 | 48 | 48 |
| 27 | - | - | 21 | - 76 | 28 | 21 | 21 | 69 | 76 | 14 | - 55 | - 34 | - 21 | - 7 | 14 |
| 28 | 97 | 69 | 62 | 48 | 34 | 34 | 41 | 41 | 69 | 34 | 166 | 41 | 69 | 76 | 34 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 88.0 | 86.2 | 69.0 | 63.8 | 62.0 | 74.2 | 103.5 | 136.0 | 105.2 | 89.5 | 127.8 | 96.5 | 91.5 | 72.5 | 62.0 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | - | - | - | - | 636 | 424 | 1060 | 1.50 | - | - |
| 2 | - | - | - | - | 498 | 405 | 903 | 1.23 | - | - |
| 3 | - | - | - | - | 604 | 511 | 1115 | 1.18 | - | - |
| 4 | 0.70 | 0.72 | 1.42 | 0.97 | 501 | 352 | 853 | 1.42 | 0.98 | 1.43 |
| 5 | 0.87 | 0.91 | 1.78 | 0.96 | 759 | 572 | 1331 | 1.33 | 0.80 | 1.11 |
| 6 | 0.87 | 0.91 | 1.78 | 0.96 | 684 | 526 | 1210 | 1.30 | 0.89 | 1.20 |
| 7 | 0.96 | 1.09 | 2.05 | 0.88 | 820 | 686 | 1506 | 1.19 | 0.82 | 1.11 |
| 8 | 0.93 | 0.90 | 1.83 | 1.03 | 767 | 530 | 1297 | 1.45 | 0.85 | 1.19 |
| 9 | 0.84 | 0.91 | 1.75 | 0.92 | 835 | 513 | 1348 | 1.62 | 0.70 | 1.24 |
| 10 | 0.81 | 0.83 | 1.64 | 0.98 | 645 | 406 | 1051 | 1.59 | 0.88 | 1.43 |
| 11 | 0.86 | 0.85 | 1.71 | 1.01 | 695 | 531 | 1226 | 1.31 | 0.87 | 1.12 |
| 12 | 0.89 | 0.86 | 1.75 | 1.03 | 561 | 490 | 1051 | 1.15 | 1.11 | 1.23 |
| 13 | 0.57 | 0.63 | 1.20 | 0.90 | 446 | 378 | 824 | 1.18 | 0.89 | 1.16 |
| 14 | - | - | - | - | 555 | 634 | 1189 | 0.88 | - | - |
| 15 | - | - | - | - | - | - | - | - | - | - |
| 16 | 0.57 | 0.57 | 1.14 | 1.00 | 577 | 491 | 1068 | 1.17 | 0.71 | 0.81 |
| 17 | 0.74 | 0.77 | 1.51 | 0.96 | 707 | 442 | 1149 | 1.60 | 0.73 | 1.22 |
| 18 | 0.85 | 0.97 | 1.82 | 0.88 | 808 | 699 | 1507 | 1.15 | 0.74 | 0.97 |
| 19 | 0.84 | 0.93 | 1.77 | 0.90 | 835 | 567 | 1402 | 1.47 | 0.70 | 1.14 |
| 20 | 0.90 | 1.01 | 1.91 | 0.89 | 659 | 452 | 1111 | 1.46 | 0.95 | 1.56 |
| 21 | - | - | - | - | 556 | 213 | 769 | 2.62 | - | - |
| 22 | 0.74 | 0.84 | 1.58 | 0.88 | 619 | 516 | 1135 | 1.20 | 0.84 | 1.14 |
| 23 | 0.90 | 0.98 | 1.88 | 0.92 | 758 | 611 | 1369 | 1.24 | 0.83 | 1.12 |
| 24 | 0.78 | 0.82 | 1.60 | 0.95 | 477 | 400 | 877 | 1.19 | 1.14 | 1.43 |
| 25 | 0.94 | 0.98 | 1.92 | 0.96 | 597 | 404 | 1001 | 1.48 | 1.10 | 1.70 |
| 26 | 1.13 | 1.22 | 2.35 | 0.92 | 831 | 708 | 1539 | 1.17 | 0.95 | 1.21 |
| 27 | 1.06 | 1.30 | 2.38 | 0.80 | 662 | 627 | 1289 | 1.06 | 1.12 | 1.47 |
| 28 | 0.78 | 0.81 | 1.59 | 0.96 | 495 | 321 | 816 | 1.54 | 1.11 | 1.76 |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Prom. | 0.86 | 0.91 | 1.77 | 0.94 | 651 | 499 | 1150 | 1.30 | 0.92 | 1.27 |

| 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios | Máximo | Mínimo | Amplit. | Tipo de Curva |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | 41 | 48 | 97 | 69 | 28 | 55 | 34 | 28 | - | ∞ | - ∞ | - | 3 |
| 69 | 117 | 14 | - 21 | 28 | 14 | - 41 | - 41 | 124 | - | 529 | -571 | 1100 | 2 |
| 55 | 48 | 48 | 124 | 166 | 159 | 166 | 152 | 138 | - | 776 | -748 | 1524 | 2 |
| 226 | 220 | 239 | 193 | 179 | - | - | - | 76 | - | 310 | 00 | 310 | 0 |
| 110 | 152 | 152 | 117 | 97 | - | - | 152 | 83 | - | ∞ | -809 | - | 3 |
| - 14 | - 7 | 14 | 41 | 62 | 104 | 124 | 104 | 83 | - | 213 | - 55 | 268 | 2 |
| - 14 | 21 | 28 | 28 | 41 | - 48 | - 41 | - 48 | 28 | - | 207 | -217 | 424 | 2 |
| 76 | 76 | 62 | 83 | 48 | 41 | 69 | 55 | 55 | - | 291 | -124 | 415 | 2 |
| - | - | - | 28 | 48 | 172 | 138 | 83 | 62 | - | 207 | - 21 | 228 | 1 |
| 34 | - 14 | 90 | 90 | 97 | 69 | 62 | 28 | - | - | 226 | -188 | 414 | 1 |
| - ∞ | - 14 | - 28 | ∞ | ∞ | 124 | ∞ | - | - | - | ∞ | - ∞ | - | 3 |
| 41 | 55 | 41 | 69 | 117 | 265 | 131 | 152 | 145 | - | 322 | 14 | 308 | 0 |
| 138 | 55 | 166 | 41 | - 14 | ∞ | 159 | - 14 | ± ∞ | - | ∞ | - ∞ | - | 3 |
| -267 | ∞ | 76 | 188 | - | - | - | - | - | - | ∞ | - ∞ | - | 3 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | 138 | - | 272 | - 90 | 362 | 2 |
| 117 | 104 | 110 | 172 | 200 | 193 | 159 | 145 | 159 | - | 297 | 55 | 242 | 0 |
| 90 | - | - | - | - | 179 | 110 | 97 | 97 | - | 220 | 34 | 186 | 0 |
| 83 | 90 | 138 | 200 | 259 | 152 | 117 | 83 | 83 | 113.7 | 443 | 21 | 422 | 0 |
| 34 | 55 | 76 | 110 | 172 | 220 | 131 | 28 | 41 | - | ∞ | - ∞ | - | 3 |
| - | - | - | 152 | 200 | 152 | 213 | 172 | 145 | - | 420 | 28 | 392 | 0 |
| 131 | 124 | 145 | 110 | 83 | 48 | - 28 | 7 | 21 | 92.3 | 297 | -224 | 521 | 1 |
| 41 | 55 | 55 | 69 | 104 | 90 | 48 | 76 | 69 | - | 117 | - 28 | 145 | 2 |
| 138 | 104 | 48 | 48 | 34 | - | - | 28 | 34 | - | 213 | 7 | 206 | 0 |
| 55 | 41 | 28 | 41 | 41 | 41 | 34 | 34 | 41 | 68.9 | 272 | 00 | 272 | 0 |
| 55 | 110 | 41 | 76 | 48 | 28 | 34 | 34 | 41 | - | 246 | - 48 | 294 | 2 |
| 28 | 41 | 62 | 138 | 200 | 186 | 34 | 83 | 138 | - | 722 | -477 | 1199 | 2 |
| 104 | 117 | 131 | 166 | 200 | 166 | 131 | 97 | 76 | 87.6 | 259 | - 21 | 280 | 1 |
| 93.2 | 93.0 | 110.5 | 129.2 | 145.8 | 63.5 | 55.3 | 55.3 | 90.6 | | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "i" . $10^{-7}$ U.E.S. por cm² | NÚCLEOS AITKEN por cm³ |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | | |
| 8973 | 9726 | 18699 | 0.92 | - | 38,500 |
| 12137 | 13944 | 26081 | 0.87 | - | - |
| 9980 | 9817 | 19797 | 1.01 | - | 36,250 |
| 10434 | 11633 | 22067 | 0.90 | - | - |
| 9633 | 11127 | 20760 | 0.87 | - | - |
| 9417 | 10276 | 19693 | 0.92 | - | 23,500 |
| 5461 | 6658 | 12119 | 0.82 | - | - |
| 9556 | 11270 | 20826 | 0.85 | - | - |
| 7373 | 8301 | 15674 | 0.99 | - | - |
| 10766 | 12820 | 23586 | 0.84 | - | 40,250 |
| 10374 | 11709 | 22083 | 0.89 | - | - |
| 4428 | 6231 | 10659 | 0.71 | - | 25,000 |
| 6764 | 7211 | 13975 | 0.94 | - | - |
| 5035 | 4039 | 9074 | 1.25 | - | 47,500 |
| - | - | - | - | - | - |
| 6825 | 6631 | 13456 | 1.03 | - | - |
| 7892 | 8854 | 16746 | 0.89 | - | - |
| 6473 | 7178 | 13651 | 0.90 | - | 35,750 |
| 6589 | 7684 | 14273 | 0.86 | 6.71 | 33,500 |
| 6874 | 7106 | 13970 | 0.97 | - | - |
| 9995 | 11893 | 21888 | 0.85 | - | - |
| 7626 | 8325 | 15951 | 0.92 | 4.85 | - |
| 7966 | 11324 | 19290 | 0.71 | - | - |
| 10020 | 11436 | 21456 | 0.87 | - | - |
| 7882 | 9123 | 17005 | 0.87 | 4.41 | - |
| 5653 | 7369 | 13022 | 0.77 | - | - |
| 7173 | 8344 | 15517 | 0,86 | - | - |
| 12824 | 14244 | 27068 | 0.90 | 4.64 | - |
| 8431 | 9519 | 17950 | 0.89 | 5.15 | 35,031 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.76 | 0.60 | 0.67 | 0.79 | 0.79 | 0.63 | 0.66 | - | - | - | - | - |
| 5 | - | 1.22 | 1.18 | 1.08 | 1.02 | 1.02 | 0.79 | - | - | - | - | - |
| 6 | 0.74 | 0.68 | 0.82 | 0.94 | 0.82 | 1.08 | 1.13 | 1.20 | 1.36 | 0.93 | 0.89 | 0.81 |
| 7 | - | - | - | - | - | - | - | - | 1.07 | 0.99 | 1.08 | 0.64 |
| 8 | 1.35 | 1.32 | 1.29 | 1.38 | 1.45 | 1.12 | 0.81 | 0.63 | 0.63 | 0.70 | 0.69 | 0.71 |
| 9 | 0.99 | 0.64 | 0.98 | 1.09 | - | - | - | - | - | - | - | - |
| 10 | 0.83 | 0.77 | 1.16 | 0.87 | 1.17 | 1.56 | 0.94 | 0.95 | 0.67 | 0.62 | 0.63 | 0,57 |
| 11 | 1.16 | 1.40 | 1.24 | 1.50 | 1.45 | 1.44 | 1.24 | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | - | 1.12 | 0.78 | 0.86 | 1.13 |
| 13 | 0.66 | 0.77 | 1.02 | 0.92 | 0.79 | 0.63 | 0.37 | 0.60 | 0.47 | 0.56 | 0.53 | 0.50 |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 0.63 | 0.46 | 0.54 | 0.60 | 0.53 | 0.59 | 0.62 | 0.64 | - | - | - | - |
| 17 | - | - | - | - | - | - | - | - | 0.90 | 0.71 | 0.69 | 0.68 |
| 18 | 0.81 | 1.06 | 1.06 | - | - | - | - | - | - | 0.93 | 0.99 | 0.82 |
| 19 | 1.07 | 1.18 | 1.12 | 1.08 | 1.10 | 0.90 | 0.66 | 0.80 | 1.04 | 0.77 | 0.80 | 0.64 |
| 20 | 1.19 | 0.78 | 0.74 | - | - | - | - | - | - | - | - | - |
| 21 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | - | - | - | - | - | - | - | - | 0.96 | 0.93 | 0.84 | 0.78 |
| 24 | - | - | - | - | - | - | - | - | - | 0.78 | 0.79 | 0.77 |
| 25 | 0.79 | 0.60 | 1.37 | 1.50 | 1.20 | 0.92 | 0.69 | 0.85 | 1.12 | 0.92 | 0.88 | 0.76 |
| 26 | 1.35 | 1.61 | 1.70 | 1.75 | 1.45 | 1.47 | 1.22 | 1.15 | 1.18 | 1.13 | 1.01 | 1.00 |
| 27 | 0.95 | 1.19 | 1.02 | 1.16 | 1.29 | 1.26 | 1.06 | 0.81 | 0.93 | 0.87 | 1.13 | - |
| 28 | - | - | - | - | - | - | - | - | 0.53 | 0.45 | 0.85 | 1.06 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 0.95 | 0.95 | 1.06 | 1.13 | 1.08 | 1.05 | 0.85 | 0.85 | 0.92 | 0.80 | 0.84 | 0.77 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 0.80 | 0.68 | 0.78 | 0.74 | 0.72 | 0.58 | 0.74 | - | - | - | - | - |
| 5 | - | 1.45 | 1.20 | 1.17 | 1.00 | 1.10 | 0.89 | - | - | - | - | - |
| 6 | 0.77 | 0.69 | 0.83 | 0.89 | 0.84 | 1.05 | 1.24 | 1.45 | 1.29 | 0.95 | 0.88 | 0.80 |
| 7 | - | - | - | - | - | - | - | - | 1.24 | 1.07 | 1.02 | 0.71 |
| 8 | 1.40 | 1.25 | 1.30 | 1.27 | 1.14 | 0.73 | 0.71 | 0.58 | 0.63 | 0.67 | 0.72 | 0.72 |
| 9 | 1.01 | 0.82 | 1.06 | 1.25 | - | - | - | - | - | - | - | - |
| 10 | 0.91 | 0.83 | 1.26 | 1.11 | 1.05 | 1.20 | 1.07 | 1.05 | 0.73 | 0.64 | 0.59 | 0.57 |
| 11 | 1.24 | 1.37 | 1.27 | 1.47 | 1.32 | 1.24 | 1.12 | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | 0.84 | 0.87 | 0.64 | 0.74 | 1.22 |
| 13 | 0.58 | 0.79 | 0.90 | 0.87 | 0.82 | 0.79 | 1.13 | 0.51 | 0.44 | 0.55 | 0.66 | 0.73 |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 0.55 | 0.44 | 0.52 | 0.56 | 0.52 | 0.58 | 0.70 | 0.61 | - | - | - | - |
| 17 | - | - | - | - | - | - | - | - | 0.88 | 0.76 | 0.79 | 0.75 |
| 18 | 0.91 | 0.97 | 1.15 | - | - | - | - | - | - | 0.92 | 1.04 | 0.91 |
| 19 | 1.21 | 1.14 | 1.44 | 1.30 | 1.17 | 0.99 | 0.63 | 1.05 | 1.01 | 0.89 | 0.81 | 0.75 |
| 20 | 1.35 | 0.84 | 0.85 | - | - | - | - | - | - | - | - | - |
| 21 | - | - | - | - | - | - | - | - | - | - | - | - |
| 22 | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | - | - | - | - | - | - | - | - | 1.09 | 1.07 | 0.93 | 0.91 |
| 24 | - | - | - | - | - | - | - | - | - | 0.91 | 0.77 | 0.82 |
| 25 | 0.77 | 0.81 | 1.46 | 1.51 | 0.93 | 0.74 | 0.58 | 1.08 | 1.09 | 0.88 | 0.89 | 0.77 |
| 26 | 1.37 | 1.63 | 1.91 | 1.79 | 1.52 | 1.37 | 1.39 | 1.24 | 1.32 | 1.20 | 1.15 | 1.15 |
| 27 | 1.31 | 1.41 | 1.30 | 1.60 | 1.68 | 1.51 | 1.34 | 1.19 | 0.96 | 0.98 | 1.22 | - |
| 28 | - | - | - | - | - | - | - | - | 0.53 | 0.68 | 0.74 | 1.02 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 1.01 | 1.01 | 1.15 | 1.19 | 1.06 | 0.99 | 0.96 | 0.96 | 0.93 | 0.85 | 0.86 | 0.84 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.70 |
| - | - | - | 0.91 | 0.83 | 0.73 | 0.72 | 0.74 | 0.47 | 0.81 | 0.68 | 0.81 | 0.87 |
| 0.91 | 0.86 | 0.79 | 0.79 | 0.75 | 0.76 | 0.79 | 0.61 | 0.56 | - | - | - | 0.87 |
| 0.85 | 1.03 | 1.06 | 1.02 | 0.91 | 1.07 | 1.01 | 0.76 | 0.74 | 0.84 | 1.06 | 1.29 | 0.96 |
| 0.64 | 0.76 | 0.76 | 0.84 | 0.93 | 1.00 | 0.90 | 0.71 | 0.61 | 0.74 | 1.12 | 1.12 | 0.93 |
| - | - | - | - | - | 0.97 | 0.90 | 0.84 | 0.66 | 0.59 | 0.72 | 0.86 | 0.84 |
| 0.55 | 0.61 | 0.81 | 0.60 | 0.58 | 0.55 | 0.98 | 0.65 | 0.49 | 0.84 | 1.18 | 0.97 | 0.81 |
| - | 0.72 | 0.51 | 0.45 | 0.47 | 0.41 | 0.44 | 0.43 | 0.52 | 0.33 | - | - | 0.86 |
| 1.22 | 1.01 | 1.03 | 1.03 | 1.06 | 0.98 | 1.11 | 0.79 | 0.52 | 0.52 | 0.56 | 0.65 | 0.89 |
| 0.48 | 0.46 | 0.53 | 0.51 | 0.41 | 0.45 | 0.47 | 0.41 | 0.52 | 0.56 | 0.56 | - | 0.57 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.57 |
| 0.74 | 0.70 | 0.80 | 0.76 | 0.81 | 0.86 | 0.59 | 0.57 | 0.63 | 0.97 | 0.75 | 0.71 | 0.74 |
| 0.96 | 0.87 | 0.75 | 0.81 | 0.86 | 0.91 | 0.77 | 0.65 | 0.71 | 0.39 | 0.94 | 1.07 | 0.85 |
| 0.71 | 0.90 | 0.73 | 0.69 | 0.57 | 0.74 | 0.61 | 0.49 | 0.45 | 1.01 | 0.98 | 1.00 | 0.84 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.90 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0.85 | 0.81 | 0.82 | 0.45 | 0.76 | - | - | - | - | - | - | - | 0.74 |
| 0.77 | 0.85 | 0.93 | 0.92 | 0.94 | 1.11 | - | - | - | - | - | - | 0.90 |
| 0.68 | 0.65 | 0.68 | 0.71 | 0.71 | 0.69 | 0.77 | 0.70 | 0.88 | 0.98 | 1.02 | 0.95 | 0.78 |
| 0.70 | 0.76 | 0.73 | 0.70 | 0.72 | 0.71 | 0.86 | 1.06 | 1.06 | 1.10 | 1.20 | 1.33 | 0.94 |
| 1.10 | 0.84 | 0.74 | 0.86 | 0.86 | 0.84 | 0.54 | 0.92 | 1.04 | 0.95 | 1.16 | 1.19 | 1.13 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.06 |
| 0.92 | 0.96 | 0.79 | 0.82 | 0.76 | 0.69 | 0.58 | 0.91 | 0.88 | 0.75 | 0.69 | 0.84 | 0.78 |
| 0.80 | 0.79 | 0.78 | 0.76 | 0.76 | 0.79 | 0.75 | 0.70 | 0.67 | 0.76 | 0.90 | 0.98 | 0.86 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.72 |
| - | - | - | 0.84 | 0.84 | 0.75 | 0.67 | 0.90 | 0.68 | 0.74 | 0.62 | 0.79 | 0.91 |
| 0.92 | 0.85 | 0.92 | 0.88 | 0.84 | 0.84 | 0.84 | 0.74 | 0.56 | - | - | - | 0.91 |
| 0.97 | 1.22 | 1.22 | 1.17 | 1.14 | 1.22 | 1.02 | 0.81 | 1.00 | 1.02 | 1.27 | 1.38 | 1.09 |
| 0.67 | 0.83 | 0.78 | 0.91 | 0.98 | 0.91 | 0.82 | 0.69 | 0.73 | 0.79 | 1.22 | 1.19 | 0.90 |
| - | - | - | - | - | 1.16 | 0.94 | 0.81 | 0.67 | 0.63 | 0.77 | 0.93 | 0.91 |
| 0.57 | 0.62 | 0.80 | 0.63 | 0.62 | 0.58 | 0.62 | 0.60 | 0.56 | 0.99 | 1.32 | 0.99 | 0.83 |
| - | 0.76 | 0.67 | 0.55 | 0.53 | 0.46 | 0.42 | 0.42 | 0.50 | 0.25 | - | - | 0.85 |
| 1.22 | 0.97 | 0.97 | 0.95 | 1.14 | 1.02 | 1.12 | 0.65 | 0.51 | 0.51 | 0.55 | 0.65 | 0.86 |
| 0.67 | 0.60 | 0.51 | 0.53 | 0.40 | 0.46 | 0.47 | 0.51 | 0.46 | 0.66 | 0.51 | - | 0.63 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.56 |
| 0.76 | 0.73 | 0.81 | 0.73 | 0.81 | 0.63 | 0.56 | 0.58 | 0.61 | 0.98 | 1.16 | 0.87 | 0.77 |
| 1.14 | 1.00 | 0.87 | 0.93 | 1.05 | 0.98 | 0.75 | 1.07 | 0.91 | 0.96 | 0.84 | 1.10 | 0.97 |
| 0.81 | 0.88 | 0.76 | 0.66 | 0.68 | 0.68 | 0.55 | 0.58 | 0.63 | 1.20 | 1.17 | 1.27 | 0.93 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.01 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0.84 | 0.82 | 0.94 | 0.59 | 1.00 | - | - | - | - | - | - | - | 0.84 |
| 0.87 | 1.03 | 0.96 | 0.97 | 1.02 | 0.97 | - | - | - | - | - | - | 0.98 |
| 0.72 | 0.64 | 0.74 | 0.72 | 0.69 | 0.77 | 0.77 | 0.76 | 0.94 | 1.03 | 1.09 | 0.96 | 0.82 |
| 0.73 | 0.76 | 0.79 | 0.79 | 0.78 | 0.79 | 0.96 | 1.20 | 1.23 | 1.45 | 1.27 | 1.29 | 0.98 |
| 1.17 | 0.92 | 0.85 | 1.13 | 0.99 | 0.91 | 0.65 | 1.11 | 1.24 | 0.92 | 1.17 | 1.32 | 1.22 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.32 |
| 0.88 | 0.93 | 0.90 | 0.83 | 0.80 | 0.67 | 0.58 | 1.02 | 0.96 | 0.72 | 0.76 | 0.94 | 0.81 |
| 0.86 | 0.85 | 0.84 | 0.81 | 0.84 | 0.81 | 0.73 | 0.78 | 0.76 | 0.86 | 0.98 | 1.05 | 0.91 |

## IONES LIVIANOS POSITIVOS "n+" por cm³

| Días \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 347 | 822 | 434 | 521 | 521 | 521 | 868 | 608 | 868 | 1035 | 782 | 868 |
| 2 | 347 | 347 | 434 | 521 | 434 | 434 | 521 | 521 | 347 | 434 | 521 | 707 |
| 3 | 260 | 347 | 434 | 707 | 868 | 707 | 564 | 434 | 608 | 1035 | 347 | 735 |
| 4 | 521 | 521 | 707 | 707 | 707 | 707 | 782 | 825 | 521 | 434 | 260 | 260 |
| 5 | 868 | 1115 | 1395 | 1275 | 1155 | 912 | 782 | 248 | 1115 | 608 | 608 | 608 |
| 6 | 521 | 521 | 521 | 521 | 658 | 782 | 1111 | 782 | 1035 | 955 | 745 | 707 |
| 7 | 782 | 707 | 868 | 782 | 608 | 707 | 745 | 868 | 1194 | 1115 | 1035 | 608 |
| 8 | 1194 | 1115 | 1035 | 1035 | 1115 | 707 | 901 | 434 | 434 | 521 | 521 | 521 |
| 9 | 868 | 782 | 707 | 868 | 1035 | 1194 | 1115 | - | - | - | - | - |
| 10 | 614 | 707 | 868 | 1115 | 782 | 955 | 868 | 951 | 782 | 707 | 521 | 434 |
| 11 | 368 | 1035 | 868 | 1194 | 1035 | 868 | 868 | 825 | 955 | 1195 | 652 | 1315 |
| 12 | - | - | - | - | - | - | - | 521 | 608 | 707 | 868 | 782 |
| 13 | 303 | 434 | 521 | 521 | 521 | 521 | 991 | 434 | 434 | 477 | 434 | 434 |
| 14 | 1475 | 861 | 304 | 260 | 260 | 304 | 174 | 174 | 521 | 608 | 868 | 868 |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | - | - | - | - | - | - | - | -- | 477 | 521 | 521 | 608 |
| 17 | 608 | 608 | - | - | - | - | - | - | 1235 | 868 | 955 | 1035 |
| 18 | 434 | 608 | 608 | 707 | 782 | 782 | 868 | 782 | 1035 | 1115 | 1194 | 1235 |
| 19 | 1155 | 1115 | 955 | 868 | 825 | 782 | 782 | 782 | 1035 | 1275 | 948 | 614 |
| 20 | 707 | 868 | 955 | 647 | 871 | 738 | 868 | - | - | - | - | - |
| 21 | 608 | 707 | 782 | 608 | 521 | 521 | 658 | 608 | - | - | - | - |
| 22 | 347 | 347 | 434 | 434 | 434 | 434 | 521 | 707 | 782 | 955 | 1075 | 995 |
| 23 | 782 | - | - | - | - | - | - | - | 1275 | 1194 | 955 | 782 |
| 24 | 347 | 347 | 347 | 434 | 608 | 521 | 608 | 521 | 955 | 782 | 521 | 521 |
| 25 | 347 | 477 | 1194 | 1155 | 782 | 658 | 608 | 707 | 868 | 707 | 521 | 521 |
| 26 | 868 | 1194 | 1775 | 1155 | 1115 | 868 | 782 | 1035 | 1115 | 1035 | 1035 | 1035 |
| 27 | 608 | 434 | 565 | 608 | 868 | 707 | 658 | 868 | 1035 | 912 | 955 | 782 |
| 28 | 434 | 434 | 434 | 347 | 521 | 658 | 695 | 521 | 347 | 347 | 434 | 260 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 648 | 685 | 745 | 739 | 766 | 695 | 754 | 677 | 816 | 814 | 720 | 718 |

## IONES LIVIANOS NEGATIVOS "n-" por cm³

| Días \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 457 | 676 | 376 | 376 | 312 | 312 | 150 | 312 | 312 | 715 | 676 | 676 |
| 2 | 226 | 226 | 312 | 226 | 226 | 226 | 150 | 226 | 376 | 376 | 1390 | 752 |
| 3 | 312 | 226 | 150 | 976 | 1112 | 1188 | 1250 | 376 | 1250 | 226 | 344 | 489 |
| 4 | 226 | 312 | 414 | 376 | 312 | 312 | 312 | 639 | 451 | 451 | 226 | 269 |
| 5 | 602 | 828 | 940 | 940 | 715 | 526 | 451 | 751 | 828 | 526 | 451 | 376 |
| 6 | 451 | 451 | 564 | 676 | 970 | 602 | 602 | 526 | 414 | 676 | 526 | 376 |
| 7 | 676 | 602 | 752 | 676 | 526 | 602 | 602 | 752 | 976 | 976 | 676 | 676 |
| 8 | 905 | 639 | 905 | 905 | 905 | 602 | 526 | 376 | 376 | 451 | 451 | 526 |
| 9 | 376 | 414 | 526 | 602 | 676 | 602 | - | - | - | - | - | - |
| 10 | 376 | 376 | 451 | 526 | 312 | 376 | 376 | 676 | 602 | 526 | 376 | 312 |
| 11 | 676 | 676 | 602 | 752 | 639 | 526 | 602 | 639 | 828 | 1052 | 564 | 976 |
| 12 | - | - | - | - | - | - | 451 | 526 | 602 | 752 | 676 | 676 |
| 13 | 376 | 451 | 451 | 451 | 451 | 861 | 376 | 312 | 526 | 376 | 419 | 376 |
| 14 | 828 | 1250 | 752 | 263 | 226 | 226 | 263 | 150 | 526 | 752 | 1052 | 974 |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | - | - | - | - | - | - | - | - | 376 | 376 | 451 | 526 |
| 17 | 526 | 526 | - | - | - | - | - | - | 602 | 602 | 451 | 526 |
| 18 | 376 | 526 | 526 | 602 | 676 | 676 | 752 | 676 | 828 | 905 | 976 | 1052 |
| 19 | 826 | 976 | 976 | 676 | 526 | 376 | 312 | 526 | 864 | 976 | 790 | 451 |
| 20 | 451 | 602 | 526 | 560 | 752 | 639 | 752 | - | - | - | - | - |
| 21 | 226 | 226 | 226 | 226 | 226 | 150 | 150 | - | - | - | - | - |
| 22 | 150 | 150 | 226 | 226 | 226 | 312 | 226 | 526 | 976 | 1052 | 976 | 752 |
| 23 | - | - | - | - | - | - | - | - | 1120 | 1052 | 905 | 676 |
| 24 | 376 | 312 | 312 | 376 | 526 | 451 | 526 | 451 | 752 | 752 | 451 | 602 |
| 25 | 226 | 301 | 714 | 677 | 451 | 312 | 312 | 376 | 639 | 526 | 376 | 376 |
| 26 | 602 | 905 | 1012 | 940 | 790 | 639 | 602 | 976 | 1138 | 1052 | 1052 | 1052 |
| 27 | 608 | 608 | 419 | 602 | 676 | 526 | 526 | 826 | 1052 | 1052 | 1052 | 752 |
| 28 | 226 | 312 | 376 | 376 | 312 | 312 | 301 | 312 | 226 | 226 | 226 | 226 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 462 | 524 | 544 | 565 | 545 | 494 | 460 | 520 | 695 | 684 | 647 | 602 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 782 | 782 | 782 | 707 | 608 | 707 | 608 | 608 | 434 | 347 | 347 | 347 | 636 |
| 521 | 434 | 707 | 651 | 782 | 521 | 477 | 521 | 608 | 434 | 390 | 347 | 498 |
| 1075 | 955 | 868 | 782 | 744 | 782 | 608 | 260 | 347 | 347 | 347 | 347 | 604 |
| 347 | 260 | 260 | 347 | 347 | 434 | 434 | 434 | 347 | 434 | 608 | 831 | 500 |
| 652 | 608 | 564 | 434 | 868 | 782 | 707 | 434 | 434 | 347 | 434 | 521 | 759 |
| 707 | 707 | 868 | 707 | 608 | 658 | 707 | 608 | 521 | 434 | 434 | 608 | 684 |
| 955 | 782 | 707 | 707 | 868 | 955 | 868 | 782 | 608 | 608 | 738 | 1075 | 820 |
| 707 | 707 | 955 | 521 | 782 | 868 | 868 | 782 | 521 | 434 | 782 | 955 | 767 |
| - | - | - | - | - | 1115 | 955 | 782 | 608 | 434 | 521 | 707 | 835 |
| 347 | 521 | 707 | 477 | 260 | 347 | 347 | 347 | 434 | 782 | 948 | 658 | 645 |
| 707 | 521 | 434 | 347 | 347 | 260 | 260 | 260 | 303 | 174 | - | - | 695 |
| 782 | 782 | 707 | 608 | 608 | 434 | 521 | 390 | 260 | 260 | 347 | 347 | 561 |
| 687 | 260 | 347 | 260 | 347 | 347 | 390 | 303 | 260 | 260 | 260 | 948 | 446 |
| 868 | 608 | 390 | 521 | 608 | 434 | 434 | - | - | - | - | - | 555 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 521 | 521 | 434 | 521 | 521 | 707 | 608 | 707 | 782 | 608 | 390 | 782 | 577 |
| 955 | 955 | 868 | 782 | 782 | 608 | 434 | 434 | 434 | 347 | 390 | 434 | 707 |
| 1035 | 868 | 955 | 868 | 868 | 707 | 434 | 347 | 434 | 707 | 1035 | 995 | 808 |
| 1115 | 1194 | 1275 | 707 | 608 | 782 | 521 | 434 | 434 | 521 | 707 | 608 | 835 |
| - | - | - | - | - | - | - | 521 | 434 | 434 | 434 | 434 | 659 |
| - | - | - | - | - | - | - | 694 | 390 | 434 | 347 | 347 | 556 |
| 782 | 608 | 608 | 782 | 707 | 608 | 521 | 434 | 434 | 608 | 521 | 782 | 619 |
| 782 | 782 | 825 | 868 | 868 | 825 | 694 | 521 | 521 | 347 | 434 | 434 | 758 |
| 434 | 434 | 521 | 434 | 434 | 434 | 347 | 434 | 434 | 347 | 347 | 347 | 477 |
| 390 | 434 | 434 | 434 | 390 | 434 | 434 | 434 | 434 | 521 | 608 | 831 | 597 |
| 955 | 707 | 608 | 707 | 707 | 608 | 347 | 260 | 390 | 434 | 608 | 608 | 831 |
| 608 | 608 | - | - | - | - | - | - | - | 347 | 347 | 347 | 662 |
| 477 | 744 | 782 | 707 | 744 | 608 | 521 | 303 | 260 | 260 | 521 | 521 | 495 |
| 716 | 658 | 678 | 603 | 626 | 623 | 543 | 481 | 443 | 431 | 514 | 606 | 651 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 676 | 676 | 602 | 526 | 451 | 376 | 375 | 188 | 226 | 226 | 226 | 269 | 424 |
| 376 | 339 | 602 | 602 | 715 | 564 | 419 | 312 | 226 | 226 | 312 | 312 | 405 |
| 226 | 526 | 676 | 602 | 451 | 451 | 376 | 226 | 226 | 226 | 150 | 226 | 511 |
| 312 | 226 | 312 | 376 | 312 | 376 | 376 | 226 | 312 | 312 | 414 | 602 | 352 |
| 531 | 828 | 639 | 489 | 526 | 376 | 376 | 312 | 376 | 451 | 451 | 451 | 572 |
| 451 | 526 | 676 | 602 | 526 | 451 | 312 | 526 | 451 | 376 | 376 | 526 | 526 |
| 828 | 752 | 602 | 676 | 676 | 752 | 602 | 376 | 451 | 676 | 752 | 828 | 686 |
| 526 | 676 | 451 | 526 | 526 | 451 | 312 | 188 | 226 | 376 | 451 | 451 | 530 |
| - | - | - | - | - | 976 | 676 | 488 | 226 | 312 | 344 | 451 | 513 |
| 312 | 344 | 451 | 312 | 312 | 226 | 226 | 312 | 376 | 451 | 676 | 451 | 406 |
| 602 | 451 | 376 | 312 | 312 | 226 | 226 | 226 | 269 | 150 | - | - | 531 |
| 676 | 602 | 526 | 526 | 376 | 451 | 644 | 226 | 226 | 312 | 312 | 269 | 490 |
| 376 | 601 | 226 | 312 | 226 | 312 | 312 | 344 | 263 | 226 | 226 | 226 | 378 |
| 1120 | 752 | 864 | 828 | 526 | 376 | 312 | - | - | - | - | - | 634 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 451 | 451 | 376 | 451 | 451 | 602 | 526 | 602 | 676 | 526 | 344 | 676 | 491 |
| 526 | 526 | 451 | 376 | 376 | 312 | 376 | 376 | 376 | 312 | 344 | 376 | 442 |
| 1120 | 905 | 752 | 828 | 752 | 752 | 602 | 376 | 312 | 376 | 602 | 828 | 699 |
| 752 | 676 | 752 | 451 | 312 | 376 | 150 | 226 | 269 | 312 | 526 | 526 | 567 |
| - | - | - | - | - | - | - | 226 | 150 | 226 | 312 | 226 | 452 |
| - | - | - | - | - | - | - | 226 | 226 | 226 | 226 | 226 | 213 |
| 602 | 602 | 676 | 676 | 526 | 344 | 312 | 376 | 526 | 602 | 676 | 676 | 516 |
| 602 | 676 | 602 | 676 | 602 | 526 | 376 | 451 | 451 | 312 | 376 | 376 | 611 |
| 451 | 451 | 526 | 376 | 312 | 312 | 226 | 226 | 226 | 226 | 150 | 226 | 400 |
| 312 | 312 | 312 | 226 | 312 | 376 | 376 | 376 | 376 | 451 | 451 | 526 | 404 |
| 905 | 676 | 602 | 602 | 526 | 526 | 312 | 312 | 376 | 376 | 526 | 451 | 708 |
| 676 | 602 | - | - | - | - | - | - | - | 226 | 226 | 226 | 637 |
| 434 | 526 | 526 | 451 | 451 | 312 | 150 | 226 | 226 | 226 | 376 | 376 | 321 |
| 577 | 571 | 547 | 513 | 459 | 450 | 373 | 318 | 322 | 335 | 393 | 431 | 499 |

## IONES PESADOS POSITIVOS "N+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27800 | 3585 | 11690 | 8060 | 8950 | 12590 | 13430 | 7180 | 4490 | 4490 | 2690 | 4490 |
| 2 | 20350 | 17050 | 18870 | 17950 | 17050 | 18870 | 22400 | 21520 | 17050 | 8950 | 4490 | 6295 |
| 3 | 17950 | 17050 | 15250 | 35000 | 20700 | 8950 | 8060 | 12590 | 6295 | 6295 | 5380 | 2690 |
| 4 | 7180 | 6295 | 4490 | 4490 | 4490 | 5380 | 5380 | 6295 | 9860 | 10770 | 15250 | 20700 |
| 5 | 4490 | 3585 | 4490 | 4490 | 6295 | 7180 | 6295 | 8060 | 6295 | 9860 | 9860 | 12590 |
| 6 | 15250 | 14350 | 13430 | 13430 | 13430 | 11690 | 8060 | 8060 | 6295 | 7180 | 8950 | 10770 |
| 7 | 4490 | 6295 | 3585 | 4490 | 7180 | 7180 | 8060 | 4490 | 4490 | 5380 | 5380 | 11690 |
| 8 | 5380 | 5380 | 6295 | 5380 | 6295 | 8950 | 13430 | 17050 | 15250 | 11690 | 12590 | 9860 |
| 9 | 8060 | 8060 | 6295 | 6295 | 4490 | 5380 | - | - | - | - | - | - |
| 10 | 5380 | 8060 | 6295 | 5380 | 8060 | 8060 | 8060 | 7180 | 10770 | 11690 | 15250 | 17950 |
| 11 | 4490 | 4490 | 6295 | 4490 | 4490 | 7180 | 4490 | 7180 | 7180 | 8060 | 13430 | 22400 |
| 12 | - | - | - | - | - | - | - | - | 3585 | 3585 | 2690 | 1795 |
| 13 | 5380 | 3585 | 2690 | 2690 | 3585 | 3585 | 9860 | 12590 | 14350 | 9860 | 11690 | 8060 |
| 14 | 3585 | 6295 | 10770 | 4490 | 7180 | 3585 | 3585 | 2690 | 4490 | 2690 | 3585 | 4490 |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 7180 | 10770 | 11690 | 8950 | 9860 | 9860 | 10770 | 8060 | 3585 | 3585 | 5380 | 4490 |
| 17 | 5380 | 4490 | 4490 | 5380 | 8060 | 4490 | 5380 | 5380 | 6295 | 6295 | 7180 | 7180 |
| 18 | 11690 | 8060 | 7180 | 7180 | 5380 | 6295 | 4490 | 4490 | - | - | 2690 | 2690 |
| 19 | 3585 | 4490 | - | 4490 | 5380 | 5380 | 2690 | 6295 | 5380 | 3585 | 3585 | 8060 |
| 20 | 4490 | 4490 | 4490 | 3585 | 4490 | 8060 | 6295 | - | - | - | - | - |
| 21 | 5380 | 4490 | 4490 | 5380 | 7180 | 6295 | 8060 | - | - | - | - | - |
| 22 | 10770 | 13430 | 16130 | 11690 | 9860 | 11690 | 7180 | 4490 | 4490 | 3585 | 3585 | 5380 |
| 23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 11690 | 11690 | 11690 | 13430 | 6295 | 7180 | 8060 | 9860 | 5380 | 6295 | 9860 | 8950 |
| 25 | 14350 | 14350 | 2690 | 2690 | 5380 | 7180 | 9860 | 8060 | 3585 | 6295 | 8950 | 9860 |
| 26 | 2690 | 2690 | 2690 | 3585 | 3585 | 3585 | 5380 | 4490 | 3585 | 4490 | 5380 | 3585 |
| 27 | 4490 | 3585 | 5380 | 4490 | 4490 | 5380 | 6295 | 7180 | - | - | - | - |
| 28 | 13430 | 17050 | 13430 | 12590 | 11690 | 12590 | 23360 | 21520 | 18870 | 15250 | 13430 | 15250 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 8996 | 8146 | 8116 | 8003 | 7754 | 7863 | 8705 | 8850 | 7694 | 7137 | 7785 | 9056 |

## IONES PESADOS NEGATIVOS "N−" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11690 | 6295 | 12590 | 6295 | 12590 | 13430 | 13430 | 7180 | 5380 | 5380 | 4490 | 5380 |
| 2 | 20350 | 17950 | 20350 | 18870 | 20350 | 24200 | 22400 | 20700 | 13430 | 13430 | 9860 | 11690 |
| 3 | 20350 | 17050 | 17950 | 22400 | 4490 | 33190 | 6295 | 8060 | 8950 | 4490 | 5380 | 3585 |
| 4 | 8060 | 7180 | 4490 | 4490 | 5380 | 4490 | 5380 | 7180 | 10770 | 14350 | 18870 | 28730 |
| 5 | 5380 | 6295 | 4490 | 5380 | 5380 | 8950 | 8060 | 7180 | 8060 | 11690 | 10770 | 14350 |
| 6 | 17050 | 15250 | 14350 | 15250 | 14350 | 10770 | 9860 | 8060 | 7180 | 9860 | 10770 | 10770 |
| 7 | 5380 | 6295 | 6295 | 6295 | 8060 | 7180 | 6295 | 6295 | 6295 | 6295 | 7180 | 9860 |
| 8 | 6295 | 6295 | 6295 | 6295 | 8060 | 13430 | 16130 | 15250 | 15250 | 13430 | 13430 | 11690 |
| 9 | 9860 | 7180 | 7180 | 6295 | 6295 | - | - | - | - | - | - | - |
| 10 | 9860 | 8950 | 7180 | 8060 | 10770 | 10770 | 8060 | 11690 | 11690 | 15250 | 17950 | 18870 |
| 11 | 7180 | 6295 | 6295 | 6295 | 7180 | 7180 | 7180 | 8060 | 9860 | 16130 | 16130 | 17050 |
| 12 | - | - | - | - | - | - | - | 11690 | 6295 | 5380 | 3585 | 3585 |
| 13 | 5380 | 2690 | 3585 | 3585 | 4490 | 4490 | 7180 | 14350 | 8060 | 13430 | 14350 | 8060 |
| 14 | 5380 | 4490 | 4490 | 5380 | 2690 | 1795 | 5380 | 1795 | 3585 | 1795 | 3585 | 2690 |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | 9860 | 8950 | 11690 | 11690 | 12590 | 9860 | 9860 | 4490 | 4490 | 4490 | 898 | 4490 |
| 17 | 4490 | 3585 | 3585 | 5380 | 5380 | 4490 | 6295 | 6295 | 7180 | 8060 | 8060 | 7180 |
| 18 | 9860 | 7180 | 8060 | 7180 | 5380 | 7180 | 6295 | 5380 | - | - | 3585 | 3585 |
| 19 | 3585 | 4490 | - | 10770 | 5380 | 8060 | 13430 | 6295 | 5380 | 3585 | 7180 | 10770 |
| 20 | 4490 | 3585 | 2690 | 4490 | 4490 | 5380 | 8950 | - | - | - | - | - |
| 21 | 6295 | 6295 | 5380 | 7180 | 8950 | 8060 | - | - | - | - | - | - |
| 22 | 14350 | 17050 | 15250 | 8060 | 20350 | 9860 | 7180 | 6295 | 5380 | 5380 | 7180 | 5380 |
| 23 | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 13430 | 14350 | 15250 | 8950 | 8060 | 8060 | 13430 | 9860 | 7180 | 8060 | 12590 | 8950 |
| 25 | 15250 | 8060 | 4490 | 5380 | 9860 | 8950 | 12590 | 4490 | 7180 | 8950 | 8950 | 11690 |
| 26 | 3585 | 3585 | 3585 | 3585 | 4490 | 6295 | 6295 | 6295 | 5380 | 6295 | 6295 | 5380 |
| 27 | 5380 | 5380 | 5380 | 6295 | 4490 | 6295 | 7180 | - | - | - | - | - |
| 28 | 18870 | 17050 | 16130 | 16130 | 14350 | 17050 | 26000 | 21520 | 17950 | 14350 | 12590 | 20700 |
| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 9666 | 8471 | 8626 | 8399 | 8554 | 9976 | 10137 | 9018 | 8329 | 9051 | 9258 | 10202 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3585 | 4490 | 5380 | 4490 | 4490 | 5380 | 5380 | 8060 | 10770 | 16130 | 18870 | 18870 | 8973 |
| 8950 | 4490 | 4490 | 2690 | 6295 | 5380 | 5380 | 9860 | 8950 | 11690 | 16130 | 16130 | 12137 |
| 3585 | 2690 | 5380 | 2690 | 2690 | 4490 | 8060 | 13430 | 13430 | 8060 | 8950 | 9860 | 9980 |
| 16130 | 18870 | 17950 | 15250 | 14350 | 13430 | 11690 | 9860 | 9860 | 10770 | 6295 | 5380 | 10434 |
| 12590 | 8060 | 8060 | 9860 | 7180 | 8060 | 8950 | 14350 | 15250 | 20350 | 18870 | 16130 | 9633 |
| 8060 | 7180 | 7180 | 6295 | 5380 | 6295 | 7180 | 8060 | 11690 | 14350 | 9860 | 3585 | 9417 |
| 6295 | 4490 | 4490 | 2690 | 2690 | 3585 | 4490 | 6295 | 8060 | 6295 | 4490 | 4490 | 5461 |
| 8950 | 8060 | 10770 | 7180 | 6295 | 6295 | 8060 | 10770 | 20350 | 8950 | 8950 | 7180 | 9556 |
| - | - | - | - | - | - | - | - | - | 10770 | 8060 | 8950 | 7373 |
| 17050 | 11690 | 10770 | 10770 | 14350 | 13430 | 16130 | 17050 | 14350 | 8060 | 6295 | 6295 | 10766 |
| 8060 | 6295 | 9860 | 24200 | 17050 | 17950 | 17050 | 14350 | 11690 | 13430 | 4490 | - | 10374 |
| 2690 | 3585 | 3585 | 3585 | 2690 | 3585 | 4490 | 7180 | 9860 | 7180 | 5380 | 5380 | 4428 |
| 6295 | 4490 | 5380 | 8060 | 8060 | 8950 | 6295 | 4490 | 8950 | 5380 | 5380 | 2690 | 6764 |
| 4490 | 6295 | 3585 | 3585 | 7180 | 8060 | - | - | - | - | - | - | 5035 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | 3585 | 2690 | 3585 | 4490 | 8950 | 5380 | 6825 |
| 6295 | 7180 | 6295 | 7180 | 6295 | 6295 | 12590 | 13430 | 15250 | 13430 | 12590 | 12590 | 7892 |
| 2690 | 2690 | 3585 | 2690 | 3585 | 2690 | 5380 | 12590 | 16130 | 20350 | 5380 | 4490 | 6473 |
| 3585 | 3585 | 2690 | 4490 | 8060 | 8060 | 17050 | 17050 | 13430 | 9860 | 6295 | 4490 | 6589 |
| - | - | - | - | - | - | - | 8950 | 8950 | 10770 | 9860 | 8060 | 6874 |
| - | - | - | - | - | - | - | 9860 | 17050 | 20350 | 17050 | 14350 | 9995 |
| 8060 | 8060 | 6295 | 7180 | 3585 | 6295 | 10770 | 13430 | 6295 | 4490 | 2690 | 3585 | 7626 |
| - | - | - | - | 1795 | 3585 | 3585 | 8950 | 9860 | 10770 | 12590 | 12590 | 7966 |
| 8950 | 9860 | 9860 | 9860 | 9860 | 15250 | 9860 | 10770 | 11690 | 9860 | 11690 | 12590 | 10020 |
| 10770 | 10770 | 9860 | 9860 | 8950 | 8060 | 7180 | 8060 | 8060 | 7180 | 5380 | 1795 | 7882 |
| 3585 | 8060 | 10770 | 8060 | 5380 | 7180 | - | 15250 | 8060 | 7180 | 5380 | 5380 | 5653 |
| - | - | - | - | - | - | - | - | - | - | 17050 | 13430 | 7173 |
| 8060 | 5380 | 7180 | 5380 | 10770 | 8060 | 11690 | 18870 | 15250 | 13430 | 7180 | 8060 | 12824 |
| 7558 | 6965 | 7305 | 7431 | 7135 | 7744 | 8802 | 10986 | 11534 | 10943 | 9388 | 8469 | 8431 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5380 | 4490 | 5380 | 5380 | 5380 | 6295 | 5380 | 13430 | 15250 | 23360 | 18870 | 20700 | 9726 |
| 8950 | 7180 | 5380 | 7180 | 7180 | 7180 | 8060 | 9860 | 9860 | 13430 | 17950 | 18870 | 13944 |
| 3585 | 4490 | 4490 | 1795 | 3585 | 4490 | 9860 | 12590 | 9860 | 9860 | 8950 | 9860 | 9817 |
| 17950 | 20700 | 18870 | 15250 | 16130 | 13430 | 12590 | 11690 | 12590 | 8060 | 7180 | 5380 | 11633 |
| 10770 | 8950 | 8950 | 11690 | 8950 | 9860 | 10770 | 17050 | 26000 | 20350 | 18870 | 18870 | 11127 |
| 8060 | 8060 | 8060 | 8060 | 7180 | 6295 | 8950 | 9860 | 11690 | 13430 | 7180 | 6295 | 10276 |
| 6295 | 4490 | 4490 | 4490 | 6295 | 5380 | 8950 | 9860 | 8060 | 7180 | 6295 | 6295 | 6658 |
| 8950 | 8950 | 14350 | 9860 | 8060 | 8950 | 11690 | 21520 | 20350 | 8950 | 8950 | 8060 | 11270 |
| - | - | - | - | - | - | - | | - | 10770 | 10770 | 8060 | 8301 |
| 17950 | 14350 | 13430 | 16130 | 16130 | 16130 | 18870 | 17050 | 12590 | 8950 | 8060 | 8950 | 12820 |
| 9860 | 8060 | 10770 | 31460 | 20700 | 12590 | 16130 | 17050 | 10770 | 5380 | - | - | 11709 |
| 4490 | 4490 | 4490 | 4490 | 3585 | 5380 | 6295 | 9860 | 7180 | 8060 | 11690 | 5380 | 6231 |
| 8060 | 6295 | 7180 | 8060 | 9860 | 9860 | 5380 | 6295 | 8060 | 4490 | 5380 | 4490 | 7211 |
| 4490 | 6295 | 2690 | 3585 | 6295 | 6295 | - | - | - | - | - | - | 4039 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | 4490 | 3585 | 3585 | 3585 | 5380 | 5380 | 6631 |
| 8060 | 8950 | 8060 | 8950 | 8060 | 10770 | 14350 | 17050 | 17050 | 14350 | 13430 | 13430 | 8854 |
| 3585 | 3585 | 3585 | 3585 | 3585 | 4490 | 8060 | 18870 | 18870 | 16130 | 6295 | 3585 | 7178 |
| 3585 | 3585 | 4490 | 7180 | 6295 | 11690 | 14350 | 17050 | 9860 | 9860 | 4490 | 5380 | 7684 |
| - | - | - | - | - | - | - | 8950 | 11690 | 11690 | 11690 | 7180 | 7106 |
| - | - | - | - | - | - | 9860 | 15250 | 20700 | 21520 | 18870 | 14350 | 11893 |
| 8060 | 8060 | 6295 | 5380 | 5380 | 11690 | 9860 | 6295 | 4490 | 4490 | 4490 | 3585 | 8325 |
| - | - | - | - | 3585 | 6295 | 11690 | 9860 | 13430 | 15250 | 16130 | 14350 | 11324 |
| 10770 | 11690 | 11690 | 11690 | 15250 | 13430 | 9860 | 10770 | 11690 | 11690 | 13430 | 14350 | 11436 |
| 12590 | 11690 | 10770 | 10770 | 11690 | 8950 | 10770 | 8060 | 9860 | 6295 | 6295 | 5380 | 9123 |
| 6295 | 11690 | 11690 | 8060 | 11690 | 8060 | 13430 | 17050 | 8060 | 7180 | 6295 | 6295 | 7369 |
| - | - | - | - | - | - | - | - | - | - | 20350 | 14350 | 8344 |
| 8950 | 8060 | 7180 | 4490 | 8060 | 9860 | 21520 | 18870 | 15250 | 11690 | 8060 | 7180 | 14244 |
| 8414 | 8291 | 8204 | 8930 | 8769 | 8971 | 10920 | 12824 | 12366 | 11040 | 10614 | 9440 | 9519 |

## COMPONENTE NORTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.9 | 24.0 | 22.3 | 18.9 | 20.6 | 18.9 | 15.4 | 17.2 | 12.0 | 15.4 | 25.8 | 27.4 | 17.2 |
| 2 | 13.8 | 17.2 | 15.4 | 15.4 | 12.0 | 10.3 | 13.8 | 17.2 | 27.4 | 36.0 | 39.5 | 43.0 | 36.0 |
| 3 | 15.4 | 17.2 | 17.2 | 15.4 | 15.4 | 13.8 | 8.6 | 10.3 | 12.0 | 25.8 | 32.7 | 29.2 | 15.4 |
| 4 | 10.3 | 12.0 | 10.3 | 6.9 | 8.6 | 6.9 | - 1.4 | - 1.4 | 3.4 | 25.8 | 30.9 | 24.0 | 24.0 |
| 5 | 15.4 | 17.2 | 10.3 | 8.6 | 25.8 | 15.4 | 8.6 | 5.9 | 10.3 | 17.2 | 27.4 | 24.0 | 18.9 |
| 6 | 13.8 | 13.8 | 17.2 | 18.9 | 24.0 | 17.2 | 12.0 | 6.9 | 12.0 | 25.8 | 25.8 | 30.9 | 12.0 |
| 7 | 13.8 | 17.2 | 17.2 | 17.2 | 18.9 | 18.9 | 12.0 | 10.3 | 3.4 | 20.3 | 30.9 | 29.2 | 20.6 |
| 8 | 22.3 | 15.4 | 17.2 | 24.0 | 22.3 | 24.0 | 20.6 | 17.2 | 12.0 | 25.8 | 32.7 | 27.4 | 20.6 |
| 9 | 18.9 | 22.3 | 18.9 | 20.6 | 25.8 | 24.0 | - | - | - | - | - | - | - |
| 10 | 18.9 | 22.3 | 24.0 | 24.0 | 25.8 | 22.3 | 18.9 | 13.8 | 15.4 | 20.6 | 29.2 | 32.7 | 30.9 |
| 11 | 1.7 | -19.0 | 1.7 | 15.4 | 3.4 | 17.2 | 15.4 | -32.7 | 39.5 | 24.0 | 56.4 | 44.7 | 56.4 |
| 12 | - | - | - | - | - | - | - | - | - | 20.6 | 22.3 | 25.8 | 34.3 |
| 13 | 15.4 | 15.4 | 15.4 | 20.6 | 15.4 | 29.2 | 1.7 | - 1.4 | - 6.8 | 1.7 | 10.3 | 24.0 | - |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | - | - | - | - | - | - | - | - | -10.8 | - 8.1 | - 6.8 | - 9.5 | - |
| 17 | -16.3 | -10.8 | -12.2 | - 6.8 | - 8.1 | - 2.7 | -12.2 | -17.6 | -13.6 | - 8.1 | -13.6 | - 9.5 | 5.2 |
| 18 | 8.1 | -10.8 | - 6.8 | - 8.1 | - 5.4 | - 8.1 | - 9.5 | -13.6 | -10.8 | - 6.8 | - 5.4 | - 1.7 | - 2.7 |
| 19 | - 8.1 | - 9.5 | -10.8 | - 4.1 | - 1.4 | 1.7 | - 4.1 | - 6.8 | - | - | - | - | - |
| 20 | - 6.8 | -12.2 | - 5.4 | - 4.1 | 8.6 | 12.0 | 8.6 | - | - | - | - | - | - |
| 21 | -12.2 | - 6.8 | - 5.4 | 1.7 | - 2.7 | -10.8 | - 8.1 | - | - | - | - | - | - |
| 22 | - 1.4 | - 1.4 | - 8.1 | - 5.4 | - 1.4 | - 1.4 | - 5.4 | - | - | - 6.8 | 1.7 | 10.3 | 1.7 |
| 23 | 4.1 | 1.7 | - 5.4 | - 5.4 | - 1.4 | 1.7 | - 6.8 | - 9.5 | - 9.5 | - 2.7 | 6.9 | 10.3 | 13.8 |
| 24 | - 1.4 | - 1.4 | - 2.7 | 1.7 | 1.7 | 3.4 | - 2.7 | - 6.8 | - 9.5 | - 1.4 | 6.9 | 10.3 | 8.6 |
| 25 | 1.7 | 1.7 | 1.7 | 3.4 | 3.4 | 3.4 | - 1.4 | - 6.8 | - 9.5 | - 2.7 | 6.9 | 13.8 | 15.4 |
| 26 | 1.7 | 1.7 | - 1.4 | 3.4 | 5.2 | 3.4 | 1.7 | - 1.4 | - 2.7 | 1.7 | 3.4 | 5.2 | 8.6 |
| 27 | - 1.4 | 1.7 | 1.7 | 344 | 3.4 | 3.4 | 1.7 | - 1.4 | 1.7 | 5.2 | 8.6 | 13.8 | 13.8 |
| 28 | 5.2 | 3.4 | 3.4 | 3.4 | 8.6 | 24.0 | 20.6 | 1.7 | 5.2 | 15.4 | 8.6 | 15.4 | 17.2 |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| Prom | 5.6 | 5.5 | 5.6 | 7.9 | 9.5 | 10.3 | 4.7 | 3.4 | 4.0 | 11.1 | 17.3 | 19.3 | 18.4 |
| Var. | - 2.6 | - 2.7 | - 2.6 | - 0.3 | 1.3 | 2.1 | - 3.5 | - 4.8 | - 4.2 | 2.9 | 9.1 | 11.1 | 10.2 |

## COMPONENTE ESTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - 5.3 | 1.6 | - 1.3 | - 4.0 | - 9.3 | - 9.3 | -12.0 | -13.3 | -33.2 | -24.0 | -24.0 | -16.0 | -13.3 |
| 2 | 3.1 | - 1.3 | - 2.7 | 1.6 | 3.1 | 4.7 | 11.0 | 3.1 | 3.1 | 6.3 | 9.4 | 9.4 | 20.4 |
| 3 | 6.3 | 9.4 | 3.1 | 15.7 | 15.7 | 11.0 | 14.1 | 11.0 | - 6.7 | - 9.3 | - 5.3 | 11.0 | 4.7 |
| 4 | - 1.3 | - 4.0 | - 5.3 | - 1.3 | 3.1 | 1.6 | 7.8 | 40.8 | 37.7 | 34.5 | 42.4 | 6.3 | 3.1 |
| 5 | 3.4 | 1.7 | - 1.3 | 3.1 | 6.3 | - 1.3 | 6.3 | -16.0 | -18.6 | -26.6 | -24.0 | -21.3 | -18.6 |
| 6 | - 6.7 | - 8.0 | - 8.0 | -13.3 | -14.6 | -14.6 | -16.0 | -17.3 | -25.3 | -21.3 | -25.3 | -16.0 | -14.6 |
| 7 | -14.6 | -12.0 | -12.0 | -13.3 | -13.3 | -13.3 | -13.3 | -24.0 | -34.6 | -24.0 | -24.0 | -17.3 | -17.3 |
| 8 | - 9.3 | - 9.3 | - 8.0 | -12.0 | -10.6 | -12.0 | - 9.3 | -20.0 | -31.9 | -29.3 | -29.3 | -24.0 | -24.0 |
| 9 | -21.3 | -18.6 | -20.0 | -24.0 | -21.3 | -20.0 | - | - | - | - | - | - | - |
| 10 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | -10.6 | - 4.0 | - 9.3 | - 8.0 | - 9.3 | -13.3 | -13.3 | -17.3 | -27.9 | -22.6 | -18.6 | - 5.3 | - 4.0 |
| 12 | - | - | - | - | - | - | - | -13.3 | -18.6 | -20.0 | -22.6 | -12.0 | -10.6 |
| 13 | - 5.3 | - 8.0 | - 8.0 | - 4.0 | - 2.7 | - 5.3 | 3.1 | 11.0 | -10.6 | -16.0 | -12.0 | - 2.7 | - |
| 14 | - 9.3 | -12.0 | -13.3 | -17.3 | -14.6 | -18.6 | -22.6 | -24.0 | -24.0 | -14.6 | -17.3 | -21.3 | -14.6 |
| 15 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | -20.0 | -17.3 | -16.0 | -18.6 | -16.0 | - 9.3 | - 9.3 | -10.6 | -12.0 | -14.6 | -16.0 | -16.0 | - |
| 17 | - 6.7 | - 6.7 | - 5.3 | - 8.0 | -10.6 | - 8.0 | - 9.3 | -10.6 | -18.6 | -18.6 | -18.6 | -13.3 | -12.0 |
| 18 | - 8.0 | - 6.7 | - 9.3 | -10.6 | -13.3 | -12.0 | -13.3 | -13.3 | -17.3 | -24.0 | -18.6 | -16.0 | -16.0 |
| 19 | -10.6 | - 8.0 | - 8.0 | - 9.3 | -13.3 | -14.6 | -14.6 | -21.3 | -26.6 | -22.6 | -18.6 | -13.3 | -13.3 |
| 20 | - 8.0 | - 6.7 | - 6.7 | -12.0 | -17.3 | -18.6 | -24.0 | - | - | - | - | - | - |
| 21 | -10.6 | -12.0 | -17.3 | -16.0 | -18.6 | -20.0 | -22.6 | - | - | - | - | - | - |
| 22 | -12.0 | - 9.3 | - 9.3 | -13.3 | -16.0 | -17.3 | -20.0 | - | - | -18.6 | -16.0 | -14.6 | -16.0 |
| 23 | - 8.0 | - 5.3 | - 6.7 | - 8.0 | - 8.0 | -10.6 | -13.3 | -14.6 | - 8.0 | -10.6 | -13.3 | -16.0 | -12.0 |
| 24 | - 2.7 | - 1.3 | - 1.3 | - 5.3 | - 8.0 | -10.6 | -16.0 | -17.3 | -21.3 | -20.0 | -18.6 | -12.0 | -12.0 |
| 25 | - 5.3 | - 6.7 | - 8.0 | - 9.3 | -13.3 | -13.3 | -13.3 | -17.3 | -20.0 | -16.0 | -14.6 | -14.6 | -14.6 |
| 26 | - 6.7 | - 5.3 | - 2.7 | - 6.7 | -13.3 | -13.3 | -17.3 | -17.3 | -25.3 | -22.6 | -17.3 | -14.6 | -12.0 |
| 27 | -10.6 | - 5.3 | - 5.3 | - 9.3 | -12.0 | -16.0 | -14.6 | -18.6 | -22.6 | -17.3 | -17.3 | -10.6 | -16.0 |
| 28 | - 9.3 | - 9.3 | - 9.3 | -13.3 | -16.0 | -17.3 | -16.0 | -13.3 | -20.0 | -13.3 | -10.6 | -12.0 | -13.3 |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| Prom | - 7.6 | - 6.6 | - 7.6 | - 8.7 | - 9.7 | -10.8 | -10.3 | -10.6 | -17.4 | -15.9 | -14.4 | -11.4 | -12.7 |
| Var. | 3.6 | 4.6 | 3.6 | 2.5 | 1.5 | 0.4 | 0.9 | 0.6 | - 6.2 | - 4.7 | - 3.2 | - 0.2 | - 1.5 |

## LINEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.9 | 24.0 | 24.0 | 17.2 | 8.6 | 13.8 | 17.2 | 15.4 | 13.8 | 17.2 | 15.4 | 18.3 | 0 |
| 20.6 | 20.6 | 22.3 | 20.6 | 17.2 | 18.9 | 15.4 | 13.8 | 12.0 | 17.2 | 13.8 | 20.4 | 0 |
| 5.2 | 3.4 | 6.9 | 8.6 | 8.6 | 12.0 | 1.7 | 1.7 | 6.9 | 12.0 | 13.8 | 12.9 | 1 |
| 8.6 | 13.8 | - 6.8 | - 8.1 | 3.4 | 15.4 | 15.4 | 18.9 | 10.3 | 15.4 | 17.2 | 11.0 | 2 |
| 10.3 | 12.0 | 13.8 | - 2.7 | 4.1 | 18.9 | 18.9 | 18.9 | 17.2 | 17.2 | 20.6 | 14.8 | 2 |
| 15.4 | 13.8 | 10.3 | 12.0 | 8.6 | 15.4 | 15.4 | 15.4 | 15.4 | 17.2 | 15.4 | 16.0 | 1 |
| 20.6 | 17.2 | 17.2 | 8.6 | 13.8 | 18.9 | 20.6 | 20.6 | 17.2 | 20.6 | 17.2 | 17.6 | 1 |
| 29.2 | 18.9 | 17.2 | 3.4 | 10.3 | 25.8 | 20.6 | 22.3 | 22.3 | 24.0 | 17.2 | 20.5 | 2 |
| - | - | - | - | 1.7 | 10.3 | 18.9 | 25.8 | 20.6 | 20.6 | 20.6 | 19.2 | 1 |
| 30.9 | 13.8 | 17.2 | 3.4 | 6.9 | 10.3 | 27.4 | 24.0 | 41.2 | 29.2 | 25.8 | 22.0 | 2 |
| 44.7 | 54.8 | 32.7 | 34.7 | 37.8 | 30.9 | 27.4 | 36.0 | 48.1 | - | - | 28.9 | 2 |
| 32.7 | 25.8 | 10.3 | 13.8 | 18.9 | 18.9 | 17.2 | 27.4 | 17.2 | 18.9 | 20.6 | 21.6 | 1 |
| - | - | - | - | - | - 6.8 | - 5.4 | - 2.7 | - 1.4 | - 2.7 | 8.6 | 7.2 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | |
| - | 13.8 | - 9.5 | - 9.5 | - 9.5 | - 5.4 | - 5.4 | - 5.4 | - | -14.9 | - 8.1 | - 6.8 | 2 |
| -12.2 | -19.0 | - 6.8 | -14.9 | -12.2 | - 8.1 | - 8.1 | -12.2 | -10.8 | -13.6 | -12.2 | -10.7 | 2 |
| - 8.1 | -16.3 | -16.3 | -13.6 | -16.3 | -16.3 | -12.2 | - 9.5 | -10.8 | -10.8 | - 8.1 | - 9.7 | 1 |
| - | -10.8 | -13.6 | -10.8 | - 2.7 | - 2.7 | - 5.4 | - 9.5 | - 4.1 | 1.7 | - 5.4 | - 5.9 | 1 |
| - | - | - | - | - | 3.4 | - 1.4 | - 5.4 | - 6.8 | - 1.4 | -12.2 | - 1.8 | 1 |
| - | - | - | - | - | - 1.4 | 3.4 | - 1.4 | - 8.1 | - 1.4 | - 4.1 | - 4.4 | 1 |
| 1.7 | - 2.7 | -12.2 | -10.8 | - 2.7 | - 9.3 | - 8.1 | - 4.1 | - 2.7 | - 4.1 | - 5.4 | - 3.5 | 1 |
| - 2.7 | - 2.7 | - 9.5 | - 8.1 | - 6.8 | - 1.4 | - 1.4 | - 1.4 | - 2.7 | - 1.4 | - 1.4 | - 1.7 | 0 |
| 5.2 | - 1.4 | - 2.7 | - 6.8 | - 4.1 | 1.7 | - 1.4 | - 1.4 | 1.7 | 1.7 | - 1.4 | - 0.1 | 0 |
| 13.8 | 6.9 | 3.4 | - 4.1 | 3.4 | 5.2 | 3.4 | - 1.4 | 3.4 | 5.2 | 1.7 | 3.0 | 1 |
| 8.6 | 3.4 | 1.7 | - 1.4 | - 1.4 | 1.7 | 1.7 | 1.7 | 3.4 | 3.4 | 1.7 | 2.3 | 0 |
| 10.3 | 13.8 | - 1.4 | - 2.7 | - 6.8 | 1.7 | 1.7 | 6.9 | 3.4 | 6.9 | 1.7 | 3.8 | 1 |
| 15.4 | 12.0 | 10.3 | 3.4 | 1.7 | 6.9 | 3.4 | 1.7 | 8.6 | 8.6 | 8.6 | 8.9 | 1 |
| 13.4 | 9.8 | 4.9 | 1.5 | 3.6 | 6.9 | 7.0 | 7.5 | 8.6 | 7.5 | 6.5 | 8.2 | |
| 5.2 | 1.6 | - 3.3 | - 6.7 | - 4.6 | - 1.3 | - 1.2 | - 0.7 | 0.4 | - 0.7 | - 1.7 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -16.0 | -12.0 | -13.3 | -13.3 | 6.3 | 7.8 | - 6.7 | - 9.3 | -10.6 | - 8.0 | - 4.0 | -10.1 | 2 |
| 14.1 | 9.4 | 6.3 | - 2.7 | 6.3 | 9.4 | 3.1 | 12.6 | 3.1 | 6.3 | 7.8 | 6.1 | 1 |
| 9.4 | - 1.3 | - 9.4 | -14.1 | - 9.3 | 3.1 | 1.6 | 4.7 | - 1.3 | - 4.0 | - 4.0 | 2.3 | 1 |
| - 1.4 | 12.6 | 48.1 | 43.8 | 40.8 | 17.3 | 1.6 | - 1.3 | - 2.7 | - 2.7 | - 1.3 | 13.3 | 2 |
| -13.3 | -13.3 | -13.3 | -10.3 | -12.0 | -25.3 | -22.6 | -14.6 | -12.0 | -14.6 | -14.6 | -11.4 | 1 |
| -14.6 | -14.6 | -16.0 | -21.3 | -26.6 | -25.3 | -25.3 | -13.3 | -13.3 | -12.0 | -17.3 | -16.7 | 0 |
| -17.3 | -12.0 | -14.6 | -13.3 | -16.0 | -26.6 | -24.0 | -13.3 | -12.0 | -12.0 | -12.0 | -16.9 | 2 |
| -27.9 | -24.0 | -21.3 | -20.0 | -24.0 | -27.9 | -26.6 | -24.0 | -29.3 | -26.6 | -25.3 | -21.1 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | -20.9 | 0 |
| - | - | -17.3 | -18.6 | -20.0 | -20.0 | -21.3 | -18.6 | -24.0 | -18.6 | -17.3 | -19.5 | 2 |
| - 1.3 | -12.0 | - 6.7 | - 8.0 | - 6.7 | - 6.7 | - 6.7 | - 1.3 | - 4.0 | - 4.0 | - 4.0 | - 9.4 | 1 |
| -12.0 | - 8.0 | - 8.0 | -17.3 | -20.0 | -18.6 | -17.3 | - 6.7 | - 9.3 | -10.6 | - 6.7 | -13.6 | 1 |
| -14.6 | -13.3 | -12.0 | -12.0 | -12.0 | -21.3 | -17.3 | -12.0 | -12.0 | -10.6 | - 8.0 | - 8.9 | 1 |
| -12.0 | - 6.7 | - 6.7 | - 8.0 | - 9.3 | - 8.0 | - | - | - | - | - | -14.4 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | |
| - | -25.3 | -20.0 | -22.6 | -24.0 | -25.3 | -25.3 | -22.6 | - | -13.3 | -12.0 | -17.4 | 0 |
| -12.0 | - 9.3 | -17.3 | -13.3 | -20.0 | -22.6 | -22.6 | -10.6 | -12.0 | -12.0 | - 8.0 | -12.8 | 1 |
| -16.0 | - 9.3 | -18.6 | -22.6 | -21.3 | -17.3 | -18.6 | -16.0 | -14.6 | -13.3 | -12.0 | -14.9 | 1 |
| -13.3 | - 8.0 | - 9.3 | -12.0 | -12.0 | -14.6 | -14.6 | - 8.0 | -13.3 | -12.0 | - 9.3 | -13.4 | 1 |
| - | - | - | - | - | -20.0 | -14.6 | -14.6 | -12.0 | -12.0 | - 9.3 | -13.5 | 1 |
| - | - | - | - | - | -25.3 | -27.9 | -17.3 | -14.6 | -13.3 | -13.3 | -17.6 | 1 |
| -16.0 | -13.3 | -13.3 | -20.0 | -20.0 | -12.0 | -13.3 | - 9.3 | -12.0 | -12.0 | -10.6 | -14.3 | 1 |
| -10.6 | -10.6 | -16.0 | - 9.3 | -12.0 | -12.0 | -13.3 | - 9.3 | -12.0 | - 8.0 | - 6.7 | -10.6 | 0 |
| - 9.3 | -10.6 | -14.6 | -18.6 | -17.3 | - 9.3 | -10.6 | - 9.3 | - 8.0 | - 8.0 | - 4.0 | -11.1 | 1 |
| -16.0 | -13.3 | -17.3 | -20.0 | -21.3 | -13.3 | -13.3 | -12.0 | -14.6 | -10.6 | - 5.3 | -13.5 | 1 |
| -12.0 | -10.6 | -14.6 | -24.0 | -18.6 | -18.6 | -12.0 | - 9.3 | -12.0 | - 9.3 | -10.6 | -13.6 | 1 |
| -13.3 | -14.6 | -12.0 | -13.3 | -17.3 | -21.3 | -14.6 | -10.6 | -13.3 | -10.6 | - 9.3 | -13.6 | 0 |
| -13.3 | - 9.3 | -10.6 | -10.6 | -13.3 | -17.3 | -10.6 | - 9.3 | - 9.3 | - 9.3 | - 8.0 | -12.2 | 1 |
| -10.8 | -10.0 | -10.3 | -12.6 | -12.5 | -14.3 | -14.9 | -10.2 | -11.5 | -10.4 | - 9.0 | -11.2 | |
| 0.4 | 1.2 | 0.9 | - 1.4 | - 1.3 | - 3.1 | - 3.7 | 1.0 | - 0.3 | 0.8 | 2.2 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55.9 | 55.1 | 54.9 | 54.7 | 54.7 | 56.6 | 57.5 | 57.4 | 57.1 | 57.4 | 57.5 | 57.3 | 57.0 | 56.9 | 56.9 |
| 2 | 56.2 | 56.0 | 55.5 | 55.1 | 55.6 | 56.0 | 56.8 | 57.9 | 58.0 | 58.9 | 58.3 | 58.1 | 58.1 | 57.4 | 56.7 |
| 3 | 57.3 | 57.3 | 57.2 | 58.3 | 58.4 | 59.1 | 59.2 | 59.2 | 59.3 | 60.1 | 60.1 | 60.1 | 60.0 | 60.0 | 59.9 |
| 4 | 61.8 | 61.9 | 62.0 | 61.8 | 62.6 | 62.8 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.6 | 63.5 | 62.8 | 62.7 |
| 5 | 61.6 | 60.8 | 60.5 | 60.5 | 60.6 | 60.6 | 60.5 | 60.4 | 60.3 | 59.3 | 59.2 | 59.2 | 58.8 | 57.0 | 57.0 |
| 6 | 54.7 | 54.4 | 54.3 | 54.1 | 54.1 | 54.6 | 55.1 | 55.2 | 55.1 | 54.9 | 54.7 | 54.1 | 53.6 | 53.2 | 52.6 |
| 7 | 54.2 | 54.1 | 54.1 | 54.0 | 54.0 | 54.0 | 53.9 | 53.9 | 53.9 | 53.5 | 52.7 | 52.7 | 51.8 | 51.6 | 50.8 |
| 8 | 54.4 | 54.4 | 54.9 | 55.0 | 55.0 | 55.3 | 55.6 | 55.8 | 56.4 | 55.4 | 55.2 | 54.0 | 53.7 | 52.6 | 52.0 |
| 9 | 49.3 | 49.1 | 48.8 | 48.4 | 48.9 | 49.0 | 49.0 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.8 | 50.9 |
| 10 | 58.7 | 59.0 | 59.0 | 59.9 | 60.0 | 60.1 | 61.0 | 61.1 | 61.0 | 61.4 | 60.9 | 60.8 | 60.5 | 59.8 | 59.7 |
| 11 | 58.9 | 58.1 | 58.0 | 58.0 | 58.0 | 58.2 | 59.0 | 59.2 | 59.1 | 58.8 | 58.6 | 56.6 | 55.4 | 54.3 | 55.4 |
| 12 | 57.6 | 56.1 | 56.4 | 56.4 | 56.7 | 56.7 | 58.6 | 59.2 | 59.5 | 59.5 | 59.5 | 59.2 | 59.1 | 59.0 | 58.6 |
| 13 | 58.0 | 57.3 | 57.1 | 57.0 | 56.1 | 56.8 | 57.2 | 57.2 | 58.0 | 57.1 | 56.9 | 55.8 | 54.5 | 53.6 | 53.7 |
| 14 | 52.9 | 53.2 | 50.2 | 51.1 | 52.0 | 52.1 | 53.1 | 51.8 | 52.9 | 54.2 | 53.3 | 54.3 | 54.5 | 54.6 | 54.5 |
| 15 | 55.3 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.7 | 55.8 | 56.4 | 55.7 | 55.5 | 55.3 | 55.2 | 54.6 | 54.1 |
| 16 | 53.5 | 53.4 | 53.7 | 53.4 | 53.4 | 53.5 | 54.5 | 54.6 | 54.5 | 55.0 | 55.1 | 55.0 | 54.9 | 54.8 | 54.8 |
| 17 | 60.1 | 60.2 | 60.1 | 60.1 | 60.6 | 61.1 | 62.0 | 62.2 | 62.7 | 62.8 | 62.5 | 62.2 | 61.4 | 61.0 | 60.3 |
| 18 | 59.8 | 59.5 | 58.7 | 58.6 | 58.6 | 58.5 | 58.4 | 58.4 | 58.3 | 57.6 | 57.4 | 56.3 | 55.5 | 54.7 | 54.3 |
| 19 | 52.9 | 52.7 | 52.9 | 53.0 | 53.0 | 53.1 | 53.2 | 53.2 | 52.8 | 52.6 | 52.4 | 51.6 | 50.8 | 50.2 | 49.9 |
| 20 | 50.5 | 50.5 | 50.6 | 53.6 | 53.6 | 55.3 | 57.5 | 55.9 | 58.5 | 59.2 | 58.7 | 58.4 | 58.1 | 57.2 | 57.2 |
| 21 | 62.1 | 62.2 | 62.2 | 62.2 | 62.5 | 63.2 | 63.7 | 64.2 | 64.6 | 64.7 | 63.9 | 63.6 | 63.4 | 63.0 | 62.4 |
| 22 | 61.0 | 60.9 | 60.8 | 60.6 | 60.2 | 59.8 | 59.6 | 59.6 | 59.5 | 58.6 | 58.4 | 57.3 | 56.3 | 55.2 | 54.4 |
| 23 | 56.5 | 56.7 | 56.5 | 56.3 | 55.8 | 56.3 | 56.6 | 56.8 | 57.4 | 57.4 | 57.3 | 57.1 | 57.0 | 56.8 | 55.9 |
| 24 | 57.6 | 57.2 | 57.3 | 56.4 | 57.4 | 57.5 | 58.5 | 58.6 | 59.3 | 59.4 | 59.3 | 59.2 | 59.3 | 59.1 | 59.1 |
| 25 | 60.9 | 61.2 | 61.4 | 61.7 | 62.0 | 62.7 | 62.7 | 63.6 | 63.4 | 63.2 | 62.8 | 62.4 | 61.5 | 61.0 | 60.4 |
| 26 | 61.7 | 61.7 | 60.6 | 60.6 | 60.5 | 60.6 | 60.6 | 60.6 | 59.8 | 59.7 | 59.4 | 58.4 | 58.3 | 57.2 | 56.3 |
| 27 | 55.7 | 55.0 | 55.8 | 55.7 | 55.7 | 55.7 | 55.7 | 56.4 | 56.6 | 56.1 | 55.6 | 55.7 | 55.5 | 54.8 | 54.7 |
| 28 | 56.7 | 56.8 | 56.9 | 57.3 | 57.5 | 57.9 | 58.6 | 59.0 | 59.5 | 59.5 | 59.3 | 59.1 | 58.9 | 58.7 | 58.2 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom | 57.0 | 56.8 | 56.6 | 56.8 | 56.9 | 57.2 | 57.8 | 57.9 | 58.1 | 58.1 | 57.8 | 57.4 | 57.0 | 56.5 | 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 | 21.2 | 20.8 | 21.0 | 20.3 | 19.8 | 19.3 | 19.5 | 21.1 | 22.2 | 25.0 | 24.7 | 25.1 | 26.1 | 26.1 | 25.9 |
| 2 | 18.2 | 18.1 | 18.1 | 17.2 | 17.2 | 18.4 | 19.4 | 20.0 | 20.1 | 20.2 | 20.0 | 19.9 | 20.7 | 20.4 | 20.0 |
| 3 | 18.1 | 18.0 | 18.1 | 18.1 | 18.2 | 18.2 | 18.2 | 18.7 | 19.0 | 19.7 | 19.9 | 20.5 | 22.6 | 24.7 | 25.6 |
| 4 | 19.2 | 18.6 | 17.5 | 16.5 | 15.6 | 15.7 | 16.7 | 18.8 | 20.7 | 22.2 | 23.5 | 23.9 | 24.9 | 25.0 | 24.9 |
| 5 | 17.7 | 16.9 | 16.8 | 16.7 | 16.7 | 15.7 | 17.3 | 19.7 | 20.7 | 20.8 | 22.5 | 21.6 | 21.5 | 20.5 | 20.5 |
| 6 | 14.4 | 13.9 | 13.9 | 14.0 | 14.1 | 15.1 | 17.2 | 18.4 | 22.1 | 24.3 | 25.9 | 27.9 | 28.8 | 29.3 | 29.8 |
| 7 | 20.4 | 19.9 | 19.5 | 20.0 | 18.6 | 18.1 | 19.0 | 21.1 | 23.0 | 24.9 | 26.9 | 27.9 | 28.8 | 29.9 | 30.7 |
| 8 | 15.2 | 13.9 | 12.3 | 11.7 | 10.1 | 9.7 | 14.6 | 18.7 | 21.6 | 23.1 | 24.2 | 25.5 | 26.8 | 27.9 | 28.3 |
| 9 | 18.5 | 18.4 | 18.0 | 17.9 | 17.6 | 17.9 | 19.8 | 23.3 | 27.1 | 30.0 | 30.9 | 31.2 | 30.6 | 29.5 | 29.6 |
| 10 | 16.8 | 15.8 | 19.5 | 13.1 | 11.6 | 11.1 | 13.6 | 16.6 | 17.7 | 19.1 | 20.8 | 21.7 | 23.0 | 23.7 | 24.5 |
| 11 | 16.9 | 16.8 | 16.4 | 16.4 | 16.0 | 15.9 | 16.2 | 16.9 | 16.2 | 16.1 | 16.1 | 16.2 | 16.5 | 17.5 | 17.8 |
| 12 | 18.1 | 18.2 | 18.6 | 18.8 | 18.7 | 18.6 | 18.4 | 18.9 | 19.9 | 22.6 | 24.7 | 24.8 | 25.8 | 26.3 | 25.7 |
| 13 | 20.9 | 20.8 | 20.8 | 20.6 | 20.5 | 19.7 | 19.5 | 19.5 | 19.5 | 19.7 | 19.0 | 19.2 | 20.4 | 21.7 | 21.7 |
| 14 | 17.8 | 18.0 | 18.1 | 18.9 | 19.1 | 19.7 | 19.8 | 19.9 | 19.9 | 20.2 | 20.6 | 22.0 | 22.1 | 22.0 | 22.1 |
| 15 | 19.1 | 19.1 | 19.0 | 18.2 | 18.1 | 18.1 | 18.1 | 18.7 | 19.1 | 21.0 | 22.4 | 23.7 | 24.8 | 24.5 | 24.4 |
| 16 | 20.2 | 20.2 | 20.1 | 20.2 | 20.3 | 20.0 | 20.6 | 21.7 | 24.6 | 25.9 | 26.8 | 27.7 | 27.8 | 27.9 | 28.1 |
| 17 | 15.2 | 14.3 | 12.9 | 12.2 | 10.9 | 10.1 | 11.7 | 15.5 | 17.8 | 18.9 | 20.1 | 21.2 | 22.4 | 23.3 | 23.8 |
| 18 | 12.6 | 12.4 | 11.3 | 11.4 | 12.4 | 12.4 | 14.7 | 17.9 | 20.5 | 22.5 | 23.4 | 24.2 | 24.4 | 24.9 | 24.9 |
| 19 | 17.2 | 17.4 | 16.8 | 15.9 | 15.8 | 15.0 | 18.0 | 20.9 | 23.9 | 25.8 | 26.8 | 27.6 | 28.4 | 29.3 | 29.4 |
| 20 | 22.1 | 22.0 | 22.0 | 19.6 | 16.2 | 16.1 | 15.3 | 14.7 | 16.5 | 16.5 | 17.0 | 17.8 | 19.8 | 20.9 | 21.4 |
| 21 | 11.4 | 11.5 | 11.5 | 10.6 | 9.7 | 9.0 | 11.3 | 16.9 | 20.0 | 22.1 | 23.3 | 24.3 | 25.0 | 25.3 | 25.6 |
| 22 | 12.9 | 12.9 | 12.6 | 13.0 | 12.3 | 13.2 | 16.4 | 19.7 | 22.6 | 25.3 | 26.8 | 27.8 | 28.9 | 29.3 | 29.7 |
| 23 | 17.9 | 16.8 | 15.8 | 14.9 | 14.4 | 13.7 | 14.8 | 17.7 | 18.8 | 20.0 | 21.0 | 21.8 | 22.5 | 22.7 | 22.9 |
| 24 | 13.6 | 13.5 | 13.1 | 14.2 | 13.7 | 12.5 | 13.6 | 17.9 | 18.7 | 19.1 | 19.6 | 19.9 | 20.7 | 20.3 | 20.2 |
| 25 | 14.0 | 14.9 | 15.3 | 14.8 | 13.8 | 13.5 | 14.8 | 17.8 | 18.9 | 21.1 | 21.4 | 21.7 | 22.5 | 22.6 | 23.0 |
| 26 | 16.8 | 15.9 | 14.8 | 13.8 | 12.9 | 12.7 | 12.8 | 15.8 | 17.9 | 20.6 | 21.8 | 23.3 | 24.6 | 24.9 | 25.1 |
| 27 | 18.0 | 17.9 | 17.3 | 16.8 | 15.8 | 15.6 | 16.8 | 19.8 | 21.0 | 23.9 | 25.0 | 25.3 | 27.0 | 27.2 | 28.0 |
| 28 | 15.4 | 15.2 | 14.4 | 14.0 | 13.4 | 13.0 | 15.2 | 20.6 | 23.6 | 26.3 | 28.1 | 27.6 | 27.6 | 27.7 | 27.6 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom | 17.1 | 16.8 | 16.4 | 16.0 | 15.5 | 15.3 | 16.5 | 18.8 | 20.5 | 22.0 | 22.9 | 23.6 | 24.4 | 24.8 | 25.0 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56.0 | 56.0 | 56.1 | 56.1 | 56.3 | 56.7 | 57.2 | 57.1 | 57.0 | 57.5 | 7,11 | 54.7 | 4,5 | 2.8 | 756.5 mm. | 1008.5 mb. |
| 56.4 | 56.0 | 56.3 | 56.4 | 56.4 | 56.4 | 57.2 | 57.3 | 57.3 | 58.9 | 10 | 55.1 | 4 | 3.8 | 56.8 | 1009.0 |
| 59.7 | 59.5 | 59.5 | 59.6 | 60.1 | 60.6 | 61.0 | 61.3 | 61.9 | 61.9 | 24 | 57.1 | 2-3 | 4.8 | 59.5 | 1012.6 |
| 62.6 | 62.1 | 62.1 | 62.2 | 62.0 | 61.9 | 62.0 | 62.4 | 61.7 | 63.7 | varios | 61.7 | 24 | 2.0 | 62.6 | 1016.8 |
| 56.4 | 55.6 | 55.5 | 55.0 | 55.1 | 54.9 | 54.9 | 54.9 | 55.0 | 61.7 | 0 | 54.9 | varios | 6.8 | 58.1 | 1010.8 |
| 52.6 | 52.6 | 52.2 | 54.2 | 53.4 | 54.3 | 54.2 | 54.4 | 54.4 | 55.2 | 8 | 52.2 | 18 | 3.0 | 54.0 | 1005.3 |
| 50.6 | 50.0 | 50.1 | 50.1 | 50,8 | 52.1 | 53.1 | 54.2 | 54.4 | 54.4 | 0,24 | 50.1 | 18,19 | 4.3 | 52.7 | 1003.6 |
| 50.9 | 50.8 | 50.2 | 50.3 | 50.4 | 50.4 | 50.2 | 50.2 | 50.1 | 56.4 | 9 | 50.1 | 24 | 6.3 | 53.0 | 1004.0 |
| 51.4 | 51.4 | 52.8 | 53.8 | 54.8 | 55.8 | 56.8 | 57.6 | 57.6 | 57.9 | 24 | 48.4 | 4 | 9.5 | 51.5 | 1002.0 |
| 59.7 | 59.7 | 59.9 | 59.0 | 58.6 | 58.0 | 58.9 | 59.0 | 59.0 | 61.4 | 10 | 57.9 | 0 | 3.5 | 59.7 | 1012.9 |
| 54.5 | 54.6 | 53.7 | 54.2 | 54.8 | 53.8 | 54.0 | 56.0 | 57.2 | 59.2 | 8 | 53.2 | 21-22 | 6.0 | 56.6 | 1008.8 |
| 58.0 | 58.0 | 57.9 | 57.9 | 58.8 | 58.8 | 58.8 | 58.9 | 58.8 | 59.5 | varios | 54.8 | 2-3 | 4.7 | 58.3 | 1011.0 |
| 52.8 | 51.9 | 51.0 | 51.8 | 51.2 | 51.2 | 50.3 | 50.1 | 52.2 | 58.8 | 0 | 49.7 | 23-24 | 9.1 | 54.5 | 1006.0 |
| 54.5 | 55.2 | 55.3 | 55.1 | 55.3 | 55.8 | 56.3 | 55.4 | 55.3 | 56.3 | 22 | 50.2 | 3-4 | 6.1 | 53.9 | 1005.2 |
| 53.7 | 53.1 | 53.1 | 53.3 | 54.0 | 54.1 | 54.2 | 54.2 | 54.1 | 56.4 | 9 | 53.1 | 17,18 | 3.3 | 54.8 | 1006.4 |
| 55.0 | 55.1 | 55.7 | 56.1 | 57.2 | 58.2 | 59.1 | 59.2 | 59.3 | 59.3 | 24 | 53.4 | varios | 5.9 | 55.4 | 1007.2 |
| 60.4 | 59.7 | 59.7 | 59.9 | 60.0 | 60.2 | 60.7 | 60.0 | 59.8 | 62.8 | 10 | 59.3 | 0 | 3.5 | 60.8 | 1014.4 |
| 53.5 | 53.6 | 52.8 | 52.9 | 53.0 | 53.8 | 53.8 | 53.3 | 53.0 | 59.8 | 0,1 | 52.8 | 18 | 7.0 | 56.0 | 1008.0 |
| 49.9 | 49.4 | 49.7 | 50.8 | 51.1 | 51.1 | 51.1 | 51.3 | 51.5 | 53.2 | 7,8 | 49.4 | 17 | 3.8 | 51.7 | 1002.2 |
| 57.3 | 58.1 | 58.3 | 59.3 | 60.2 | 61.1 | 61.2 | 61.3 | 61.5 | 61.5 | 24 | 50.5 | 1,2 | 11.0 | 57.2 | 1009.6 |
| 62.3 | 61.8 | 61.9 | 62.1 | 62.2 | 62.6 | 62.1 | 62.0 | 61.9 | 64.7 | 10 | 61.5 | 0 | 3.2 | 62.8 | 1017.0 |
| 53.6 | 52.8 | 52.9 | 53.1 | 52.4 | 52.9 | 55.3 | 56.3 | 56.5 | 61.9 | 0 | 52.4 | 20 | 9.5 | 57.0 | 1009.3 |
| 55.9 | 55.1 | 55.3 | 55.9 | 56.0 | 56.9 | 57.1 | 57.6 | 57.9 | 57.9 | 24 | 55.1 | 17 | 2.8 | 56.6 | 1008.8 |
| 59.1 | 59.9 | 60.0 | 59.6 | 59.9 | 60.0 | 60.8 | 60.8 | 60.9 | 60.9 | 24 | 56.4 | 4 | 4.5 | 59.0 | 1012.0 |
| 60.6 | 60.8 | 61.1 | 61.4 | 61.8 | 62.4 | 61.8 | 61.8 | 61.7 | 63.6 | 8 | 60.9 | 0,1 | 2.7 | 61.8 | 1015.7 |
| 56.3 | 55.7 | 55.7 | 55.9 | 56.0 | 56.0 | 55.9 | 55.9 | 55.9 | 61.7 | varios | 55.6 | 18-19 | 6.1 | 58.3 | 1011.0 |
| 54.6 | 54.7 | 54.8 | 54.8 | 55.4 | 55.9 | 55.9 | 56.0 | 56.2 | 56.6 | 9 | 54.6 | 16 | 2.0 | 55.5 | 1007.3 |
| 58.1 | 58.1 | 58.2 | 58.4 | 58.6 | 59.3 | 59.2 | 58.9 | 58.8 | 59.5 | 9,10 | 56.2 | 0 | 3.3 | 58.4 | 1011.2 |
| 55.9 | 55.8 | 55.7 | 56.0 | 56.3 | 56.6 | 56.9 | 57.0 | 57.2 | 59.4 | | 54.4 | | 5.0 | 56.0 | 1009.2 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.8 | 24.9 | 24.7 | 23.7 | 21,5 | 20.4 | 19.5 | 19.3 | 18.8 | 26.1 | 13,14 | 18.8 | 24 | 7.3 | 22.4 |
| 20.2 | 20.4 | 20.3 | 20.5 | 20.0 | 19.9 | 18.9 | 18.9 | 18.8 | 20.7 | 13 | 17.1 | 4-5 | 3.6 | 19.4 |
| 26.1 | 26.2 | 25.1 | 24.1 | 22,5 | 21.7 | 20.9 | 20.4 | 19.7 | 26.2 | 17 | 18.0 | 2 | 8.2 | 21.0 |
| 23.9 | 23.0 | 21.9 | 20.7 | 19,4 | 18.9 | 18.8 | 18.7 | 18.0 | 25.0 | 14 | 15.6 | 5 | 9.4 | 20.3 |
| 19.7 | 19.7 | 20.5 | 19.6 | 17.5 | 16.6 | 15.6 | 15.4 | 14.7 | 22.5 | 11 | 14.7 | 24 | 7.8 | 18.5 |
| 29.8 | 29.6 | 27.9 | 25.9 | 23.5 | 21.7 | 21.0 | 21.0 | 20.9 | 29.8 | 15,16 | 13.9 | 2,3 | 15.9 | 22.1 |
| 31.1 | 31.0 | 30.2 | 27.2 | 23,9 | 23.5 | 21.5 | 18.5 | 16.9 | 31.1 | 16 | 16.9 | 24 | 14.2 | 23.8 |
| 28.5 | 27.7 | 26.6 | 24.1 | 21,5 | 20.0 | 19.5 | 18.9 | 18.7 | 28.5 | 16 | 9.7 | 6 | 18.8 | 20.4 |
| 27.9 | 26.0 | 24.8 | 22.9 | 21,1 | 20.1 | 18.9 | 18.1 | 17.6 | 31.3 | 12-13 | 17.6 | 5,24 | 13.7 | 23.2 |
| 23.5 | 22.3 | 20.7 | 19.5 | 18.7 | 18.8 | 18.6 | 18.3 | 17.7 | 24.5 | 15 | 11.1 | 6 | 13.4 | 18.4 |
| 17.8 | 18.2 | 18.7 | 19.2 | 19,1 | 19.0 | 19.0 | 18.1 | 18.1 | 19.2 | 17 | 15.9 | 6 | 3.3 | 17.3 |
| 26.3 | 25.9 | 24.8 | 23.1 | 22,9 | 22.0 | 21.4 | 21.0 | 21.0 | 26.3 | 14,16 | 18.1 | 0,1 | 8.2 | 21,9 |
| 21.6 | 21.6 | 21.8 | 21.4 | 20,3 | 20.3 | 21.0 | 21.2 | 18.2 | 21.8 | 18 | 18.2 | 24 | 3.6 | 20.4 |
| 21.2 | 21.1 | 20.6 | 20.1 | 20,1 | 20.1 | 19.9 | 19.2 | 19.2 | 22.1 | 13,15 | 17.8 | 1 | 4.3 | 20.1 |
| 24.3 | 24.8 | 24.0 | 22.5 | 21.8 | 21.6 | 21.0 | 21.0 | 20.8 | 24.8 | 13,17 | 18.1 | varios | 6.7 | 21.2 |
| 27.4 | 26.3 | 25.1 | 23.0 | 21,5 | 20.2 | 18.9 | 17.8 | 15.9 | 28.1 | 15 | 15.9 | 24 | 12.2 | 22,8 |
| 23.7 | 23.4 | 22.4 | 19.7 | 17,5 | 15.7 | 14.7 | 13.3 | 12.1 | 23.9 | 15-16 | 10.1 | 6 | 13.8 | 17.2 |
| 24.8 | 24.7 | 23.7 | 22.3 | 19,5 | 17.7 | 17.8 | 18.5 | 18.3 | 24.9 | 14,15 | 11.3 | 3 | 13.6 | 19.0 |
| 29.4 | 27.9 | 26.7 | 25.3 | 23.9 | 22.9 | 22.5 | 22.0 | 22.0 | 29.4 | 15,16 | 15.0 | 6 | 14.4 | 23.0 |
| 20.9 | 20.1 | 19.7 | 18.0 | 15.1 | 13.6 | 12.3 | 11.9 | 11.4 | 22.1 | 1 | 11.4 | 24 | 10.7 | 17.5 |
| 25,8 | 24.7 | 23.3 | 20.1 | 16,5 | 15,2 | 14.4 | 13.6 | 13.5 | 25.8 | 16 | 9.0 | 6 | 16.8 | 17.7 |
| 28.8 | 27.3 | 26.0 | 25.4 | 24,9 | 23.9 | 21.8 | 19.4 | 18.8 | 29.7 | 15 | 12.2 | 5-6 | 17.5 | 21.6 |
| 23.0 | 22.2 | 21.5 | 19.7 | 17,3 | 15.6 | 15.5 | 14.5 | 14.0 | 23.0 | 16 | 13.7 | 6 | 9.3 | 18.3 |
| 20.1 | 20.0 | 19.0 | 18.0 | 17,5 | 16.9 | 15.9 | 15.3 | 14.7 | 20.7 | 13 | 12.5 | 6 | 8.2 | 17.0 |
| 22.9 | 21.7 | 20.0 | 18.1 | 17.8 | 16.9 | 16.9 | 17.5 | 17.0 | 23.6 | 14-15 | 13.0 | 6-7 | 10.6 | 18.3 |
| 24.9 | 24.4 | 22.9 | 21.0 | 19.9 | 19.3 | 19.1 | 19.0 | 18.7 | 25.3 | 15-16 | 12.4 | 6-7 | 12.9 | 19.3 |
| 28.0 | 27.6 | 25.8 | 22.7 | 20,5 | 18.9 | 17.7 | 17.1 | 16.3 | 28.0 | 15,16 | 15.6 | 6 | 12.4 | 21.2 |
| 27.0 | 26.0 | 24.6 | 22.0 | 20.9 | 20.7 | 20.0 | 19.9 | 19.7 | 28.1 | 11 | 13.0 | 6 | 15.1 | 21.3 |
| 24.8 | 24.2 | 23.3 | 21.7 | 20.2 | 22.9 | 18.6 | 18.1 | 17.5 | 25.4 | | 14.5 | | 10.9 | 20.2 |

## HUMEDAD RELATIVA en %

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 94 | 93 | 94 | 92 | 92 | 95 | 94 | 86 | 80 | 72 | 70 | 68 | 63 | 62 | 67 |
| 2 | 96 | 97 | 97 | 98 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 95 | 94 | 98 | 98 |
| 3 | 97 | 97 | 97 | 97 | 97 | 96 | 96 | 96 | 95 | 95 | 93 | 89 | 82 | 71 | 66 |
| 4 | 91 | 95 | 98 | 99 | 98 | 98 | 89 | 81 | 73 | 70 | 61 | 58 | 56 | 55 | 56 |
| 5 | 81 | 81 | 76 | 76 | 81 | 86 | 75 | 68 | 60 | 56 | 47 | 57 | 55 | 62 | 60 |
| 6 | 94 | 95 | 93 | 93 | 91 | 88 | 75 | 78 | 64 | 56 | 54 | 49 | 44 | 40 | 39 |
| 7 | 87 | 88 | 90 | 93 | 93 | 93 | 83 | 70 | 60 | 62 | 54 | 55 | 57 | 52 | 51 |
| 8 | 66 | 71 | 77 | 82 | 87 | 90 | 74 | 67 | 67 | 60 | 52 | 50 | 46 | 43 | 40 |
| 9 | 80 | 84 | 87 | 91 | 91 | 92 | 83 | 69 | 58 | 55 | 51 | 50 | 47 | 49 | 49 |
| 10 | 78 | 84 | 86 | 91 | 95 | 92 | 76 | 60 | 48 | 46 | 44 | 41 | 36 | 35 | 34 |
| 11 | 79 | 83 | 83 | 83 | 82 | 79 | 76 | 78 | 88 | 94 | 94 | 97 | 98 | 94 | 94 |
| 12 | 96 | 96 | 93 | 93 | 92 | 92 | 92 | 92 | 87 | 73 | 68 | 64 | 60 | 60 | 63 |
| 13 | 88 | 88 | 89 | 89 | 90 | 99 | 100 | 98 | 95 | 95 | 94 | 88 | 79 | 75 | 79 |
| 14 | 96 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98 | 95 | 93 | 84 | 86 | 86 | 86 |
| 15 | 97 | 98 | 99 | 99 | 100 | 100 | 100 | 100 | 98 | 86 | 80 | 76 | 73 | 72 | 75 |
| 16 | 94 | 95 | 97 | 97 | 97 | 98 | 99 | 84 | 72 | 68 | 65 | 60 | 58 | 57 | 55 |
| 17 | 86 | 85 | 90 | 93 | 88 | 88 | 78 | 56 | 44 | 42 | 40 | 35 | 32 | 31 | 31 |
| 18 | 77 | 85 | 90 | 91 | 87 | 88 | 81 | 71 | 66 | 56 | 51 | 50 | 49 | 52 | 48 |
| 19 | 76 | 72 | 82 | 86 | 90 | 92 | 82 | 72 | 62 | 59 | 55 | 53 | 50 | 48 | 47 |
| 20 | 85 | 90 | 89 | 88 | 99 | 97 | 96 | 93 | 68 | 63 | 59 | 54 | 49 | 49 | 50 |
| 21 | 88 | 92 | 97 | 98 | 100 | 100 | 99 | 70 | 56 | 44 | 41 | 34 | 31 | 32 | 29 |
| 22 | 88 | 88 | 87 | 88 | 87 | 85 | 79 | 68 | 62 | 59 | 58 | 56 | 54 | 51 | 53 |
| 23 | 77 | 82 | 84 | 89 | 85 | 84 | 74 | 65 | 63 | 59 | 55 | 55 | 56 | 54 | 54 |
| 24 | 93 | 87 | 89 | 89 | 94 | 98 | 98 | 74 | 68 | 68 | 67 | 66 | 65 | 64 | 65 |
| 25 | 97 | 97 | 93 | 94 | 99 | 100 | 100 | 84 | 75 | 67 | 67 | 66 | 61 | 59 | 62 |
| 26 | 82 | 82 | 85 | 85 | 87 | 91 | 88 | 79 | 72 | 67 | 60 | 55 | 52 | 49 | 49 |
| 27 | 85 | 85 | 83 | 85 | 86 | 90 | 83 | 71 | 67 | 61 | 59 | 61 | 61 | 60 | 57 |
| 28 | 95 | 96 | 97 | 97 | 97 | 98 | 99 | 85 | 78 | 67 | 52 | 58 | 53 | 47 | 49 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 87 | 89 | 90 | 91 | 92 | 93 | 88 | 79 | 72 | 68 | 64 | 62 | 59 | 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 | 17.0 | 16.5 | 16.5 | 16.0 | 15.5 | 15.0 | 15.0 | 15.9 | 15.0 | 16.5 | 15.5 | 15.5 | 15.5 | 15.4 | 16.5 |
| 2 | 15.0 | 14.5 | 14.5 | 14.0 | 14.0 | 15.0 | 16.0 | 17.4 | 16.5 | 17.0 | 16.5 | 15.5 | 16.5 | 17.5 | 16.5 |
| 3 | 14.5 | 14.5 | 14.5 | 14.5 | 15.0 | 15.0 | 15.0 | 15.4 | 14.5 | 15.5 | 15.5 | 15.5 | 16.5 | 16.4 | 16.0 |
| 4 | 13.2 | 13.0 | 14.0 | 13.0 | 12.5 | 12.5 | 12.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.5 | 13.0 | 13.0 | 13.0 |
| 5 | 12.0 | 11.5 | 10.5 | 10.5 | 11.5 | 11.0 | 10.0 | 12.6 | 10.0 | 10.0 | 9.0 | 10.5 | 9.5 | 11.2 | 10.0 |
| 6 | 11.0 | 10.5 | 10.5 | 10.5 | 10.5 | 11.0 | 10.0 | 12.4 | 12.0 | 12.5 | 12.5 | 13.0 | 12.0 | 12.2 | 11.5 |
| 7 | 15.0 | 14.5 | 14.5 | 15.0 | 13.5 | 13.0 | 13.0 | 13.0 | 11.5 | 14.5 | 13.5 | 14.5 | 16.5 | 16.1 | 17.0 |
| 8 | 8.5 | 8.0 | 8.0 | 8.0 | 7.8 | 7.8 | 8.5 | 10.9 | 12.5 | 11.5 | 11.5 | 11.0 | 12.0 | 12.0 | 10.5 |
| 9 | 12.0 | 12.5 | 13.0 | 13.5 | 13.5 | 13.5 | 14.0 | 14.5 | 15.0 | 16.5 | 17.0 | 15.5 | 15.0 | 14.9 | 14.5 |
| 10 | 10.5 | 10.5 | 10.5 | 10.0 | 9.0 | 8.5 | 8.5 | 8.4 | 7.0 | 7.8 | 7.8 | 8.0 | 7.8 | 7.5 | 7.4 |
| 11 | 10.5 | 11.5 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 11.1 | 11.5 | 12.0 | 12.0 | 13.0 | 13.0 | 14.0 | 13.5 |
| 12 | 14.5 | 15.0 | 14.5 | 14.5 | 14.5 | 14.5 | 14.0 | 15.0 | 14.5 | 14.5 | 15.5 | 14.0 | 14.0 | 15.4 | 15.0 |
| 13 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 16.5 | 16.0 | 16.5 | 15.0 | 15.5 | 14.5 | 14.0 | 13.5 | 14.5 | 14.5 |
| 14 | 14.5 | 14.5 | 14.5 | 15.5 | 15.5 | 16.5 | 16.5 | 17.2 | 16.5 | 16.0 | 16.5 | 16.0 | 17.0 | 16.8 | 17.0 |
| 15 | 15.5 | 15.5 | 15.5 | 15.0 | 14.5 | 14.5 | 14.5 | 16.1 | 15.5 | 16.0 | 15.0 | 16.5 | 16.5 | 16.5 | 16.0 |
| 16 | 16.0 | 16.0 | 16.5 | 17.0 | 17.0 | 17.5 | 17.0 | 16.1 | 16.5 | 16.5 | 16.0 | 15.5 | 15.5 | 16.0 | 14.5 |
| 17 | 11.0 | 9.5 | 9.5 | 9.5 | 8.0 | 7.8 | 7.8 | 7.5 | 6.4 | 6.8 | 6.4 | 6.0 | 6.4 | 6.7 | 7.0 |
| 18 | 8.0 | 8.5 | 8.5 | 9.0 | 9.0 | 9.0 | 10.0 | 10.8 | 11.5 | 11.5 | 11.0 | 10.5 | 10.5 | 12.3 | 11.0 |
| 19 | 11.0 | 10.5 | 10.5 | 11.5 | 11.5 | 11.5 | 12.5 | 12.5 | 13.5 | 14.0 | 13.5 | 14.0 | 13.5 | 14.3 | 14.0 |
| 20 | 16.0 | 17.0 | 17.0 | 14.5 | 13.0 | 13.0 | 12.0 | 11.6 | 9.0 | 8.5 | 8.0 | 7.8 | 8.0 | 9.0 | 8.5 |
| 21 | 8.5 | 9.0 | 9.5 | 9.0 | 8.5 | 8.0 | 9.5 | 10.0 | 9.5 | 8.0 | 8.5 | 7.2 | 7.6 | 7.7 | 6.6 |
| 22 | 9.5 | 9.5 | 9.0 | 9.5 | 9.0 | 9.0 | 10.5 | 11.7 | 12.5 | 13.5 | 14.5 | 15.5 | 15.0 | 15.3 | 16.0 |
| 23 | 11.5 | 11.5 | 10.5 | 10.5 | 9.5 | 9.0 | 8.5 | 9.8 | 9.5 | 9.5 | 9.5 | 10.0 | 11.5 | 11.1 | 10.5 |
| 24 | 10.5 | 9.5 | 9.5 | 10.0 | 10.5 | 10.0 | 11.0 | 11.3 | 10.5 | 10.5 | 11.0 | 11.5 | 11.0 | 11.4 | 10.5 |
| 25 | 11.0 | 12.0 | 11.5 | 11.0 | 11.0 | 11.0 | 12.0 | 12.7 | 11.5 | 12.0 | 12.5 | 12.5 | 12.5 | 11.9 | 12.5 |
| 26 | 11.5 | 10.5 | 10.0 | 9.5 | 9.5 | 9.5 | 9.0 | 10.5 | 10.5 | 12.0 | 11.0 | 11.0 | 11.5 | 11.6 | 11.0 |
| 27 | 12.5 | 12.0 | 11.5 | 11.5 | 11.5 | 11.0 | 11.5 | 12.1 | 12.0 | 13.5 | 13.0 | 14.5 | 16.0 | 16.1 | 16.0 |
| 28 | 11.5 | 12.0 | 11.5 | 11.0 | 10.5 | 10.5 | 12.0 | 15.4 | 16.5 | 17.0 | 14.5 | 15.5 | 14.0 | 13.2 | 12.5 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 12.4 | 12.3 | 12.2 | 12.1 | 11.9 | 11.8 | 12.0 | 12.9 | 12.5 | 12.9 | 12.7 | 12.7 | 12.9 | 13.2 | 12.8 |

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

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.0 | 15.5 | 15.5 | 14.5 | 16,3 | 16,0 | 15.0 | 15.0 | 14.5 | 17,0 | 1 | 14.5 | 19,24 | 2.5 | 15.6 |
| 16.0 | 16.0 | 16.0 | 16.0 | 16,7 | 16.5 | 15.5 | 15.5 | 15.5 | 17,5 | 14 | 14.0 | 4,5 | 3,5 | 15.8 |
| 15.5 | 15,5 | 15.5 | 17.0 | 17,8 | 15,5 | 15.0 | 15.0 | 13.5 | 17,8 | 20 | 13.5 | 24 | 4.3 | 15.4 |
| 12,5 | 11,5 | 11,0 | 11,0 | 11,5 | 11.5 | 11.5 | 12.0 | 12.5 | 14,0 | 3 | 11,0 | 18,19 | 3.0 | 12,4 |
| 11.0 | 10.5 | 11.0 | 13.5 | 13.4 | 12.5 | 12.0 | 11.5 | 11.0 | 13.5 | 19 | 9.0 | 11 | 4.5 | 11.1 |
| 11.5 | 11,0 | 11.5 | 11.5 | 13,4 | 14.5 | 15,0 | 16,0 | 15,0 | 16.0 | 23 | 10.0 | 7 | 6.0 | 12,2 |
| 14,0 | 10,5 | 11,5 | 13,5 | 14.5 | 13.0 | 14.5 | 9,5 | 8.5 | 17.0 | 15 | 8,5 | 24 | 8.5 | 13,5 |
| 10.5 | 10,0 | 10,5 | 12,5 | 12,7 | 12.0 | 12,5 | 11.5 | 11,0 | 12,7 | 20 | 7,8 | 5,6 | 4.9 | 10,5 |
| 14,5 | 13,0 | 12.0 | 11,5 | 10,6 | 10,5 | 10.5 | 11.0 | 11.0 | 17,0 | 11 | 10,5 | 21,22 | 6.5 | 13.3 |
| 10.0 | 9.0 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 11.5 | 11.5 | 23,24 | 7.0 | 9 | 4.5 | 9.2 |
| 13.5 | 14.0 | 14.5 | 15,0 | 15,2 | 14,5 | 14,0 | 14.5 | 14,5 | 15.2 | 20 | 10.0 | 6,7 | 5.2 | 12.7 |
| 15.5 | 15,0 | 15.5 | 16,0 | 17,5 | 17.0 | 15,5 | 16.0 | 16.0 | 17.5 | 20 | 14.0 | varios | 3.5 | 15,1 |
| 14.5 | 14,5 | 15.5 | 16.0 | 16,0 | 16.0 | 16.0 | 17.0 | 14.0 | 17,0 | 23 | 13,5 | 13 | 3.5 | 15.3 |
| 16.0 | 17.0 | 15.5 | 16.0 | 15,8 | 16.0 | 15.5 | 15.0 | 15.5 | 17,2 | 8 | 14.0 | 0 | 3.2 | 16.0 |
| 16.0 | 16.5 | 17.0 | 17.5 | 17.2 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 19 | 14.5 | varios | 3.0 | 16.0 |
| 15.5 | 15,5 | 17.0 | 12.5 | 14,3 | 11,5 | 9,0 | 7,8 | 8.5 | 17.5 | 6 | 7.8 | 23 | 9.7 | 14,8 |
| 6.0 | 5,8 | 9.0 | 10.5 | 10,2 | 10.0 | 10,0 | 9.5 | 9.0 | 11.0 | 1 | 5.8 | 17 | 5.2 | 8,2 |
| 12,0 | 12,0 | 12.0 | 14.0 | 15,3 | 13.0 | 10.5 | 11 0 | 11.0 | 15.3 | 20 | 8.0 | 1 | 7.3 | 10,9 |
| 14,0 | 14,5 | 13.5 | 13,5 | 14,2 | 15.5 | 16.5 | 16,0 | 16,0 | 16.5 | 22 | 10.5 | 2,3 | 6.0 | 13,4 |
| 9.5 | 9.0 | 9.5 | 11.5 | 11.4 | 10.5 | 9.5 | 9.0 | 9.0 | 17.0 | 2,3 | 7.8 | 12 | 9.2 | 10.9 |
| 7.8 | 7.4 | 7.8 | 9,5 | 11,5 | 10.0 | 9.5 | 9.5 | 9,5 | 11.5 | 20 | 6,6 | 15 | 4.9 | 8.7 |
| 16,5 | 15,0 | 16.5 | 17.0 | 17,7 | 16,5 | 14.5 | 12.5 | 12.0 | 17.7 | 20 | 9,0 | varios | 8.7 | 13.3 |
| 10,5 | 11.0 | 11,5 | 13,0 | 11,8 | 11.0 | 11.5 | 11.0 | 10,5 | 13.0 | 19 | 8,5 | 7 | 4.5 | 10,6 |
| 11,5 | 11.5 | 11,5 | 10,5 | 11,9 | 11,5 | 11,5 | 11,5 | 11.0 | 11,9 | 20 | 9,5 | 2,3 | 2.4 | 10.9 |
| 11.5 | 12.5 | 12.0 | 11.5 | 12.1 | 11.5 | 11.5 | 11.0 | 11.5 | 12.7 | 8 | 11.5 | varios | 1.2 | 11.8 |
| 11,0 | 11,5 | 11.5 | 12.0 | 13,7 | 12,5 | 11,5 | 11,5 | 12,0 | 13,7 | 20 | 9,0 | 7 | 4.7 | 11.1 |
| 14.5 | 14,0 | 16.5 | 16.5 | 15,9 | 14,0 | 13,5 | 13,0 | 12,5 | 16.5 | 18,19 | 11.0 | 6 | 5.5 | 13,6 |
| 13.5 | 11.5 | 13.0 | 14.0 | 14.7 | 14.5 | 14.0 | 14.0 | 13.5 | 17.0 | 10 | 10.5 | 5,6 | 6.5 | 13.4 |
| 12.9 | 12.5 | 13.0 | 13.5 | 14.0 | 13.4 | 13.0 | 12.7 | 12.4 | 15.3 | | 10.2 | | 5.1 | 12.7 |

# VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

| HORAS | 0-1 | | 1-2 | | 2-3 | | 3-4 | | 4-5 | | 5-6 | | 6-7 | | 7-8 | | 8-9 | | 9-10 | | 10-11 | | 11-12 | | 12-13 | | 13-14 | | 14-15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DÍAS | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | S | 13 | SE | 11 | SE | 14 | SE | 14 | SE | 8 | C | 1 | W | 11 | SW | 7 | SW | 9 | SW | 12 | SW | 16 | S | 11 | S | 12 | S | 8 | SW | 9 |
| 2 | E | 7 | E | 6 | E | 5 | SE | 6 | E | 6 | SE | 6 | SE | 4 | S | 8 | S | 8 | SW | 8 | SE | 3 | NW | 4 | NW | 5 | N | 15 | N | 17 |
| 3 | SE | 4 | S | 4 | SE | 4 | SE | 5 | NW | 9 | W | 4 | W | 9 | N | 13 | NE | 6 | W | 11 | W | 10 | SW | 8 | S | 9 | S | 7 | S | 9 |
| 4 | SE | 14 | SE | 11 | S | 8 | S | 9 | S | 9 | S | 11 | S | 11 | S | 14 | SE | 17 | SE | 20 | SE | 15 | SE | 14 | SE | 16 | E | 15 | E | 18 |
| 5 | E | 15 | E | 13 | NE | 13 | E | 11 | NE | 10 | NE | 8 | NE | 9 | NE | 15 | NE | 15 | NE | 10 | E | 9 | NE | 5 | N | 8 | N | 9 | NE | 5 |
| 6 | C | 1 | NE | 2 | W | 7 | W | 7 | SW | 7 | W | 8 | NW | 8 | S | 8 | S | 7 | S | 6 | N | 6 | S | 3 | S | 6 | S | 6 | S | 9 |
| 7 | E | 11 | E | 9 | E | 8 | NE | 5 | NE | 7 | NE | 7 | N | 9 | N | 19 | N | 21 | N | 19 | N | 24 | NW | 25 | NW | 22 | NW | 22 | W | 16 |
| 8 | S | 11 | S | 8 | S | 10 | S | 6 | SE | 6 | SE | 7 | SE | 2 | C | 0 | E | 2 | NE | 7 | N | 9 | N | 12 | N | 12 | N | 18 | N | 17 |
| 9 | NW | 16 | NW | 15 | NW | 17 | NW | 13 | NW | 15 | NW | 17 | NW | 14 | N | 18 | NW | 24 | W | 22 | W | 23 | W | 19 | S | 19 | S | 16 | S | 15 |
| 10 | SE | 10 | S | 8 | S | 7 | S | 3 | S | 3 | S | 3 | S | 6 | SE | 10 | SE | 14 | SE | 10 | S | 6 | S | 5 | S | 5 | S | 6 | S | 4 |
| 11 | E | 16 | E | 16 | E | 16 | E | 14 | NE | 14 | NE | 12 | NE | 16 | NE | 14 | NE | 15 | NE | 13 | NE | 8 | NE | 11 | E | 14 | E | 21 | E | 16 |
| 12 | SE | 10 | E | 15 | E | 27 | N | 19 | NE | 23 | S | 10 | S | 8 | S | 4 | S | 2 | S | 5 | S | 4 | S | 5 | S | 4 | S | 3 | S | 6 |
| 13 | E | 28 | E | 26 | E | 27 | E | 27 | E | 25 | E | 30 | SE | 19 | SE | 22 | E | 30 | E | 31 | E | 43 | E | 43 | E | 48 | E | 49 | E | 39 |
| 14 | S | 33 | SE | 35 | E | 16 | NE | 17 | NE | 17 | E | 25 | NW | 8 | E | 16 | NE | 15 | N | 15 | NW | 14 | W | 10 | NW | 14 | N | 16 | N | 17 |
| 15 | S | 3 | C | 1 | S | 6 | S | 2 | C | 0 | SE | 3 | SE | 5 | E | 3 | S | 4 | S | 6 | SE | 4 | SE | 5 | E | 13 | E | 13 | E | 12 |
| 16 | E | 5 | E | 5 | C | 1 | C | 0 | SW | 2 | W | 6 | C | 1 | S | 6 | S | 5 | S | 4 | S | 3 | S | 4 | S | 6 | S | 11 | S | 13 |
| 17 | S | 17 | S | 8 | S | 7 | S | 7 | S | 10 | S | 7 | S | 9 | S | 6 | S | 7 | S | 8 | S | 9 | S | 8 | S | 8 | S | 6 | S | 5 |
| 18 | NE | 10 | N | 9 | N | 9 | N | 11 | N | 10 | NE | 9 | NE | 9 | NE | 14 | N | 16 | N | 18 | N | 16 | N | 15 | N | 15 | N | 15 | N | 19 |
| 19 | NE | 13 | NE | 12 | NE | 11 | NE | 8 | NE | 9 | NE | 7 | NE | 4 | NE | 11 | N | 13 | N | 16 | N | 19 | N | 14 | N | 9 | N | 6 | N | 5 |
| 20 | NE | 13 | NE | 11 | NE | 9 | S | 13 | S | 26 | S | 14 | S | 11 | S | 12 | S | 17 | S | 12 | S | 10 | S | 15 | S | 13 | S | 19 | S | 19 |
| 21 | SW | 11 | SW | 9 | SW | 9 | SW | 6 | SW | 6 | SW | 3 | C | 1 | C | 1 | NW | 3 | N | 4 | N | 5 | N | 6 | N | 7 | N | 9 | N | 8 |
| 22 | NE | 6 | NE | 5 | NE | 8 | NE | 9 | NE | 5 | NE | 9 | NE | 12 | N | 13 | N | 17 | N | 17 | N | 20 | N | 22 | N | 23 | N | 24 | N | 24 |
| 23 | S | 14 | S | 10 | S | 10 | S | 7 | S | 9 | S | 8 | S | 11 | S | 13 | S | 14 | S | 12 | S | 13 | S | 10 | S | 10 | S | 12 | S | 12 |
| 24 | SE | 8 | SE | 8 | SE | 10 | NE | 12 | E | 5 | E | 4 | C | 1 | E | 6 | E | 17 | E | 20 | E | 18 | E | 20 | E | 21 | E | 19 | E | 19 |
| 25 | SE | 6 | NE | 10 | NE | 14 | E | 9 | E | 6 | NE | 3 | C | 0 | NE | 6 | E | 8 | E | 7 | E | 7 | N | 7 | NE | 6 | E | 4 | E | 5 |
| 26 | NE | 12 | NE | 10 | NE | 10 | NE | 12 | NE | 11 | NE | 9 | N | 13 | N | 17 | N | 20 | N | 21 | N | 22 | N | 23 | N | 21 | N | 21 | N | 20 |
| 27 | N | 14 | N | 14 | N | 13 | NE | 11 | N | 12 | N | 11 | N | 15 | N | 21 | N | 18 | N | 30 | N | 34 | N | 32 | N | 27 | N | 23 | NW | 21 |
| 28 | S | 4 | SE | 4 | SE | 3 | SE | 3 | SE | 3 | E | 5 | SE | 3 | S | 4 | SE | 3 | SE | 3 | E | 4 | SE | 6 | E | 13 | E | 13 | E | 14 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIR. PREV. | S | | E | | V$^{S}$ | | NE-S | | NE | | NE | | S | | S | | S | | N | | N | | N-S | | S | | N-S | | S | |
| Nº de HORAS | 7 | | 7 | | 6 | | 7 | | 8 | | 8 | | 6 | | 9 | | 8 | | 8 | | 9 | | 8 | | 10 | | 10 | | 9 | |
| PROM. HOR. DE LA VELOC. | | 12 | | 11 | | 11 | | 9 | | 10 | | 9 | | 8 | | 11 | | 12 | | 13 | | 13 | | 13 | | 14 | | 14 | | 14 |

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTANEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| S | 7 | S | 9 | S | 6 | S | 5 | SE | 4 | E | 5 | SE | 5 | E | 7 | SE | 6 | S | 8 | 9 | 18 | SW | 10.12 |
| N | 7 | N | 15 | S | 7 | S | 5 | SE | 3 | SE | 5 | SE | 3 | SE | 6 | SE | 5 | SE | 9 | 7 | 20 | N | 16.24 |
| S | 8 | S | 5 | SE | 5 | SE | 9 | E | 12 | E | 19 | E | 19 | E | 16 | E | 19 | S | 6 | 9 | 32 | E | 20.56 |
| E | 19 | E | 21 | E | 21 | E | 17 | E | 14 | E | 15 | E | 14 | E | 12 | E | 14 | E | 11 | 15 | 24 | SE | 9.02 |
| NE | 6 | N | 7 | N | 4 | E | 2 | NE | 4 | NE | 2 | E | 3 | C | 1 | C | 0 | NE | 12 | 8 | 14 | NE | 7.36 |
| S | 11 | S | 9 | S | 8 | S | 6 | S | 5 | SE | 6 | E | 11 | E | 14 | E | 16 | S | 12 | 7 | 20 | S | 7.40 |
| W | 17 | SW | 12 | W | 13 | W | 9 | W | 11 | S | 15 | S | 18 | S | 23 | S | 19 | N-W | 5 | 15 | 45 | S | 22.26 |
| N | 17 | N | 19 | NW | 15 | NW | 12 | NW | 9 | NW | 10 | NW | 11 | NW | 15 | NW | 15 | N-NW | 7 | 10 | 18 | N | 13.22<br>15.56 |
| S | 21 | S | 18 | S | 15 | SE | 14 | SE | 14 | SE | 13 | SE | 18 | SE | 15 | SE | 12 | NW | 8 | 17 | 32 | S | 16.07 |
| E | 7 | NE | 13 | E | 10 | E | 9 | E | 13 | E | 18 | E | 13 | E | 14 | E | 15 | S | 11 | 9 | 18 | E | 22.48 |
| E | 15 | E | 15 | E | 18 | S | 14 | S | 15 | E | 22 | S | 36 | S | 32 | S | 11 | E | 10 | 16 | 67 | S | 21.29 |
| S | 4 | SE | 8 | SE | 8 | SE | 7 | E | 13 | E | 21 | E | 25 | E | 23 | E | 25 | S | 11 | 12 | 36 | NE | 2.52 |
| E | 39 | E | 37 | E | 28 | S | 22 | S | 27 | S | 27 | E | 34 | E | 32 | S | 30 | E | 18 | 32 | 69 | E | 12.54 |
| W | 14 | NW | 10 | NW | 10 | NW | 12 | W | 8 | NW | 9 | NW | 10 | NW | 7 | NW | 5 | NW | 9 | 15 | 48 | S | 1.04 |
| E | 9 | E | 6 | E | 6 | E | 8 | E | 9 | E | 9 | E | 8 | E | 9 | E | 8 | E | 13 | 6 | 6 | NE | 12.30 |
| S | 13 | S | 16 | S | 14 | S | 15 | S | 14 | S | 16 | S | 25 | S | 19 | S | 18 | S | 17 | 9 | 36 | S | 21.16 |
| S | 3 | S | 3 | NE | 5 | NE | 9 | NE | 8 | NE | 7 | N | 8 | N | 7 | N | 9 | S | 17 | 8 | 22 | S | 0.22 |
| N | 19 | N | 17 | N | 13 | NE | 7 | NE | 9 | NE | 6 | NE | 13 | NE | 12 | NE | 13 | N | 14 | 13 | 24 | NE | 15.05 |
| N | 6 | N | 9 | NE | 9 | NE | 10 | NE | 9 | E | 10 | E | 12 | E | 13 | E | 12 | NE | 11 | 10 | 16 | N | 10.42 |
| S | 20 | S | 15 | S | 9 | S | 4 | S | 2 | W | 4 | W | 6 | W | 8 | SW | 10 | S | 17 | 12 | 49 | S | 3.53 |
| N | 6 | NE | 10 | NE | 8 | NE | 6 | NE | 6 | NE | 7 | NE | 9 | NE | 7 | NE | 9 | NE | 8 | 6 | 4 | N | 13.28 |
| N | 26 | N | 21 | N | 13 | N | 15 | NW | 19 | NW | 13 | W | 19 | S | 16 | S | 14 | N | 12 | 15 | 50 | S | 21.40 |
| S | 9 | SE | 6 | SE | 6 | SE | 3 | SE | 4 | SE | 5 | SE | 7 | SE | 7 | SE | 5 | S | 16 | 9 | 22 | S | 0.40 |
| E | 16 | E | 15 | E | 15 | E | 17 | E | 13 | SE | 8 | SE | 9 | SE | 8 | SE | 7 | E | 15 | 12 | 20 | E | 10.16 |
| NE | 4 | E | 9 | E | 15 | E | 15 | E | 12 | E | 9 | E | 11 | E | 14 | E | 11 | E | 15 | 8 | 18 | E | 17.48 |
| N | 20 | N | 16 | N | 14 | N | 10 | N | 11 | N | 13 | N | 13 | N | 13 | N | 15 | N | 18 | 15 | 24 | N | 12.28 |
| W | 14 | W | 9 | S | 5 | C | 0 | C | 0 | S | 3 | S | 5 | S | 4 | S | 2 | N | 13 | 14 | 44 | NW | 11.08 |
| E | 12 | E | 14 | E | 10 | E | 12 | E | 12 | E | 12 | E | 13 | E | 11 | E | 13 | E | 14 | 8 | 8 | NE | 14.06 |
| S | | $V^S$ | | E | | E-S | | E | | E | | E | | E | | E | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MÁXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | DIR. | HORAS | | 96 Km. | | |
| 9 | | 7 | | 8 | | 7 | | 8 | | 10 | | 11 | | 11 | | 9 | | | | | DIREC. | DÍA | HORA |
| | 13 | | 13 | | 11 | | 9 | | 10 | | 11 | | 13 | | 13 | | 12 | S | 163 | 12 | E | 13 | de 13.20 a 13.25 |

# 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 | 12 | 7 | 62 | 8 | 7 | 5 | 53 | 1 | 11 | | | 1 | 210 |
| 2 | 4 | 54 | | | 4 | 24 | 9 | 41 | 4 | 28 | 1 | 8 | | | 2 | 9 | | 164 |
| 3 | 1 | 13 | 1 | 6 | 5 | 85 | 5 | 27 | 6 | 42 | 1 | 8 | 4 | 34 | 1 | 9 | | 224 |
| 4 | | | | | 11 | 180 | 7 | 107 | 6 | 62 | | | | | | | | 349 |
| 5 | 4 | 28 | 12 | 102 | 6 | 53 | | | | | | | | | | | 2 | 184 |
| 6 | 1 | 6 | 1 | [illegible] | 3 | 41 | 1 | 6 | 12 | 84 | 1 | 7 | 3 | 22 | 1 | 8 | 1 | 177 |
| 7 | 5 | 92 | 3 | 19 | 3 | 28 | | | 4 | 74 | 1 | 12 | 5 | 66 | 3 | 69 | | 360 |
| 8 | 7 | 104 | 1 | 7 | 1 | 2 | 3 | 15 | 4 | 35 | | | | | 7 | 87 | 1 | 250 |
| 9 | 1 | 18 | | | | | 6 | 86 | 6 | 104 | | | 3 | 64 | 8 | 131 | | 403 |
| 10 | | | 1 | 13 | 8 | 99 | 4 | 44 | 11 | 56 | | | | | | | | 212 |
| 11 | | | 9 | 117 | 10 | 169 | | | 5 | 108 | | | | | | | | 394 |
| 12 | 1 | 19 | 1 | 23 | 7 | 149 | 4 | 33 | 11 | 55 | | | | | | | | 279 |
| 13 | | | | | 18 | 616 | 2 | 41 | 4 | 106 | | | | | | | | 763 |
| 14 | 3 | 48 | 3 | 49 | 3 | 57 | 1 | 35 | 1 | 33 | 1 | 5 | 3 | 32 | 9 | 94 | | 353 |
| 15 | | | | | 13 | 113 | 4 | 17 | 5 | 21 | | | | | | | 2 | 152 |
| 16 | | | | | 2 | 10 | | | 17 | 202 | 1 | 2 | 1 | 6 | | | 3 | 222 |
| 17 | 3 | 24 | 4 | 29 | | | | | 17 | 128 | | | | | | | | 181 |
| 18 | 14 | 202 | 10 | 102 | | | | | | | | | | | | | | 304 |
| 19 | 9 | 97 | 11 | 103 | 4 | 47 | | | | | | | | | | | | 247 |
| 20 | | | 3 | 33 | | | | | 17 | 231 | 1 | 10 | 3 | 18 | | | | 292 |
| 21 | 7 | 45 | 8 | 62 | | | | | | | 6 | 44 | | | 1 | 3 | 2 | 156 |
| 22 | 12 | 236 | 7 | 54 | | | | | 2 | 30 | | | 1 | 19 | 2 | 32 | | 371 |
| 23 | | | | | | | 8 | 43 | 16 | 174 | | | | | | | | 217 |
| 24 | | | 1 | 12 | 15 | 225 | 7 | 58 | | | | | | | | | 1 | 296 |
| 25 | 1 | 7 | 6 | 43 | 15 | 142 | 1 | 6 | | | | | | | | | 1 | 198 |
| 26 | 18 | 303 | 6 | 64 | | | | | | | | | | | | | | 367 |
| 27 | 13 | 264 | 1 | 11 | | | | | 5 | 19 | | | 2 | 23 | 1 | 21 | 2 | 338 |
| 28 | | | | | 14 | 158 | 8 | 28 | 2 | 8 | | | | | | | | 194 |
| 29 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| SUMAS | 104 | 1560 | 89 | 851 | 144 | 2210 | 77 | 649 | 163 | 1671 | 18 | 149 | 26 | 295 | 35 | 463 | 16 | 7847 |
| % PREVAL. POR VELOCIDAD | 19.9 | | 10.8 | | 28.2 | | 8.3 | | 21.3 | | 1.9 | | 3.8 | | 5.9 | | 0.1 | VELOCIDAD MEDIA DIARIA EN EL MES 280 |
| VELOCIDAD MEDIA POR DIRECCIÓN | 15 | | 10 | | 15 | | 8 | | 10 | | 8 | | 11 | | 13 | | 0.6 | |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 1 | 5 | 6 | 6 | 7 | 1 | - | 1 | 1 |
| 1 - 2 | 2 | 6 | 7 | 5 | 5 | 1 | - | 1 | 1 |
| 2 - 3 | 2 | 6 | 6 | 4 | 6 | 1 | 1 | 1 | 1 |
| 3 - 4 | 2 | 7 | 4 | 4 | 7 | 1 | 1 | 1 | 1 |
| 4 - 5 | 2 | 8 | 4 | 3 | 5 | 3 | - | 2 | 1 |
| 5 - 6 | 1 | 8 | 4 | 3 | 6 | 1 | 3 | 1 | 1 |
| 6 - 7 | 3 | 5 | - | 5 | 6 | - | 2 | 3 | 4 |
| 7 - 8 | 6 | 5 | 3 | 2 | 9 | 1 | - | - | 2 |
| 8 - 9 | 6 | 4 | 4 | 3 | 8 | 1 | - | 2 | - |
| 9 - 10 | 8 | 3 | 3 | 3 | 7 | 2 | 2 | - | - |
| 10 - 11 | 9 | 1 | 5 | 3 | 6 | 1 | 2 | 1 | - |
| 11 - 12 | 8 | 2 | 2 | 3 | 8 | 1 | 2 | 2 | - |
| 12 - 13 | 8 | 2 | 4 | 1 | 10 | - | - | 3 | - |
| 13 - 14 | 10 | - | 7 | - | 10 | - | - | 1 | - |
| 14 - 15 | 8 | 1 | 7 | - | 9 | 1 | 1 | 1 | - |
| 15 - 16 | 7 | 2 | 7 | - | 9 | - | 3 | - | - |
| 16 - 17 | 7 | 2 | 7 | 2 | 7 | 1 | 1 | 1 | - |
| 17 - 18 | 4 | 3 | 8 | 3 | 7 | - | 1 | 2 | - |
| 18 - 19 | 2 | 4 | 7 | 4 | 7 | - | 1 | 2 | 1 |
| 19 - 20 | 1 | 5 | 8 | 4 | 5 | - | 2 | 2 | 1 |
| 20 - 21 | 1 | 4 | 10 | 5 | 4 | - | 1 | 3 | - |
| 21 - 22 | 2 | 2 | 11 | 5 | 4 | - | 2 | 2 | - |
| 22 - 23 | 2 | 2 | 11 | 4 | 5 | - | 1 | 2 | 1 |
| 23 - 24 | 2 | 2 | 9 | 5 | 6 | 2 | - | 1 | 1 |
| SUMAS | 104 | 89 | 144 | 77 | 163 | 18 | 26 | 35 | 16 |
| % de frec. por dirección | 15.5 | 13.2 | 21.4 | 11.4 | 24.2 | 2.7 | 3.9 | 5.2 | 2.4 |

# NUBES VISIBILIDAD

| DÍAS | N U B E S | | | | | | | | | | VISIBILIDAD | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | | 12h | | 14h | | 18h | | 20h | | 8h | 14h | 20h |
| | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | 0 - 9 | | |
| 1 | Ac As | 8 | Ac As | 8 | Ac As | 8 | Ac | 3 | Claro | 0 | 96 | 96 | 96 |
| 2 | Ns | 8 | St | 8 | Ns | 8 | Ac | 6 | As Ac | 6 | 6 | 6 | 7 |
| 3 | Ns | 8 | Fs | 8 | Cu 4 Ac 1 Cc 2 | 7 | Ac | 5 | Ac | 2 | 6 | 7 | 7 |
| 4 | Claro | 0 | Claro | 0 | Claro | 0 | Ci | 2 | Ci | 3 | 8 | 7 | 6 |
| 5 | Ci Cs | 6 | Sc | 8 | St Sc | 8 | Ac | 1 | Claro | 0 | 7 | 7 | 8 |
| 6 | Fs | 8 | Claro | 0 | Claro | 0 | Ac 1 Ci 4 | 5 | Sc 3 Ci 2 | 5 | 7 | 8 | 8 |
| 7 | Claro | 0 | Cu | 4 | Cu | 6 | Claro | 0 | Claro | 0 | 8 | 8 | 8 |
| 8 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 8 | 8 | 7 |
| 9 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 8 | 8 | 7 |
| 10 | Claro | 0 | Claro | 0 | Ac 2 Ci Cs 2 | 4 | Ac As | 7 | Ac | 6 | 8 | 8 | 7 |
| 11 | St Sc | 8 | Ns | 8 | Fs | 8 | Fs | 8 | Fs | 8 | 7 | 7 | 7 |
| 12 | St Sc | 8 | Cu | 6 | Fc 6 Cs 2 | 8 | Sc 4 Cs 4 | 8 | Sc | 7 | 8 | 7 | 6 |
| 13 | Fs | 8 | Fs | 8 | Fc | | Fs | 7 | Fs | 8 | 5 | 7 | 7 |
| 14 | Fs | 8 | Fs | 8 | St Sc | 8 | Fs | 8 | Fs | 8 | 6 | 7 | 7 |
| 15 | St | 8 | St | 8 | Cu 3 Ac 2 Ci 3 | 8 | Sc 4 Ac 3 | 7 | Sc | 7 | 4 | 6 | 6 |
| 16 | Fc | 4 | Cu | 3 | Cu | 5 | Ac | 2 | Claro | 0 | 6 | 8 | 8 |
| 17 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 9 | 9 | 8 |
| 18 | Claro | 0 | Ci | 2 | Cu 1 Ci 5 | 6 | Ci | 2 | Claro | 0 | 9 | 8 | 8 |
| 19 | Claro | 0 | Cu | 2 | Cu | 4 | Ci | 7 | Ci | 6 | 8 | 8 | 7 |
| 20 | St | 8 | Ac As | 8 | Ci | 2 | Claro | 0 | Claro | 0 | 7 | 9 | 9 |
| 21 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 9 | 9 | 7 |
| 22 | Claro | 0 | Claro | 0 | Claro | 0 | Ci | 7 | Ci | 3 | 8 | 8 | 6 |
| 23 | Cc | 3 | Ci | 3 | Cu 1 Ac 1 | 2 | Sc | 2 | Claro | 0 | 8 | 8 | 7 |
| 24 | Cu 3 Cs 4 | 7 | Cs | 5 | Cu 2 Ac As 6 | 8 | Ac 3 Cs 5 | 8 | Ac | 3 | 7 | 6 | 6 |
| 25 | Cu | 6 | Cb | 5 | Cb | 7 | Sc 1 Cs 3 | 4 | Claro | 0 | 7 | 6 | 6 |
| 26 | Ci | 3 | Ci | 4 | Cu 3 Ci 5 | 8 | Ci | 7 | Ci | 4 | 8 | 7 | 3 |
| 27 | Ac | 4 | Ac 2 Ci 2 | 4 | Cu 3 Ci Cs 2 | 5 | Ci | 3 | Ci | 3 | 7 | 7 | 4 |
| 28 | Claro | 0 | Cu | 3 | Claro | 0 | Ci | 3 | Claro | 0 | 4 | 5 | 6 |
| 29 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | |
| Prom. | | 4 | | 4 | | 5 | | 4 | | 3 | | | |

# RADIACIÓN SOLAR

| Días | Hora | Bulbos Negro °C | Bulbos Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0 - 8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 8 | 1 | 3 | |
| | 10 | | | | 8 | 1 | 3 | |
| | 12 | | | | 8 | 1 | 3 | |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 2 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | Z. |
| | 14 | | | | 8 | 0 | 3 | LL. |
| | 15 | | | | 8 | 0 | 3 | LL. |
| 3 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 4 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 4 | B. |
| | 15 | | | | 0 | 5 | 4 | B. |
| 5 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 6 | 5 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 6 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 7 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 6 | 3 | 5 | |
| | 15 | | | | 5 | 3 | 5 | |
| 8 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 9 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 10 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 4 | 5 | 5 | |
| | 15 | | | | 4 | 3 | 5 | |
| 11 | 9 | | | | 8 | 0 | 4 | LL. |
| | 10 | | | | 8 | 0 | 4 | LL. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 12 | 9 | | | | 7 | 3 | 4 | |
| | 10 | | | | 6 | 3 | 5 | |
| | 12 | | | | 6 | 3 | 5 | |
| | 14 | | | | 8 | 3 | 5 | |
| | 15 | | | | 4 | 3 | 5 | |
| 13 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 7 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 3 | |
| 14 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 15 | 9 | | | | 8 | 0 | 2 | Ne. |
| | 10 | | | | 8 | 0 | 3 | N. |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 3 | 4 | |
| | 15 | | | | 8 | 3 | 3 | |
| 16 | 9 | | | | 1 | 5 | 4 | |
| | 10 | | | | 1 | 5 | 4 | |
| | 12 | | | | 3 | 5 | 4 | |
| | 14 | | | | 5 | 3 | 4 | |
| | 15 | | | | 5 | 3 | 4 | |
| 17 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 18 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 6 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 19 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 4 | 3 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 20 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 21 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 22 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 23 | 9 | | | | 4 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 3 | 5 | 5 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 24 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 5 | 4 | 4 | |
| | 12 | | | | 5 | 4 | 4 | |
| | 14 | | | | 8 | 1 | 3 | |
| | 15 | | | | 8 | 1 | 3 | |
| 25 | 9 | | | | 6 | 3 | 4 | |
| | 10 | | | | 6 | 3 | 4 | |
| | 12 | | | | 5 | 3 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 26 | 9 | | | | 8 | 4 | 5 | |
| | 10 | | | | 8 | 4 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 8 | 3 | 5 | |
| | 15 | | | | 6 | 4 | 5 | |
| 27 | 9 | | | | 4 | 5 | 5 | |
| | 10 | | | | 4 | 5 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 5 | 5 | 5 | |
| | 15 | | | | 8 | 4 | 5 | |
| 28 | 9 | | | | 0 | 4 | 2 | Ne. |
| | 10 | | | | 0 | 4 | 2 | Ne. |
| | 12 | | | | 3 | 4 | 3 | |
| | 14 | | | | 0 | 4 | 3 | B. |
| | 15 | | | | 0 | 4 | 3 | B. |
| 29 | 9 | | | | | | | |
| | 10 | | | | | | | |
| | 12 | | | | | | | |
| | 14 | | | | | | | |
| | 15 | | | | | | | |
| 30 | 9 | | | | | | | |
| | 10 | | | | | | | |
| | 12 | | | | | | | |
| | 14 | | | | | | | |
| | 15 | | | | | | | |
| 31 | 9 | | | | | | | |
| | 10 | | | | | | | |
| | 12 | | | | | | | |
| | 14 | | | | | | | |
| | 15 | | | | | | | |

## HELIOFANÍA

| DÍAS \ HORAS | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | H.EFECTIVA | H.TEÓR.ASTRON. | H.RELATIVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.8 | | | | | | | 0.2 | 0.5 | 0.4 | 1.9 | 13.6 | 14 |
| 2 | | | | | | | | | | | | | 0.1 | 0.2 | 0.3 | 13.6 | 02 |
| 3 | | | | | | | | 0.3 | 1.0 | 1.0 | 0.9 | 0.9 | 0.3 | 0.1 | 4.5 | 13.6 | 33 |
| 4 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | 12.5 | 13.6 | 92 |
| 5 | 0.2 | 1.0 | 1.0 | 0.7 | 0.4 | 0.4 | | | | | | 0.1 | 1.0 | 0.4 | 5.2 | 13.5 | 38 |
| 6 | | 0.7 | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | | | 9.3 | 13.5 | 69 |
| 7 | | 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 |
| 8 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | 12.1 | 13.4 | 90 |
| 9 | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | | 11.9 | 13.4 | 89 |
| 10 | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.6 | | | 10.4 | 13.4 | 78 |
| 11 | | | | | | | | | | | | | | | 0.0 | 13.3 | 00 |
| 12 | | | | 0.3 | 1.0 | 1.0 | 1.0 | 0.5 | 0.4 | 0.4 | 1.0 | 1.0 | 0.2 | | 6.8 | 13.3 | 51 |
| 13 | | | | | | | | 0.1 | 0.6 | | 0.2 | 0.3 | | | 1.2 | 13.3 | 09 |
| 14 | | | | | | | 0.4 | | | | | | | | 0.4 | 13.2 | 03 |
| 15 | | | | | 0.1 | 0.2 | 0.5 | 0.9 | 0.7 | 0.5 | 1.0 | 0.7 | | | 4.6 | 13.2 | 35 |
| 16 | | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | 10.0 | 13.2 | 76 |
| 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 | 0.8 | | 11.9 | 13.1 | 91 |
| 18 | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | 11.7 | 13.1 | 89 |
| 19 | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.1 | | 10.2 | 13.1 | 78 |
| 20 | | | | 0.1 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | 6.3 | 13.0 | 48 |
| 21 | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | | 11.4 | 13.0 | 88 |
| 22 | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | | | | 9.2 | 13.0 | 71 |
| 23 | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | 11.7 | 12.9 | 91 |
| 24 | | 0.1 | 0.7 | 1.0 | 1.0 | 0.3 | 0.1 | 0.9 | | | | | | | 4.1 | 12.9 | 32 |
| 25 | | 0.2 | 1.0 | 0.9 | 0.9 | 1.0 | 0.7 | 1.0 | 0.8 | 0.8 | 0.8 | 0.4 | | | 8.5 | 12.9 | 66 |
| 26 | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 0.6 | | | 9.9 | 12.8 | 77 |
| 27 | | | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | | 8.4 | 12.8 | 66 |
| 28 | | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 10.0 | 12.8 | 78 |
| 29 | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | |
| Medias | 0.0 | 0.4 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.4 | 0.1 | 7.7 | 13.2 | 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 | 22.2 | 28.4 | 23.0 | 23.7 | 25.6 | 25.4 | 24.8 | 24.8 | 25.0 | 25.1 | 25.1 | 24.8 | 25.1 | 25.2 | 24.8 |
| 2 | 21.2 | 21.9 | 21.4 | 22.4 | 23.2 | 22.8 | 23.8 | 23.5 | 23.5 | 24.5 | 24.2 | 24.0 | 24.7 | 24.5 | 24.3 |
| 3 | 19.6 | 18.8 | 23.4 | 21.5 | 22.6 | 24.4 | 22.6 | 22.6 | 23.6 | 23.4 | 23.4 | 23.4 | 23.9 | 24.2 | 23.7 |
| 4 | 20.4 | 31.7 | 20.6 | 21.3 | 25.6 | 23.8 | 22.6 | 23.2 | 23.9 | 23.5 | 23.5 | 23.6 | 23.8 | 24.2 | 23.6 |
| 5 | 19.0 | 21.4 | 19.6 | 20.5 | 22.6 | 22.2 | 22.4 | 22.6 | 22.6 | 23.5 | 23.2 | 23.0 | 23.8 | 23.6 | 23.4 |
| 6 | 18.6 | 38.4 | 24.8 | 19.8 | 26.5 | 26.2 | 21.5 | 22.6 | 24.4 | 22.2 | 22.8 | 23.4 | 23.6 | 23.8 | 23.3 |
| 7 | 21.4 | 36.0 | 25.6 | 22.2 | 26.8 | 27.0 | 23.2 | 23.8 | 25.1 | 23.8 | 23.8 | 24.2 | 23.9 | 24.3 | 23.9 |
| 8 | 20.0 | 35.4 | 24.2 | 21.0 | 26.8 | 26.4 | 23.2 | 23.6 | 25.0 | 24.1 | 23.8 | 24.2 | 24.2 | 24.5 | 24.0 |
| 9 | 21.6 | 40.6 | 24.8 | 22.0 | 28.2 | 26.8 | 23.4 | 24.2 | 25.5 | 24.2 | 24.2 | 24.4 | 24.4 | 24.7 | 24.3 |
| 10 | 19.6 | 38.8 | 23.2 | 21.3 | 26.5 | 25.4 | 23.3 | 23.6 | 24.8 | 24.3 | 24.0 | 24.2 | 24.5 | 24.7 | 24.2 |
| 11 | 19.1 | 18.6 | 19.4 | 21.3 | 20.6 | 21.3 | 23.0 | 22.4 | 23.0 | 23.8 | 23.4 | 22.8 | 24.2 | 23.9 | 23.6 |
| 12 | 19.2 | 29.2 | 23.4 | 20.2 | 24.4 | 24.4 | 21.0 | 21.8 | 23.2 | 21.8 | 22.2 | 22.7 | 22.7 | 23.0 | 22.9 |
| 13 | 20.4 | 21.6 | 21.0 | 21.8 | 21.3 | 21.7 | 22.6 | 22.2 | 22.0 | 22.8 | 22.7 | 22.5 | 23.2 | 23.2 | 23.0 |
| 14 | 20.2 | 22.2 | 20.8 | 20.7 | 21.8 | 21.8 | 21.4 | 21.6 | 21.8 | 22.0 | 22.0 | 22.0 | 22.5 | 22.5 | 22.4 |
| 15 | 20.2 | 26.2 | 22.6 | 20.9 | 23.2 | 22.4 | 20.8 | 21.8 | 22.6 | 22.0 | 22.4 | 22.4 | 22.0 | 22.4 | 22.4 |
| 16 | 22.2 | 33.2 | 23.4 | 21.8 | 26.3 | 25.2 | 22.4 | 23.2 | 24.2 | 22.7 | 22.8 | 23.3 | 22.9 | 23.4 | 23.0 |
| 17 | 17.8 | 32.6 | 20.2 | 19.7 | 23.9 | 23.3 | 22.1 | 22.2 | 23.2 | 23.2 | 22.8 | 22.8 | 23.3 | 23.6 | 23.0 |
| 18 | 16.6 | 26.0 | 20.4 | 18.8 | 22.7 | 22.8 | 21.4 | 21.6 | 22.2 | 22.8 | 22.5 | 22.6 | 23.2 | 23.3 | 22.9 |
| 19 | 19.0 | 33.2 | 23.8 | 19.8 | 25.0 | 25.2 | 21.6 | 22.0 | 23.8 | 22.7 | 22.7 | 23.0 | 23.1 | 23.5 | 23.0 |
| 20 | 18.0 | 28.0 | 19.0 | 21.3 | 21.6 | 21.7 | 22.8 | 22.0 | 22.2 | 23.2 | 23.0 | 22.6 | 23.2 | 23.6 | 23.0 |
| 21 | 16.2 | 27.8 | 19.2 | 18.4 | 23.0 | 22.6 | 20.6 | 21.2 | 22.4 | 22.3 | 22.0 | 22.0 | 22.9 | 22.1 | 22.4 |
| 22 | 17.8 | 27.4 | 22.6 | 19.0 | 23.3 | 23.5 | 21.0 | 21.6 | 22.7 | 22.3 | 22.4 | 22.5 | 22.8 | 23.0 | 22.7 |
| 23 | 18.4 | 31.0 | 21.0 | 20.2 | 23.8 | 23.4 | 21.8 | 22.0 | 22.8 | 22.7 | 22.5 | 22.6 | 22.9 | 23.3 | 22.7 |
| 24 | 18.4 | 20.8 | 18.8 | 19.6 | 21.7 | 21.3 | 21.6 | 22.4 | 21.8 | 22.6 | 22.8 | 22.2 | 23.0 | 22.7 | 22.6 |
| 25 | 17.6 | 26.2 | 19.8 | 19.0 | 22.7 | 22.3 | 20.6 | 21.2 | 22.1 | 21.8 | 21.8 | 21.9 | 22.5 | 22.6 | 22.4 |
| 26 | 16.5 | 27.4 | 21.0 | 19.2 | 22.8 | 22.8 | 21.0 | 21.2 | 22.2 | 21.9 | 21.9 | 22.0 | 22.5 | 22.7 | 22.2 |
| 27 | 19.1 | 28.4 | 22.8 | 20.4 | 23.7 | 24.2 | 21.4 | 21.8 | 22.8 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.3 |
| 28 | 19.4 | 29.8 | 22.6 | 20.4 | 24.6 | 23.4 | 21.8 | 22.3 | 22.7 | 22.5 | 22.5 | 22.7 | 22.7 | 23.0 | 22.7 |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 19.3 | 29.0 | 21.9 | 20.6 | 24.0 | 23.7 | 22.1 | 22.5 | 23.2 | 23.0 | 23.0 | 23.0 | 23.4 | 23.5 | 23.2 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | LLUVIA 1.50 m. | LLUVIA 7 m. | LLUVIA 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | EVAPORACIÓN $14^h$ | EVAPORACIÓN $20^h$ | EVAPORACIÓN Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Freatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.1 | 0.0 | - | 2 | 1.7 | 0.5 | 0.8 | 2.1 | | | | | | | |
| 2 | 0.0 | 0.2 | 0.0 | - | 2 | 0.8 | 1.0 | 1.2 | 2.7 | LL. 5 | 12.9 | 13.7 | 17.4 | | | |
| 3 | | | | | 1 | 0.5 | 2.5 | 2.2 | 6.3 | | | | | | | |
| 4 | 5.0 | 7.1 | - | - | 0 | 1.6 | 2.7 | 2.3 | 6.4 | | | | | | | |
| 5 | 2.0 | 2.4 | 2.3 | - | 1 | 1.4 | 1.5 | 1.8 | 3.9 | | | | | | | |
| 6 | | | | | 1 | 0.6 | 1.8 | 1.5 | 3.9 | | | | | | | |
| 7 | 0.7 | 0.9 | 0.7 | - | 0 | 0.6 | 1.8 | 1.7 | 4.3 | | | | | | | |
| 8 | | | | | 0 | 0.8 | 1.6 | 1.8 | 4.1 | | | | | | | |
| 9 | | | | | 0 | 0.7 | 1.9 | 2.1 | 4.4 | | | | | | | |
| 10 | 0.7 | 0.7 | 0.5 | - | 0 | 0.4 | 2.9 | 3.1 | 7.2 | | | | | | | |
| 11 | | | | | 0 | 1.2 | 1.9 | 1.9 | 4.9 | LL. 6 | 10.3 | 17.5 | 18.1 | | | |
| 12 | 0.8 | 1.1 | 0.7 | - | 0 | 1.1 | 1.5 | 1.8 | 4.9 | | | | | | | |
| 13 | | | | | 0 | 1.6 | 1.7 | 2.3 | 4.9 | | | | | | | |
| 14 | 18.9 | 19.9 | 19.4 | - | 0 | 0.9 | 2.1 | 1.7 | 4.3 | | | | | | | |
| 15 | | | | | 2 | 0.5 | 2.2 | 2.1 | 5.2 | | | | | | | |
| 16 | | | | | 1 | 0.9 | 2.7 | 1.4 | 4.5 | LL. 7 | 13.8 | 13.9 | 18.1 | | | |
| 17 | | | | | 0 | 0.4 | 1.3 | 1.7 | 4.4 | | | | | | | |
| 18 | 0.0 | 0.0 | 0.0 | - | 0 | 1.4 | 1.3 | 1.8 | 3.9 | | | | | | | |
| 19 | | | | | 0 | 0.8 | 2.6 | 1.9 | 7.9 | | | | | | | |
| 20 | | | | | 0 | 3.4 | 2.9 | 1.9 | 7.6 | | | | | | | |
| 21 | 0.0 | 0.1 | 0.0 | - | 0 | 2.8 | 1.6 | 0.9 | 4.9 | LL. 8 | 8.0 | 10.0 | 18.9 | 17.9 | 16.3 | |
| 22 | | | | | 0 | 2.4 | 1.9 | 3.1 | 5.7 | | | | | | | |
| 23 | | | | | 0 | 0.7 | 2.8 | 2.4 | 6.7 | | | | | | | |
| 24 | | | | | 0 | 1.5 | 2.5 | 2.1 | 6.0 | | | | | | | |
| 25 | | | | | 0 | 1.4 | 1.5 | 5.0 | 8.2 | | | | | | | |
| 26 | 0.1 | 0.2 | 0.0 | - | 0 | 1.7 | 2.9 | 3.0 | 7.4 | LL. 9 | | | | | | |
| 27 | 13.4 | 13.5 | 12.9 | - | 0 | 1.5 | 0.4 | 0.1 | 0.8 | | | | | | | |
| 28 | | | | | 2 | 0.3 | 0.4 | 0.4 | 1.1 | | | | | | | |
| 29 | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| Prom. | 41.6 | 46.2 | - | - | - | 1.2 | 1.9 | 1.9 | 5.0 | | | | | | | |

| 0.50 m. $8^h$ | 0.50 m. $14^h$ | 0.50 m. $20^h$ | 1 m. $8^h$ | 1 m. $14^h$ | 1 m. $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 24.8 | 24.8 | 24.8 | 21.5 | | 16.8 | Cn. m. t. y n., Tv.Ru.LL.m. |
| - | - | - | 24.7 | 24.7 | 24.7 | 21.5 | | 10.7 | Cn. m. t. y n., Z. t. |
| - | - | - | 24.6 | 24.6 | 24.6 | 21.5 | | 9.7 | Cn. m., Ca. t. y n., r. m., Vx. t. |
| - | - | - | 24.4 | 24.4 | 24.4 | 21.5 | | 14.6 | Cn. m. t. y n., Ru.LL.n. |
| - | - | - | 24.2 | 24.2 | 24.2 | 21.5 | | 14.7 | Cn. m. y t., Ca. n. |
| - | - | - | 24.1 | 24.1 | 24.1 | 21.7 | | 10.9 | Cn. m. t. y n. |
| - | - | - | 24.0 | 24.0 | 24.0 | 21.7 | | 9.0 | Cn. m. y t., Ca. n., r. m., CH. t. |
| - | - | - | 24.0 | 24.0 | 24.1 | 21.8 | | 10.4 | Cn. m. y t., Ca. n., r. m. y n. |
| - | - | - | 23.9 | 23.9 | 23.9 | 21.8 | | 8.3 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 23.7 | 23.8 | 23.8 | 21.8 | | 8.9 | Ca. m. y t., Cn. n., r. m., R.LL. n. |
| - | - | - | 23.6 | 23.6 | 23.6 | 21.7 | | 11.6 | Cn. m. t. y n., r. m., B. t. R. n. |
| - | - | - | 23.6 | 23.6 | 23.6 | 21.7 | | 10.7 | Cn. m. t. y n., Ne. m., LL. t. y n. |
| - | - | - | 23.6 | 23.6 | 23.6 | 21.7 | | 15.8 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.6 | 23.6 | 23.6 | 21.7 | | 16.2 | Cn. m. y n., Ca. t., r. m., Ru.CH. t., Ru.LL.n. |
| - | - | - | 23.4 | 23.4 | 23.4 | 21.7 | | 11.8 | Cn. m. t. y n. |
| - | - | - | 23.4 | 23.4 | 23.4 | 21.7 | | 6.5 | Ca. m., Cn. t. y n., r. m. |
| - | - | - | 23.5 | 23.5 | 23.5 | 21.7 | | 9.7 | Cn. m. y t., Ca. n., r. m., CH. t. |
| - | - | - | 23.3 | 23.3 | 23.3 | 21.7 | | 12.5 | Cn. m. y t., Ca. n., Z. t. |
| - | - | - | 23.3 | 23.3 | 23.3 | 21.7 | | 9.8 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.7 | | 13.9 | Cn. m. y t., Ca. n. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.7 | | 15.7 | Cn. m. t. y n., LL. t. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.7 | | 15.3 | Ca. m. t. y n. |
| - | - | - | 23.0 | 23.1 | 23.1 | 21.7 | | 11.7 | Ca. m. t. y n., r. m. |
| - | - | - | 23.0 | 23.0 | 23.0 | 21.7 | | 10.8 | Ca. m. t. y n., r. m. |
| - | - | - | 23.1 | 23.2 | 23.2 | 21.6 | | 10.3 | Ca. m., Cn. t. y n., r. m., Tv. t. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.7 | | 5.2 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.1 | 23.0 | 23.0 | 21.6 | | 8.7 | Cn. m. t. y n.,LL. m. t. y n. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.6 | | 12.3 | Cn. m. t. y n.,LL. m. |
| - | - | - | 23.6 | 23.6 | 23.6 | 21.7 | - | 11.5 | |

## VALORES medios y absolutos decádicos y mensuales

| DÉCADA | PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO | | | | | | | TEMPERATURA DEL AIRE | | | | | | | | | HELIOFANÍA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Media | Máxima | Día | Hora | Mínima | Día | Hora | Media | Máxima Media | Mínima Media | Máxima Absoluta | Día | Hora | Mínima Absoluta | Día | Hora | Efectiva | Teórica Astronómica | Relativa |
| | mm. mb. | mm. mb. | | | mm. mb. | | | °C | °C | °C | °C | | | °C | | | Horas y Décimos | | % |
| 1ª | 56.4 | 63.4 | 4 | varios | 48.4 | 9 | 4 | 21.0 | 26.6 | 15.3 | 31.3 | 9 | 12-13 | 9.7 | 8 | 6 | 8.0 | 13.5 | 59 |
| 2ª | 55.9 | 62.8 | 17 | 10 | 49.4 | 19 | 17 | 20.0 | 24.3 | 15.2 | 29.4 | 19 | 15,16 | 10.1 | 17 | 6 | 6.3 | 13.2 | 48 |
| 3ª | 58.7 | 64.7 | 21 | 10 | 52.4 | 22 | 20 | 19.3 | 25.5 | 12.7 | 29.7 | 22 | 15 | 9.0 | 21 | 6 | 9.2 | 12.9 | 71 |
| MES | 56.9 | 64.7 | 21 | 10 | 48.4 | 9 | 4 | 20.2 | 25.4 | 14.5 | 31.3 | 9 | 12-13 | 9.0 | 21 | 6 | 7.7 | 13.2 | 59 |

| DÉCADA | HUMEDAD DEL AIRE | | | | | | | | VIENTO | | | | | | | | | | LLUVIA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Humedad Relativa | | | | | Tensión del Vapor | | | | | Veloc. Medias Máximas | | | | | Instantáneas | | | | | | | | |
| | Media | Máxima | Día | Mínima | Día | Media | Máxima | Mínima | Dirección Prevalente | Velocidad Media | Diaria | Día | Horaria | Día | Hora | Velocidad Máxima | Dirección | Día | Hora | Total | Máxima en 24 horas | Día | Máxima en 1 hora | Día | Hora |
| | % | % | | % | | mm. mb. | mm. mb. | mm. mb. | | Km/h | Km/h | | Km/h | | | Km/h | | | | mm. | mm. | | mm. | | |
| 1ª | 74 | 100 | 2 | 34 | 10 | 12.9 | 17.8 | 7.0 | S | 9 | 60 | V | 25 | 7 | 11-12 | 45 | S | 7 | 22.26 | 18.3 | 16.8 | 2 | - | - | - |
| 2ª | 79 | 100 | varios | 30 | 17 | 13.3 | 17.5 | 5.8 | S | 12 | 96 | 13 | 49 | 13 | 13-14 | 69 | E | 13 | 12.54 | 148.9 | 62.5 | 11 | - | - | - |
| 3ª | 74 | 100 | 21,25 | 28 | 21 | 11.7 | 17.7 | 6.6 | N | 17 | 72 | 27 | 34 | 27 | 10-11 | 50 | S | 22 | 21.40 | - | - | - | - | - | - |
| MES | 76 | 100 | varios | 28 | 21 | 12.7 | 17.8 | 5.8 | S | 10 | 96 | 13 | 49 | 13 | 13-14 | 69 | E | 13 | 12.54 | 167.2 | 62.5 | 11 | - | - | - |

## FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

| DÉCADA | FENÓMENOS DE SUPERFICIE | | | | | FENÓMENOS ÓPTICOS | | | | | | CIELO | | TEMPERATURAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rocío | Escarcha | Gemelleda blanda | Gemelleda dura | Suelo cubierto de nieve | Halo solar | Halo lunar | Corona solar | Corona lunar | Arco iris | Espejismo | Despejado | Cubierto | 0° | 25° | 35° |
| 1ª | 6 | - | - | - | - | - | - | - | - | 1 | - | 3 | 1 | - | 7 | - |
| 2ª | 3 | - | - | - | - | - | - | - | - | - | - | 1 | 5 | - | 3 | - |
| 3ª | 7 | - | - | - | - | - | - | - | - | - | - | 3 | 1 | - | 5 | - |
| MES | 16 | - | - | - | - | - | - | - | - | 1 | - | 7 | 7 | - | 15 | - |

MARZO

## POTENCIAL ATMOSFÉRICO en V/M.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 69 | 69 | 48 | 55 | 48 | 76 | 131 | 138 | 76 | 48 | 48 | 41 | 41 | 28 | 69 |
| 2 | 69 | 55 | 62 | 62 | 41 | 55 | 69 | 90 | 90 | 97 | 152 | 97 | 83 | 90 | 97 |
| 3 | 104 | 110 | 69 | 48 | - | - | - | - | 152 | 213 | 172 | 220 | 246 | 172 | 172 |
| 4 | 28 | 28 | 28 | 41 | 28 | 48 | 166 | 186 | 110 | 90 | 83 | 97 | 117 | 145 | 117 |
| 5 | 69 | 41 | 34 | 55 | 41 | 41 | 62 | 55 | 34 | 21 | 41 | 48 | 76 | 83 | 90 |
| 6 | - | - | - | - | - | - | - | - | - 55 | - 90 | - 69 | -104 | - 7 | - 62 | 7 |
| 7 | 48 | 55 | 55 | 48 | 34 | 34 | 62 | 97 | 69 | 41 | 55 | 97 | 104 | 90 | 62 |
| 8 | 83 | 55 | 34 | 41 | 41 | 48 | 83 | 145 | 97 | 76 | 76 | 76 | 83 | 83 | 90 |
| 9 | 55 | 41 | 41 | 28 | 21 | 21 | 28 | 34 | 41 | 48 | 104 | 117 | 76 | 117 | 131 |
| 10 | - ∞ | - 48 | 34 | 41 | 41 | 41 | 48 | 55 | 55 | 41 | 28 | 34 | 41 | 41 | 55 |
| 11 | 83 | - 14 | 21 | 28 | 55 | 83 | 97 | 124 | 55 | 76 | 41 | 62 | 7 | - 76 | -117 |
| 12 | 34 | 41 | 41 | 55 | 69 | 83 | 83 | 104 | 124 | 97 | 83 | 76 | 83 | 62 | 76 |
| 13 | 90 | 76 | 90 | 90 | 83 | 90 | 124 | 172 | 233 | 152 | 69 | 117 | 117 | 152 | - 83 |
| 14 | 69 | 48 | 34 | 41 | 41 | 41 | 55 | 97 | 104 | 117 | 83 | 48 | 34 | 34 | 48 |
| 15 | 124 | 110 | 41 | 83 | 83 | 110 | 166 | 152 | 145 | 131 | 117 | 138 | 138 | 131 | 117 |
| 16 | 41 | 48 | 41 | 34 | 41 | 34 | 34 | 62 | 76 | 83 | 83 | 83 | 76 | 83 | 83 |
| 17 | 76 | 34 | 41 | 28 | 48 | 28 | 41 | 69 | 41 | 55 | 76 | 83 | 55 | 34 | 41 |
| 18 | 62 | 41 | 48 | 48 | 55 | 76 | 97 | 145 | 97 | 83 | 69 | 69 | 62 | 41 | 34 |
| 19 | 62 | 55 | 55 | 55 | 62 | 48 | 69 | 83 | 83 | 97 | 104 | 83 | 90 | 41 | 41 |
| 20 | 69 | 55 | 48 | 34 | 76 | 83 | 117 | 159 | 110 | 83 | 62 | 41 | 69 | 48 | 41 |
| 21 | 97 | 69 | 76 | 62 | 48 | 69 | 83 | 110 | 69 | 69 | 83 | 55 | 48 | 62 | 76 |
| 22 | 7 | 7 | - 14 | - 14 | 7 | 7 | 7 | - 7 | - 34 | -167 | -131 | - 69 | - 62 | - 90 | - 7 |
| 23 | 55 | 34 | 28 | 21 | 14 | 7 | 14 | 21 | 83 | 104 | 90 | 55 | 48 | 48 | 34 |
| 24 | 34 | 41 | 41 | 48 | 28 | 41 | 41 | 34 | 90 | 131 | 166 | 97 | 159 | 159 | 186 |
| 25 | 41 | 34 | 41 | 34 | 28 | 34 | 28 | 28 | 41 | 14 | 34 | 28 | 7 | 28 | 41 |
| 26 | 117 | 76 | 48 | 48 | 76 | 69 | 97 | 124 | 69 | 69 | 62 | 62 | 90 | 83 | 69 |
| 27 | 48 | 55 | 69 | 69 | 117 | 110 | 110 | 131 | 41 | 14 | 34 | 7 | 7 | - 21 | 69 |
| 28 | 104 | 41 | 28 | - | - | 69 | 48 | 34 | - 62 | - 41 | - 41 | 41 | 34 | 7 | - 48 |
| 29 | - | - | - | - | - | - | 34 | 48 | 138 | 104 | 55 | 34 | 34 | 28 | 28 |
| 30 | 55 | 28 | 41 | 48 | 55 | 34 | 76 | 14 | 14 | 83 | 76 | 62 | 62 | 55 | 48 |
| 31 | 41 | 48 | 41 | 55 | 69 | 69 | 76 | 90 | 90 | 83 | 55 | 41 | 7 | 7 | 28 |
| Prom. | 63.9 | 50.9 | 46.7 | 47.2 | 50.5 | 56.1 | 82.3 | 109.5 | 96.1 | 88.4 | 88.0 | 79.1 | 82.3 | 80.0 | 69.3 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | 1.07 | 1.07 | 2.14 | 1.00 | 831 | 510 | 1341 | 1.63 | 0.90 | 1.47 |
| 2 | 1.15 | 1.10 | 2.25 | 1.04 | 872 | 538 | 1410 | 1.61 | 0.92 | 1.43 |
| 3 | 0.61 | 0.60 | 1.21 | 1.02 | 344 | 231 | 575 | 1.49 | 1.24 | 1.82 |
| 4 | 0.89 | 0.86 | 1.75 | 1.04 | 620 | 348 | 968 | 1.78 | 1.00 | 1.72 |
| 5 | 1.44 | 1.39 | 2.83 | 1.04 | 845 | 588 | 1433 | 1.44 | 1.19 | 1.65 |
| 6 | 1.33 | 1.56 | 2.89 | 0.86 | 877 | 707 | 1584 | 1.24 | 1.06 | 1.54 |
| 7 | 0.98 | 0.98 | 1.96 | 1.00 | 747 | 463 | 1210 | 1.61 | 0.92 | 1.48 |
| 8 | 0.97 | 0.94 | 1.91 | 1.03 | 756 | 463 | 1219 | 1.63 | 0.90 | 1.42 |
| 9 | 1.26 | 1.34 | 2.60 | 0.94 | 947 | 646 | 1593 | 1.46 | 0.93 | 1.45 |
| 10 | - | - | - | - | 829 | 621 | 1450 | 1.34 | - | - |
| 11 | - | - | - | - | 925 | 521 | 1446 | 1.77 | - | - |
| 12 | 1.12 | 1.01 | 2.13 | 1.11 | 871 | 504 | 1375 | 1.73 | 0.90 | 1.40 |
| 13 | 0.85 | 0.82 | 1.67 | 1.04 | 412 | 203 | 615 | 2002 | 1.44 | 2.82 |
| 14 | 0.94 | 0.92 | 1.86 | 1.02 | 522 | 292 | 814 | 1.78 | 1.26 | 2.20 |
| 15 | 0.77 | 0.77 | 1.54 | 1.00 | 583 | 405 | 988 | 1.44 | 0.93 | 1.33 |
| 16 | 1.13 | 1.11 | 2.24 | 1.02 | 796 | 507 | 1303 | 1.57 | 0.99 | 1.53 |
| 17 | 1.01 | 1.06 | 2.07 | 0.95 | 922 | 593 | 1515 | 1.54 | 0.76 | 1.25 |
| 18 | 0.90 | 0.87 | 1.77 | 1.03 | 694 | 406 | 1100 | 1.71 | 0.91 | 1.49 |
| 19 | 0.99 | 0.97 | 1.96 | 1.02 | 749 | 424 | 1173 | 1.77 | 0.93 | 1.60 |
| 20 | 1.13 | 1.08 | 2.21 | 1.05 | 881 | 506 | 1387 | 1.74 | 0.90 | 1.49 |
| 21 | 1.07 | 1.04 | 2.11 | 1.03 | 903 | 522 | 1425 | 1.73 | 0.83 | 1.39 |
| 22 | 1.02 | 1.05 | 2.07 | 0.97 | 837 | 601 | 1438 | 1.39 | 0.85 | 1.22 |
| 23 | 0.89 | 0.87 | 1.76 | 1.02 | 731 | 369 | 1100 | 1.98 | 0.85 | 1.65 |
| 24 | 0.83 | 0.79 | 1.62 | 1.05 | 673 | 415 | 1088 | 1.62 | 0.86 | 1.33 |
| 25 | 1.02 | 0.99 | 2.01 | 1.03 | 761 | 555 | 1316 | 1.37 | 0.94 | 1.25 |
| 26 | 0.99 | 0.94 | 1.93 | 1.05 | 623 | 571 | 1194 | 1.09 | 1.11 | 1.15 |
| 27 | 0.96 | 0.92 | 1.88 | 1.04 | 674 | 546 | 1220 | 1.23 | 1.00 | 1.17 |
| 28 | 0.54 | 0.51 | 1.05 | 1.06 | 441 | 384 | 825 | 1.15 | 0.85 | 0.93 |
| 29 | 1.05 | 1.02 | 2.07 | 1.03 | 689 | 518 | 1207 | 1.33 | 1.07 | 1.38 |
| 30 | 1.46 | 1.51 | 2.97 | 0.97 | 768 | 622 | 1390 | 1.23 | 1.33 | 1.70 |
| 31 | 1.22 | 1.26 | 2.48 | 0.97 | 1086 | 764 | 1850 | 1.42 | 0.79 | 1.15 |
| Prom. | 1.00 | 0.98 | 1.98 | 1.02 | 748 | 496 | 1244 | 1.51 | 0.93 | 1.38 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 69 | 76 | 97 | 172 | 186 | 172 | 83 | 69 | 83.0 | 246 | - 28 | 274 | 1 |
| 104 | 104 | 69 | 259 | 193 | 117 | 110 | 145 | 110 | 100.8 | 426 | 00 | 426 | 0 |
| 233 | 272 | 239 | 207 | 193 | 159 | 145 | 124 | 62 | - | 350 | 14 | 336 | 0 |
| 131 | 166 | 193 | 246 | 226 | 193 | 152 | 145 | 104 | 119.5 | 322 | 7 | 315 | 0 |
| - ∞ | 83 | 97 | 90 | 104 | 207 | 138 | 69 | 28 | - | 756 | - ∞ | - | 3 |
| - 14 | - | - | - | - | - | 28 | 41 | 41 | - | 62 | -195 | 257 | 2 |
| 55 | 90 | 145 | 213 | 213 | 138 | 131 | 97 | 62 | - | 246 | - 41 | 287 | 2 |
| 117 | 138 | 159 | 186 | 145 | 76 | 76 | 62 | 124 | 91.4 | 220 | - 14 | 234 | 1 |
| 145 | 207 | 207 | 213 | 207 | 220 | 207 | 172 | 97 | 107.4 | 239 | - 97 | 336 | 1 |
| - ∞ | - ∞ | 186 | - ∞ | ± ∞ | ± ∞ | ∞ | 48 | 97 | - | ∞ | - ∞ | - | 3 |
| - 62 | - 7 | 28 | 41 | 48 | 48 | 48 | 48 | 48 | - | 213 | -195 | 408 | 2 |
| 55 | 76 | 62 | 55 | 83 | 48 | 55 | 76 | 62 | 70.1 | 179 | 00 | 179 | 0 |
| 131 | 90 | 62 | 159 | 124 | 76 | 34 | 90 | 131 | 102.9 | 297 | -224 | 521 | 1 |
| 117 | 69 | 90 | 131 | 159 | 117 | 104 | 110 | 117 | 79.5 | 207 | 00 | 207 | 0 |
| 166 | 166 | 186 | 124 | 90 | 104 | - | - | 28 | - | 233 | 14 | 219 | 0 |
| 131 | 117 | 97 | 83 | 138 | 117 | 90 | 90 | 83 | 77.0 | 200 | - 7 | 207 | 1 |
| 41 | 55 | 41 | 90 | 124 | 97 | 69 | 55 | 69 | 58.0 | 179 | -159 | 338 | 1 |
| 62 | 62 | 90 | 145 | 179 | 124 | 76 | 62 | 62 | 78.7 | 278 | -110 | 388 | 1 |
| 76 | 76 | 104 | 131 | 172 | 117 | 97 | 83 | 76 | 81.7 | 213 | 21 | 234 | 1 |
| 69 | 62 | 83 | 117 | 166 | 159 | 152 | 124 | 131 | 89.9 | 220 | - 41 | 261 | 1 |
| 48 | 41 | 62 | 117 | 110 | 104 | 14 | 41 | 41 | - | 207 | - 48 | 255 | 2 |
| - 21 | - 7 | 21 | 62 | 117 | 76 | 69 | 62 | 62 | - | 207 | -275 | 482 | 2 |
| 34 | 76 | 55 | 76 | 110 | 124 | 97 | 83 | 41 | - | 193 | - 41 | 234 | 2 |
| 179 | 166 | 166 | 213 | 145 | 69 | 90 | 90 | 55 | 102.8 | 310 | - 28 | 338 | 1 |
| 104 | 131 | 179 | 159 | 90 | 69 | 48 | 48 | 55 | - | 233 | - 55 | 288 | 2 |
| 110 | 69 | 145 | 159 | 207 | 193 | 138 | 76 | 55 | 96.3 | 272 | -138 | 410 | 1 |
| 83 | 97 | 117 | ∞ | ∞ | 48 | 69 | 55 | 48 | - | ∞ | -832 | - | 3 |
| - 55 | 159 | 233 | 207 | 152 | 145 | 34 | 34 | 21 | - | 414 | -470 | 884 | 2 |
| 28 | 28 | 28 | 21 | 21 | 14 | 28 | 41 | 41 | - | 200 | - 7 | 207 | 1 |
| 41 | 41 | 34 | 41 | 48 | 41 | 41 | 41 | 41 | - | 782 | -555 | 1337 | 2 |
| 34 | 55 | 69 | - | - | - | - | - | - | - | 117 | -210 | 327 | 1 |
| 103.4 | 101.7 | 109.6 | 152.3 | 162.7 | 127.3 | 108.1 | 97.5 | 89.7 | 89.3 | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "i" . $10^{-7}$ U.E.S. | NÚCLEOS AITKEN |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | por cm² | por cm³ |
| 6916 | 8588 | 15504 | 0.81 | 5.93 | - |
| 7181 | 8713 | 15894 | 0.83 | 7.52 | - |
| 15059 | 15886 | 30945 | 0.94 | - | - |
| 8597 | 10120 | 18717 | 0.86 | 6.98 | - |
| 6509 | 8263 | 14772 | 0.79 | - | - |
| 4073 | 5012 | 9085 | 0.81 | - | - |
| 8189 | 9726 | 17915 | 0.84 | - | - |
| 11254 | 13421 | 24675 | 0.84 | 5.82 | - |
| 8935 | 9462 | 18397 | 0.94 | 9.32 | - |
| 4843 | 5293 | 10136 | 0.91 | - | - |
| 3884 | 4638 | 8522 | 0.84 | - | - |
| 6322 | 1880 | 14202 | 0.80 | 4.98 | - |
| 12113 | 14344 | 26457 | 0.85 | 5.72 | - |
| 10584 | 11291 | 21875 | 0.94 | 4.95 | - |
| 10473 | 11358 | 21831 | 0.93 | - | - |
| 9406 | 9908 | 19314 | 0.95 | 5.74 | - |
| 7777 | 7999 | 15776 | 0.97 | 4.00 | - |
| 9828 | 10345 | 20173 | 0.95 | 4.64 | - |
| 9041 | 9569 | 18610 | 0.94 | 5.34 | - |
| 9012 | 9614 | 18626 | 0.94 | 6.62 | - |
| 8450 | 10166 | 18616 | 0.83 | - | 21,750 |
| 7778 | 9338 | 17116 | 0.83 | - | - |
| 10651 | 12528 | 23179 | 0.85 | - | 18,750 |
| 14873 | 17225 | 32098 | 0.86 | 5.56 | 25,500 |
| 10545 | 12191 | 22736 | 0.87 | - | 31,250 |
| 10950 | 11123 | 22073 | 0.98 | 6.20 | 55,250 |
| 8057 | 8127 | 16184 | 1.00 | - | 31,000 |
| 15531 | 15431 | 30962 | 1.00 | - | - |
| 8119 | 8487 | 16606 | 0.86 | - | - |
| 7619 | 8443 | 16062 | 0.90 | - | - |
| 6587 | 7731 | 14318 | 0.85 | - | 13,750 |
| 9092 | 10174 | 19266 | 0.89 | 5.95 | 28,178 |

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

| Días \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.12 | 1.34 | 1.50 | 1.40 | 1.24 | 1.09 | 0.92 | 0.97 | 1.10 | 1.17 | 1.10 | 1.08 |
| 2 | 1.44 | 1.57 | 1.62 | 1.90 | 1.82 | 1.29 | 1.07 | 0.96 | 1.29 | 1.30 | 1.10 | 1.08 |
| 3 | 0.58 | 0.55 | 0.62 | 0.71 | 0.58 | 0.60 | 0.74 | 0.69 | 0.49 | 0.54 | 0.88 | 0.71 |
| 4 | 0.50 | 0.63 | 0.62 | 0.59 | 0.69 | 0.72 | 0.85 | 0.77 | 0.83 | 1.32 | 1.31 | 1.13 |
| 5 | 1.14 | 1.61 | 1.76 | 1.78 | 1.80 | 1.80 | 1.60 | 1.32 | 1.47 | 1.32 | 1.29 | 1.38 |
| 6 | - | - | - | 0.79 | 1.08 | 1.11 | 0.81 | 1.38 | 1.58 | 1.81 | 0.82 | 1.30 |
| 7 | 1.52 | 1.58 | 1.72 | 1.44 | 1.35 | 1.35 | 1.25 | 1.15 | 1.05 | 0.76 | 0.95 | 0.76 |
| 8 | 0.70 | 0.66 | 0.77 | 0.82 | 0.90 | 0.82 | 0.78 | 0.96 | 1.43 | 1.34 | 1.30 | 1.26 |
| 9 | 1.52 | 1.72 | 1.72 | 1.71 | 1.64 | 1.55 | 1.65 | 1.71 | 1.61 | 1.33 | 1.17 | 0.91 |
| 10 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | - | - | - | - | - | - | - | - | - | — | - | - |
| 12 | - | - | - | - | - | - | - | - | - | - | - | 0.84 |
| 13 | 1.13 | 0.94 | 1.00 | 1.00 | 1.19 | 1.17 | 1.27 | 1.03 | 0.84 | 0.66 | 0.83 | 0.88 |
| 14 | 0.96 | 1.10 | 1.08 | 1.07 | 1.38 | 1.18 | 1.10 | 1.08 | 0.90 | 0.75 | 0.86 | 0.75 |
| 15 | 0.74 | 0.62 | 0.55 | 0.65 | 0.52 | 0.51 | 0.60 | 0.59 | 1.21 | 0.94 | 0.91 | 0.87 |
| 16 | 1.67 | 1.58 | 1.58 | 1.44 | 1.46 | 1.56 | 1.31 | 1.12 | 1.18 | 1.24 | 1.12 | 0.93 |
| 17 | - | - | - | - | - | - | - | 0.99 | 0.94 | 1.06 | 1.10 | 1.10 |
| 18 | 0.54 | 0.48 | 0.83 | 0.87 | 0.96 | 1.23 | 1.32 | 1.33 | 1.22 | 1.09 | 1.12 | 0.95 |
| 19 | 0.99 | 1.07 | 1.00 | 0.97 | 1.54 | 1.42 | 1.44 | 1.31 | 1.01 | 0.98 | 0.82 | 0.85 |
| 20 | 0.71 | 0.91 | 1.53 | 1.71 | 1.05 | 1.26 | 1.10 | 1.50 | 1.34 | 1.15 | 1.22 | 1.30 |
| 21 | 0.52 | 0.89 | 1.61 | 1.55 | 1.59 | 1.35 | 1.26 | 0.94 | 1.13 | 1.09 | 1.01 | 0.91 |
| 22 | 1.38 | 1.75 | 1.55 | 1.64 | 1.28 | 1.09 | 0.97 | 1.09 | 0.95 | 0.81 | 0.92 | 0.89 |
| 23 | 1.01 | 1.16 | 1.11 | 1.39 | 1.35 | 1.22 | 1.00 | 0.99 | 0.93 | 0.85 | 0.70 | 0.66 |
| 24 | 0.74 | 0.83 | 0.88 | 0.97 | 0.89 | 0.98 | 0.87 | 1.11 | 0.91 | 1.07 | 0.85 | 0.80 |
| 25 | 1.47 | 1.59 | 1.46 | 1.65 | 1.54 | 1.41 | 1.48 | 1.45 | 1.19 | 1.12 | 1.05 | 0.89 |
| 26 | 0.42 | 0.71 | 1.46 | 1.76 | 1.35 | 1.37 | 1.17 | 1.01 | 1.02 | 1.14 | 1.26 | 1.18 |
| 27 | 0.97 | 0.79 | 0.64 | 0.70 | 0.53 | 0.52 | 0.48 | 0.57 | 0.79 | 1.39 | 1.45 | 1.35 |
| 28 | 1.01 | 1.07 | 0.86 | 0.54 | 0.50 | 0.49 | 0.44 | 0.48 | 0.60 | 0.63 | 0.36 | 0.54 |
| 29 | 0.49 | 0.41 | 0.63 | 0.80 | 1.36 | 1.26 | 1.32 | 0.82 | 0.99 | 1.21 | 1.25 | 1.28 |
| 30 | 1.33 | 1.38 | 1.40 | 1.42 | 1.47 | 1.82 | 1.58 | 1.28 | - | - | - | - |
| 31 | - | - | - | - | - | - | - | 1.11 | 1.28 | 1.22 | 1.18 | 1.18 |
| Promedio | 0.98 | 1.07 | 1.18 | 1.20 | 1.19 | 1.16 | 1.09 | 1.06 | 1.08 | 1.08 | 1.03 | 0.99 |

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

| Días \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.27 | 1.15 | 1.50 | 1.29 | 1.24 | 1.12 | 0.89 | 1.01 | 1.09 | 1.22 | 1.07 | 1.15 |
| 2 | 1.37 | 1.46 | 1.63 | 1.95 | 1.68 | 0.98 | 0.96 | 1.04 | 1.54 | 1.31 | 0.92 | 1.22 |
| 3 | 0.55 | 0.53 | 0.65 | 0.57 | 0.53 | 0.69 | 0.77 | 0.56 | 0.47 | 0.80 | 0.81 | 0.65 |
| 4 | 0.51 | 0.59 | 0.59 | 0.55 | 0.64 | 0.59 | 0.75 | 0.83 | 0.99 | 1.45 | 1.15 | 1.17 |
| 5 | 1.14 | 1.50 | 1.73 | 1.71 | 1.63 | 1.78 | 1.56 | 1.50 | 1.58 | 1.39 | 1.29 | 1.39 |
| 6 | - | - | - | 1.12 | 1.24 | 1.27 | 1.01 | 1.60 | 2.02 | 1.71 | 1.38 | - |
| 7 | 1.53 | 1.55 | 1.63 | 1.40 | 1.27 | 1.29 | 1.22 | 1.12 | 1.12 | 0.89 | 0.96 | 0.83 |
| 8 | 0.70 | 0.59 | 0.73 | 0.85 | 0.81 | 0.74 | 0.91 | 1.12 | 1.27 | 1.40 | 1.32 | 1.40 |
| 9 | 1.57 | 1.69 | 1.69 | 1.69 | 1.57 | 1.62 | 1.72 | 1.76 | 1.66 | 1.47 | 1.08 | 0.94 |
| 10 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | - | - | - | - | 1.00 |
| 13 | 0.96 | 0.88 | 0.89 | 1.01 | 1.17 | 1.14 | 1.25 | 0.99 | 0.78 | 0.52 | 0.91 | 0.84 |
| 14 | 1.10 | 1.05 | 1.09 | 1.17 | 1.27 | 1.07 | 0.87 | 1.15 | 0.86 | 0.71 | 0.79 | 0.76 |
| 15 | 0.69 | 0.56 | 0.53 | 0.60 | 0.49 | 0.47 | 0.53 | 0.56 | 1.17 | 0.91 | 0.89 | 0.87 |
| 16 | 1.77 | 1.50 | 1.60 | 1.55 | 1.32 | 1.46 | 1.01 | 0.92 | 1.32 | 1.07 | 1.07 | 0.88 |
| 17 | - | - | - | - | - | - | - | 1.05 | 1.10 | 1.40 | 1.37 | 1.19 |
| 18 | 0.44 | 0.44 | 0.56 | 0.72 | 1.00 | 1.29 | 1.25 | 1.27 | 1.37 | 1.25 | 1.07 | 1.02 |
| 19 | 0.98 | 1.01 | 0.83 | 1.11 | 1.60 | 1.45 | 1.39 | 1.24 | 1.04 | 0.88 | 0.84 | 0.84 |
| 20 | 0.49 | 1.03 | 1.41 | 1.43 | 1.07 | 0.95 | 1.14 | 1.44 | 1.32 | 1.09 | 1.39 | 1.40 |
| 21 | 0.40 | 1.12 | 1.27 | 1.55 | 1.47 | 1.19 | 1.12 | 1.19 | 1.12 | 1.02 | 1.05 | 0.88 |
| 22 | 1.50 | 1.83 | 1.66 | 1.50 | 1.45 | 1.02 | 1.00 | 1.07 | 1.00 | 1.02 | 1.05 | 1.00 |
| 23 | 0.89 | 1.14 | 1.05 | 1.33 | 1.49 | 1.16 | 0.98 | 0.97 | 0.91 | 0.81 | 0.72 | 0.65 |
| 24 | 0.78 | 0.63 | 0.66 | 0.80 | 0.88 | 0.74 | 0.98 | 1.12 | 1.24 | 0.98 | 0.79 | 0.85 |
| 25 | 1.39 | 1.55 | 1.45 | 1.60 | 1.52 | 1.22 | 1.49 | 1.34 | 1.17 | 1.24 | 1.04 | 0.92 |
| 26 | 0.44 | 0.72 | 1.35 | 1.52 | 1.37 | 1.27 | 1.20 | 1.00 | 1.07 | 1.09 | 1.20 | 0.96 |
| 27 | 0.81 | 0.72 | 0.60 | 0.63 | 0.40 | 0.42 | 0.40 | 0.53 | 0.86 | 1.60 | 1.60 | 1.40 |
| 28 | 0.88 | 0.85 | 0.64 | 0.38 | 0.38 | 0.34 | 0.36 | 0.32 | 1.39 | 0.65 | 0.46 | 0.58 |
| 29 | 0.46 | 0.42 | 0.71 | 0.86 | 1.15 | 0.96 | 0.96 | 0.60 | 1.14 | 1.41 | 1.36 | 1.31 |
| 30 | 1.25 | 1.52 | 1.45 | 1.42 | 1.38 | 1.67 | 1.49 | 1.86 | - | - | - | - |
| 31 | - | - | - | - | - | - | - | 1.20 | 1.36 | 1.22 | 1.24 | 1.29 |
| Promedio | 0.95 | 1.04 | 1.07 | 1.16 | 1.15 | 1.07 | 1.05 | 1.08 | 1.18 | 1.13 | 1.06 | 1.01 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.10 | 1.19 | 1.29 | 1.06 | 1.15 | 1.04 | 0.81 | 0.97 | 0.58 | 0.54 | 0.65 | 1.36 | 1.07 |
| 1.32 | 1.29 | 1.40 | 1.20 | 1.21 | 1.05 | 0.72 | 1.07 | 0.33 | 0.38 | 0.60 | 0.53 | 1.15 |
| 0.57 | 0.60 | 0.65 | 0.65 | 0.62 | 0.63 | 0.92 | 0.72 | 0.39 | 0.41 | 0.46 | 0.45 | 0.61 |
| 1.12 | 1.06 | 1.04 | 1.01 | 0.74 | 0.95 | 0.90 | 0.71 | 0.94 | 1.14 | 0.96 | 0.89 | 0.89 |
| 1.32 | 1.36 | 1.14 | 1.34 | 1.37 | 1.51 | 1.03 | - | - | - | - | - | 1.44 |
| 1.56 | 1.38 | 1.45 | 1.47 | 1.38 | 1.45 | 1.36 | 1.46 | 1.21 | 1.56 | 1.56 | 1.49 | 1.33 |
| 0.76 | 0.72 | 0.72 | 0.67 | 0.81 | 0.68 | 0.77 | 0.76 | 0.71 | 0.69 | 0.72 | 0.81 | 0.98 |
| 1.17 | 1.03 | 1.12 | 0.97 | 0.82 | 0.79 | 1.62 | 0.31 | 0.50 | 0.58 | 1.07 | 1.72 | 0.97 |
| 0.97 | 1.01 | 0.97 | 0.98 | 0.73 | 0.66 | 0.46 | - | - | - | - | - | 1.26 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 0.98 | 1.10 | 0.91 | 1.20 | 1.11 | 1.39 | 1.25 | 1.25 | 1.18 | 1.17 | 1.10 | 1.12 |
| 0.86 | 0.82 | 0.66 | 0.97 | 0.69 | 0.91 | 0.62 | 0.57 | 0.51 | 0.51 | 0.62 | 0.66 | 0.85 |
| 0.79 | 0.76 | 0.79 | 0.80 | 0.76 | 0.87 | 0.87 | 0.83 | 0.88 | 0.88 | 1.09 | 1.05 | 0.94 |
| 0.83 | 0.90 | 0.96 | 0.80 | 0.68 | 0.61 | 0.76 | 1.07 | 0.57 | 0.50 | 0.66 | 1.54 | 0.77 |
| 0.76 | 0.84 | 0.87 | 0.84 | 0.94 | 0.74 | 0.75 | 0.70 | - | - | - | - | 1.13 |
| 1.27 | 1.26 | 1.39 | 1.27 | 1.18 | 1.11 | 0.77 | 1.12 | 0.63 | 0.72 | 0.57 | 0.64 | 1.01. |
| 0.92 | 0.77 | 0.80 | 0.82 | 0.94 | 0.82 | 0.66 | 0.55 | 0.58 | 0.75 | 1.01 | 1.13 | 0.90 |
| 1.02 | 1.14 | 1.10 | 0.85 | 0.90 | 0.78 | 0.79 | 0.51 | 0.66 | 1.04 | 1.02 | 0.70 | 0.99 |
| 1.42 | 1.17 | 1.43 | 1.31 | 1.15 | 0.80 | 0.88 | 1.03 | 0.72 | 1.03 | 0.93 | 0.54 | 1.13 |
| 0.73 | 0.65 | 0.97 | 1.13 | 0.94 | 0.82 | 0.73 | 0.79 | 0.96 | 1.63 | 1.33 | 1.28 | 1.07 |
| 0.77 | 0.73 | 0.98 | 0.86 | 0.88 | 0.78 | 0.84 | 0.83 | 0.81 | 0.86 | 0.81 | 0.89 | 1.02 |
| 0.67 | 0.69 | 0.78 | 0.79 | 0.79 | 0.74 | 0.84 | 0.78 | 0.67 | 0.74 | 0.81 | 0.76 | 0.89 |
| 0.81 | 0.73 | 0.74 | 0.71 | 0.82 | 0.71 | 0.65 | 0.54 | 0.75 | 0.70 | 0.82 | 1.12 | 0.83 |
| 0.83 | 0.86 | 0.84 | 0.87 | 0.67 | 0.65 | 0.49 | 0.82 | 0.89 | 0.44 | 0.41 | 0.42 | 1.02 |
| 0.89 | 1.04 | 1.01 | 0.78 | 0.63 | 0.71 | 0.68 | 0.54 | 0.67 | 0.78 | 0.92 | 1.41 | 0.99 |
| 1.26 | 1.33 | 1.33 | 1.26 | 1.29 | 1.40 | 0.95 | 0.45 | 0.76 | 0.77 | 1.09 | 1.09 | 0.96 |
| 0.58 | 0.43 | 0.49 | 0.44 | 0.41 | 0.43 | 0.38 | 0.37 | 0.38 | 0.66 | 0.41 | 0.47 | 0.54 |
| 1.40 | 1.30 | 1.29 | 1.14 | 1.21 | 0.90 | 0.96 | 1.12 | 0.74 | 0.69 | 1.39 | 1.18 | 1.05 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.46 |
| 1.24 | 1.06 | 1.24 | 1.29 | 1.30 | 0.81 | 1.35 | 1.21 | 1.26 | 1.32 | 1.27 | 1.39 | 1.22 |
| 0.99 | 0.97 | 1.02 | 0.97 | 0.94 | 0.87 | 0.85 | 0.81 | 0.73 | 0.82 | 0.89 | 0.98 | 1.00 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.22 | 1.36 | 1.30 | 1.07 | 1.11 | 0.96 | 0.61 | 0.71 | 0.42 | 0.64 | 0.91 | 1.32 | 1.07 |
| 1.30 | 1.40 | 1.30 | 1.20 | 1.10 | 1.05 | 0.62 | 0.60 | 0.44 | 0.39 | 0.53 | 0.51 | 1.10 |
| 0.57 | 0.64 | 0.64 | 0.64 | 0.57 | 0.64 | 1.01 | 0.59 | 0.37 | 0.39 | 0.42 | 0.44 | 0.60 |
| 0.89 | 0.94 | 0.96 | 0.89 | 0.85 | 0.89 | 0.79 | 0.63 | 1.07 | 1.28 | 0.97 | 0.69 | 0.86 |
| 1.37 | 1.17 | 1.22 | 1.30 | 1.28 | 1.06 | 0.87 | - | - | - | - | - | 1.39 |
| 1.66 | 1.79 | 1.79 | 1.81 | 1.39 | 1.73 | 1.69 | 1.85 | 1.45 | 1.71 | 1.55 | 1.53 | 1.56 |
| 0.82 | 0.74 | 0.77 | 0.76 | 0.77 | 0.70 | 0.81 | 0.69 | 0.65 | 0.63 | 0.72 | 0.70 | 0.98 |
| 1.22 | 1.07 | 0.98 | 0.96 | 0.87 | 0.80 | 0.65 | 0.42 | 0.65 | 0.69 | 1.07 | 1.45 | 0.94 |
| 0.92 | 1.05 | 1.05 | 1.08 | 0.74 | 0.72 | 1.53 | - | - | - | - | - | 1.34 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | 0.94 | 0.99 | 0.84 | 1.02 | 0.91 | 1.10 | 1.10 | 1.01 | 1.13 | 1.05 | 1.07 | 1.01 |
| 0.75 | 0.68 | 0.73 | 0.86 | 0.73 | 0.73 | 0.88 | 0.49 | 0.46 | 0.54 | 0.58 | 0.86 | 0.82 |
| 0.79 | 0.79 | 0.75 | 0.79 | 0.80 | 0.82 | 0.80 | 0.89 | 0.88 | 0.91 | 1.07 | 0.99 | 0.92 |
| 0.84 | 0.88 | 0.96 | 0.81 | 0.69 | 0.60 | 0.85 | 0.99 | 0.51 | 0.46 | 0.96 | 1.81 | 0.77 |
| 0.86 | 0.82 | 0.95 | 0.86 | 0.91 | 0.68 | 0.75 | 0.81 | - | - | - | - | 1.11 |
| 1.37 | 1.44 | 1.37 | 1.37 | 1.50 | 1.12 | 0.74 | 0.95 | 0.60 | 0.53 | 0.51 | 0.49 | 1.06 |
| 0.90 | 0.82 | 0.81 | 0.84 | 0.96 | 0.75 | 0.54 | 0.47 | 0.54 | 0.68 | 1.02 | 0.94 | 0.87 |
| 0.97 | 1.17 | 1.07 | 0.87 | 0.79 | 0.63 | 0.76 | 0.46 | 0.65 | 1.10 | 0.86 | 0.78 | 0.97 |
| 1.32 | 1.25 | 1.32 | 1.27 | 1.14 | 0.83 | 0.80 | 0.97 | 0.93 | 1.03 | 0.68 | 0.41 | 1.08 |
| 0.72 | 0.63 | 0.92 | 1.20 | 1.19 | 0.83 | 0.62 | 0.62 | 1.07 | 1.37 | 1.11 | 1.29 | 1.04 |
| 0.89 | 0.95 | 1.02 | 0.96 | 0.92 | 0.95 | 0.60 | 0.68 | 0.82 | 0.77 | 0.79 | 0.82 | 1.05 |
| 0.70 | 0.72 | 0.84 | 0.73 | 0.79 | 0.73 | 0.72 | 0.75 | 0.61 | 0.70 | 0.79 | 0.75 | 0.87 |
| 0.79 | 0.76 | 0.72 | 0.65 | 0.79 | 0.72 | 0.58 | 0.53 | 0.63 | 0.70 | 0.72 | 1.05 | 0.79 |
| 0.93 | 0.86 | 0.84 | 0.79 | 0.65 | 0.60 | 0.49 | 0.94 | 0.71 | 0.40 | 0.40 | 0.40 | 0.99 |
| 0.85 | 1.02 | 0.93 | 0.70 | 0.62 | 0.67 | 0.67 | 0.49 | 0.63 | 0.70 | 1.02 | 1.10 | 0.94 |
| 1.29 | 1.37 | 1.24 | 1.22 | 1.22 | 1.30 | 0.79 | 0.67 | 0.62 | 0.76 | 0.72 | 0.90 | 0.92 |
| 0.43 | 0.42 | 0.40 | 0.40 | 0.33 | 0.33 | 0.32 | 0.32 | 0.33 | 0.86 | 0.40 | 0.44 | 0.51 |
| 1.38 | 1.44 | 1.15 | 1.10 | 1.20 | 0.87 | 0.98 | 0.81 | 0.73 | 0.90 | 1.36 | 1.15 | 1.02 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.51 |
| 1.29 | 1.22 | 1.29 | 1.37 | 1.24 | 1.02 | 1.24 | 1.15 | 1.25 | 1.26 | 1.36 | 1.52 | 1.26 |
| 1.00 | 1.01 | 1.01 | 0.97 | 0.93 | 0.84 | 0.81 | 0.75 | 0.72 | 0.82 | 0.86 | 0.94 | 0.98 |

## IONES LIVIANOS POSITIVOS "n+" por cm³

| días \ horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 707 | 756 | 1194 | 1115 | 1194 | 909 | 707 | 948 | 1115 | 1115 | 955 | 782 |
| 2 | 1075 | 1035 | 1115 | 1275 | 1071 | 782 | 707 | 782 | 955 | 1035 | 1035 | 1075 |
| 3 | 434 | 434 | 434 | 434 | 347 | 390 | 434 | 347 | 347 | 260 | 260 | 260 |
| 4 | 347 | 434 | 434 | 521 | 521 | 608 | 868 | 782 | 991 | 1115 | 1035 | 905 |
| 5 | 906 | 1275 | 1354 | 1234 | 1115 | 1194 | 868 | 868 | 868 | 868 | 955 | 1035 |
| 6 | 521 | 434 | 483 | 477 | 868 | 868 | 868 | 955 | 955 | 782 | 614 | 1235 |
| 7 | 955 | 1075 | 1115 | 955 | 868 | 868 | 868 | 868 | 1115 | 955 | 707 | 782 |
| 8 | 347 | 347 | 347 | 434 | 521 | 477 | 521 | 950 | 1594 | 1715 | 1315 | 1275 |
| 9 | 1275 | 1435 | 1235 | 1315 | 1194 | 1275 | 1145 | 1354 | 1515 | 1354 | 1194 | 868 |
| 10 | 948 | 1075 | 1115 | 1275 | 1194 | 1115 | 995 | 868 | 782 | 782 | 782 | 868 |
| 11 | 434 | 521 | 782 | 868 | 1035 | 1035 | 1035 | 1115 | 1035 | 1035 | 1035 | 1035 |
| 12 | 707 | 868 | 868 | 1035 | 1115 | 868 | 1155 | 868 | 1354 | 1275 | 782 | - |
| 13 | 434 | 434 | 521 | 521 | 608 | 608 | 521 | 434 | 434 | 347 | 347 | 260 |
| 14 | 347 | 434 | 347 | 521 | 782 | 782 | 707 | 745 | 868 | 521 | 434 | 434 |
| 15 | 347 | 347 | 347 | 434 | 434 | 434 | 608 | 911 | 1115 | 868 | 782 | 707 |
| 16 | 1395 | 1275 | 1115 | 782 | 868 | 1155 | 868 | 868 | 995 | 1115 | 782 | 707 |
| 17 | 434 | 477 | 782 | 1354 | 1275 | 1115 | 1035 | 1035 | 1235 | 1354 | 1115 | 1115 |
| 18 | 434 | 434 | 521 | 707 | 955 | 775 | 782 | 995 | 1035 | 1275 | 1275 | 868 |
| 19 | 608 | 608 | 521 | 871 | 868 | 868 | 782 | 739 | 1035 | 1035 | 868 | 782 |
| 20 | 521 | 782 | 995 | 1035 | 868 | 825 | 782 | 1075 | 1035 | 1194 | 1275 | 1435 |
| 21 | 434 | 911 | 1075 | 1194 | 1194 | 955 | 868 | 782 | 955 | 1275 | 1194 | 868 |
| 22 | 908 | 1194 | 782 | 948 | 821 | 521 | 782 | 658 | 1275 | 1035 | 1115 | 1115 |
| 23 | 782 | 955 | 782 | 1115 | 1035 | 745 | 608 | 608 | 992 | 868 | 707 | 707 |
| 24 | 521 | 521 | 521 | 565 | 608 | 707 | 707 | 1035 | 1832 | 1275 | 827 | 608 |
| 25 | 955 | 1115 | 955 | 1115 | 1035 | 868 | 868 | 868 | 1235 | 1354 | 1115 | 955 |
| 26 | 260 | 521 | 955 | 955 | 782 | 608 | 608 | 608 | 707 | 955 | 955 | 868 |
| 27 | 608 | 521 | 521 | 434 | 434 | 434 | 434 | 477 | 782 | 1194 | 1115 | 868 |
| 28 | 782 | 782 | 608 | 434 | 434 | 434 | 434 | 521 | 521 | 434 | 521 | 521 |
| 29 | 260 | 260 | 477 | 608 | 1035 | 955 | 955 | 695 | 955 | 1115 | 1035 | 955 |
| 30 | 608 | 608 | 608 | 608 | 707 | 608 | 1028 | 818 | 608 | 991 | 1035 | 868 |
| 31 | 868 | 955 | 1035 | 1035 | 955 | 955 | 909 | 1115 | 1395 | 1755 | 1515 | 1435 |
| Promedio | 650 | 736 | 772 | 844 | 863 | 798 | 789 | 829 | 1020 | 1040 | 925 | 873 |

## IONES LIVIANOS NEGATIVOS "n-" por cm³

| días \ horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 376 | 376 | 457 | 676 | 639 | 526 | 312 | 489 | 905 | 905 | 752 | 676 |
| 2 | 526 | 676 | 676 | 676 | 676 | 451 | 451 | 602 | 905 | 828 | 828 | 828 |
| 3 | 226 | 226 | 312 | 226 | 226 | 312 | 312 | 226 | 150 | 150 | 150 | 226 |
| 4 | 150 | 226 | 226 | 226 | 226 | 226 | 312 | 312 | 602 | 752 | 676 | 602 |
| 5 | 419 | 676 | 752 | 677 | 714 | 828 | 602 | 639 | 752 | 752 | 752 | 752 |
| 6 | 312 | 312 | 344 | 676 | 602 | 676 | 676 | 676 | 976 | 866 | 676 | 1290 |
| 7 | 602 | 602 | 526 | 526 | 451 | 451 | 376 | 509 | 602 | 828 | 639 | 676 |
| 8 | 226 | 150 | 150 | 226 | 226 | 226 | 312 | 404 | 1154 | 1285 | 976 | 905 |
| 9 | 677 | 828 | 752 | 752 | 602 | 828 | 676 | 974 | 1188 | 1188 | 828 | 676 |
| 10 | 790 | 940 | 828 | 828 | 752 | 752 | 676 | 676 | 676 | 676 | 676 | 676 |
| 11 | 451 | 376 | 451 | 376 | 312 | 312 | 312 | 376 | 451 | 376 | 526 | 451 |
| 12 | 451 | 526 | 526 | 602 | 526 | 451 | 451 | 376 | 940 | 1052 | 752 | - |
| 13 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 113 | 150 | 150 | 150 | 150 |
| 14 | 150 | 150 | 226 | 226 | 226 | 312 | 312 | 263 | 489 | 312 | 376 | 376 |
| 15 | 150 | 150 | 150 | 226 | 226 | 188 | 188 | 602 | 955 | 676 | 676 | 602 |
| 16 | 864 | 602 | 602 | 451 | 376 | 526 | 376 | 376 | 715 | 905 | 676 | 602 |
| 17 | 226 | 226 | 376 | 526 | 602 | 752 | 602 | 752 | 1148 | 1250 | 976 | 828 |
| 18 | 226 | 226 | 312 | 269 | 451 | 451 | 312 | 419 | 789 | 1120 | 974 | 602 |
| 19 | 226 | 226 | 226 | 226 | 414 | 376 | 451 | 376 | 828 | 940 | 676 | 602 |
| 20 | 226 | 312 | 312 | 312 | 414 | 376 | 263 | 526 | 752 | 976 | 1120 | 1120 |
| 21 | 226 | 376 | 419 | 602 | 676 | 526 | 451 | 526 | 828 | 1120 | 1052 | 752 |
| 22 | 639 | 905 | 526 | 676 | 563 | 414 | 526 | 451 | 1186 | 1120 | 1052 | 976 |
| 23 | 312 | 376 | 312 | 312 | 312 | 226 | 226 | 269 | 639 | 602 | 526 | 526 |
| 24 | 226 | 226 | 226 | 312 | 226 | 312 | 376 | 713 | 1320 | 976 | 526 | 526 |
| 25 | 602 | 602 | 526 | 602 | 602 | 451 | 526 | 564 | 974 | 1188 | 905 | 752 |
| 26 | 234 | 468 | 858 | 858 | 703 | 546 | 546 | 546 | 602 | 828 | 1052 | 828 |
| 27 | 376 | 226 | 226 | 226 | 376 | 376 | 376 | 214 | 676 | 1094 | 976 | 752 |
| 28 | 676 | 676 | 526 | 376 | 376 | 376 | 376 | 451 | 451 | 376 | 451 | 451 |
| 29 | 226 | 226 | 414 | 526 | 976 | 828 | 828 | 526 | 419 | 828 | 905 | 828 |
| 30 | 269 | 376 | 376 | 376 | 451 | 828 | 1188 | 1052 | 376 | 926 | 976 | 828 |
| 31 | 676 | 676 | 676 | 526 | 526 | 526 | 526 | 752 | 926 | 1460 | 1320 | 1188 |
| Promedio | 386 | 425 | 436 | 462 | 473 | 473 | 456 | 508 | 759 | 855 | 761 | 702 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 868 | 868 | 825 | 782 | 868 | 782 | 694 | 347 | 347 | 347 | 608 | 1115 | 831 |
| 1275 | 1194 | 1075 | 955 | 1035 | 1195 | 521 | 434 | 260 | 347 | 347 | 347 | 872 |
| 260 | 260 | 347 | 347 | 347 | 347 | 347 | 347 | 260 | 260 | 347 | 347 | 344 |
| 707 | 707 | 707 | 707 | 707 | 434 | 347 | 347 | 347 | 347 | 434 | 521 | 620 |
| 955 | 1115 | 831 | 434 | 868 | 707 | 707 | 568 | 434 | 434 | 347 | 347 | 845 |
| 1515 | 1035 | 955 | 868 | 868 | 707 | 782 | 1115 | 1035 | 1035 | 1035 | 1035 | 877 |
| 782 | 707 | 707 | 782 | 887 | 521 | 521 | 434 | 347 | 347 | 434 | 434 | 747 |
| 1115 | 1115 | 995 | 1075 | 782 | 707 | 478 | 434 | 347 | 384 | 434 | 434 | 756 |
| 909 | 1115 | 955 | 955 | 608 | 521 | 434 | 347 | 260 | 260 | 347 | 868 | 947 |
| 868 | 955 | 1074 | 347 | 521 | 434 | 303 | 434 | 901 | 778 | 871 | 608 | 829 |
| 782 | 778 | 707 | 782 | 955 | 868 | 955 | 995 | 1035 | 1115 | 1194 | 1075 | 925 |
| 1035 | 955 | 868 | 868 | 955 | 955 | 868 | 821 | 521 | 434 | 434 | 434 | 871 |
| 347 | 347 | 260 | 521 | 434 | 434 | 347 | 347 | 347 | 347 | 347 | 347 | 412 |
| 608 | 521 | 608 | 391 | 521 | 608 | 521 | 347 | 347 | 347 | 434 | 347 | 522 |
| 707 | 707 | 707 | 608 | 521 | 390 | 347 | 260 | 260 | 347 | 527 | 1275 | 583 |
| 782 | 1035 | 995 | 782 | 868 | 560 | 434 | 347 | 347 | 347 | 347 | 347 | 796 |
| 1194 | 1155 | 1194 | 1194 | 1115 | 1355 | 521 | 347 | 434 | 434 | 434 | 434 | 922 |
| 707 | 608 | 521 | 608 | 782 | 868 | 434 | 347 | 434 | 434 | 434 | 434 | 694 |
| 1035 | 1035 | 955 | 707 | 782 | 782 | 608 | 434 | 434 | 570 | 521 | 521 | 749 |
| 1354 | 1275 | 1115 | 1115 | 1035 | 868 | 651 | 347 | 347 | 347 | 434 | 434 | 881 |
| 707 | 707 | 868 | 868 | 955 | 868 | 738 | 521 | 521 | 1354 | 988 | 368 | 903 |
| 955 | 1035 | 1035 | 868 | 868 | 782 | 707 | 608 | 521 | 521 | 521 | 521 | 837 |
| 707 | 782 | 782 | 782 | 707 | 707 | 707 | 565 | 434 | 521 | 434 | 521 | 731 |
| 707 | 608 | 608 | 782 | 782 | 521 | 347 | 347 | 434 | 347 | 347 | 608 | 673 |
| 868 | 868 | 782 | 707 | 434 | 434 | 347 | 347 | 260 | 260 | 260 | 260 | 761 |
| 658 | 955 | 782 | 434 | 434 | 434 | 347 | 260 | 347 | 347 | 434 | 738 | 623 |
| 707 | 608 | 868 | 868 | 782 | 738 | 731 | 434 | 521 | 521 | 782 | 782 | 674 |
| 521 | 434 | 608 | 347 | 347 | 434 | 260 | 174 | 174 | 260 | 260 | 347 | 441 |
| 955 | 868 | 782 | 707 | 707 | 608 | 521 | 434 | 347 | 347 | 434 | 521 | 689 |
| 782 | 707 | 608 | 707 | 782 | 707 | 782 | 782 | 868 | 868 | 868 | 868 | 768 |
| 1194 | 1115 | 1035 | 1035 | 1194 | 782 | 1115 | 1035 | 955 | 868 | 868 | 955 | 1086 |
| 857 | 844 | 811 | 740 | 753 | 679 | 562 | 481 | 465 | 499 | 532 | 603 | 748 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 676 | 676 | 602 | 526 | 526 | 376 | 150 | 312 | 312 | 226 | 312 | 451 | 510 |
| 752 | 676 | 526 | 526 | 526 | 339 | 231 | 312 | 226 | 226 | 226 | 226 | 538 |
| 226 | 226 | 312 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 231 |
| 451 | 376 | 451 | 451 | 376 | 269 | 226 | 226 | 226 | 312 | 226 | 226 | 348 |
| 639 | 676 | 526 | 1115 | 639 | 376 | 312 | 457 | 376 | 226 | 226 | 226 | 588 |
| 1188 | 868 | 676 | 676 | 676 | 676 | 676 | 828 | 752 | 676 | 602 | 602 | 707 |
| 676 | 526 | 602 | 639 | 526 | 376 | 226 | 150 | 150 | 150 | 150 | 150 | 463 |
| 752 | 602 | 676 | 602 | 489 | 312 | 226 | 226 | 226 | 226 | 226 | 312 | 463 |
| 828 | 828 | 752 | 676 | 451 | 344 | 312 | 226 | 226 | 226 | 226 | 451 | 646 |
| 752 | 639 | 451 | 376 | 376 | 269 | 226 | 616 | 932 | 488 | 526 | 312 | 621 |
| 602 | 701 | 826 | 676 | 639 | 526 | 526 | 602 | 639 | 676 | 676 | 639 | 521 |
| 752 | 676 | 602 | 526 | 451 | 376 | 344 | 226 | 312 | 226 | 226 | 226 | 504 |
| 226 | 226 | 312 | 312 | 226 | 226 | 150 | 150 | 226 | 226 | 150 | 150 | 203 |
| 451 | 451 | 451 | 269 | 376 | 376 | 226 | 226 | 226 | 226 | 150 | 150 | 292 |
| 564 | 526 | 526 | 526 | 451 | 312 | 226 | 226 | 226 | 226 | 376 | 752 | 405 |
| 602 | 752 | 676 | 602 | 602 | 376 | 269 | 312 | 226 | 226 | 226 | 226 | 507 |
| 828 | 905 | 828 | 828 | 752 | 376 | 226 | 226 | 226 | 226 | 312 | 226 | 593 |
| 451 | 376 | 312 | 312 | 451 | 376 | 188 | 226 | 226 | 226 | 226 | 226 | 406 |
| 752 | 676 | 526 | 451 | 376 | 226 | 226 | 226 | 312 | 312 | 312 | 226 | 424 |
| 976 | 828 | 676 | 602 | 526 | 419 | 188 | 312 | 226 | 226 | 226 | 226 | 506 |
| 602 | 526 | 602 | 602 | 602 | 451 | 150 | 269 | 376 | 676 | 451 | 376 | 552 |
| 828 | 905 | 752 | 676 | 602 | 414 | 150 | 150 | 226 | 150 | 269 | 269 | 601 |
| 526 | 526 | 526 | 526 | 451 | 344 | 150 | 188 | 226 | 226 | 226 | 312 | 369 |
| 414 | 526 | 451 | 451 | 451 | 269 | 150 | 226 | 226 | 226 | 226 | 376 | 415 |
| 828 | 752 | 639 | 602 | 344 | 312 | 312 | 312 | 234 | 234 | 234 | 234 | 555 |
| 676 | 828 | 676 | 526 | 526 | 451 | 376 | 312 | 312 | 312 | 338 | 312 | 571 |
| 602 | 526 | 752 | 752 | 676 | 639 | 628 | 376 | 451 | 451 | 676 | 676 | 546 |
| 451 | 376 | 526 | 312 | 312 | 376 | 226 | 150 | 150 | 226 | 226 | 312 | 384 |
| 828 | 752 | 602 | 526 | 451 | 312 | 226 | 226 | 226 | 226 | 226 | 312 | 518 |
| 752 | 602 | 602 | 602 | 676 | 602 | 526 | 451 | 526 | 602 | 526 | 451 | 622 |
| 1120 | 1052 | 905 | 828 | 828 | 451 | 752 | 602 | 451 | 451 | 526 | 602 | 764 |
| 670 | 632 | 592 | 559 | 503 | 380 | 291 | 309 | 319 | 308 | 314 | 337 | 496 |

## IONES PESADOS POSITIVOS "N⁺" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5380 | 6295 | 5380 | 4490 | 6295 | 5380 | 9860 | 6295 | 4490 | 4490 | 9860 | 4490 |
| 2 | 4490 | 3585 | 3585 | 3585 | 2690 | 3585 | 6295 | 4490 | 3585 | 5380 | 4490 | 3585 |
| 3 | 15250 | 17050 | 17050 | 15250 | 16130 | 10770 | 6295 | 8060 | 8950 | 14350 | 16130 | 16130 |
| 4 | 9860 | 9860 | 8060 | 8060 | 8950 | 9860 | 8060 | 6295 | 3585 | 4490 | 4490 | 3585 |
| 5 | 6295 | 3585 | 4490 | 3585 | 4490 | 1795 | 4490 | 5380 | 4490 | 4490 | 4490 | 3585 |
| 6 | 9860 | 10770 | 6295 | 3585 | 1795 | 2690 | 2690 | 3585 | 2690 | 3585 | 4490 | 3585 |
| 7 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | 6295 | 5380 | 7180 | 9860 | 8950 |
| 8 | 11690 | 12590 | 12590 | 14350 | 13430 | 14350 | 17950 | 9860 | 4490 | 3585 | 5380 | 4490 |
| 9 | 5380 | 6295 | 3585 | 4490 | 4490 | 3585 | 4490 | 4490 | 3585 | 3585 | 6295 | 7180 |
| 10 | 4490 | 2690 | 5380 | 5380 | 2690 | 3585 | 14350 | 5380 | - | - | - | - |
| 11 | 16130 | 5380 | 2690 | 3585 | 3585 | 3585 | 3585 | 3585 | 2690 | 3585 | 1795 | 2690 |
| 12 | 4490 | 2690 | 3585 | 3585 | 2690 | 4490 | 3585 | 4490 | 5380 | 7180 | 8060 | 7180 |
| 13 | 9860 | 9860 | 8950 | 7180 | 5380 | 7180 | 8060 | 11690 | 13430 | 13430 | 9860 | 9860 |
| 14 | 16130 | 14350 | 12590 | 11690 | 7180 | 7180 | 7180 | 8060 | 6295 | 11690 | 11690 | 12590 |
| 15 | 11690 | 11690 | 12590 | 11690 | 12590 | 14350 | 11690 | 9860 | 6295 | 6295 | 8060 | 9860 |
| 16 | 4490 | 5380 | 4490 | 5380 | 6295 | 3585 | 5380 | 6295 | 5380 | 6295 | 6295 | 8060 |
| 17 | 17050 | 12590 | 4490 | 4490 | 4490 | 4490 | 5380 | 5380 | 4490 | 5380 | 5380 | 5380 |
| 18 | 9860 | 13430 | 9860 | 8060 | 6295 | 8060 | 8060 | 8060 | 7180 | 6295 | 5380 | 9860 |
| 19 | 10770 | 8950 | 8060 | 8060 | 7180 | 8060 | 8060 | 8060 | 8060 | 8950 | 9860 | 10770 |
| 20 | 9860 | 8060 | 5380 | 6295 | 12590 | 11690 | 17050 | 6295 | 8950 | 6295 | 5380 | 7180 |
| 21 | 12590 | 8060 | 7180 | 5380 | 6295 | 8060 | 8950 | 6295 | 7180 | 6295 | 8060 | 9860 |
| 22 | 7180 | 4490 | 4490 | 4490 | 4490 | 7180 | 6295 | 8060 | 7180 | 7180 | 8060 | 8060 |
| 23 | 8950 | 7180 | 7180 | 5380 | 5380 | 6295 | 8060 | 8950 | 8060 | 8060 | 9860 | 11690 |
| 24 | 15250 | 15250 | 14350 | 17050 | 14350 | 16130 | 17950 | 11690 | 7180 | 8060 | 9860 | 12590 |
| 25 | 7180 | 7180 | 5380 | 5380 | 5380 | 6295 | 5380 | 6295 | 5380 | 5380 | 6295 | 8950 |
| 26 | 22400 | 9860 | 8060 | 7180 | 8950 | 8950 | 11690 | 10770 | 8060 | 6295 | 6295 | 7180 |
| 27 | 7180 | 9860 | 9860 | 13430 | 15250 | 20350 | 17950 | 16130 | 7180 | 3585 | 3585 | 3585 |
| 28 | 4490 | 5380 | 5380 | 10770 | 13430 | 11690 | 14350 | 21520 | 14350 | 16130 | 39420 | 26900 |
| 29 | 9860 | 12590 | 6295 | 8060 | 5380 | 4490 | 4490 | 6295 | 4490 | 4490 | 4490 | 4490 |
| 30 | 10770 | 8950 | 8950 | 8060 | 9860 | 4490 | 4490 | 4490 | 8060 | 6295 | 8060 | 8950 |
| 31 | 8060 | 6295 | 6295 | 6295 | 6295 | 6295 | 7180 | 6295 | 6295 | 5380 | 7180 | 6295 |
| Promedio | 9723 | 8538 | 7323 | 7379 | 7380 | 7516 | 8509 | 7699 | 6427 | 6789 | 8280 | 8252 |

## IONES PESADOS NEGATIVOS "N⁻" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7180 | 6295 | 6295 | 7180 | 6295 | 6295 | 9860 | 7180 | 5380 | 5380 | 5380 | 5380 |
| 2 | 6295 | 4490 | 6295 | 5380 | 5380 | 7180 | 8060 | 7180 | 5380 | 4490 | 6295 | 4490 |
| 3 | 20700 | 17950 | 17050 | 17950 | 13430 | 9860 | 7180 | 9860 | 11690 | 17950 | 20350 | 11690 |
| 4 | 8060 | 9860 | 9860 | 12590 | 10770 | 9860 | 8060 | 7180 | 5380 | 4490 | 5380 | 4490 |
| 5 | 6295 | 4490 | 5380 | 5380 | 5380 | 4490 | 6295 | 6295 | 9860 | 5380 | 5380 | 5380 |
| 6 | 10770 | 10770 | 5380 | 4490 | 3585 | 2690 | 4490 | 3585 | 4490 | 4490 | 7180 | 6295 |
| 7 | 4490 | 4490 | 4490 | 5380 | 5380 | 6295 | 6295 | 6295 | 7180 | 10770 | 11690 | 10770 |
| 8 | 13430 | 14350 | 15250 | 15250 | 13430 | 13430 | 24200 | 6295 | 7180 | 5380 | 7180 | 8060 |
| 9 | 6295 | 4490 | 4490 | 4490 | 4490 | 4490 | 5380 | 5380 | 5380 | 5380 | 7180 | 9860 |
| 10 | 5380 | 4490 | 2690 | 4490 | 4490 | 3585 | 5380 | 7180 | - | - | - | - |
| 11 | 11690 | 4490 | 3585 | 3585 | 3585 | 4490 | 4490 | 4490 | 3585 | 4490 | 5380 | 3585 |
| 12 | 4490 | 4490 | 4490 | 3585 | 4490 | 5380 | 4490 | 7180 | 7180 | 8950 | 9860 | 8950 |
| 13 | 11690 | 10770 | 9860 | 8950 | 8060 | 9860 | 11690 | 14350 | 16130 | 17950 | 11690 | 12590 |
| 14 | 17050 | 12590 | 14350 | 10770 | 8060 | 8060 | 9860 | 7180 | 8950 | 12590 | 13430 | 12590 |
| 15 | 13430 | 13430 | 13430 | 12590 | 15250 | 15250 | 11690 | 8060 | 7180 | 9860 | 9860 | 8950 |
| 16 | 6295 | 4490 | 6295 | 7180 | 5380 | 4490 | 6295 | 6295 | 5380 | 5380 | 7180 | 8950 |
| 17 | 13430 | 8950 | 5380 | 4490 | 4490 | 5380 | 5380 | 5380 | 5380 | 6295 | 6295 | 5380 |
| 18 | 10770 | 10770 | 11690 | 8060 | 6295 | 8060 | 9860 | 8060 | 6295 | 6295 | 9860 | 8950 |
| 19 | 8950 | 9860 | 8950 | 6295 | 6295 | 8060 | 7180 | 9860 | 8060 | 8060 | 11690 | 10770 |
| 20 | 9860 | 7180 | 5380 | 7180 | 12590 | 17050 | 11690 | 7180 | 7180 | 7180 | 5380 | 6295 |
| 21 | 12590 | 7180 | 7180 | 8060 | 8060 | 8060 | 10770 | 8060 | 8060 | 8060 | 9860 | 11690 |
| 22 | 7180 | 5380 | 6295 | 5380 | 7180 | 8060 | 9860 | 8950 | 8950 | 8060 | 8950 | 9860 |
| 23 | 9860 | 6295 | 8060 | 7180 | 7180 | 8950 | 10770 | 9860 | 8950 | 11690 | 12590 | 13430 |
| 24 | 18870 | 17050 | 17950 | 18870 | 17050 | 20700 | 25150 | 10770 | 8950 | 9860 | 12590 | 14350 |
| 25 | 8060 | 8060 | 6295 | 7180 | 8060 | 9860 | 8060 | 8060 | 7180 | 7180 | 8060 | 8950 |
| 26 | 20350 | 9860 | 8950 | 8060 | 8060 | 9860 | 13430 | 10770 | 8060 | 6295 | 7180 | 6295 |
| 27 | 8060 | 11690 | 12590 | 15250 | 20350 | 20350 | 17050 | 9860 | 5380 | 4490 | 3585 | 5380 |
| 28 | 3585 | 5380 | 8950 | 11690 | 12590 | 14350 | 20350 | 17950 | 22400 | 15250 | 32300 | 12590 |
| 29 | 11690 | 8950 | 8060 | 5380 | 7180 | 4490 | 6295 | 6295 | 4490 | 4490 | 4490 | 6295 |
| 30 | 11690 | 9860 | 9860 | 9860 | 7180 | 5380 | 6295 | 6295 | 8060 | 6295 | 9860 | 10770 |
| 31 | 8950 | 8060 | 6295 | 7180 | 8060 | 7180 | 7180 | 8060 | 8060 | 7180 | 7180 | 7180 |
| Promedio | 10239 | 8595 | 8422 | 8366 | 8325 | 8757 | 9775 | 8045 | 7859 | 7987 | 9443 | 8674 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2690 | 2690 | 3585 | 3585 | 3585 | 3585 | 4490 | 11690 | 21520 | 21520 | 9860 | 4490 | 6916 |
| 1795 | 2690 | 2690 | 1795 | 1795 | 2690 | 10770 | 17950 | 24200 | 20700 | 18870 | 17050 | 7181 |
| 16130 | 17050 | 16130 | 17050 | 17050 | 17050 | 16130 | 17050 | 18870 | 17950 | 16130 | 13430 | 15059 |
| 6295 | 8060 | 5380 | 8950 | 6295 | 11690 | 14350 | 18870 | 12590 | 8060 | 10770 | 9860 | 8597 |
| 3585 | 2690 | 5380 | 4490 | 5380 | 9860 | 8060 | 12590 | 15250 | 12590 | 12590 | 12590 | 6509 |
| 3585 | 3585 | 3585 | 3585 | 3585 | 2690 | 4490 | 3585 | 2690 | 3585 | 3585 | 3585 | 4073 |
| 8950 | 8950 | 9860 | 9860 | 8950 | 12590 | 11690 | 10770 | 11690 | 12590 | 11690 | 9860 | 8189 |
| 5380 | 4490 | 6295 | 6295 | 8950 | 8060 | 15250 | 15250 | 17050 | 17050 | 18870 | 22400 | 11254 |
| 8950 | 8060 | 8060 | 7180 | 13430 | 13430 | 16130 | 20700 | 18870 | 17950 | 17050 | 7180 | 8935 |
| - | - | - | - | - | - | - | - | - | - | 1795 | 2690 | 4843 |
| 3585 | 2690 | 2690 | 3585 | 3585 | 4490 | 3585 | 3585 | 3585 | 2690 | 3585 | 2690 | 3884 |
| - | 6295 | 6295 | 5380 | 5380 | 5380 | 6295 | 8060 | 11690 | 10770 | 11690 | 10770 | 6322 |
| 11690 | 12590 | 12590 | 11690 | 11690 | 14350 | 17050 | 17950 | 18870 | 14350 | 15250 | 15250 | 12113 |
| 9860 | 8950 | 8060 | 14350 | 8950 | 8060 | 8060 | 13430 | 12590 | 11690 | 11690 | 11690 | 10584 |
| 8060 | 6295 | 6295 | 9860 | 11690 | 10770 | 13430 | 14350 | 15250 | 14350 | 9860 | 4490 | 10473 |
| 9860 | 6295 | 8060 | 8950 | 8060 | 13430 | 16130 | 17050 | 15250 | 18870 | 16130 | 20350 | 9406 |
| 4490 | 4490 | 3585 | 2690 | 5380 | 7180 | 8950 | 15250 | 18870 | 13430 | 12590 | 10770 | 7777 |
| 9860 | 9860 | 8060 | 8950 | 6295 | 8060 | 14350 | 16130 | 17050 | 12590 | 11690 | 12590 | 9828 |
| 7180 | 4490 | 4490 | 8950 | 6295 | 7180 | 10770 | 17950 | 14350 | 12590 | 8950 | 8950 | 9041 |
| 4490 | 4490 | 3585 | 5380 | 6295 | 5380 | 10770 | 14350 | 17050 | 13430 | 11690 | 14350 | 9012 |
| 11690 | 11690 | 8060 | 4490 | 4490 | 4490 | 9860 | 13430 | 18870 | 4490 | 7180 | 9860 | 8450 |
| 8060 | 6295 | 6295 | 6295 | 7180 | 6295 | 11690 | 13430 | 12590 | 9860 | 11690 | 9860 | 7778 |
| 10770 | 9860 | 8950 | 9860 | 8950 | 9860 | 14350 | 17050 | 17950 | 18870 | 15250 | 18870 | 10651 |
| 12590 | 12590 | 13430 | 11690 | 10770 | 15250 | 20350 | 22400 | 20700 | 23360 | 21520 | 12590 | 14873 |
| 8060 | 8950 | 8060 | 10770 | 15250 | 16130 | 17950 | 18870 | 17050 | 17950 | 13870 | 20700 | 10545 |
| 11690 | 6295 | 6295 | 11690 | 13430 | 13430 | 15250 | 16130 | 16130 | 15250 | 14350 | 7180 | 10950 |
| 1795 | 2690 | 3585 | 4490 | 3585 | 5380 | 7180 | 9860 | 11690 | 4490 | 5380 | 5380 | 8057 |
| 7180 | 12590 | 20350 | 18870 | 15250 | 16130 | 15250 | 18870 | 17050 | 17950 | 17050 | 12590 | 15531 |
| 3585 | 3585 | 3585 | 4490 | 5380 | 5380 | 9860 | 15250 | 20700 | 21520 | 13430 | 12590 | 8119 |
| 8950 | 6295 | 8060 | 6295 | 7180 | 7180 | 7180 | 8950 | 8060 | 8060 | 8060 | 7180 | 7619 |
| 6295 | 6295 | 6295 | 5380 | 5380 | 11690 | 5380 | 5380 | 7180 | 7180 | 6295 | 7180 | 6587 |
| 7486 | 7062 | 7254 | 7896 | 8072 | 9238 | 11502 | 14206 | 15175 | 13524 | 12045 | 10936 | 9092 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3585 | 5380 | 4490 | 4490 | 4490 | 5380 | 11690 | 26900 | 26900 | 20350 | 8060 | 6295 | 8588 |
| 3585 | 2690 | 4490 | 5380 | 4490 | 5380 | 17950 | 17950 | 24200 | 20700 | 13430 | 17950 | 8713 |
| 17050 | 17050 | 18870 | 17050 | 17950 | 18870 | 17050 | 17950 | 20700 | 17050 | 12590 | 13430 | 15886 |
| 8950 | 9860 | 8060 | 7180 | 10770 | 17050 | 17950 | 20350 | 12590 | 11690 | 11690 | 10770 | 10120 |
| 5380 | 5380 | 11690 | 8060 | 6295 | 8060 | 10770 | 15250 | 17050 | 12590 | 14350 | 13430 | 8263 |
| 6295 | 4490 | 4490 | 4490 | 4490 | 3585 | 4490 | 3585 | 4490 | 3585 | 3585 | 4490 | 5012 |
| 10770 | 11690 | 10770 | 10770 | 10770 | 12590 | 12590 | 13430 | 15250 | 12590 | 13430 | 15250 | 9726 |
| 7180 | 6295 | 8950 | 8060 | 10770 | 11690 | 26900 | 18870 | 18870 | 18870 | 21520 | 20700 | 13421 |
| 8060 | 8060 | 9860 | 8950 | 14350 | 15250 | 18870 | 20700 | 17950 | 18870 | 12590 | 6295 | 9462 |
| - | - | - | - | - | - | - | - | - | - | 7180 | 8060 | 5293 |
| 4490 | 5380 | 4490 | 3585 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | 4638 |
| - | 8060 | 8060 | 8060 | 6295 | 6295 | 8950 | 11690 | 13430 | 12590 | 12590 | 11690 | 7380 |
| 17050 | 14350 | 15250 | 15250 | 15250 | 16130 | 17050 | 20350 | 18870 | 16130 | 17050 | 17950 | 14344 |
| 11690 | 11690 | 9860 | 11690 | 10770 | 8950 | 10770 | 10770 | 13430 | 10770 | 11690 | 13430 | 11291 |
| 8950 | 8060 | 9860 | 12590 | 13430 | 12590 | 15250 | 15250 | 14350 | 13430 | 5380 | 4490 | 11358 |
| 8950 | 8060 | 7180 | 8950 | 8060 | 15250 | 17950 | 16130 | 17950 | 17050 | 17950 | 20700 | 9908 |
| 3585 | 6295 | 3585 | 4490 | 4490 | 13430 | 10770 | 18870 | 14350 | 14350 | 10770 | 10770 | 7999 |
| 10770 | 6295 | 8060 | 11690 | 7180 | 11690 | 11690 | 20350 | 16130 | 13430 | 11690 | 14350 | 10345 |
| 6295 | 6295 | 7180 | 8060 | 8060 | 9860 | 14350 | 18870 | 14350 | 11690 | 9860 | 10770 | 9569 |
| 5380 | 5380 | 5380 | 6295 | 7180 | 8950 | 12590 | 17050 | 17050 | 12590 | 12590 | 15250 | 9614 |
| 14350 | 12590 | 8060 | 6295 | 7180 | 9860 | 17050 | 24200 | 8950 | 7180 | 10770 | 9860 | 10166 |
| 9860 | 8060 | 8060 | 8060 | 8950 | 8950 | 13430 | 15250 | 11690 | 15250 | 11690 | 10770 | 9338 |
| 12590 | 12590 | 10770 | 11690 | 10770 | 12590 | 17050 | 21520 | 21520 | 17950 | 17950 | 18870 | 12528 |
| 15250 | 13430 | 14350 | 13430 | 12590 | 20350 | 24200 | 26000 | 24200 | 23360 | 22400 | 11690 | 17225 |
| 9860 | 10770 | 11690 | 12590 | 17050 | 18870 | 18870 | 18870 | 17050 | 18870 | 20700 | 22400 | 12191 |
| 9860 | 6295 | 8060 | 12590 | 13430 | 17050 | 15250 | 17050 | 16130 | 15250 | 9860 | 8950 | 11123 |
| 3585 | 4490 | 3585 | 4490 | 3585 | 5380 | 6295 | 7180 | 5380 | 4490 | 5380 | 7180 | 8187 |
| 5380 | 24200 | 17950 | 11690 | 16130 | 16130 | 18870 | 16130 | 20700 | 18870 | 16130 | 10770 | 15431 |
| 5380 | 6295 | 3585 | 4490 | 5380 | 7180 | 8060 | 15250 | 26000 | 17950 | 12590 | 12430 | 8487 |
| 8950 | 6295 | 6295 | 8060 | 8060 | 9860 | 8950 | 10770 | 8950 | 8060 | 8950 | 8060 | 8442 |
| 8060 | 8060 | 7180 | 6295 | 7180 | 8950 | 7180 | 8060 | 8950 | 8950 | 8060 | 8060 | 7731 |
| 8660 | 8794 | 8672 | 8826 | 9329 | 11355 | 13911 | 16303 | 15760 | 13966 | 12160 | 11955 | 10174 |

## COMPONENTE NORTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.6 | 5.2 | 6.9 | 8.6 | 10.3 | 13.8 | 8.6 | 3.4 | - 2.7 | 18.6 | 10.3 | 17.2 | 18.9 |
| 2 | 8.6 | 5.2 | 3.4 | 5.2 | 8.6 | 10.3 | 3.4 | 3.4 | 6.9 | 15.4 | 17.2 | 20.6 | 18.9 |
| 3 | 10.3 | 8.6 | 10.3 | 17.2 | 20.6 | 18.9 | 20.6 | 15.4 | 1.7 | 3.4 | 15.4 | 20.6 | 30.9 |
| 4 | 12.0 | 17.2 | 13.8 | - | - | 17.2 | 18.9 | - | - | - | - | 15.4 | 15.4 |
| 5 | 8.6 | 15.4 | 6.9 | 8.6 | 3.4 | 27.4 | 6.9 | - 1.4 | - 8.1 | 1.7 | 15.4 | 25.8 | 17.2 |
| 6 | 15.4 | 17.2 | 15.4 | 17.2 | 15.4 | 12.0 | 6.9 | 1.7 | 3.4 | 17.2 | 17.2 | 36.0 | 22.3 |
| 7 | 15.4 | 18.9 | 15.4 | 18.9 | 24.0 | 20.6 | 12.0 | 15.4 | 8.6 | 12.0 | 20.6 | 22.3 | 43.0 |
| 8 | 15.4 | 17.2 | 24.0 | 22.3 | 24.0 | 22.3 | 20.6 | 13.8 | 12.0 | 20.6 | 24.0 | 27.4 | 36.0 |
| 9 | 25.8 | 22.3 | 15.4 | 20.6 | 27.4 | 27.4 | 22.3 | 18.9 | 17.2 | 24.0 | 27.4 | 29.2 | 32.7 |
| 10 | 20.6 | 25.8 | 24.0 | 27.4 | 27.4 | 30.9 | 24.0 | 15.4 | 12.0 | 10.3 | 29.2 | 22.3 | 46.3 |
| 11 | 49.8 | 48.1 | 43.0 | 30.9 | 29.2 | 30.9 | 24.0 | 22.3 | 20.6 | 24.0 | 24.0 | 36.0 | 36.0 |
| 12 | 22.3 | 25.8 | 32.7 | 43.0 | 34.3 | 30.9 | 32.7 | 30.9 | 22.3 | 18.9 | 29.2 | - | 43.0 |
| 13 | 24.0 | 29.2 | 24.0 | 29.2 | 32.7 | 32.7 | 36.0 | 24.0 | 17.2 | 34.3 | 29.2 | 25.8 | 34.3 |
| 14 | 32.7 | 29.2 | 29.2 | 32.7 | 32.7 | 27.4 | 29.2 | 22.3 | 27.4 | 29.2 | 46.3 | 51.5 | 27.4 |
| 15 | 20.6 | 24.0 | 32.7 | 29.2 | 30.9 | 32.7 | 29.2 | 29.2 | 22.3 | 27.4 | 36.0 | 32.7 | 36.0 |
| 16 | 34.3 | 30.9 | 27.4 | 29.2 | 32.7 | 29.2 | 22.3 | 25.8 | 32.7 | 27.8 | 39.5 | 37.8 | 37.8 |
| 17 | 32.7 | 32.7 | 32.7 | 32.7 | 39.5 | 39.5 | 30.9 | 25.8 | 17.2 | 27.4 | 32.7 | 36.0 | 37.8 |
| 18 | 32.7 | 30.9 | 30.9 | 37.8 | 32.7 | 34.3 | 30.9 | 24.0 | 22.3 | 24.0 | 34.3 | 46.3 | 27.4 |
| 19 | 34.3 | 32.7 | 36.0 | 37.8 | 36.0 | 34.3 | 29.2 | 29.2 | 27.4 | 30.9 | 36.0 | 39.5 | 32.7 |
| 20 | 34.3 | 34.3 | 30.9 | 36.0 | 34.3 | 39.5 | 36.0 | 30.9 | 22.3 | 29.2 | 27.4 | 34.3 | 43.0 |
| 21 | 36.0 | 36.0 | 34.3 | 41.2 | 37.8 | 34.3 | 37.8 | 37.8 | 25.8 | 32.7 | 34.3 | 44.7 | 36.0 |
| 22 | 37.8 | 36.0 | 32.7 | 36.0 | 36.0 | 36.0 | 30.9 | 30.9 | 29.2 | 36.0 | 46.3 | 46.3 | 46.3 |
| 23 | 30.9 | 30.9 | 32.7 | 37.8 | 37.8 | 34.3 | 37.8 | 20.6 | 25.8 | 30.9 | 44.7 | 41.2 | 39.5 |
| 24 | 32.7 | 32.7 | 32.7 | 36.0 | 39.5 | 39.5 | 32.7 | 29.2 | 22.3 | 30.9 | 39.5 | 41.2 | 46.3 |
| 25 | 32.7 | 30.9 | 36.0 | 36.0 | 36.0 | 30.9 | 30.9 | 29.2 | 25.8 | 29.2 | 32.7 | 53.2 | 51.5 |
| 26 | 32.7 | 34.3 | 29.2 | 30.9 | 30.9 | 30.9 | 24.0 | 17.2 | 22.3 | 27.4 | 41.2 | 44.7 | 43.0 |
| 27 | 32.7 | 30.9 | 29.2 | 32.7 | 29.2 | 29.2 | 29.2 | 25.8 | 24.0 | 27.4 | 43.0 | 44.7 | 46.3 |
| 28 | 30.9 | 32.7 | 29.2 | 27.4 | 27.4 | 30.9 | 25.8 | 22.3 | 22.3 | 43.0 | 53.2 | 56.4 | 59.5 |
| 29 | 37.8 | 39.5 | 39.5 | 36.0 | 39.5 | 36.0 | 32.7 | 25.8 | 17.2 | 25.8 | 43.0 | 49.8 | 49.8 |
| 30 | 32.7 | 29.2 | 27.4 | 29.2 | 34.3 | 41.2 | 30.9 | 29.2 | 25.8 | 32.7 | 25.8 | 39.5 | 51.5 |
| 31 | 36.0 | 39.5 | 32.7 | 36.0 | 32.7 | 30.9 | 20.6 | 17.2 | 15.4 | 25.8 | 43.0 | 48.1 | 39.5 |
| Prom | 26.8 | 27.2 | 26.1 | 28.8 | 29.2 | 29.2 | 25.1 | 21.2 | 18.0 | 24.6 | 31.9 | 36.2 | 37.0 |
| Var. | 0.1 | 0.5 | - 0.6 | 2.1 | 2.5 | 2.5 | - 1.6 | - 5.5 | - 8.7 | - 2.1 | 5.2 | 9.5 | 10.3 |

## COMPONENTE ESTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - 9.3 | - 5.3 | - 5.3 | - 9.3 | -10.6 | -13.3 | -18.6 | -22.6 | -22.6 | -14.6 | -14.6 | -13.3 | -14.6 |
| 2 | - 6.7 | - 6.7 | - 8.0 | - 8.0 | - 9.3 | - 9.3 | -10.6 | -18.6 | -13.3 | -13.3 | -12.0 | -13.3 | -14.6 |
| 3 | - 8.0 | - 6.7 | - 6.7 | - 8.0 | -14.6 | -16.0 | -13.3 | -16.0 | - 8.0 | -13.3 | -12.0 | -14.6 | -14.6 |
| 4 | - 6.7 | - 5.3 | - 5.3 | - 8.0 | -12.0 | -13.3 | -17.3 | -17.3 | -29.3 | -17.3 | -12.0 | -14.6 | -16.0 |
| 5 | - 9.3 | - 6.7 | - 5.3 | - 9.3 | -10.6 | -16.0 | -16.0 | -17.3 | -18.6 | -12.0 | -12.0 | -12.0 | -12.0 |
| 6 | - 9.3 | - 8.0 | - 8.0 | -10.6 | -18.6 | -16.0 | -16.0 | -17.3 | -24.0 | -20.0 | -13.3 | -16.0 | -16.0 |
| 7 | -13.3 | -10.6 | -10.6 | -14.6 | -18.6 | -17.3 | -17.3 | -26.6 | -16.0 | -13.3 | -25.3 | -20.0 | -20.0 |
| 8 | -12.0 | -10.6 | -10.6 | -13.3 | -17.3 | -12.0 | -16.0 | -25.3 | -24.6 | -25.3 | -24.0 | -18.6 | -18.6 |
| 9 | -22.6 | -22.6 | -22.6 | -24.0 | -25.3 | -25.3 | -24.0 | -25.3 | -25.3 | -26.6 | -27.9 | -29.3 | -26.6 |
| 10 | -14.6 | -10.6 | -10.6 | -16.0 | -17.3 | -17.3 | -18.6 | -22.6 | -29.3 | -27.9 | -30.6 | -25.3 | -25.3 |
| 11 | - 9.3 | - 8.0 | - 9.3 | -14.6 | -16.0 | -18.6 | -17.3 | -24.0 | -31.9 | -30.6 | -27.9 | -22.6 | -22.6 |
| 12 | -22.6 | -18.6 | -18.6 | -20.0 | -24.0 | -24.0 | -27.9 | -24.0 | -26.6 | -26.6 | -26.6 | - | -26.6 |
| 13 | -21.3 | -20.0 | -18.6 | -20.0 | -22.6 | -24.0 | -29.3 | -27.9 | -45.6 | -41.2 | -22.6 | -17.3 | -24.0 |
| 14 | -18.6 | -18.6 | -20.0 | -20.0 | -22.6 | -26.6 | -29.3 | -29.3 | -33.2 | -27.9 | -22.6 | -26.6 | -25.3 |
| 15 | -20.0 | -17.3 | -17.3 | -21.3 | -24.0 | -21.3 | -22.6 | -20.0 | -34.6 | -34.6 | -24.0 | -24.0 | -25.3 |
| 16 | -20.0 | -20.0 | -20.0 | -20.0 | -21.3 | -22.6 | -25.3 | -22.6 | -20.0 | -20.0 | -21.3 | -22.6 | -22.6 |
| 17 | -21.3 | -17.3 | -20.0 | -21.3 | -21.3 | -22.6 | -26.6 | -27.9 | -35.9 | -31.9 | -33.2 | -24.0 | -25.3 |
| 18 | -18.6 | -17.3 | -20.0 | -20.0 | -22.6 | -22.6 | -26.6 | -33.2 | -35.9 | -31.9 | -30.6 | -24.0 | -20.0 |
| 19 | -20.0 | -16.0 | -20.0 | -21.3 | -22.6 | -24.0 | -25.3 | -22.6 | -29.3 | -30.6 | -25.3 | -25.3 | -24.0 |
| 20 | -21.3 | -21.3 | -22.6 | -22.6 | -27.9 | -27.9 | -30.6 | -34.6 | -34.6 | -31.9 | -31.9 | -34.6 | -35.9 |
| 21 | -22.6 | -21.3 | -20.0 | -21.3 | -25.3 | -25.3 | -29.3 | -30.6 | -41.2 | -38.6 | -33.2 | -27.9 | -26.6 |
| 22 | -22.6 | -20.0 | -21.3 | -22.6 | -27.9 | -27.9 | -27.9 | -33.2 | -35.9 | -33.2 | -38.6 | -27.9 | -29.3 |
| 23 | -22.6 | -24.0 | -24.0 | -25.3 | -24.0 | -26.6 | -26.6 | -21.3 | -26.6 | -26.6 | -30.6 | -29.3 | -29.3 |
| 24 | -24.0 | -21.3 | -21.3 | -24.0 | -25.3 | -24.0 | -24.0 | -30.6 | -37.2 | -34.6 | -31.9 | -27.9 | -27.9 |
| 25 | -22.6 | -21.3 | -20.0 | -25.3 | -26.6 | -26.6 | -30.6 | -29.3 | -31.9 | -30.6 | -27.9 | -30.6 | -29.3 |
| 26 | -22.6 | -18.6 | -21.3 | -25.3 | -25.3 | -27.9 | -30.6 | -30.6 | -38.6 | -35.9 | -35.9 | -30.6 | -27.9 |
| 27 | -25.3 | -24.0 | -21.3 | -25.3 | -26.6 | -30.6 | -33.2 | -33.2 | -47.1 | -50.6 | -38.6 | -30.6 | -26.6 |
| 28 | -20.0 | -21.3 | -21.3 | -22.6 | -26.6 | -26.6 | -24.0 | -30.6 | -33.2 | -37.2 | -31.9 | -24.0 | -26.6 |
| 29 | -24.0 | -21.3 | -22.6 | -24.0 | -27.9 | -26.6 | -26.6 | -27.9 | -44.1 | -42.6 | -33.2 | -29.3 | -29.3 |
| 30 | -25.3 | -24.0 | -22.6 | -26.6 | -26.6 | -20.0 | -27.9 | -26.6 | -26.6 | -27.9 | -27.9 | -30.6 | -30.6 |
| 31 | -27.9 | -26.6 | -25.3 | -27.9 | -29.3 | -30.6 | -34.6 | -34.6 | -41.2 | -45.6 | -41.2 | -31.9 | -33.2 |
| Prom | -18.2 | -16.5 | -16.8 | -19.1 | -21.6 | -22.0 | -24.0 | -25.9 | -30.7 | -28.8 | -26.3 | -24.0 | -24.1 |
| Var. | 4.9 | 6.6 | 6.3 | 4.0 | 1.5 | 1.1 | - 0.9 | - 2.8 | - 7.6 | - 5.7 | - 3.2 | - 0.9 | - 1.0 |

## LÍNEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.6 | 12.0 | 6.9 | - 1.4 | - 6.8 | 6.9 | 3.4 | 6.9 | 10.3 | 8.6 | 6.9 | 8.0 | 1 |
| 15.4 | 13.8 | 10.3 | 8.6 | 5.2 | 8.6 | 6.9 | 10.3 | 10.3 | 8.6 | 12.0 | 9.9 | 0 |
| 20.6 | 20.6 | 1.7 | 22.3 | - | - | 5.2 | 6.9 | 10.3 | 13.8 | 22.3 | 14.4 | 2 |
| 5.2 | - 5.4 | 3.4 | 1.7 | 6.9 | 10.3 | 1.7 | 6.9 | 5.2 | 10.3 | 12.0 | 9.3 | 1 |
| 12.0 | 6.9 | 12.0 | 8.6 | 12.0 | 13.8 | 8.6 | 15.4 | 10.3 | 12.0 | 3.4 | 10.1 | 2 |
| 25.8 | 18.9 | 10.3 | 6.9 | 3.4 | 22.3 | 15.4 | 13.8 | 18.9 | 18.9 | 12.0 | 15.2 | 1 |
| 27.4 | 25.8 | 17.2 | 3.4 | 6.9 | 20.6 | 18.9 | 12.0 | 13.8 | 15.4 | 18.9 | 17.8 | 1 |
| 36.0 | 29.2 | 24.0 | 15.4 | 13.8 | 20.6 | 15.4 | 15.4 | 20.6 | 22.3 | 24.0 | 21.5 | 1 |
| 34.3 | 29.2 | 17.2 | 10.3 | 17.2 | 24.0 | 20.6 | 17.2 | 17.2 | 18.9 | 22.3 | 22.4 | 0 |
| 32.7 | 20.6 | 24.0 | 18.9 | 18.9 | 24.0 | 32.7 | 44.7 | 59.5 | 59.5 | 54.8 | 29.4 | 1 |
| 34.3 | 34.3 | 24.0 | 20.6 | 17.2 | 20.6 | 22.3 | 13.8 | 12.0 | 17.2 | 27.4 | 27.6 | 1 |
| 32.7 | 29.2 | 25.8 | 20.6 | 20.6 | 29.2 | 30.9 | 34.0 | 35.8 | 27.4 | 25.8 | 28.6 | 1 |
| 27.4 | 29.2 | 25.8 | 29.2 | 27.4 | 25.8 | 25.8 | 32.7 | 32.7 | 32.7 | 36.0 | 29.0 | 1 |
| 37.8 | 32.7 | 25.8 | 25.8 | 24.0 | 25.8 | 25.8 | 27.4 | 27.4 | 30.9 | 25.8 | 30.3 | 1 |
| 36.0 | 27.4 | 34.3 | 30.9 | 35.8 | 29.2 | 30.9 | 27.4 | 25.8 | 25.8 | 30.9 | 29.5 | 0 |
| 32.7 | 27.4 | 27.4 | 29.2 | 22.3 | 22.3 | 25.8 | 29.2 | 29.2 | 34.3 | 27.4 | 30.2 | 0 |
| 41.2 | 24.0 | 24.0 | 32.7 | 34.3 | 34.3 | 32.7 | 32.7 | 27.4 | 34.3 | 29.2 | 31.8 | 0 |
| 49.8 | 30.9 | 18.9 | 18.9 | 22.3 | 37.8 | 32.7 | 29.2 | 34.3 | 32.7 | 37.8 | 31.4 | 1 |
| 30.9 | 30.9 | 32.7 | 24.0 | 18.9 | 29.2 | 24.0 | 36.0 | 30.9 | 30.9 | 36.0 | 31.7 | 1 |
| 43.0 | 30.9 | 27.4 | 18.9 | 18.9 | 30.9 | 29.2 | 37.8 | 32.7 | 32.7 | 30.9 | 31.9 | 0 |
| 32.7 | 24.0 | 25.8 | 25.8 | 27.4 | 27.4 | 20.6 | 39.5 | 25.8 | 30.9 | 41.2 | 32.9 | 1 |
| 39.5 | 36.0 | 25.8 | 25.8 | 30.9 | 29.2 | 27.9 | 30.9 | 30.9 | 32.7 | 30.9 | 34.2 | 0 |
| 34.3 | 32.7 | 25.8 | 25.8 | 27.4 | 32.7 | 34.3 | 27.4 | 32.7 | 41.2 | 30.9 | 32.9 | 1 |
| 36.0 | 25.8 | 24.0 | 25.8 | 29.2 | 37.8 | 25.8 | 29.2 | 32.7 | 36.0 | 37.8 | 34.4 | 1 |
| 44.7 | 30.9 | 27.4 | 29.2 | 29.2 | 29.2 | 27.4 | 29.2 | 25.8 | 30.9 | 32.7 | 33.0 | 2 |
| 27.4 | 37.8 | 22.3 | 22.3 | 32.7 | 29.2 | 30.9 | 29.2 | 37.8 | 32.7 | 32.7 | 31.0 | 1 |
| 36.0 | 30.9 | 20.6 | 25.8 | 29.2 | 51.5 | 53.2 | 53.2 | 36.0 | 27.4 | 32.7 | 34.2 | 1 |
| 41.2 | 49.5 | 39.5 | 37.8 | 41.2 | 37.8 | 32.7 | 36.0 | 32.7 | 36.0 | 34.3 | 36.6 | 1 |
| 36.0 | 29.2 | 25.8 | 24.0 | 32.7 | 30.9 | 30.9 | 30.9 | 30.9 | 29.2 | 32.7 | 33.6 | 1 |
| 25.8 | 22.3 | 29.2 | 20.6 | 24.0 | 24.0 | 27.4 | 24.0 | 27.4 | 32.7 | 34.3 | 30.0 | 2 |
| 34.3 | 20.6 | 24.0 | 25.8 | 36.0 | 30.9 | 27.4 | 27.4 | 36.0 | 29.2 | 32.7 | 30.9 | 1 |
| 31.7 | 26.1 | 22.0 | 20.4 | 21.6 | 26.6 | 24.1 | 25.7 | 25.9 | 27.3 | 28.0 | 26.7 | |
| 5.0 | - 0.6 | - 4.7 | - 6.3 | - 5.1 | - 0.1 | - 2.6 | - 1.0 | - 0.8 | 0.6 | 1.3 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -13.3 | - 8.0 | - 8.0 | - 9.3 | -17.3 | -20.0 | -12.0 | -10.6 | -12.0 | -10.6 | - 8.0 | -12.6 | 0 |
| -13.3 | -12.0 | -16.0 | -17.3 | -12.0 | -13.3 | -12.0 | -13.3 | -13.3 | - 9.3 | - 8.0 | -11.8 | 0 |
| - 9.3 | - 8.0 | - 9.3 | - 8.0 | -14.6 | -17.3 | - 9.3 | -10.6 | -12.0 | -13.3 | - 9.3 | -11.4 | 0 |
| -14.6 | - 2.7 | -13.3 | -12.0 | -22.6 | -22.6 | - 9.3 | -13.3 | -10.6 | -12.0 | - 8.0 | -13.1 | 1 |
| -12.0 | - 9.3 | -13.3 | -37.2 | -45.6 | -30.6 | -21.3 | -10.6 | 1.6 | - 6.7 | - 4.0 | -14.4 | 2 |
| -17.3 | -16.0 | -14.6 | -16.0 | -25.3 | -24.0 | -21.3 | -18.6 | -17.3 | -17.3 | -14.6 | -16.5 | 0 |
| -18.6 | -20.0 | -24.0 | -24.0 | -26.6 | -24.0 | -20.0 | -16.0 | -18.6 | -16.0 | -14.6 | -18.6 | 0 |
| -18.6 | -14.6 | -25.3 | -22.6 | -25.3 | -27.9 | -25.3 | -22.6 | -25.3 | -24.0 | -25.3 | -20.6 | 0 |
| -27.9 | -26.6 | -27.9 | -24.0 | -27.9 | -29.3 | -29.3 | -29.3 | -22.6 | -16.0 | -16.0 | -25.2 | 0 |
| -20.0 | -17.3 | -14.6 | -17.3 | -24.0 | -25.3 | -21.3 | - 1.3 | - 2.7 | - 8.0 | - 6.7 | -17.7 | 1 |
| -20.0 | -17.3 | -20.0 | -18.6 | -22.6 | -27.9 | -22.6 | -18.6 | -21.3 | -20.0 | -17.3 | -20.0 | 0 |
| -24.0 | -21.3 | -20.0 | -21.3 | -26.6 | -26.6 | -35.9 | -31.9 | -22.6 | -20.6 | -18.6 | -24.0 | 1 |
| -25.3 | -24.0 | -21.3 | -25.3 | -35.9 | -37.2 | -27.9 | -21.3 | -22.6 | -22.6 | -20.0 | -25.7 | 0 |
| -24.0 | -21.3 | -22.6 | -24.0 | -27.9 | -29.3 | -26.6 | -24.0 | -22.6 | -20.0 | -18.6 | -24.2 | 0 |
| -24.0 | -24.0 | -26.6 | -21.3 | -25.3 | -31.9 | -26.6 | -24.0 | -22.6 | -21.3 | -20.0 | -23.9 | 0 |
| -22.6 | -22.6 | -27.9 | -26.6 | -27.9 | -26.6 | -24.0 | -24.0 | -22.6 | -22.6 | -17.3 | -22.4 | 0 |
| -22.6 | -20.0 | -20.0 | -24.0 | -26.6 | -30.6 | -31.9 | -22.6 | -21.3 | -21.3 | -18.6 | -25.5 | 0 |
| -24.0 | -21.3 | -20.0 | -21.3 | -27.9 | -35.9 | -34.6 | -27.9 | -24.0 | -20.0 | -21.3 | -25.1 | 0 |
| -25.3 | -27.9 | -30.6 | -34.6 | -34.6 | -35.9 | -34.6 | -30.6 | -24.0 | -25.3 | -20.0 | -26.2 | 0 |
| -37.2 | -34.6 | -34.6 | -37.2 | -42.6 | -37.2 | -31.9 | -25.3 | -25.3 | -24.0 | -21.3 | -30.4 | 0 |
| -27.9 | -25.3 | -25.3 | -26.6 | -29.3 | -33.2 | -35.9 | -31.9 | -21.3 | -24.0 | -22.6 | -27.8 | 0 |
| -27.9 | -26.6 | -26.6 | -26.6 | -24.0 | -24.0 | -26.6 | -27.9 | -24.0 | -26.6 | -24.0 | -27.0 | 0 |
| -26.6 | -25.3 | -26.6 | -31.9 | -34.6 | -38.6 | -27.9 | -30.6 | -30.6 | -25.3 | -21.3 | -27.3 | 0 |
| -26.6 | -26.6 | -24.0 | -24.0 | -33.2 | -26.6 | -25.3 | -25.3 | -24.0 | -24.0 | -22.6 | -26.3 | 0 |
| -26.6 | -25.3 | -26.6 | -27.9 | -38.6 | -34.6 | -25.3 | -26.6 | -24.0 | -24.0 | -22.6 | -27.3 | 0 |
| -26.6 | -26.6 | -24.0 | -25.3 | -34.6 | -34.6 | -33.2 | -31.9 | -27.9 | -27.9 | -25.3 | -28.7 | 0 |
| -29.3 | -25.3 | -24.0 | -26.6 | -30.6 | -20.0 | -22.6 | -20.0 | -17.3 | -20.0 | -20.0 | -27.9 | 1 |
| -20.0 | -20.0 | -20.0 | -24.0 | -31.9 | -34.6 | -25.3 | -25.3 | -25.3 | -24.0 | -22.6 | -25.8 | 0 |
| -27.9 | -29.3 | -25.3 | -27.9 | -34.6 | -31.9 | -27.9 | -25.3 | -29.3 | -29.3 | -25.3 | -28.9 | 1 |
| -26.6 | -25.3 | -31.9 | -30.6 | -27.9 | -30.6 | -27.9 | -27.9 | -29.3 | -29.3 | -22.6 | -27.2 | 0 |
| -30.6 | -26.6 | -33.2 | -38.6 | -41.2 | -38.6 | -35.9 | -30.6 | -29.3 | -29.3 | -27.9 | -33.0 | 0 |
| -22.9 | -20.9 | -22.4 | -24.2 | -29.0 | -28.9 | -25.5 | -22.6 | -20.8 | -20.5 | -18.2 | -23.1 | |
| 0.2 | 2.2 | 0.7 | - 1.1 | - 5.9 | - 5.8 | - 2.4 | 0.5 | 2.3 | 2.6 | 4.9 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.6 | 58.5 | 58.4 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 59.1 | 58.6 | 58.1 | 57.9 | 57.3 | 56.6 | 56.2 |
| 2 | 56.3 | 56.2 | 56.1 | 55.6 | 56.0 | 56.2 | 56.1 | 56.2 | 56.9 | 57.1 | 56.5 | 56.6 | 56.6 | 55.9 | 55.5 |
| 3 | 56.4 | 56.3 | 56.7 | 56.8 | 57.6 | 57.9 | 58.8 | 59.0 | 58.9 | 59.5 | 59.1 | 58.7 | 58.6 | 58.3 | 57.6 |
| 4 | 58.3 | 58.0 | 57.9 | 57.8 | 57.8 | 57.8 | 58.3 | 58.6 | 58.7 | 58.7 | 58.5 | 57.9 | 57.8 | 57.0 | 56.8 |
| 5 | 56.0 | 56.0 | 55.9 | 55.9 | 55.9 | 55.9 | 56.3 | 56.6 | 56.9 | 56.8 | 56.6 | 56.0 | 55.7 | 54.8 | 54.8 |
| 6 | 54.8 | 54.4 | 54.4 | 54.2 | 54.3 | 54.6 | 54.7 | 54.8 | 54.8 | 55.9 | 56.8 | 56.9 | 57.1 | 57.8 | 57.9 |
| 7 | 63.3 | 63.3 | 63.2 | 63.3 | 64.1 | 64.3 | 65.2 | 65.3 | 65.4 | 66.0 | 65.8 | 66.1 | 65.6 | 65.6 | 65.5 |
| 8 | 65.2 | 65.0 | 64.6 | 64.1 | 64.1 | 64.4 | 64.9 | 65.1 | 65.1 | 65.0 | 64.9 | 64.2 | 63.9 | 63.0 | 62.8 |
| 9 | 60.9 | 60.9 | 61.0 | 60.9 | 60.9 | 61.0 | 61.2 | 61.9 | 62.1 | 62.0 | 61.4 | 60.9 | 60.6 | 59.7 | 59.8 |
| 10 | 57.2 | 57.2 | 56.8 | 56.2 | 56.2 | 56.2 | 56.6 | 57.1 | 57.5 | 57.4 | 57.0 | 56.8 | 56.0 | 55.6 | 54.8 |
| 11 | 55.6 | 55.6 | 55.6 | 55.6 | 56.5 | 56.5 | 56.5 | 56.6 | 57.3 | 58.0 | 58.1 | 58.0 | 57.8 | 57.9 | 58.1 |
| 12 | 61.7 | 61.6 | 61.6 | 61.7 | 62.3 | 62.5 | 62.6 | 62.7 | 63.4 | 63.1 | 62.0 | 61.7 | 61.3 | 61.0 | 60.4 |
| 13 | 61.7 | 61.8 | 61.8 | 61.5 | 61.6 | 61.8 | 61.9 | 62.6 | 62.8 | 63.1 | 62.7 | 62.4 | 61.7 | 61.4 | 61.4 |
| 14 | 61.9 | 62.0 | 62.1 | 62.0 | 62.1 | 62.4 | 63.0 | 63.1 | 63.3 | 63.7 | 63.9 | 63.3 | 63.2 | 63.1 | 62.9 |
| 15 | 63.7 | 63.7 | 63.5 | 63.6 | 63.7 | 63.7 | 63.9 | 64.0 | 63.9 | 63.9 | 63.6 | 63.2 | 62.2 | 62.0 | 61.2 |
| 16 | 61.8 | 61.8 | 61.6 | 61.5 | 61.6 | 61.7 | 61.7 | 61.8 | 61.7 | 61.6 | 60.8 | 60.8 | 60.5 | 59.8 | 59.7 |
| 17 | 59.9 | 59.6 | 59.2 | 59.3 | 59.9 | 60.2 | 60.4 | 60.4 | 61.2 | 61.1 | 60.6 | 59.9 | 59.8 | 58.8 | 58.7 |
| 18 | 59.8 | 59.8 | 59.7 | 59.8 | 59.9 | 59.9 | 60.5 | 60.9 | 60.8 | 60.8 | 60.6 | 60.2 | 59.4 | 59.2 | 58.3 |
| 19 | 59.5 | 59.4 | 59.3 | 59.2 | 59.5 | 59.6 | 59.7 | 60.6 | 60.7 | 61.0 | 60.6 | 60.5 | 60.0 | 59.4 | 59.1 |
| 20 | 59.2 | 58.8 | 58.7 | 58.7 | 58.7 | 58.7 | 58.9 | 59.3 | 59.5 | 59.3 | 58.6 | 58.4 | 57.4 | 57.1 | 56.2 |
| 21 | 55.5 | 54.9 | 54.7 | 54.7 | 54.7 | 55.0 | 55.5 | 55.8 | 55.7 | 55.6 | 55.4 | 55.3 | 54.2 | 54.0 | 53.2 |
| 22 | 57.0 | 57.3 | 57.8 | 58.0 | 59.0 | 59.9 | 60.9 | 61.3 | 62.1 | 63.1 | 63.1 | 63.0 | 63.0 | 62.8 | 62.8 |
| 23 | 66.5 | 66.8 | 66.9 | 67.2 | 67.4 | 67.4 | 67.4 | 68.2 | 68.3 | 68.4 | 68.1 | 68.1 | 67.3 | 67.0 | 66.3 |
| 24 | 66.1 | 65.8 | 65.2 | 65.2 | 65.3 | 65.7 | 66.2 | 66.2 | 66.1 | 66.0 | 65.6 | 64.9 | 63.9 | 63.6 | 62.7 |
| 25 | 63.0 | 62.9 | 62.3 | 62.2 | 62.1 | 62.3 | 62.9 | 63.2 | 63.2 | 63.2 | 62.3 | 62.3 | 61.3 | 60.4 | 60.4 |
| 26 | 59.0 | 58.8 | 58.6 | 58.6 | 58.6 | 58.6 | 58.9 | 59.4 | 59.5 | 59.6 | 59.6 | 58.8 | 58.8 | 57.9 | 57.9 |
| 27 | 58.0 | 57.6 | 57.2 | 57.3 | 57.2 | 57.9 | 58.3 | 58.4 | 58.3 | 58.3 | 58.1 | 57.5 | 57.1 | 56.1 | 56.0 |
| 28 | 55.0 | 55.1 | 55.1 | 55.3 | 55.2 | 55.7 | 55.4 | 55.6 | 56.5 | 56.3 | 56.3 | 55.1 | 54.2 | 53.2 | 53.0 |
| 29 | 53.4 | 52.7 | 52.4 | 53.1 | 53.3 | 54.2 | 54.2 | 55.0 | 55.0 | 55.0 | 55.0 | 54.5 | 53.8 | 53.1 | 52.9 |
| 30 | 53.5 | 53.4 | 52.8 | 52.7 | 55.7 | 55.3 | 54.5 | 54.6 | 55.3 | 54.7 | 54.3 | 54.1 | 54.0 | 53.8 | 53.9 |
| 31 | 57.2 | 57.2 | 57.2 | 57.3 | 57.4 | 58.3 | 58.4 | 58.6 | 59.2 | 59.0 | 59.0 | 58.7 | 58.5 | 57.8 | 57.8 |
| Prom | 59.2 | 59.1 | 59.0 | 58.9 | 59.3 | 59.2 | 59.7 | 60.0 | 60.3 | 60.4 | 60.1 | 59.8 | 59.3 | 58.8 | 58.5 |

## 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 | 19.4 | 18.8 | 18.1 | 17.8 | 17.6 | 17.2 | 18.8 | 20.7 | 22.6 | 24.8 | 26.8 | 28.6 | 29.7 | 29.9 | 30.2 |
| 2 | 20.7 | 19.9 | 19.6 | 18.9 | 18.6 | 17.8 | 18.9 | 22.2 | 24.8 | 27.0 | 28.9 | 29.8 | 30.1 | 30.8 | 30.8 |
| 3 | 19.5 | 18.9 | 18.0 | 19.1 | 19.2 | 19.3 | 19.4 | 21.3 | 23.4 | 26.2 | 27.5 | 28.2 | 29.1 | 29.1 | 28.8 |
| 4 | 20.7 | 20.7 | 20.6 | 19.7 | 19.6 | 20.4 | 22.4 | 24.4 | 26.5 | 28.5 | 29.7 | 30.7 | 30.9 | 31.6 | 31.8 |
| 5 | 24.8 | 24.0 | 23.8 | 23.6 | 23.7 | 23.1 | 23.1 | 24.9 | 26.9 | 27.8 | 28.5 | 29.8 | 29.8 | 29.7 | 30.4 |
| 6 | 20.9 | 20.3 | 20.8 | 20.4 | 19.9 | 19.8 | 19.7 | 20.5 | 20.5 | 19.9 | 19.0 | 20.6 | 21.7 | 22.4 | 22.4 |
| 7 | 13.9 | 12.9 | 12.7 | 12.7 | 11.8 | 11.3 | 11.6 | 14.7 | 16.6 | 18.2 | 18.7 | 19.4 | 19.9 | 20.1 | 19.6 |
| 8 | 14.5 | 13.5 | 11.8 | 10.7 | 9.8 | 9.7 | 10.5 | 17.7 | 19.4 | 20.8 | 21.0 | 21.8 | 22.2 | 22.3 | 22.7 |
| 9 | 16.5 | 16.1 | 16.0 | 15.2 | 15.2 | 15.3 | 15.8 | 17.8 | 19.3 | 20.3 | 20.6 | 22.0 | 22.0 | 22.0 | 23.1 |
| 10 | 21.4 | 21.4 | 21.3 | 21.2 | 20.6 | 20.2 | 20.2 | 22.1 | 22.9 | 22.9 | 23.9 | 23.9 | 24.7 | 25.5 | 24.8 |
| 11 | 19.0 | 19.0 | 19.0 | 19.0 | 18.1 | 17.8 | 17.2 | 17.2 | 17.1 | 17.8 | 17.8 | 18.5 | 18.3 | 17.4 | 16.5 |
| 12 | 14.0 | 13.1 | 12.9 | 12.3 | 12.1 | 12.0 | 10.9 | 10.9 | 14.1 | 15.3 | 16.8 | 17.5 | 17.8 | 18.5 | 18.7 |
| 13 | 11.9 | 11.8 | 11.2 | 11.2 | 11.2 | 11.4 | 11.5 | 13.6 | 15.7 | 16.4 | 16.3 | 16.3 | 16.5 | 18.2 | 18.0 |
| 14 | 12.8 | 12.8 | 12.8 | 12.6 | 12.3 | 11.8 | 12.6 | 16.1 | 17.8 | 18.8 | 19.6 | 19.8 | 19.8 | 19.7 | 18.8 |
| 15 | 14.1 | 14.1 | 14.0 | 14.1 | 14.2 | 14.3 | 16.9 | 19.2 | 20.2 | 21.2 | 22.0 | 22.1 | 23.1 | 23.2 | 23.4 |
| 16 | 17.2 | 17.2 | 16.3 | 16.1 | 15.5 | 16.0 | 16.2 | 18.3 | 19.9 | 22.2 | 23.2 | 24.1 | 24.6 | 25.1 | 25.1 |
| 17 | 16.4 | 17.0 | 17.1 | 17.0 | 17.0 | 16.9 | 16.8 | 19.8 | 22.0 | 23.9 | 24.9 | 26.7 | 27.2 | 27.8 | 27.8 |
| 18 | 17.7 | 16.7 | 15.7 | 16.1 | 16.2 | 15.8 | 16.3 | 19.9 | 22.8 | 24.8 | 26.8 | 28.3 | 28.7 | 29.3 | 28.8 |
| 19 | 19.2 | 18.9 | 17.8 | 17.6 | 17.6 | 16.6 | 16.6 | 20.4 | 22.6 | 24.7 | 26.5 | 27.6 | 28.5 | 29.0 | 28.5 |
| 20 | 18.6 | 17.9 | 17.8 | 15.9 | 14.9 | 13.9 | 16.6 | 20.3 | 22.8 | 24.9 | 26.8 | 27.8 | 28.3 | 28.8 | 28.8 |
| 21 | 19.8 | 19.1 | 18.5 | 17.2 | 16.4 | 16.4 | 16.5 | 19.4 | 22.3 | 24.4 | 26.1 | 27.2 | 27.9 | 28.6 | 28.7 |
| 22 | 19.2 | 18.9 | 18.5 | 16.8 | 15.8 | 14.9 | 14.9 | 15.7 | 16.8 | 17.8 | 18.8 | 19.6 | 20.4 | 20.6 | 20.7 |
| 23 | 11.2 | 10.7 | 9.8 | 8.8 | 7.9 | 7.4 | 7.6 | 12.0 | 13.9 | 15.7 | 16.3 | 17.1 | 18.3 | 18.8 | 19.1 |
| 24 | 6.9 | 6.5 | 5.2 | 4.4 | 4.2 | 3.4 | 5.1 | 12.5 | 14.5 | 16.5 | 18.1 | 18.2 | 19.1 | 19.1 | 19.2 |
| 25 | 15.1 | 15.2 | 15.2 | 15.0 | 14.0 | 13.1 | 13.9 | 17.0 | 19.0 | 21.0 | 22.1 | 22.3 | 23.0 | 23.4 | 23.4 |
| 26 | 15.5 | 15.5 | 16.6 | 16.6 | 16.6 | 16.5 | 16.6 | 19.5 | 21.6 | 23.8 | 25.8 | 26.9 | 27.8 | 28.3 | 27.9 |
| 27 | 19.3 | 18.8 | 18.7 | 17.9 | 18.4 | 18.9 | 19.9 | 21.8 | 22.9 | 23.1 | 23.9 | 26.0 | 26.0 | 26.2 | 26.2 |
| 28 | 20.9 | 20.7 | 19.8 | 19.4 | 18.9 | 18.8 | 18.7 | 19.5 | 19.5 | 19.4 | 19.2 | 19.2 | 19.3 | 19.5 | 19.9 |
| 29 | 17.8 | 17.5 | 17.1 | 16.3 | 16.1 | 16.2 | 15.4 | 16.4 | 17.4 | 19.4 | 20.5 | 21.3 | 23.4 | 23.4 | 23.9 |
| 30 | 13.7 | 13.7 | 13.6 | 13.5 | 14.5 | 13.6 | 13.1 | 13.7 | 14.1 | 17.9 | 19.2 | 20.7 | 20.9 | 20.9 | 20.0 |
| 31 | 7.9 | 7.8 | 7.0 | 6.8 | 7.1 | 7.1 | 7.3 | 11.2 | 14.1 | 17.0 | 18.0 | 18.7 | 19.0 | 19.0 | 18.2 |
| Prom | 16.8 | 16.4 | 16.0 | 15.6 | 15.3 | 15.1 | 15.5 | 18.1 | 19.8 | 21.4 | 22.4 | 23.2 | 23.8 | 24.1 | 24.1 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55.9 | 56.0 | 56.1 | 56.3 | 56.4 | 56.5 | 56.6 | 56.4 | 56.4 | 59.1 | 9 | 55.9 | 16 | 3.2 | 757.4 mm. | 1009.8 mb. |
| 55.2 | 55.1 | 54.8 | 54.5 | 54.4 | 54.4 | 54.4 | 56.2 | 56.4 | 57.1 | 10 | 54.4 | 20,21 | 2.7 | 55.8 | 1007.7 |
| 57.6 | 57.7 | 57.8 | 57.8 | 58.6 | 58.8 | 58.8 | 58.8 | 58.7 | 59.5 | 10 | 56.4 | 0,1 | 3.1 | 58.1 | 1010.8 |
| 56.7 | 56.3 | 55.9 | 55.9 | 56.0 | 56.6 | 56.7 | 56.4 | 56.3 | 58.7 | varios | 55.9 | 18,19 | 2.8 | 57.4 | 1009.8 |
| 54.9 | 54.3 | 54.7 | 55.1 | 55.3 | 55.4 | 55.3 | 55.3 | 55.1 | 56.9 | 9 | 54.3 | 17 | 2.6 | 55.6 | 1007.4 |
| 58.1 | 58.2 | 59.1 | 60.2 | 61.2 | 62.2 | 62.4 | 63.2 | 63.2 | 63.2 | 23,24 | 54.2 | 4 | 9.0 | 57.6 | 1010.1 |
| 65.5 | 65.4 | 65.1 | 65.3 | 65,2 | 65.2 | 65.2 | 65.2 | 65.2 | 66.1 | 12 | 63.2 | 0,3 | 2.9 | 65.0 | 1020.0 |
| 61.8 | 61.8 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 60.9 | 61.0 | 65.2 | 0,1 | 60.9 | 23 | 4.3 | 63.3 | 1017.7 |
| 58.0 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 57.9 | 57.5 | 52.1 | 9 | 57.5 | 24 | 4.6 | 59.8 | 1013.0 |
| 54.9 | 55.1 | 55.3 | 55.6 | 56.8 | 56.7 | 56.2 | 55.8 | 55.9 | 57.5 | 0,9 | 54.8 | 15 | 2.7 | 56.3 | 1008.4 |
| 59.0 | 59.2 | 59.3 | 60.3 | 60.6 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 23,24 | 55.6 | varios | 6.0 | 58.3 | 1011.0 |
| 60.5 | 61.1 | 61.4 | 61.3 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 63.4 | 9 | 60.4 | 15 | 3.0 | 61.8 | 1015.7 |
| 60.7 | 60.6 | 60.7 | 60.8 | 61.4 | 61.8 | 61.9 | 61.9 | 61.9 | 63.1 | 10 | 60.6 | 17 | 2.5 | 61.8 | 1015.7 |
| 62.8 | 62.8 | 62.7 | 62.7 | 63.4 | 63.5 | 63.7 | 63.6 | 63.6 | 63.9 | 11 | 61.9 | 0,1 | 2.0 | 63.0 | 1017.3 |
| 61.3 | 61.4 | 61.5 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 64.0 | 8 | 61.2 | 15 | 2.8 | 62.7 | 1016.9 |
| 59.3 | 59.2 | 58.9 | 58.9 | 59.7 | 59.8 | 59.9 | 59.9 | 60.0 | 61.8 | varios | 58.9 | 18,19 | 2.9 | 60.6 | 1014.1 |
| 58.8 | 58.8 | 58.8 | 58.9 | 59.0 | 59.7 | 59.9 | 59.9 | 59.9 | 61.2 | 9 | 58.7 | 15 | 2.5 | 59.7 | 1012.9 |
| 58.4 | 58.4 | 58.4 | 58.5 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 60.9 | 8 | 58.3 | 15 | 2.6 | 59.6 | 1012.8 |
| 58.5 | 58.4 | 58.4 | 58.4 | 58.9 | 59.2 | 59.2 | 59.2 | 59.0 | 61.0 | 10 | 58.4 | varios | 2.6 | 59.5 | 1012.6 |
| 56.3 | 56.1 | 55.8 | 55.9 | 56.3 | 56.4 | 56.3 | 55.6 | 55.5 | 59.5 | 9 | 55.8 | 18 | 3.7 | 57.6 | 1010.1 |
| 53.3 | 52.6 | 53.4 | 54.4 | 54.6 | 55.6 | 55.5 | 55.8 | 56.8 | 56.8 | 24 | 52.6 | 17 | 4.2 | 54.8 | 1006.4 |
| 62.8 | 63.3 | 63.7 | 63.7 | 64.6 | 65.5 | 65.6 | 65.9 | 66.5 | 66.5 | 24 | 56.8 | 0 | 9.7 | 62.2 | 1016.2 |
| 66.0 | 65.9 | 65.6 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 68.4 | 10 | 65.6 | 18 | 2.8 | 66.9 | 1022.5 |
| 62.8 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 62.6 | 7,8 | 62.7 | 15 | 3.5 | 64.4 | 1019.2 |
| 59.7 | 59.7 | 59.8 | 60.0 | 60.0 | 60.0 | 59.9 | 59.8 | 59.7 | 63.2 | varios | 59.7 | varios | 3.5 | 61.4 | 1015.2 |
| 57.0 | 56.9 | 57.9 | 58.0 | 58.0 | 58.1 | 58.1 | 58.8 | 58.1 | 59.7 | 0 | 56.9 | 17 | 2.8 | 58.5 | 1011.3 |
| 56.8 | 56.8 | 57.7 | 56.8 | 56.6 | 54.8 | 54.9 | 56.8 | 55.9 | 58.4 | 8 | 54.8 | 21 | 3.6 | 57.1 | 1009.4 |
| 53.3 | 53.4 | 53.4 | 53.4 | 53.6 | 53.6 | 53.5 | 53.4 | 53.4 | 56.5 | 9 | 53.0 | 15 | 3.5 | 54.5 | 1006.0 |
| 52.8 | 53.0 | 53.3 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.6 | 55.0 | varios | 52.3 | 2-3 | 2.7 | 53.7 | 1004.9 |
| 54.0 | 54.3 | 55.0 | 55.2 | 56.2 | 56.6 | 57.1 | 57.1 | 57.2 | 57.2 | 24 | 52.7 | 4 | 4.5 | 54.8 | 1006.4 |
| 57.8 | 58.5 | 59.3 | 59.6 | 60.4 | 60.5 | 60.7 | 60.7 | 60.6 | 60.7 | 22,23 | 57.2 | varios | 3.5 | 58.7 | 1011.6 |
| 58.4 | 58.4 | 58.6 | 58.7 | 59.1 | 59.3 | 59.3 | 59.4 | 59.4 | 61.1 | | 57.5 | | 3.6 | 59.3 | 1012.4 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.8 | 29.7 | 28.2 | 25.8 | 22.9 | 21.7 | 21.7 | 22.6 | 21.7 | 30.2 | 15 | 17.2 | 6 | 13.0 | 23.6 |
| 30.7 | 29.8 | 28.7 | 25.5 | 23.2 | 21.6 | 20.8 | 20.7 | 19.8 | 30.8 | 14,15 | 17.8 | 6 | 13.0 | 24.2 |
| 28.1 | 27.1 | 25.1 | 23.0 | 21.9 | 20.9 | 20.8 | 20.7 | 20.7 | 29.1 | 13,14 | 17.9 | 3-4 | 11.2 | 23.1 |
| 31.8 | 29.8 | 27.8 | 26.2 | 25.6 | 24.9 | 24.8 | 24.8 | 24.8 | 31.8 | 15,16 | 19.4 | 5 | 12.2 | 25.8 |
| 25.0 | 25.8 | 25.0 | 24.2 | 23.3 | 23.2 | 22.2 | 22.0 | 21.0 | 30.6 | 14-15 | 21.0 | 24 | 9.6 | 25.2 |
| 22.2 | 22.0 | 19.9 | 19.1 | 18.2 | 17.8 | 16.9 | 15.4 | 14.8 | 22.5 | 16-17 | 14.8 | 24 | 7.7 | 19.8 |
| 19.3 | 18.9 | 18.2 | 17.2 | 16.1 | 15.4 | 15.3 | 15.3 | 14.6 | 20.1 | 14 | 11.1 | 6-7 | 9.0 | 16.0 |
| 23.1 | 22.0 | 20.9 | 18.8 | 16.7 | 15.9 | 14.9 | 13.8 | 12.9 | 23.1 | 16 | 9.7 | 6 | 13.4 | 17.0 |
| 23.1 | 23.2 | 22.2 | 21.3 | 20.4 | 20.5 | 20.3 | 20.3 | 21.3 | 23.4 | 15-16 | 12.9 | 0 | 10.5 | 19.6 |
| 24.0 | 23.3 | 22.8 | 22.8 | 21.9 | 21.6 | 20.7 | 19.5 | 19.0 | 25.7 | 14-15 | 19.0 | 24 | 6.7 | 22.2 |
| 15.8 | 15.9 | 15.8 | 15.2 | 15.3 | 15.2 | 15.1 | 14.7 | 14.1 | 19.0 | varios | 14.1 | 24 | 4.9 | 17.0 |
| 18.4 | 18.0 | 16.9 | 15.3 | 13.5 | 12.7 | 12.8 | 12.6 | 12.0 | 18.7 | 15 | 10.9 | 7,8 | 7.8 | 14.6 |
| 18.1 | 18.0 | 17.4 | 16.0 | 14.2 | 13.0 | 12.1 | 12.6 | 12.9 | 18.2 | 14 | 11.2 | varios | 7.0 | 14.4 |
| 18.9 | 19.0 | 18.8 | 18.0 | 17.3 | 16.3 | 15.3 | 14.8 | 14.1 | 20.4 | 11-12 | 11.8 | 6 | 8.6 | 16.3 |
| 23.3 | 22.6 | 21.0 | 19.3 | 19.0 | 18.2 | 18.1 | 18.1 | 18.1 | 23.4 | 15 | 14.0 | 3 | 9.4 | 18.9 |
| 24.3 | 24.1 | 22.3 | 20.1 | 18.3 | 17.8 | 17.2 | 16.1 | 15.1 | 25.2 | 14-15 | 15.1 | 24 | 10.1 | 19.7 |
| 27.6 | 26.6 | 25.4 | 22.8 | 20.4 | 20.3 | 19.8 | 19.6 | 18.6 | 28.1 | 14-15 | 15.1 | 0 | 13.0 | 21.6 |
| 28.8 | 27.6 | 25.7 | 23.6 | 21.8 | 20.8 | 20.6 | 19.7 | 18.7 | 29.4 | 14-15 | 15.7 | 3 | 13.7 | 22.1 |
| 28.5 | 27.7 | 25.8 | 23.0 | 22.0 | 21.2 | 21.0 | 20.5 | 19.9 | 29.0 | 14 | 16.6 | 6,7 | 12.4 | 22.6 |
| 28.2 | 27.7 | 25.9 | 23.0 | 21.9 | 21.0 | 21.0 | 20.8 | 20.2 | 28.8 | 14,15 | 13.9 | 6 | 14.9 | 22.2 |
| 28.0 | 26.9 | 24.8 | 21.8 | 19.8 | 20.9 | 20.1 | 19.2 | 18.8 | 28.7 | 15 | 16.4 | 5,6 | 12.3 | 22.0 |
| 20.6 | 20.1 | 18.9 | 16.7 | 13.9 | 13.8 | 13.8 | 12.9 | 12.0 | 20.7 | 15 | 12.0 | 24 | 8.7 | 17.2 |
| 19.0 | 18.0 | 16.7 | 13.6 | 11.2 | 9.8 | 8.6 | 7.8 | 6.9 | 19.1 | 15 | 6.9 | 24 | 12.2 | 12.8 |
| 19.7 | 19.1 | 17.3 | 15.1 | 12.1 | 11.0 | 11.0 | 11.0 | 14.9 | 19.7 | 16 | 3.3 | 6-7 | 16.4 | 12.7 |
| 24.0 | 23.1 | 21.0 | 19.1 | 18.0 | 17.4 | 16.9 | 16.7 | 15.8 | 24.0 | 16 | 13.0 | 6-7 | 11.0 | 18.5 |
| 26.8 | 25.8 | 23.9 | 22.7 | 21.7 | 20.7 | 20.7 | 20.7 | 19.8 | 28.3 | 14 | 15.2 | 0-1 | 13.1 | 21.6 |
| 26.1 | 25.1 | 22.1 | 20.1 | 20.1 | 21.0 | 21.4 | 20.9 | 20.9 | 26.5 | 14-15 | 17.9 | 4 | 8.6 | 21.9 |
| 20.0 | 19.9 | 19.8 | 19.7 | 19.1 | 18.4 | 18.3 | 18.0 | 17.9 | 21.0 | 0-1 | 17.9 | 24 | 3.1 | 19.3 |
| 24.2 | 24.0 | 21.8 | 18.8 | 17.0 | 15.6 | 15.2 | 14.6 | 14.2 | 24.2 | 16 | 14.2 | 24 | 10.0 | 18.6 |
| 19.3 | 18.1 | 16.8 | 14.3 | 11.9 | 10.7 | 9.7 | 8.8 | 8.1 | 20.9 | 13,14 | 8.1 | 24 | 12.8 | 15.0 |
| 17.6 | 16.4 | 15.2 | 14.0 | 11.3 | 10.3 | 9.3 | 8.3 | 7.4 | 19.2 | 13-14 | 6.8 | 4 | 12.4 | 12.3 |
| 23.7 | 23.1 | 21.7 | 19.9 | 18.4 | 17.7 | 17.3 | 16.9 | 16.5 | 24.5 | | 13.9 | | 10.6 | 19.3 |

## HUMEDAD RELATIVA en %

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 76 | 77 | 76 | 70 | 70 | 72 | 70 | 69 | 66 | 65 | 60 | 57 | 50 | 49 | 45 |
| 2 | 75 | 76 | 80 | 84 | 92 | 93 | 88 | 82 | 74 | 67 | 62 | 53 | 50 | 51 | 51 |
| 3 | 93 | 94 | 95 | 96 | 95 | 94 | 97 | 91 | 80 | 70 | 68 | 62 | 59 | 62 | 65 |
| 4 | 94 | 95 | 96 | 96 | 96 | 97 | 88 | 78 | 77 | 71 | 66 | 63 | 60 | 60 | 56 |
| 5 | 70 | 70 | 71 | 74 | 74 | 79 | 81 | 76 | 72 | 71 | 71 | 65 | 65 | 67 | 64 |
| 6 | 94 | 94 | 96 | 96 | 96 | 93 | 92 | 92 | 88 | 90 | 95 | 83 | 78 | 72 | 71 |
| 7 | 91 | 93 | 94 | 91 | 94 | 96 | 95 | 80 | 70 | 66 | 61 | 59 | 56 | 54 | 57 |
| 8 | 86 | 91 | 92 | 96 | 96 | 96 | 95 | 72 | 63 | 54 | 55 | 52 | 50 | 50 | 50 |
| 9 | 71 | 75 | 78 | 78 | 81 | 85 | 80 | 72 | 66 | 63 | 61 | 58 | 59 | 59 | 56 |
| 10 | 73 | 72 | 77 | 78 | 83 | 88 | 88 | 84 | 82 | 82 | 82 | 80 | 78 | 76 | 77 |
| 11 | 97 | 97 | 95 | 96 | 94 | 96 | 97 | 97 | 96 | 92 | 92 | 90 | 96 | 96 | 95 |
| 12 | 84 | 85 | 88 | 85 | 85 | 84 | 93 | 87 | 73 | 68 | 64 | 61 | 62 | 59 | 58 |
| 13 | 93 | 94 | 98 | 98 | 96 | 95 | 90 | 84 | 76 | 76 | 80 | 81 | 75 | 66 | 78 |
| 14 | 84 | 87 | 86 | 88 | 92 | 92 | 92 | 73 | 67 | 67 | 63 | 62 | 63 | 64 | 72 |
| 15 | 92 | 93 | 95 | 95 | 96 | 99 | 88 | 76 | 70 | 64 | 58 | 57 | 55 | 53 | 51 |
| 16 | 76 | 76 | 81 | 86 | 87 | 89 | 89 | 82 | 72 | 66 | 60 | 51 | 42 | 38 | 50 |
| 17 | 95 | 88 | 88 | 88 | 91 | 94 | 93 | 85 | 74 | 72 | 68 | 62 | 55 | 50 | 50 |
| 18 | 94 | 96 | 95 | 95 | 85 | 84 | 82 | 72 | 69 | 61 | 55 | 49 | 45 | 44 | 45 |
| 19 | 89 | 89 | 94 | 89 | 89 | 90 | 90 | 77 | 68 | 57 | 52 | 45 | 43 | 41 | 41 |
| 20 | 87 | 83 | 84 | 89 | 95 | 96 | 86 | 78 | 68 | 62 | 55 | 50 | 45 | 48 | 40 |
| 21 | 91 | 72 | 73 | 79 | 83 | 85 | 90 | 76 | 64 | 59 | 52 | 48 | 45 | 40 | 39 |
| 22 | 75 | 86 | 86 | 81 | 81 | 81 | 82 | 77 | 71 | 61 | 54 | 44 | 38 | 41 | 40 |
| 23 | 85 | 89 | 89 | 92 | 96 | 100 | 100 | 76 | 62 | 60 | 57 | 52 | 47 | 44 | 44 |
| 24 | 97 | 97 | 97 | 98 | 98 | 98 | 99 | 76 | 68 | 59 | 56 | 52 | 48 | 47 | 35 |
| 25 | 81 | 77 | 72 | 77 | 82 | 92 | 88 | 78 | 67 | 57 | 55 | 50 | 48 | 48 | 48 |
| 26 | 97 | 93 | 83 | 84 | 83 | 83 | 86 | 72 | 63 | 61 | 57 | 56 | 53 | 48 | 48 |
| 27 | 90 | 91 | 91 | 91 | 91 | 92 | 95 | 86 | 77 | 76 | 71 | 69 | 65 | 63 | 66 |
| 28 | 86 | 89 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 97 | 97 | 97 | 96 | 96 | 97 |
| 29 | 100 | 100 | 100 | 99 | 97 | 98 | 98 | 98 | 89 | 76 | 70 | 67 | 60 | 58 | 56 |
| 30 | 91 | 89 | 88 | 91 | 81 | 90 | 90 | 91 | 84 | 65 | 60 | 55 | 51 | 45 | 40 |
| 31 | 81 | 81 | 81 | 75 | 74 | 74 | 70 | 59 | 47 | 40 | 32 | 28 | 26 | 25 | 28 |
| Prom. | 87 | 87 | 87 | 88 | 89 | 90 | 89 | 80 | 73 | 68 | 64 | 60 | 57 | 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 | 12.5 | 12.0 | 11.5 | 10.0 | 9.5 | 10.0 | 10.5 | 12.5 | 13.5 | 14.0 | 14.5 | 16.5 | 14.5 | 15.3 | 13.0 |
| 2 | 13.0 | 13.0 | 13.0 | 13.0 | 14.5 | 13.5 | 14.0 | 16.4 | 16.5 | 17.5 | 18.0 | 16.0 | 15.0 | 16.8 | 17.0 |
| 3 | 15.0 | 14.5 | 14.0 | 15.5 | 15.0 | 15.0 | 16.0 | 17.1 | 16.0 | 16.5 | 18.0 | 17.5 | 17.0 | 18.4 | 18.0 |
| 4 | 16.5 | 16.5 | 17.0 | 16.5 | 16.0 | 17.0 | 17.5 | 17.5 | 19.5 | 20.5 | 20.5 | 20.0 | 19.0 | 20.7 | 20.0 |
| 5 | 15.5 | 14.5 | 15.5 | 15.5 | 15.5 | 16.0 | 17.0 | 18.9 | 19.0 | 20.0 | 20.5 | 19.0 | 19.0 | 20.8 | 20.0 |
| 6 | 16.5 | 16.0 | 17.5 | 17.0 | 16.0 | 15.5 | 15.5 | 16.2 | 15.5 | 14.5 | 14.5 | 14.5 | 14.5 | 14.6 | 14.0 |
| 7 | 10.5 | 10.0 | 9.5 | 9.5 | 9.0 | 9.5 | 9.0 | 10.6 | 9.0 | 10.0 | 9.5 | 9.0 | 9.5 | 9.4 | 9.5 |
| 8 | 10.5 | 10.0 | 9.0 | 9.0 | 8.5 | 8.5 | 8.5 | 10.9 | 10.0 | 9.0 | 9.5 | 10.0 | 9.0 | 9.8 | 9.5 |
| 9 | 9.5 | 9.5 | 10.0 | 9.5 | 10.0 | 10.5 | 10.0 | 11.0 | 11.0 | 10.5 | 11.0 | 11.0 | 11.0 | 11.7 | 11.5 |
| 10 | 13.5 | 13.5 | 14.0 | 14.0 | 14.5 | 15.0 | 15.0 | 16.6 | 17.0 | 17.0 | 18.0 | 16.5 | 17.5 | 18.4 | 17.5 |
| 11 | 15.5 | 15.5 | 14.5 | 15.5 | 14.0 | 14.5 | 14.0 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 15.0 | 14.4 | 12.5 |
| 12 | 9.5 | 9.0 | 9.5 | 8.5 | 8.0 | 8.0 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.0 | 9.0 | 9.3 | 9.0 |
| 13 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.5 | 9.9 | 10.0 | 10.5 | 10.5 | 11.0 | 9.5 | 10.2 | 11.5 |
| 14 | 8.5 | 9.0 | 9.0 | 9.0 | 9.5 | 9.0 | 9.5 | 9.9 | 10.0 | 10.5 | 10.0 | 10.5 | 10.5 | 10.8 | 11.5 |
| 15 | 10.5 | 10.5 | 10.5 | 10.5 | 11.5 | 11.5 | 12.0 | 12.5 | 11.5 | 11.5 | 11.0 | 11.0 | 10.5 | 11.2 | 11.0 |
| 16 | 11.0 | 11.0 | 11.0 | 11.5 | 11.0 | 11.5 | 11.5 | 12.9 | 12.0 | 13.0 | 12.0 | 11.5 | 9.5 | 9.0 | 11.0 |
| 17 | 12.5 | 12.0 | 12.5 | 12.0 | 13.0 | 13.0 | 13.0 | 14.6 | 14.0 | 15.5 | 15.5 | 16.0 | 13.5 | 14.0 | 13.0 |
| 18 | 13.5 | 13.5 | 12.0 | 12.0 | 11.0 | 10.5 | 11.0 | 12.5 | 13.5 | 14.0 | 13.5 | 13.0 | 12.0 | 13.4 | 12.0 |
| 19 | 14.0 | 14.0 | 13.5 | 12.5 | 12.5 | 12.0 | 12.0 | 13.6 | 13.5 | 13.0 | 13.0 | 11.5 | 12.0 | 12.2 | 12.0 |
| 20 | 13.5 | 12.0 | 12.0 | 11.5 | 11.5 | 11.0 | 12.0 | 13.8 | 13.5 | 14.5 | 13.5 | 13.0 | 12.0 | 14.1 | 10.5 |
| 21 | 15.5 | 11.5 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.7 | 12.0 | 12.5 | 13.0 | 12.5 | 11.5 | 11.8 | 10.5 |
| 22 | 11.5 | 14.0 | 13.5 | 11.5 | 10.5 | 10.0 | 10.0 | 10.2 | 10.0 | 9.0 | 8.0 | 7.2 | 6.6 | 7.3 | 6.8 |
| 23 | 7.8 | 8.0 | 7.8 | 7.6 | 7.6 | 7.4 | 7.4 | 8.0 | 7.2 | 7.6 | 7.8 | 7.6 | 7.4 | 7.1 | 6.8 |
| 24 | 7.0 | 7.0 | 6.2 | 6.0 | 5.8 | 5.6 | 6.2 | 8.3 | 8.0 | 7.8 | 8.5 | 8.0 | 7.8 | 7.8 | 5.2 |
| 25 | 10.0 | 9.5 | 9.0 | 9.5 | 9.5 | 10.0 | 10.0 | 11.2 | 10.5 | 10.0 | 10.0 | 9.0 | 9.5 | 10.2 | 10.0 |
| 26 | 12.5 | 11.5 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.2 | 11.5 | 13.5 | 14.0 | 15.0 | 14.0 | 13.8 | 13.0 |
| 27 | 14.0 | 14.5 | 14.5 | 13.5 | 14.0 | 14.5 | 15.5 | 16.6 | 15.5 | 16.0 | 15.5 | 16.5 | 15.5 | 16.0 | 16.5 |
| 28 | 15.5 | 15.5 | 15.5 | 15.0 | 14.5 | 14.5 | 14.5 | 16.2 | 16.0 | 16.0 | 15.5 | 15.5 | 16.0 | 16.2 | 16.5 |
| 29 | 14.5 | 14.0 | 13.5 | 13.0 | 13.0 | 13.0 | 12.5 | 13.6 | 12.5 | 12.5 | 11.5 | 12.5 | 12.0 | 12.4 | 12.5 |
| 30 | 10.5 | 10.0 | 9.5 | 10.0 | 9.5 | 9.5 | 9.5 | 10.6 | 9.5 | 9.0 | 9.0 | 9.0 | 9.5 | 8.4 | 6.4 |
| 31 | 6.4 | 6.4 | 6.0 | 5.2 | 5.4 | 5.4 | 5.0 | 5.8 | 5.6 | 5.2 | 4.8 | 4.4 | 4.4 | 4.2 | 4.2 |
| Prom. | 12.1 | 11.8 | 11.7 | 11.4 | 11.3 | 11.4 | 11.6 | 12.7 | 12.4 | 12.7 | 12.7 | 12.5 | 12.1 | 12.6 | 12.0 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 50 | 58 | 71 | 86 | 89 | 86 | 71 | 72 | 90 | 21-22 | 45 | 15 | 45 | 67 |
| 47 | 49 | 55 | 74 | 84 | 89 | 90 | 92 | 94 | 94 | 24 | 46 | 15-16 | 48 | 73 |
| 61 | 63 | 70 | 82 | 87 | 91 | 93 | 94 | 94 | 97 | 7 | 59 | 13 | 38 | 82 |
| 55 | 64 | 68 | 69 | 70 | 75 | 79 | 83 | 84 | 97 | 6 | 52 | 15-16 | 45 | 77 |
| 75 | 78 | 85 | 87 | 91 | 90 | 92 | 95 | 95 | 95 | 23,24 | 64 | 15 | 31 | 77 |
| 73 | 80 | 89 | 89 | 88 | 88 | 83 | 84 | 89 | 96 | varios | 71 | 15 | 25 | 87 |
| 60 | 60 | 64 | 67 | 73 | 78 | 80 | 82 | 83 | 96 | 6 | 54 | 14 | 42 | 75 |
| 48 | 50 | 56 | 70 | 81 | 82 | 87 | 91 | 93 | 96 | varios | 48 | 16 | 48 | 73 |
| 56 | 60 | 70 | 76 | 81 | 81 | 86 | 80 | 71 | 93 | 0 | 54 | 15-16 | 39 | 71 |
| 82 | 87 | 90 | 93 | 94 | 93 | 94 | 95 | 97 | 97 | 24 | 71 | 0 | 26 | 84 |
| 92 | 86 | 86 | 85 | 83 | 83 | 85 | 85 | 86 | 97 | varios | 83 | 20,21 | 14 | 92 |
| 62 | 66 | 70 | 80 | 88 | 90 | 87 | 89 | 91 | 93 | 7 | 58 | 15 | 35 | 78 |
| 71 | 74 | 79 | 89 | 94 | 95 | 96 | 94 | 85 | 98 | 3,4 | 65 | 13-14 | 33 | 86 |
| 68 | 69 | 69 | 71 | 76 | 79 | 82 | 87 | 92 | 92 | varios | 61 | 11-12 | 31 | 77 |
| 52 | 59 | 68 | 77 | 84 | 86 | 89 | 76 | 71 | 99 | 6 | 51 | 15 | 48 | 75 |
| 51 | 55 | 70 | 76 | 84 | 89 | 91 | 92 | 95 | 95 | 24 | 38 | 14 | 57 | 73 |
| 50 | 52 | 61 | 76 | 86 | 91 | 91 | 91 | 92 | 95 | 0,1 | 46 | 15-16 | 49 | 77 |
| 51 | 53 | 56 | 64 | 73 | 78 | 83 | 88 | 91 | 96 | 2 | 44 | 14 | 52 | 71 |
| 39 | 40 | 50 | 55 | 69 | 75 | 80 | 86 | 87 | 94 | 3 | 39 | 16 | 55 | 68 |
| 40 | 45 | 55 | 79 | 84 | 79 | 85 | 91 | 92 | 96 | 6 | 40 | 15,16 | 56 | 72 |
| 39 | 45 | 54 | 74 | 80 | 64 | 74 | 80 | 80 | 92 | 0 | 38 | 15-16 | 54 | 66 |
| 40 | 43 | 48 | 64 | 74 | 75 | 76 | 77 | 81 | 86 | 2,3 | 38 | 13 | 48 | 66 |
| 44 | 45 | 52 | 70 | 81 | 86 | 94 | 96 | 96 | 100 | 6,7 | 44 | varios | 56 | 73 |
| 47 | 53 | 65 | 75 | 86 | 91 | 91 | 96 | 82 | 99 | 7 | 35 | 15 | 64 | 76 |
| 49 | 52 | 60 | 76 | 87 | 91 | 95 | 97 | 97 | 97 | 23,24 | 47 | 12-13 | 50 | 72 |
| 48 | 51 | 57 | 63 | 72 | 76 | 76 | 85 | 90 | 97 | 0,1 | 48 | varios | 49 | 70 |
| 67 | 73 | 87 | 100 | 99 | 92 | 86 | 95 | 90 | 100 | 19 | 63 | 14 | 37 | 84 |
| 94 | 95 | 96 | 96 | 100 | 99 | 100 | 100 | 100 | 100 | varios | 84 | 0-1 | 16 | 96 |
| 52 | 55 | 71 | 86 | 92 | 92 | 92 | 92 | 91 | 100 | varios | 52 | 16 | 48 | 83 |
| 36 | 36 | 46 | 56 | 67 | 75 | 78 | 81 | 81 | 91 | varios | 35 | 16-17 | 56 | 70 |
| 29 | 34 | 39 | 50 | 60 | 69 | 70 | 76 | 79 | 82 | 2-3 | 24 | 13-14 | 58 | 55 |
| 56 | 59 | 66 | 75 | 82 | 84 | 86 | 88 | 88 | 95 | | 51 | | 44 | 76 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.5 | 14.5 | 16.0 | 17.5 | 17.9 | 16.5 | 16.5 | 14.5 | 13.5 | 17.9 | 20 | 9.5 | 5 | 8.4 | 13.8 |
| 15.5 | 14.5 | 15.0 | 17.0 | 17.9 | 16.5 | 15.5 | 16.5 | 15.5 | 18.0 | 11 | 13.0 | varios | 5.0 | 15.5 |
| 17.5 | 16.5 | 15.5 | 17.0 | 17.2 | 16.5 | 16.5 | 16.5 | 16.5 | 18.4 | 14 | 14.0 | 3 | 4.4 | 16.4 |
| 18.0 | 19.0 | 18.5 | 16.5 | 17.1 | 16.5 | 17.5 | 19.0 | 19.0 | 20.7 | 14 | 16.0 | 5 | 4.7 | 18.2 |
| 16.5 | 19.0 | 19.0 | 19.5 | 19.4 | 18.0 | 18.0 | 18.0 | 16.5 | 20.8 | 14 | 14.5 | 2 | 6.3 | 17.9 |
| 14.0 | 15.0 | 14.5 | 14.0 | 13.7 | 13.0 | 11.5 | 10.5 | 10.5 | 17.5 | 3 | 10.5 | 23,24 | 7.0 | 14.5 |
| 9.0 | 9.0 | 8.5 | 9.5 | 9.9 | 9.5 | 9.5 | 10.5 | 10.0 | 10.6 | 8 | 8.5 | 18 | 2.1 | 9.5 |
| 9.5 | 9.0 | 10.0 | 10.5 | 11.5 | 10.0 | 10.5 | 10.5 | 10.0 | 11.5 | 20 | 8.5 | varios | 3.0 | 9.7 |
| 11.5 | 12.0 | 13.0 | 14.0 | 14.5 | 14.5 | 15.0 | 13.5 | 13.5 | 15.0 | 22 | 9.5 | varios | 5.5 | 11.6 |
| 18.0 | 18.5 | 17.5 | 18.5 | 18.5 | 17.5 | 16.5 | 15.0 | 15.5 | 18.5 | varios | 13.5 | varios | 5.0 | 16.4 |
| 12.0 | 11.5 | 11.5 | 10.0 | 10.2 | 10.0 | 10.0 | 10.0 | 10.0 | 15.5 | varios | 10.0 | varios | 5.5 | 12.8 |
| 9.5 | 10.0 | 9.5 | 9.5 | 10.2 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 20 | 8.0 | 5,6 | 2.2 | 9.0 |
| 11.0 | 10.5 | 11.0 | 11.5 | 11.2 | 10.0 | 10.0 | 9.5 | 8.5 | 11.5 | 15,19 | 8.5 | 7,24 | 3.0 | 10.0 |
| 10.5 | 10.5 | 10.5 | 10.5 | 12.0 | 10.5 | 10.5 | 10.5 | 10.5 | 12.0 | 20 | 8.5 | 0,1 | 3.5 | 10.1 |
| 11.0 | 11.5 | 12.0 | 12.5 | 13.8 | 13.0 | 13.0 | 11.5 | 11.0 | 13.8 | 20 | 10.5 | varios | 3.3 | 11.5 |
| 11.5 | 11.5 | 13.0 | 13.0 | 13.2 | 13.0 | 13.0 | 12.0 | 11.5 | 13.2 | 20 | 9.0 | 14 | 4.2 | 11.7 |
| 12.5 | 13.0 | 14.5 | 15.5 | 15.2 | 16.0 | 15.5 | 15.5 | 14.5 | 16.0 | 12,21 | 11.5 | 0 | 4.5 | 14.0 |
| 15.0 | 14.0 | 14.0 | 13.0 | 14.2 | 14.0 | 14.5 | 14.5 | 14.5 | 15.0 | 16 | 10.5 | 6 | 4.5 | 13.1 |
| 10.5 | 10.0 | 11.5 | 10.5 | 13.6 | 13.0 | 14.0 | 15.5 | 14.5 | 15.5 | 23 | 10.0 | 10 | 5.5 | 12.7 |
| 10.5 | 11.5 | 12.5 | 16.0 | 16.4 | 14.0 | 15.0 | 16.5 | 16.0 | 16.5 | 23 | 10.5 | 15,16 | 6.0 | 13.2 |
| 10.5 | 11.0 | 12.0 | 13.5 | 13.8 | 11.0 | 12.5 | 12.5 | 12.0 | 16.0 | 0 | 10.5 | 15,16 | 5.5 | 12.0 |
| 6.6 | 7.4 | 7.6 | 8.5 | 8.7 | 8.0 | 8.5 | 8.0 | 8.0 | 14.0 | 2 | 6.6 | 13,16 | 7.4 | 9.1 |
| 6.8 | 6.4 | 7.4 | 7.8 | 8.0 | 7.8 | 7.6 | 7.6 | 7.0 | 8.0 | varios | 6.4 | 17 | 1.6 | 7.5 |
| 7.8 | 8.0 | 9.0 | 9.0 | 9.7 | 8.5 | 8.5 | 9.0 | 10.0 | 10.0 | 24 | 5.2 | 15 | 4.8 | 7.7 |
| 10.0 | 10.5 | 10.0 | 12.5 | 13.2 | 13.5 | 13.0 | 13.5 | 12.5 | 13.5 | 21,23 | 9.0 | 3,12 | 4.5 | 10.7 |
| 12.0 | 12.5 | 12.5 | 12.5 | 13.9 | 13.5 | 13.5 | 14.5 | 14.5 | 15.0 | 12 | 11.0 | varios | 4.0 | 12.8 |
| 16.5 | 17.0 | 17.0 | 16.5 | 17.1 | 16.5 | 16.0 | 16.5 | 16.5 | 17.1 | 20 | 13.5 | 4 | 3.6 | 15.8 |
| 15.5 | 15.5 | 16.5 | 16.5 | 16.4 | 15.0 | 15.0 | 14.5 | 14.5 | 16.5 | varios | 14.5 | varios | 2.0 | 15.5 |
| 11.5 | 11.5 | 13.5 | 13.5 | 13.2 | 12.0 | 11.5 | 11.0 | 10.5 | 14.5 | 0,1 | 10.5 | 24 | 4.0 | 12.6 |
| 6.2 | 5.6 | 6.6 | 6.8 | 7.0 | 6.8 | 6.8 | 6.8 | 6.6 | 10.5 | 0,1 | 5.6 | 17 | 4.9 | 8.3 |
| 4.0 | 4.4 | 4.6 | 5.6 | 6.0 | 6.2 | 5.8 | 6.2 | 5.8 | 6.6 | 0 | 4.0 | 16 | 2.6 | 5.3 |
| 11.8 | 12.0 | 12.4 | 12.9 | 13.4 | 12.6 | 12.6 | 12.5 | 12.2 | 14.5 | | 10.0 | | 4.5 | 12.2 |

# VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

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

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTÁNEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| N | 17 | N | 15 | N | 12 | N | 8 | N | 8 | NE | 8 | NE | 11 | NE | 12 | NE | 13 | N | 15 | 13 | 27 | N | 13.00 |
| N | 11 | N | 11 | N | 4 | NE | 2 | NE | 4 | NE | 6 | NE | 7 | E | 7 | E | 6 | N | 18 | 11 | 15 | N | 11.49 |
| E | 16 | E | 15 | E | 12 | E | 10 | E | 8 | E | 8 | E | 9 | E | 9 | E | 10 | E | 18 | 10 | 10 | E-NE | 12.46<br>14.06 |
| E | 10 | E | 12 | E | 12 | E | 14 | E | 12 | E | 12 | E | 12 | E | 10 | E | 9 | E | 19 | 10 | 8 | N | 9.45 |
| N | 29 | N | 10 | NE | 7 | C | 1 | SE | 3 | E | 7 | NE | 6 | NE | 3 | N | 4 | N | 14 | 12 | 42 | N | 15.19 |
| S | 21 | S | 19 | S | 22 | S | 21 | S | 21 | S | 19 | S | 18 | S | 15 | S | 14 | S | 16 | 19 | 42 | S | 8.08 |
| SE | 13 | SE | 11 | E | 13 | E | 13 | SE | 8 | SE | 7 | SE | 7 | SE | 4 | SE | 3 | S | 12 | 12 | 30 | S | 8.24 |
| NE | 13 | E | 13 | E | 9 | E | 9 | SE | 7 | SE | 6 | SE | 5 | SE | 8 | NE | 10 | NE | 9 | 10 | 13 | NE | 11.34 |
| E | 18 | E | 12 | E | 12 | E | 7 | E | 11 | E | 10 | E | 9 | E | 12 | E | 14 | NE | 13 | 15 | 22 | NE | varios |
| NE | 6 | E | 6 | SE | 5 | E | 5 | S | 6 | S | 8 | E | 11 | W | 4 | N | 8 | N | 10 | 13 | 22 | N | 9.48 |
| S | 17 | S | 20 | S | 18 | S | 18 | S | 17 | S | 15 | S | 13 | S | 14 | S | 14 | S | 13 | 13 | 32 | S | 16.48 |
| S | 7 | S | 7 | S | 6 | S | 3 | C | 1 | S | 4 | S | 4 | S | 4 | S | 4 | S | 23 | 9 | 25 | S | 1.36 |
| SE | 6 | SE | 4 | C | 1 | SE | 3 | SE | 4 | SE | 4 | SE | 4 | SE | 5 | SE | 8 | SE | 11 | 5 | 4 | SE | 8.34 |
| SE | 12 | SE | 12 | SE | 9 | SE | 8 | E | 12 | E | 13 | SE | 11 | SE | 9 | SE | 7 | S | 12 | 9 | 10 | SE | 17.18 |
| E | 17 | E | 15 | E | 14 | SE | 14 | SE | 12 | SE | 9 | SE | 11 | E | 12 | E | 15 | E | 11 | 13 | 26 | E | 13.14 |
| E | 11 | E | 10 | E | 9 | E | 9 | E | 10 | E | 8 | E | 9 | SE | 9 | SE | 8 | E | 17 | 11 | 10 | NE | 9.01 |
| N | 11 | N | 10 | N | 7 | NE | 7 | NE | 7 | NE | 10 | NE | 9 | NE | 8 | NE | 6 | N-NE | 11 | 12 | 12 | N | 8.24 |
| NE | 7 | NE | 14 | NE | 9 | NE | 9 | NE | 8 | E | 10 | E | 9 | NE | 10 | NE | 9 | N-NE | 11 | 10 | 14 | N | 9.08 |
| NE | 13 | NE | 10 | E | 8 | E | 10 | E | 11 | E | 11 | E | 11 | E | 10 | E | 8 | N | 9 | 11 | 12 | N | 8.51 |
| N | 14 | N | 13 | N | 9 | E | 11 | E | 11 | E | 12 | E | 11 | E | 11 | E | 11 | N | 11 | 12 | 12 | N | varios |
| N | 14 | N | 14 | N | 8 | N | 5 | N | 8 | S | 12 | S | 4 | W | 6 | W | 10 | N | 17 | 13 | 18 | SW | 20.28 |
| S | 15 | S | 12 | S | 8 | S | 5 | S | 4 | SE | 7 | SE | 8 | SE | 8 | SE | 7 | S | 19 | 13 | 30 | S | 9.22 |
| S | 8 | S | 9 | S | 4 | E | 5 | SE | 8 | E | 7 | SE | 5 | S | 2 | SE | 6 | S | 12 | 7 | 10 | S | 12.34 |
| E | 12 | E | 10 | E | 9 | E | 8 | SE | 9 | SE | 7 | SE | 9 | E | 8 | E | 13 | E | 8 | 8 | 12 | NE | 8.10<br>8.34 |
| E | 13 | E | 13 | E | 12 | E | 10 | SE | 10 | SE | 8 | SE | 7 | SE | 10 | SE | 10 | NE | 10 | 13 | 20 | NE | 12.41 |
| E | 18 | E | 19 | E | 15 | E | 14 | E | 13 | E | 11 | E | 11 | N | 13 | E | 5 | NE | 12 | 13 | 26 | N | 22.29 |
| N | 14 | N | 12 | N | 10 | E | 11 | NE | 8 | N | 24 | N | 22 | S | 6 | W | 13 | N | 11 | 13 | 28 | N | 20.38 |
| S | 6 | E | 6 | E | 2 | C | 1 | C | 0 | C | 1 | W | 7 | W | 7 | W | 8 | E | 7 | 5 | 22 | N | 0.09 |
| S | 10 | S | 7 | W | 5 | W | 3 | W | 4 | NW | 6 | NW | 10 | NW | 9 | NW | 9 | S | 9 | 9 | 14 | S | 11.59 |
| W | 29 | W | 25 | W | 16 | W | 12 | W | 10 | W | 12 | W | 11 | W | 10 | W | 12 | W | 17 | 17 | 42 | W | 17.38 |
| SW | 20 | SW | 16 | SW | 14 | SW | 13 | W | 11 | W | 8 | W | 9 | W | 9 | W | 10 | W | 15 | 14 | - | - | - |
| E | | E | | E | | E | | E-SE | | E | | E-SE | | E | | E | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MAXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | DIR. | HORAS | | 72 Km. | | |
| 8 | | 11 | | 12 | | 14 | | 8 | | 11 | | 9 | | 8 | | 9 | | | | | DIREC. | DÍA | HORA |
| | 14 | | 12 | | 10 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | E | 154 | 8 | W | 30 | de 15.45 a 15.50 |

# FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

| DÍAS | NORTE | | NORESTE | | ESTE | | SUDESTE | | SUD | | SUDOESTE | | OESTE | | NOROESTE | | Calma | TOTALES DIARIOS DE KILÓMETROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | |
| 1 | 15 | 215 | 4 | 44 | 5 | 58 | | | | | | | | | | | | 317 |
| 2 | 18 | 225 | 4 | 19 | 2 | 13 | | | | | | | | | | | | 257 |
| 3 | | | | | 18 | 191 | 2 | 19 | 4 | 37 | | | | | | | | 247 |
| 4 | 3 | 35 | 2 | 22 | 19 | 191 | | | | | | | | | | | | 248 |
| 5 | 14 | 218 | 7 | 64 | 1 | 7 | 1 | 3 | | | | | | | | | 1 | 293 |
| 6 | | | | | | | | | 16 | 352 | 6 | 98 | 2 | 14 | | | | 464 |
| 7 | | | | | 2 | 26 | 10 | 106 | 12 | 154 | | | | | | | | 286 |
| 8 | 4 | 60 | 9 | 103 | 4 | 37 | 7 | 43 | | | | | | | | | | 243 |
| 9 | | | 13 | 233 | 11 | 133 | | | | | | | | | | | | 366 |
| 10 | 10 | 157 | 6 | 85 | 4 | 36 | 1 | 5 | 2 | 14 | | | 1 | 4 | | | | 301 |
| 11 | | | | | | | | | 13 | 203 | 7 | 70 | 3 | 26 | 1 | 6 | | 305 |
| 12 | | | | | | | | | 23 | 214 | | | | | | | 1 | 215 |
| 13 | 1 | 4 | | | 3 | 17 | 11 | 52 | 7 | 34 | | | | | | | 2 | 109 |
| 14 | | | | | 2 | 25 | 10 | 101 | 12 | 79 | | | | | | | | 205 |
| 15 | | | 3 | 64 | 11 | 174 | 10 | 82 | | | | | | | | | | 320 |
| 16 | | | 5 | 68 | 17 | 172 | 2 | 17 | | | | | | | | | | 257 |
| 17 | 11 | 155 | 11 | 102 | 2 | 20 | | | | | | | | | | | | 277 |
| 18 | 11 | 116 | 11 | 94 | 2 | 19 | | | | | | | | | | | | 229 |
| 19 | 9 | 118 | 7 | 76 | 8 | 77 | | | | | | | | | | | | 271 |
| 20 | 11 | 156 | 7 | 54 | 6 | 67 | | | | | | | | | | | | 277 |
| 21 | 17 | 243 | 3 | 35 | | | | | 2 | 16 | | | 2 | 16 | | | | 310 |
| 22 | | | | | | | 4 | 30 | 19 | 270 | 1 | 12 | | | | | | 312 |
| 23 | | | | | 2 | 12 | 10 | 59 | 12 | 101 | | | | | | | | 172 |
| 24 | 3 | 31 | 5 | 57 | 8 | 87 | 3 | 25 | | | | | | | | | 5 | 203 |
| 25 | 2 | 37 | 10 | 144 | 7 | 87 | 5 | 45 | | | | | | | | | | 313 |
| 26 | 1 | 13 | 12 | 150 | 11 | 145 | | | | | | | | | | | | 308 |
| 27 | 11 | 204 | 5 | 52 | 2 | 17 | 4 | 19 | 1 | 6 | | | 1 | 13 | | | | 311 |
| 28 | 3 | 26 | | | 7 | 37 | | | 6 | 29 | | | 3 | 22 | | | 5 | 118 |
| 29 | | | | | | | | | 9 | 108 | 4 | 43 | 6 | 30 | 5 | 41 | | 222 |
| 30 | | | | | | | | | 3 | 60 | | | 17 | 316 | 4 | 43 | | 419 |
| 31 | | | | | | | | | | | 9 | 176 | 15 | 172 | | | | 348 |
| SUMAS | 144 | 2013 | 124 | 1466 | 154 | 1648 | 80 | 606 | 141 | 1677 | 27 | 399 | 50 | 613 | 10 | 90 | 14 | 8523 |
| % PREVAL POR VELOCIDAD | 23.6 | | 27.2 | | 19.3 | | 7.1 | | 19.7 | | 4.7 | | 7.2 | | 1.0 | | 0.1 | VELOCIDAD MEDIA DIARIA EN EL MES |
| VELOCIDAD MEDIA POR DIRECCIÓN | 14 | | 12 | | 11 | | 8 | | 12 | | 15 | | 12 | | 9 | | 1.0 | 275 |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 2 | 6 | 8 | 4 | 4 | 1 | 3 | 2 | 1 |
| 1 - 2 | 2 | 7 | 7 | 4 | 6 | 1 | 3 | 1 | - |
| 2 - 3 | 1 | 9 | 5 | 4 | 6 | 2 | 1 | 2 | 1 |
| 3 - 4 | 2 | 9 | 4 | 4 | 6 | 3 | 1 | 1 | 1 |
| 4 - 5 | 4 | 8 | 5 | 2 | 7 | 2 | 2 | - | 1 |
| 5 - 6 | 6 | 8 | 2 | 2 | 7 | 2 | 2 | - | 2 |
| 6 - 7 | 7 | 8 | 4 | 1 | 7 | 2 | 2 | - | - |
| 7 - 8 | 9 | 6 | 3 | - | 7 | 2 | 3 | - | 1 |
| 8 - 9 | 12 | 6 | 1 | 2 | 7 | 1 | 2 | - | - |
| 9 - 10 | 14 | 5 | 1 | 1 | 7 | 1 | 2 | - | - |
| 10 - 11 | 14 | 5 | 1 | - | 7 | 2 | 1 | - | 1 |
| 11 - 12 | 12 | 6 | 2 | 2 | 7 | 1 | 1 | - | - |
| 12 - 13 | 11 | 4 | 6 | 2 | 6 | 1 | 1 | - | - |
| 13 - 14 | 10 | 3 | 8 | 2 | 6 | 1 | 1 | - | - |
| 14 - 15 | 9 | 4 | 7 | 1 | 8 | 1 | 1 | - | - |
| 15 - 16 | 7 | 4 | 8 | 3 | 7 | 1 | 1 | - | - |
| 16 - 17 | 7 | 2 | 11 | 3 | 6 | 1 | 1 | - | - |
| 17 - 18 | 6 | 2 | 12 | 2 | 5 | 1 | 2 | - | 1 |
| 18 - 19 | 2 | 3 | 14 | 3 | 4 | 1 | 2 | - | 2 |
| 19 - 20 | 2 | 4 | 8 | 8 | 4 | - | 3 | - | 2 |
| 20 - 21 | 1 | 3 | 11 | 7 | 5 | - | 2 | 1 | 1 |
| 21 - 22 | 1 | 4 | 9 | 9 | 4 | - | 3 | 1 | - |
| 22 - 23 | 1 | 4 | 8 | 7 | 5 | - | 5 | 1 | - |
| 23 - 24 | 2 | 4 | 9 | 7 | 3 | - | 5 | 1 | - |
| SUMAS | 144 | 124 | 154 | 80 | 141 | 27 | 50 | 10 | 14 |
| % de frec. por dirección | 19.4 | 16.7 | 20.7 | 10.8 | 19.0 | 3.6 | 6.7 | 1.3 | 1.9 |

# NUBES, VISIBILIDAD

| DÍAS | N U B E S | | | | | | | | | | VISIBILIDAD | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | | 12h | | 14h | | 18h | | 20h | | 8h | 14h | 20h |
| | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | 0 ~ 9 | | |
| 1 | Claro | 0 | Claro | 0 | Cu | 3 | Claro | 0 | Claro | 0 | 97 | 97 | 96 |
| 2 | Claro | 0 | Cu | 4 | Cu 3 Ci Cs 3 | 6 | Ci Cs | 6 | Ci | 4 | 8 | 7 | 5 |
| 3 | St | 7 | Claro | 0 | Ci | 3 | Ci | 5 | Ci | 3 | 6 | 7 | 6 |
| 4 | Ci | 4 | Cu 2 Ci Cs 3 | 5 | Cu 3 Ci Cs 3 | 6 | Ac As 4 Cs 4 | 8 | Ac | 7 | 7 | 7 | 6 |
| 5 | Ac As | 7 | As | 8 | As | 8 | Ac | 7 | Ac 4 Ci Cs 4 | 8 | 6 | 6 | 6 |
| 6 | St | 8 | Fc | 7 | Cu Fc | 7 | Fs | 8 | St | 8 | 7 | 7 | 6 |
| 7 | Claro | 0 | Cu | 4 | Cu | 5 | Sc 3 Ci 3 | 6 | Sc 3 Ci 3 | 6 | 8 | 8 | 7 |
| 8 | Cc | 1 | Cu | 5 | Cu | 5 | Claro | 0 | Claro | 0 | 8 | 7 | 7 |
| 9 | Ci Cs | 7 | Cs | 8 | Cs | 8 | Ac As 5 Cs 3 | 8 | Ac As | 8 | 7 | 7 | 6 |
| 10 | Sc 2 Ac 4 | 6 | Sc | 7 | Cu Ac 3 | 6 | Sc | 8 | Cb | 8 | 7 | 7 | 6 |
| 11 | St | 8 | St | 8 | St | 8 | St Sc | 8 | Sc | 8 | 7 | 6 | 6 |
| 12 | Ac | 4 | Cu | 4 | Cu Ac 3 | 7 | Sc 3 Ac 1 | 4 | Ac | 2 | 9 | 8 | 7 |
| 13 | Sc 4 Ac 3 | 7 | Sc | 8 | Sc 5 As 3 | 8 | Sc 2 Ac 3 | 5 | Claro | 0 | 5 | 6 | 6 |
| 14 | Ac | 3 | Sc | 7 | St Sc | 8 | St Sc | 8 | Sc | 3 | 8 | 7 | 7 |
| 15 | Ac | 3 | Cu | 2 | Cu | 1 | Ac | 1 | Ac | 2 | 7 | 8 | 6 |
| 16 | Ac | 6 | Cu | 4 | Cu | 2 | Claro | 0 | Claro | 0 | 7 | 8 | 7 |
| 17 | Claro | 0 | Cu | 4 | Cu | 5 | Ci | 6 | Claro | 0 | 8 | 8 | 6 |
| 18 | Claro | 0 | Cu | 4 | Cu | 3 | Ci | 1 | Claro | 0 | 7 | 8 | 7 |
| 19 | Claro | 0 | Claro | 0 | Cu | 2 | Claro | 0 | Claro | 0 | 8 | 8 | 7 |
| 20 | Claro | 0 | Claro | 0 | Cu | 3 | Claro | 0 | Claro | 0 | 8 | 8 | 7 |
| 21 | Ci | 3 | Cu 1 Ci 2 | 3 | Cu | 2 | Ci | 4 | Ci Cs | 6 | 8 | 8 | 6 |
| 22 | Ac 3 Ci Cs 5 | 8 | Cu | 2 | Cu | 2 | Claro | 0 | Claro | 0 | 7 | 8 | 8 |
| 23 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 8 | 8 | 6 |
| 24 | Claro | 0 | Claro | 0 | Claro | 0 | Ci | 2 | Claro | 0 | 8 | 8 | 7 |
| 25 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 8 | 8 | 7 |
| 26 | Ac | 3 | Ci Cs | 6 | Cu Ci Cs 7 | 8 | Sc | 7 | Cu 3 Cs 5 | 8 | 7 | 7 | 7 |
| 27 | Sc 1 As 7 | 8 | As | 8 | Cu 1 Cs 7 | 8 | Ns | 8 | Ns | 8 | 7 | 7 | 6 |
| 28 | Fs | 8 | Ns | 8 | Fs | 8 | Fs | 8 | Sc 4 Ac 3 | 7 | 5 | 4 | 3 |
| 29 | Fc | 5 | Cu | 3 | Cu | 3 | Claro | 0 | Claro | 0 | 6 | 7 | 5 |
| 30 | Sc | 7 | Cu | 3 | Cu | 3 | Claro | 0 | Claro | 0 | 8 | 9 | 8 |
| 31 | Claro | 0 | Cu | 2 | Cu 1 Ac 2 Cs 3 | 6 | Claro | 0 | Claro | 0 | 8 | 7 | 7 |
| Prom. | | 4 | | 4 | | 5 | | 4 | | 3 | | | |

# RADIACIÓN SOLAR

| DÍAS | Hora | BULBOS Negro °C | BULBOS Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0 - 8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 2 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 4 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 5 | 3 | 4 | |
| 3 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 3 | |
| | 14 | | | | 3 | 5 | 3 | |
| | 15 | | | | 4 | 5 | 3 | |
| 4 | 9 | | | | 1 | 5 | 5 | |
| | 10 | | | | 2 | 5 | 5 | |
| | 12 | | | | 5 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 5 | 9 | | | | 8 | 2 | 3 | |
| | 10 | | | | 8 | 2 | 3 | |
| | 12 | | | | 8 | 2 | 3 | |
| | 14 | | | | 8 | 2 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 6 | 9 | | | | 8 | 0 | 4 | Z. |
| | 10 | | | | 8 | 0 | 3 | Z. |
| | 12 | | | | 7 | 3 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 7 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 4 | 3 | 4 | |
| | 14 | | | | 5 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 8 | 9 | | | | 5 | 3 | 4 | |
| | 10 | | | | 6 | 3 | 4 | |
| | 12 | | | | 5 | 3 | 4 | |
| | 14 | | | | 5 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 9 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 8 | 2 | 4 | |
| | 12 | | | | 8 | 2 | 4 | |
| | 14 | | | | 8 | 2 | 4 | |
| | 15 | | | | 6 | 4 | 4 | |
| 10 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 6 | 3 | 4 | |
| | 12 | | | | 7 | 0 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 7 | 0 | 4 | |
| 11 | 9 | | | | 8 | 0 | 3 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | Z. |
| | 14 | | | | 8 | 0 | 4 | Z. |
| | 15 | | | | 8 | 0 | 4 | Z. |
| 12 | 9 | | | | 4 | 5 | 5 | |
| | 10 | | | | 4 | 4 | 5 | |
| | 12 | | | | 4 | 3 | 5 | |
| | 14 | | | | 7 | 3 | 5 | |
| | 15 | | | | 7 | 0 | 4 | |
| 13 | 9 | | | | 8 | 3 | 3 | Ne. |
| | 10 | | | | 8 | 3 | 4 | Ne. |
| | 12 | | | | 8 | 3 | 4 | Ne. |
| | 14 | | | | 8 | 3 | 4 | B. |
| | 15 | | | | 7 | 3 | 4 | LL. |
| 14 | 9 | | | | 3 | 5 | 5 | |
| | 10 | | | | 5 | 3 | 5 | |
| | 12 | | | | 7 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 15 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 1 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 1 | 5 | 5 | |
| | 15 | | | | 1 | 5 | 5 | |
| 16 | 9 | | | | 3 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 1 | 5 | 5 | |
| 17 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 2 | 5 | 5 | |
| | 12 | | | | 4 | 3 | 5 | |
| | 14 | | | | 5 | 3 | 5 | |
| | 15 | | | | 5 | 3 | 5 | |
| 18 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 3 | 5 | 5 | |
| 19 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 1 | 5 | 5 | |
| 20 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 3 | 3 | 5 | |
| | 15 | | | | 2 | 5 | 5 | |
| 21 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 4 | 5 | 5 | |
| | 12 | | | | 3 | 5 | 5 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 1 | 5 | 5 | |
| 22 | 9 | | | | 8 | 4 | 4 | |
| | 10 | | | | 8 | 4 | 4 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 2 | 5 | 5 | |
| | 15 | | | | 3 | 5 | 5 | |
| 23 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 24 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 25 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 26 | 9 | | | | 3 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 6 | 4 | 4 | |
| | 14 | | | | 8 | 4 | 4 | |
| | 15 | | | | 8 | 4 | 4 | |
| 27 | 9 | | | | 8 | 2 | 4 | |
| | 10 | | | | 8 | 2 | 4 | |
| | 12 | | | | 8 | 2 | 4 | |
| | 14 | | | | 8 | 4 | 4 | |
| | 15 | | | | 8 | 2 | 4 | |
| 28 | 9 | | | | 8 | 0 | 3 | LL |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 2 | Ne. |
| | 15 | | | | 8 | 0 | 2 | Ne. |
| 29 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 4 | 3 | 5 | |
| | 12 | | | | 3 | 3 | 5 | |
| | 14 | | | | 3 | 3 | 5 | |
| | 15 | | | | 3 | 3 | 5 | |
| 30 | 9 | | | | 3 | 3 | 5 | |
| | 10 | | | | 4 | 5 | 5 | |
| | 12 | | | | 3 | 5 | 5 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 2 | 5 | 5 | |
| 31 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 6 | 3 | 5 | |
| | 15 | | | | 7 | 1 | 5 | |

## HELIOFANÍA

| DÍAS \ HORAS | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | H. EFECTIVA | H. TEÓR. ASTRON | H. RELATIVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | | 10.9 | 12.7 | 86 |
| 2 | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 11.1 | 12.7 | 87 |
| 3 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | 9.0 | 12.7 | 71 |
| 4 | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.2 | | 10.6 | 12.6 | 84 |
| 5 | | 0.3 | | 0.7 | 0.2 | | 0.3 | 0.3 | | C 6 | | | | | 2.4 | 12.6 | 19 |
| 6 | | | | | | | 0.3 | 0.6 | 0.7 | 0.1 | 0.5 | 0.2 | | | 2.4 | 12.5 | 19 |
| 7 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | | | | 8.0 | 12.5 | 64 |
| 8 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | | 10.8 | 12.5 | 86 |
| 9 | | | 0.5 | 0.7 | 0.6 | | 0.8 | 0.3 | 0.4 | 0.7 | 0.3 | | | | 4.3 | 12.4 | 35 |
| 10 | | | 0.1 | 0.8 | 0.5 | 0.7 | 0.1 | 0.5 | 1.0 | 0.5 | | | | | 4.2 | 12.4 | 34 |
| 11 | | | | | | | | | | | | | | | 0.0 | 12.4 | 00 |
| 12 | | | 0.7 | 0.6 | 1.0 | 1.0 | 0.8 | | 0.4 | 0.2 | | | | | 4.7 | 12.3 | 38 |
| 13 | | | 0.2 | 0.2 | 0.1 | | | | 0.3 | | | | | | 0.8 | 12.3 | 06 |
| 14 | | 0.3 | 1.0 | 1.0 | 1.0 | 0.9 | 0.5 | 0.3 | | | | | | | 5.0 | 12.3 | 41 |
| 15 | | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | | 9.8 | 12.2 | 80 |
| 16 | | | 0.2 | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 8.9 | 12.2 | 73 |
| 17 | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.6 | 0.3 | | | 8.7 | 12.1 | 72 |
| 18 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 1.0 | 0.8 | 1.0 | 1.0 | 0.2 | | 9.9 | 12.1 | 82 |
| 19 | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 10.9 | 12.1 | 90 |
| 20 | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 10.4 | 12.0 | 87 |
| 21 | | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | 10.7 | 12.0 | 89 |
| 22 | | | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 9.0 | 12.0 | 75 |
| 23 | | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | 10.0 | 11.9 | 84 |
| 24 | | | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | 9.3 | 11.9 | 78 |
| 25 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | | | | 8.0 | 11.9 | 67 |
| 26 | | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | 7.3 | 11.8 | 62 |
| 27 | | | | | | | 0.5 | 0.5 | 0.1 | | | | | | 1.1 | 11.8 | 09 |
| 28 | | | | | | | | | | | | | | | 0.0 | 11.7 | 00 |
| 29 | | | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | | | 8.1 | 11.7 | 69 |
| 30 | | | | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 8.5 | 11.7 | 73 |
| 31 | | 0.3 | 0.5 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | | | | 7.1 | 11.6 | 61 |
| Medias | | 0.1 | 0.5 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.2 | | 7.2 | 12.2 | 59 |

## GEOTEMPERATURA

| DÍAS | 0.05 m. | | | 0.10 m. | | | 0.20 m. | | | 0.30 m. | | | 0.40 m. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h |
| 1 | 19.6 | 30.8 | 24.2 | 21.0 | 25.1 | 25.3 | 22.2 | 22.6 | 23.8 | 22.8 | 22.8 | 23.0 | 22.9 | 23.3 | 22.9 |
| 2 | 21.3 | 31.6 | 25.2 | 22.0 | 26.2 | 26.0 | 22.9 | 23.4 | 24.5 | 23.5 | 23.4 | 23.6 | 23.4 | 23.5 | 23.2 |
| 3 | 22.0 | 32.0 | 24.6 | 22.7 | 26.3 | 25.8 | 23.4 | 23.8 | 24.8 | 23.7 | 23.8 | 23.8 | 23.6 | 24.0 | 23.6 |
| 4 | 22.8 | 32.4 | 26.2 | 23.2 | 26.9 | 26.6 | 23.8 | 24.4 | 25.4 | 24.0 | 24.2 | 24.6 | 23.9 | 24.4 | 24.2 |
| 5 | 24.0 | 28.4 | 25.0 | 24.3 | 26.3 | 25.7 | 24.4 | 24.7 | 25.1 | 24.5 | 24.5 | 24.5 | 24.2 | 24.4 | 24.2 |
| 6 | 22.3 | 25.0 | 21.6 | 23.6 | 23.7 | 23.5 | 24.2 | 23.8 | 23.8 | 24.4 | 24.2 | 23.8 | 24.3 | 24.3 | 23.9 |
| 7 | 17.8 | 28.2 | 20.4 | 20.3 | 23.5 | 22.8 | 22.3 | 22.3 | 23.0 | 21.3 | 23.0 | 22.9 | 23.7 | 23.7 | 23.2 |
| 8 | 17.2 | 25.1 | 20.4 | 19.4 | 22.2 | 22.4 | 21.6 | 21.7 | 22.4 | 22.7 | 22.5 | 22.5 | 23.2 | 23.2 | 22.8 |
| 9 | 17.8 | 24.3 | 21.4 | 19.6 | 21.8 | 22.3 | 21.2 | 21.4 | 22.1 | 22.4 | 22.2 | 22.3 | 22.7 | 22.7 | 22.5 |
| 10 | 21.2 | 26.2 | 23.4 | 21.4 | 23.5 | 23.6 | 21.9 | 22.2 | 22.8 | 22.3 | 22.5 | 22.5 | 22.7 | 22.9 | 22.7 |
| 11 | 20.2 | 21.5 | 17.9 | 21.6 | 22.2 | 20.7 | 22.3 | 22.1 | 21.8 | 22.6 | 22.8 | 22.4 | 22.6 | 22.6 | 22.4 |
| 12 | 15.6 | 21.4 | 17.6 | 18.5 | 20.8 | 20.4 | 20.4 | 20.6 | 21.0 | 21.5 | 21.4 | 21.4 | 22.2 | 22.2 | 21.8 |
| 13 | 15.8 | 20.2 | 17.4 | 17.8 | 19.2 | 19.2 | 20.0 | 19.9 | 20.2 | 20.4 | 20.8 | 20.7 | 21.7 | 21.6 | 21.3 |
| 14 | 16.2 | 21.4 | 18.4 | 17.7 | 21.2 | 20.2 | 19.5 | 19.9 | 20.4 | 20.6 | 21.3 | 20.6 | 21.3 | 21.3 | 21.2 |
| 15 | 17.6 | 26.9 | 20.6 | 18.5 | 22.2 | 21.8 | 19.8 | 20.3 | 21.4 | 20.6 | 21.4 | 20.9 | 21.2 | 21.5 | 21.3 |
| 16 | 18.0 | 28.0 | 21.0 | 19.4 | 22.9 | 22.7 | 20.4 | 20.9 | 22.0 | 21.1 | 21.4 | 21.4 | 21.4 | 21.9 | 21.5 |
| 17 | 19.0 | 27.5 | 22.5 | 19.9 | 23.5 | 23.6 | 20.9 | 21.5 | 22.5 | 21.5 | 21.6 | 21.7 | 21.6 | 22.1 | 21.6 |
| 18 | 18.8 | 28.8 | 22.8 | 20.4 | 24.2 | 24.2 | 21.6 | 22.1 | 23.1 | 22.0 | 22.2 | 22.4 | 22.0 | 22.0 | 22.2 |
| 19 | 19.5 | 29.9 | 23.2 | 20.8 | 24.9 | 24.4 | 21.9 | 22.4 | 23.3 | 22.5 | 22.6 | 22.6 | 22.4 | 22.7 | 22.2 |
| 20 | 19.2 | 29.4 | 23.6 | 20.7 | 24.4 | 24.4 | 22.1 | 22.4 | 23.4 | 22.5 | 22.6 | 22.6 | 22.6 | 23.0 | 22.6 |
| 21 | 19.4 | 32.7 | 22.9 | 21.2 | 24.8 | 24.6 | 22.3 | 22.6 | 23.6 | 22.7 | 22.7 | 22.7 | 22.6 | 22.6 | 22.5 |
| 22 | 18.8 | 33.2 | 19.0 | 21.0 | 23.6 | 22.7 | 22.3 | 22.2 | 22.8 | 22.7 | 22.6 | 22.4 | 22.8 | 23.0 | 22.5 |
| 23 | 14.1 | 33.1 | 17.8 | 17.9 | 22.2 | 21.6 | 20.8 | 20.8 | 21.8 | 22.2 | 21.6 | 21.5 | 22.3 | 22.5 | 21.7 |
| 24 | 12.4 | 30.0 | 17.4 | 16.3 | 20.9 | 20.8 | 19.7 | 19.9 | 20.8 | 21.2 | 20.8 | 20.8 | 21.7 | 22.0 | 21.3 |
| 25 | 16.4 | 30.2 | 20.6 | 18.2 | 22.4 | 22.2 | 19.8 | 20.4 | 21.5 | 20.8 | 20.8 | 21.2 | 21.3 | 21.6 | 21.2 |
| 26 | 18.4 | 32.2 | 23.2 | 19.4 | 23.8 | 23.7 | 20.6 | 21.2 | 22.4 | 21.3 | 21.4 | 21.6 | 21.5 | 22.0 | 21.7 |
| 27 | 21.2 | 27.4 | 21.6 | 21.4 | 23.4 | 23.2 | 21.7 | 22.0 | 22.5 | 21.8 | 22.1 | 22.0 | 21.8 | 22.1 | 21.8 |
| 28 | 20.0 | 20.4 | 20.2 | 21.1 | 20.8 | 21.4 | 21.7 | 20.3 | 21.4 | 21.9 | 21.6 | 21.0 | 22.0 | 21.9 | 21.8 |
| 29 | 18.2 | 28.3 | 20.2 | 19.4 | 22.2 | 22.3 | 20.5 | 20.9 | 21.8 | 21.3 | 21.3 | 21.3 | 21.5 | 21.8 | 21.4 |
| 30 | 16.0 | 25.4 | 15.4 | 18.4 | 20.7 | 19.4 | 20.3 | 20.2 | 20.4 | 21.2 | 21.0 | 20.7 | 22.5 | 21.8 | 20.7 |
| 31 | 11.0 | 23.8 | 14.0 | 14.8 | 19.3 | 17.6 | 18.3 | 18.3 | 18.9 | 20.2 | 19.7 | 19.4 | 20.8 | 20.7 | 20.1 |
| Prom. | 18.4 | 27.6 | 21.0 | 20.1 | 23.1 | 22.7 | 21.4 | 21.6 | 22.4 | 21.4 | 22.2 | 22.1 | 22.4 | 22.6 | 22.2 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | LLUVIA 1.50 m. | LLUVIA 7 m. | LLUVIA 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | EVAPORACIÓN $14^h$ | EVAPORACIÓN $20^h$ | EVAPORACIÓN Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Freatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1 | 0.3 | 1.3 | 2.5 | 4.4 | | | | | | | |
| 2 | | | | | 0 | 0.6 | 2.7 | 2.6 | 7.2 | | | | | | | |
| 3 | 13.8 | 14.0 | 13.5 | - | 0 | 1.9 | 2.5 | 1.7 | 4.9 | LL.10 | 7.7 | 9.7 | 11.3 | | | |
| 4 | | | | | 2 | 0.7 | 1.1 | 1.0 | 3.5 | | | | | | | |
| 5 | | | | | 1 | 1.4 | 1.4 | 1.7 | 3.6 | | | | | | | |
| 6 | | | | | 0 | 0.5 | 1.6 | 1.6 | 4.3 | | | | | | | |
| 7 | | | | | 0 | 1.1 | 2.3 | 2.0 | 5.4 | | | | | | | |
| 8 | | | | | 0 | 1.1 | 1.8 | 1.5 | 5.5 | LL.11 | 8.9 | 9.7 | 13.4 | | | |
| 9 | | | | | 0 | 2.2 | 1.7 | 1.7 | 4.5 | | | | | | | |
| 10 | | | | | 0 | 1.1 | 1.8 | 2.0 | 4.5 | | | | | | | |
| 11 | | | | | 0 | 0.7 | 1.5 | 1.5 | 3.5 | | | | | | | |
| 12 | | | | | 0 | 0.5 | 1.4 | 1.7 | 4.9 | | | | | | | |
| 13 | | | | | 0 | 1.8 | 2.4 | 2.5 | 5.4 | LL.12 | 8.6 | 8.5 | 15.4 | 18.2 | | |
| 14 | | | | | 0 | 0.5 | 3.8 | 2.3 | 7.8 | | | | | | | |
| 15 | | | | | 0 | 1.7 | 3.0 | 4.1 | 12.3 | | | | | | | |
| 16 | | | | | 0 | 5.2 | 2.5 | 2.4 | 5.6 | | | | | | | |
| 17 | | | | | 0 | 0.7 | 1.9 | 1.8 | 4.4 | | | | | | | |
| 18 | | | | | 0 | 0.7 | 2.3 | 3.1 | 6.0 | LL.13 | 7.1 | 8.6 | 12.8 | | | |
| 19 | | | | | 0 | 0.6 | 2.9 | 2.4 | 5.9 | | | | | | | |
| 20 | | | | | 0 | 0.6 | 2.5 | 3.2 | 6.6 | | | | | | | |
| 21 | | | | | 0 | 0.9 | 1.8 | 3.2 | 5.3 | | | | | | | |
| 22 | | | | | 0 | 0.3 | 2.4 | 2.5 | 5.5 | | | | | | | |
| 23 | | | | | 0 | 0.6 | 2.4 | 2.3 | 6.1 | LL.14 | 7.8 | 8.7 | 15.3 | | | |
| 24 | | | | | 0. | 1.4 | 2.9 | 3.5 | 8.3 | | | | | | | |
| 25 | | | | | 0 | 1.9 | 3.0 | 2.6 | 6.5 | | | | | | | |
| 26 | | | | | 0 | 0.9 | 2.3 | 1.8 | 4.4 | | | | | | | |
| 27 | | | | | 0 | 0.3 | 1.7 | 3.2 | 5.4 | | | | | | | |
| 28 | | | | | 0 | 0.5 | 2.9 | 2.3 | 6.1 | LL.15 | 7.0 | 8.2 | 14.8 | | | |
| 29 | | | | | 0 | 0.9 | 3.0 | 2.0 | 6.2 | | | | | | | |
| 30 | | | | | 0 | 1.2 | 1.7 | 2.0 | 4.5 | | | | | | | |
| 31 | | | | | 0 | 0.8 | 3.2 | 2.0 | 6.9 | | | | | | | |
| Prom. | 13.8 | 14.0 | 13.5 | 2.9 | | 1.1 | 2.3 | 2.3 | 5.7 | | | | | | | |

| 0.50 m. $8^h$ | 0.50 m. $14^h$ | 0.50 m. $20^h$ | 1 m. $8^h$ | 1 m. $14^h$ | 1 m. $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 23.0 | 23.0 | 23.0 | 21.6 | | 7.4 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 22.8 | 22.9 | 22.9 | 21.6 | | 6.1 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 22.6 | 22.7 | 22.7 | 21.6 | | 9.5 | Cn. m. t. y n., B. t., R. n. |
| - | - | - | 22.7 | 22.7 | 22.7 | 21.6 | | 18.0 | Cn. m., Ca. t. y n., Ru.LL. m., r. n. |
| - | - | - | 22.6 | 22.7 | 22.7 | 21.6 | | 13.0 | Ca. m. t. y n., N. m., Jl. n. |
| - | - | - | 22.7 | 22.7 | 22.7 | 21.6 | | 15.2 | Cn. m. t. y n., r. m. |
| - | - | - | 22.8 | 22.9 | 22.9 | 21.6 | | 15.1 | Ca. m. t. y n., r. m. y n. |
| - | - | - | 22.7 | 22.7 | 22.7 | 21.7 | | 12.6 | Cn. m. t. y n., r. m. |
| - | - | - | 22.9 | 23.0 | 23.0 | 21.6 | | 13.0 | Cn. m., Ca. t. y n., r. m. |
| - | - | - | 23.0 | 23.0 | 23.0 | 21.6 | | 13.9 | Ca. m. t. y n., r. m. |
| - | - | - | 23.0 | 23.0 | 23.0 | 21.5 | | 14.7 | Cn. m. t. y n., r. m. |
| - | - | - | 23.0 | 23.1 | 23.1 | 21.5 | | 17.1 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.0 | 23.1 | 23.1 | 21.5 | | 7.9 | Ca. m. t. y n., r. m., B. t. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.6 | | 5.4 | Ca. m. t. y n., r. m. |
| - | - | - | 23.1 | 23.2 | 23.2 | 21.6 | | 9.4 | Ca. m. t. y n., r. m. |
| - | - | - | 23.1 | 23.2 | 23.2 | 21.6 | | 11.3 | Ca. m., Cn. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 12.2 | Ca. m. t. y n., r. m., Dl. n. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 8.1 | Ca. m. t. y n., r. m. y n. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 6.9 | Ca. m. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 7.5 | Ca. m. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 7.7 | Ca. m. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 8.0 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 10.3 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 12.3 | Ca. m. t. y n., r. m., Tv. t. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.6 | | 13.2 | Ca. m. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 9.7 | Ca. m. t. y n., r. m. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.6 | | 7.3 | Cn. m. y t., Ca. n. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.6 | | 8.3 | Ca. m. t. y n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.7 | | 10.2 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.7 | | 13.2 | Cn. m. t. y n. |
| - | - | - | 23.2 | 23.2 | 23.2 | 21.7 | | 15.4 | Cn. m. t. y n. |
| - | - | - | 23.0 | 23.0 | 23.0 | 21.6 | - | 11.0 | |

## VALORES medios y absolutos decádicos y mensuales

| DÉCADA | PRESIÓN ATMOSFÉRICA AL NIVEL DEL OBSERVATORIO | | | | | | | TEMPERATURA DEL AIRE | | | | | | | | | HELIOFANÍA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Media | Máxima | Día | Hora | Mínima | Día | Hora | Media | Máxima Media | Mínima Media | Máxima Absoluta | Día | Hora | Mínima Absoluta | Día | Hora | Efectiva | Teórica Astronómica | Relativa |
| | mm. mb. | mm. mb. | | | mm. mb. | | | °C | °C | °C | °C | | | °C | | | Horas y Décimos | | % |
| 1ª | 58.6 | 66.1 | 7 | 12 | 54.2 | 6 | 4 | 21.6 | 26.7 | 16.1 | 31.8 | 4 | 15,16 | 9.7 | 8 | 6 | 7.4 | 12.6 | 58 |
| 2ª | 60.5 | 64.0 | 15 | 8 | 55.6 | 11 | varios | 18.9 | 24.0 | 13.8 | 29.4 | 18 | 14-15 | 10.9 | 12 | 7,8 | 6.9 | 12.2 | 57 |
| 3ª | 58.8 | 68.4 | 23 | 10 | 52.3 | 29 | 2-3 | 17.4 | 22.9 | 12.0 | 28.7 | 21 | 15 | 3.3 | 24 | 6-7 | 7.2 | 11.8 | 61 |
| MES | 59.3 | 68.4 | 23 | 10 | 52.3 | 29 | 2-3 | 19.3 | 24.5 | 13.9 | 31.8 | 4 | 15,16 | 3.3 | 24 | 6-7 | 7.2 | 12.2 | 59 |

| DÉCADA | HUMEDAD DEL AIRE | | | | | | | | VIENTO | | | | | | | | | | LLUVIA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Humedad Relativa | | | | | Tensión del Vapor | | | Dirección Prevalente | Velocidad Media | Veloc. Medias Máximas | | | | | Instantáneas | | | | | | | | |
| | Media | Máxima | Día | Mínima | Día | Media | Máxima | Mínima | | | Diaria | Día | Horaria | Día | Hora | Velocidad Máxima | Dirección | Día | Hora | Total | Máxima en 24 horas | Día | Máxima en 1 hora | Día | Hora |
| | % | % | | % | | mm. mb. | mm. mb. | mm. mb. | | Km/h | Km/h | | Km/h | | | Km/h | | | | mm. | mm. | | mm. | | |
| 1ª | 77 | 97 | varios | 45 | 1 | 14.4 | 20.8 | 8.5 | E | 10 | 60 | 5.6 | 28 | 6 | varios | 42 | N-S | 5-6 | 15.19 8.08 | 5.4 | 5.4 | 10 | - | - | - |
| 2ª | 77 | 99 | 15 | 38 | 16 | 11.8 | 16.5 | 8.0 | S | 10 | 48 | v | 22 | 15 | 10-11 | 32 | S | 11 | 16.48 | 0.6 | 0.6 | 11 | - | - | - |
| 3ª | 74 | 100 | varios | 24 | 31 | 10.7 | 17.1 | 4.0 | S | 11 | 72 | 30 | 30 | 30 | 14-15 | 42 | W | 30 | 17.38 | 34.8 | 22.0 | 28 | - | - | - |
| MES | 76 | 100 | varios | 24 | 31 | 12.2 | 20.8 | 4.0 | E | 11 | 72 | 30 | 30 | 30 | 14-15 | 42 | varios | v | varios | 40.8 | 22.0 | 28 | - | - | - |

## FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

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

ABRIL

## POTENCIAL ATMOSFÉRICO en V/M.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | 62 | 55 | 21 | 14 | 21 | 14 | 14 |
| 2 | 69 | 48 | 55 | 55 | 48 | 34 | 83 | 104 | 76 | 76 | 83 | 97 | 76 | 55 | 55 |
| 3 | 28 | 83 | 41 | 55 | 69 | 83 | 83 | - | 220 | 193 | 83 | 7 | 55 | 83 | 145 |
| 4 | 83 | 48 | 48 | 34 | 55 | 28 | 55 | 152 | 193 | 179 | 145 | 97 | 104 | 97 | 90 |
| 5 | 76 | 110 | 97 | 90 | 48 | 21 | 21 | 14 | 83 | 124 | 69 | 69 | 76 | 69 | 41 |
| 6 | 62 | 55 | 62 | 55 | 83 | 83 | 104 | 172 | 124 | 117 | 110 | 117 | 83 | 69 | 41 |
| 7 | 76 | 69 | - 21 | - 90 | -110 | - 90 | 28 | 104 | 172 | 104 | 83 | -131 | -210 | 21 | 226 |
| 8 | 104 | 83 | 28 | 28 | 41 | 41 | 48 | 62 | 83 | 76 | 14 | 21 | 28 | 21 | 69 |
| 9 | 69 | 62 | 62 | 97 | 83 | 76 | 110 | 145 | 186 | 166 | 124 | 138 | 110 | 110 | 55 |
| 10 | 14 | 21 | 34 | 21 | 34 | 48 | 55 | 76 | 69 | 76 | 104 | 124 | 138 | 131 | 152 |
| 11 | 69 | 41 | 69 | 69 | 41 | 14 | 28 | 117 | 124 | 124 | 83 | 69 | 83 | 76 | - |
| 12 | 34 | 28 | 28 | 28 | 21 | 14 | 21 | 21 | 69 | 104 | 104 | 76 | 62 | 41 | 34 |
| 13 | 83 | 34 | 55 | 62 | 90 | 90 | 90 | 97 | 172 | 145 | 124 | 97 | 83 | 48 | 55 |
| 14 | 62 | 34 | 69 | 104 | 83 | 104 | 117 | 166 | 124 | 124 | 110 | 124 | 110 | 104 | 97 |
| 15 | 90 | 76 | 69 | 83 | 90 | 83 | 97 | 166 | 166 | 138 | 124 | 117 | 97 | 76 | 97 |
| 16 | 110 | 28 | 41 | 41 | 28 | 41 | 21 | 97 | 172 | 152 | 152 | 159 | 110 | 62 | 7 |
| 17 | 97 | 34 | 21 | - | - | - | - | - | 34 | 104 | 138 | 76 | 152 | 145 | 110 |
| 18 | 41 | 48 | 55 | 48 | 41 | 28 | 34 | 76 | 55 | 69 | 69 | 83 | 69 | 62 | 62 |
| 19 | 62 | 55 | 41 | 41 | 34 | 41 | 28 | 55 | 34 | 41 | 69 | 97 | 90 | 69 | 69 |
| 20 | 41 | 28 | 28 | 14 | 41 | 14 | 48 | 110 | 90 | 48 | 41 | 34 | 34 | 28 | 21 |
| 21 | 28 | 28 | 28 | 41 | 48 | 41 | 41 | 152 | 252 | 233 | 186 | 145 | 131 | 76 | 62 |
| 22 | 41 | 34 | 55 | 69 | 41 | 97 | 69 | 83 | 48 | 41 | 7 | 7 | - 7 | 7 | 14 |
| 23 | 28 | 34 | 28 | 28 | 14 | 48 | 21 | 124 | 152 | 145 | 186 | 193 | 193 | 213 | 138 |
| 24 | 48 | 83 | 76 | 55 | 69 | 62 | 69 | 97 | 131 | 117 | 117 | 110 | 110 | 97 | 104 |
| 25 | 62 | 69 | 69 | 69 | 69 | 55 | 41 | 110 | 166 | 124 | 124 | 117 | - 21 | 55 | 76 |
| 26 | 138 | 117 | 186 | 159 | 110 | 138 | 55 | 104 | 131 | 110 | 110 | 83 | 83 | 76 | 83 |
| 27 | 55 | 41 | 55 | 76 | 69 | 62 | 90 | 90 | 117 | 76 | 69 | 83 | 90 | 55 | 69 |
| 28 | 55 | 83 | 69 | 69 | 62 | 41 | 21 | 83 | 226 | 226 | 291 | 220 | 172 | 14 | 48 |
| 29 | 131 | 62 | 124 | 172 | 131 | 83 | 69 | 76 | 117 | 104 | 159 | 172 | 145 | 131 | 131 |
| 30 | 48 | 55 | 48 | 48 | 62 | 48 | 76 | 97 | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 58.8 | 52.3 | 58.8 | 56.8 | 58.4 | 56.0 | 57.6 | 109.7 | 131.2 | 121.9 | 123.4 | 113.6 | 94.9 | 77.1 | 75.5 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | 1.24 | 1.24 | 2.48 | 1.00 | 1069 | 734 | 1803 | 1.46 | 0.81 | 1.18 |
| 2 | 1.09 | 1.08 | 2.17 | 1.01 | 856 | 582 | 1438 | 1.47 | 0.89 | 1.30 |
| 3 | 0.89 | 0.84 | 1.73 | 1.06 | 550 | 409 | 959 | 1.35 | 1.13 | 1.44 |
| 4 | 1.00 | 0.94 | 1.94 | 1.06 | 640 | 388 | 1028 | 1.65 | 1.09 | 1.69 |
| 5 | 1.01 | 0.96 | 1.97 | 1.05 | 551 | 350 | 901 | 1.57 | 1.27 | 1.91 |
| 6 | 0.88 | 0.83 | 1.71 | 1.06 | 508 | 277 | 785 | 1.83 | 1.21 | 2.09 |
| 7 | 0.81 | 0.97 | 1.78 | 0.83 | 493 | 487 | 980 | 1.01 | 1.15 | 1.39 |
| 8 | 0.95 | 0.93 | 1.88 | 1.02 | 443 | 307 | 750 | 1.44 | 1.50 | 2.11 |
| 9 | 1.00 | 0.98 | 1.98 | 1.02 | 653 | 526 | 1179 | 1.24 | 1.07 | 1.30 |
| 10 | 1.10 | 1.10 | 2.20 | 1.00 | 837 | 687 | 1524 | 1.22 | 0.92 | 1.12 |
| 11 | 1.14 | 1.23 | 2.37 | 0.93 | 778 | 723 | 1501 | 1.08 | 1.02 | 1.19 |
| 12 | 1.18 | 1.12 | 2.30 | 1.05 | 930 | 507 | 1437 | 1.84 | 0.89 | 1.54 |
| 13 | 0.86 | 0.82 | 1.68 | 1.05 | 715 | 446 | 1161 | 1.60 | 0.84 | 1.28 |
| 14 | 0.91 | 0.92 | 1.83 | 0.99 | 604 | 442 | 1046 | 1.37 | 1.05 | 1.45 |
| 15 | 1.05 | 1.01 | 2.06 | 1.04 | 683 | 481 | 1164 | 1.42 | 1.08 | 1.47 |
| 16 | 0.85 | 0.89 | 1.74 | 0.96 | 395 | 264 | 659 | 1.49 | 1.51 | 2.35 |
| 17 | 0.74 | 0.72 | 1.46 | 1.02 | 341 | 241 | 582 | 1.42 | 1.52 | 2.09 |
| 18 | 1.13 | 1.13 | 2.26 | 1.00 | 699 | 542 | 1241 | 1.29 | 1.13 | 1.46 |
| 19 | 0.96 | 0.94 | 1.90 | 1.02 | 592 | 459 | 1051 | 1.29 | 1.14 | 1.43 |
| 20 | 1.09 | 1.09 | 2.18 | 1.00 | 659 | 434 | 1093 | 1.52 | 1.16 | 1.70 |
| 21 | 0.73 | 0.72 | 1.45 | 1.01 | 640 | 391 | 1031 | 1.64 | 0.80 | 1.29 |
| 22 | 1.08 | 1.15 | 2.23 | 0.94 | 657 | 489 | 1146 | 1.34 | 1.15 | 1.65 |
| 23 | 0.92 | 0.90 | 1.82 | 1.02 | 387 | 261 | 648 | 1.48 | 1.67 | 2.40 |
| 24 | 0.87 | 0.93 | 1.80 | 0.94 | 566 | 421 | 987 | 1.34 | 1.07 | 1.55 |
| 25 | 1.07 | 0.99 | 2.06 | 1.08 | 632 | 432 | 1064 | 1.46 | 1.19 | 1.61 |
| 26 | 1.01 | 1.00 | 2.01 | 1.01 | 623 | 474 | 1097 | 1.31 | 1.13 | 1.48 |
| 27 | 1.00 | 1.01 | 2.01 | 0.99 | 575 | 368 | 943 | 1.56 | 1.24 | 1.90 |
| 28 | 0.85 | 0.81 | 1.66 | 1.05 | 486 | 308 | 794 | 1.58 | 1.22 | 1.84 |
| 29 | 0.96 | 0.97 | 1.93 | 0.99 | 576 | 482 | 1058 | 1.20 | 1.17 | 1.41 |
| 30 | 1.39 | 1.55 | 2.94 | 0.89 | 690 | 501 | 1191 | 1.38 | 1.41 | 2.14 |
| 31 | | | | | | | | | | |
| Prom. | 0.99 | 0.99 | 1.98 | 1.00 | 628 | 447 | 1075 | 1.40 | 1.10 | 1.55 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 34 | 48 | 62 | 104 | 76 | 69 | 90 | 69 | - | 145 | - 28 | 173 | 1 |
| 55 | 83 | 159 | 200 | 272 | 297 | 159 | 110 | 110 | 102.4 | 477 | - 28 | 505 | 1 |
| 200 | 220 | 172 | 179 | 193 | 166 | 131 | 76 | 90 | - | 408 | -239 | 647 | 2 |
| 90 | 97 | 124 | 220 | 186 | 186 | 145 | 172 | 124 | 114.7 | 483 | 00 | 483 | 0 |
| 21 | 14 | - | - | - | - | - | - | - | - | 207 | - 69 | 276 | 2 |
| 62 | 97 | 124 | 159 | 200 | 83 | 28 | 28 | 55 | 90.5 | 420 | 00 | 420 | 0 |
| 200 | 138 | 76 | 159 | 69 | 124 | 207 | 186 | 166 | - | 740 | -710 | 1450 | 2 |
| 83 | - | - | - | - | - | - | - | 48 | - | 186 | - 7 | 193 | 1 |
| 104 | 124 | - 69 | ± ∞ | - 48 | 48 | 41 | 76 | 55 | - | ∞ | - ∞ | - | 3 |
| 145 | 166 | 233 | 213 | 179 | 138 | 76 | 69 | 83 | 100.0 | 297 | - 62 | 359 | 1 |
| - 34 | 48 | - 21 | - 21 | - 14 | 7 | - | - | 14 | - | 310 | -533 | 843 | 2 |
| 34 | 41 | 48 | 55 | 69 | 76 | 76 | 62 | 55 | 50.0 | 138 | 14 | 124 | 0 |
| 55 | 62 | 117 | 193 | 179 | 166 | 159 | 152 | 90 | 104.1 | 357 | - 48 | 405 | 1 |
| 117 | 131 | 172 | 145 | 207 | 213 | 166 | 138 | 83 | 121.0 | 297 | 00 | 297 | 0 |
| 152 | 166 | 233 | 297 | 239 | 159 | 138 | 159 | 117 | 134.5 | 437 | 48 | 389 | 0 |
| 90 | 138 | - ∞ | ∞ | ∞ | 213 | 145 | 138 | 55 | - | ∞ | - ∞ | - | 3 |
| 76 | 41 | 62 | - | - | - | - | 48 | 48 | - | 200 | 00 | 200 | 0 |
| 83 | 166 | 166 | 172 | 138 | 138 | 76 | 83 | 97 | 81.6 | 310 | 00 | 310 | 0 |
| 90 | 138 | 152 | 172 | 117 | 117 | 83 | 34 | 28 | 73.2 | 278 | 14 | 264 | 0 |
| 28 | 55 | 48 | 62 | 55 | 76 | 69 | 62 | 41 | 46.5 | 131 | - 41 | 172 | 1 |
| 55 | 159 | 186 | 252 | 193 | 152 | 124 | 110 | 83 | 116.9 | 529 | - 14 | 543 | 1 |
| 7 | - 14 | - 14 | 48 | 69 | 41 | 28 | 34 | 34 | - | 186 | - 55 | 241 | 2 |
| 145 | 97 | 69 | 138 | 145 | 166 | 124 | 145 | 62 | 109.8 | 239 | - 28 | 267 | 1 |
| 138 | 152 | 200 | 207 | 138 | 104 | 110 | 97 | 83 | 107.2 | 239 | 00 | 239 | 0 |
| 97 | 90 | 193 | 213 | 207 | 233 | 138 | 124 | 110 | 107.9 | 322 | -188 | 510 | 1 |
| 104 | 124 | 138 | 207 | 110 | 97 | 69 | 55 | 55 | 110.1 | 291 | 00 | 291 | 0 |
| - 28 | 90 | 41 | 34 | - | - | - | - | - | - | 259 | - 71 | 330 | 1 |
| 83 | 69 | 159 | 152 | 207 | 186 | 124 | 145 | 117 | 121.8 | 385 | - 14 | 399 | 1 |
| 172 | 179 | 213 | 220 | 186 | 166 | 131 | - | - | - | 297 | 00 | 297 | 0 |
| - | - | - | - | - | 69 | 62 | 62 | 76 | - | 152 | 14 | 138 | 0 |
| 90.2 | 111.4 | 148.3 | 179.8 | 167.1 | 152.2 | 109.6 | 102.6 | 81.9 | 99.5 | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "i" . $10^{-7}$ U.E.S. | NÚCLEOS AITKEN |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | por cm² | por cm³ |
| 7672 | 9228 | 16900 | 0.83 | - | 11,500 |
| 10238 | 11395 | 21633 | 0.90 | 7.40 | 18,500 |
| 11066 | 12077 | 23143 | 0.92 | - | 25,250 |
| 11837 | 12648 | 24485 | 0.94 | 7.40 | 16,500 |
| 12854 | 13891 | 25745 | 0.92 | - | 31,500 |
| 10504 | 11588 | 22092 | 0.91 | 5.17 | - |
| 10914 | 11853 | 22767 | 0.92 | - | - |
| 9535 | 10622 | 20157 | 0.90 | - | - |
| 10283 | 10993 | 21276 | 0.93 | - | 28,000 |
| 6318 | 5869 | 12187 | 1.08 | 7.33 | 27,000 |
| 6170 | 4523 | 10693 | 1.37 | - | 16,000 |
| 6623 | 6843 | 13466 | 0.97 | 3.84 | - |
| 10345 | 11769 | 22104 | 0.88 | 5.83 | - |
| 11550 | 12279 | 23829 | 0.94 | 7.43 | 13,000 |
| 10209 | 11610 | 21819 | 0.88 | 9.27 | 13,250 |
| 14438 | 14450 | 28888 | 1.00 | - | 32,250 |
| 12105 | 11373 | 23478 | 1.06 | - | 39,000 |
| 7742 | 7177 | 14919 | 1.08 | 6.14 | 23,750 |
| 7364 | 7032 | 14396 | 1.05 | 4.64 | 11,250 |
| 7942 | 7313 | 15255 | 1.08 | 3.38 | - |
| 15313 | 15304 | 30617 | 1.00 | 5.64 | 52,750 |
| 8108 | 8703 | 16811 | 0.93 | - | 11,250 |
| 15497 | 16480 | 31977 | 0.94 | 6.67 | 30,000 |
| 15910 | 17525 | 32435 | 0.91 | 6.42 | 21,500 |
| 13939 | 15922 | 29861 | 0.87 | 7.43 | 18,000 |
| 15555 | 17006 | 32561 | 0.91 | 7.38 | 15,000 |
| 9339 | 11343 | 20682 | 0.83 | - | - |
| 15506 | 16524 | 32030 | 0.94 | 6.74 | 30,500 |
| 15396 | 16568 | 31964 | 0.93 | - | 21,000 |
| 6503 | 6762 | 13265 | 0.97 | - | 7,750 |
| 10854 | 11527 | 22381 | 0.94 | 6.36 | 22,350 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.49 | 1.49 | 1.62 | 1.62 | 1.53 | 1.51 | 1.50 | 1.41 | 1.30 | 1.06 | 1.13 | 1.12 |
| 2 | 1.12 | 1.26 | 1.43 | 1.48 | 1.35 | 1.62 | 1.23 | 1.20 | 1.34 | 1.52 | 1.32 | 1.10 |
| 3 | 0.90 | 0.88 | 1.05 | 1.14 | 1.21 | 1.07 | - | - | 0.98 | 0.83 | 0.88 | 0.93 |
| 4 | 1.03 | 1.14 | 1.12 | 1.11 | 1.07 | 1.18 | 1.08 | 1.17 | 0.93 | 1.04 | 1.03 | 1.13 |
| 5 | 1.01 | 1.17 | 0.97 | - | - | - | - | - | 0.82 | 1.36 | 1.08 | 0.99 |
| 6 | 0.79 | 0.70 | 0.78 | 0.73 | 0.68 | 0.73 | 0.82 | 0.76 | 0.93 | 1.19 | 1.08 | 1.03 |
| 7 | 1.06 | 0.68 | 0.79 | 0.95 | 0.87 | 1.01 | 1.21 | 0.64 | 0.59 | 0.75 | 0.63 | 0.91 |
| 8 | 0.80 | 0.94 | 1.00 | 0.94 | 0.96 | 0.89 | 0.98 | 1.02 | 1.20 | 0.85 | 1.19 | 1.29 |
| 9 | 1.24 | 1.63 | 1.50 | 1.42 | 1.53 | 1.37 | 1.33 | 1.29 | 1.20 | 1.06 | 1.35 | 1.27 |
| 10 | 1.35 | 1.52 | 1.53 | 1.63 | 1.54 | 1.45 | 1.31 | 1.10 | 1.01 | 0.98 | 1.10 | 1.06 |
| 11 | 1.67 | 1.17 | 0.93 | 0.81 | 0.85 | 1.08 | 0.87 | 0.72 | 0.74 | 1.04 | 1.06 | 1.17 |
| 12 | 1.44 | - | - | - | - | - | - | - | - | 1.15 | 1.26 | 1.33 |
| 13 | - | - | - | - | - | - | - | 0.89 | 0.91 | 1.10 | 1.07 | 1.06 |
| 14 | 0.88 | 0.83 | 1.12 | 0.82 | 0.85 | 0.89 | 0.91 | 0.96 | 0.89 | 0.98 | 1.02 | 1.10 |
| 15 | 1.13 | 1.15 | 1.13 | 1.10 | 1.08 | 1.05 | 1.15 | 1.07 | 1.05 | 1.06 | 1.11 | 1.17 |
| 16 | - | - | - | - | - | - | - | - | 0.74 | 1.02 | 1.05 | 0.93 |
| 17 | 0.58 | 0.63 | 0.53 | 0.54 | 0.84 | 0.75 | 0.70 | 0.51 | 0.69 | 0.89 | 1.10 | 0.82 |
| 18 | 0.95 | 1.03 | 1.10 | 1.17 | 1.19 | 1.01 | 0.95 | 0.86 | 1.09 | 1.39 | 1.49 | 1.17 |
| 19 | - | - | - | - | - | - | - | - | 0.83 | 1.27 | 1.38 | 1.19 |
| 20 | 0.75 | 0.98 | 1.18 | 1.09 | 0.72 | 0.71 | 0.91 | 1.05 | 1.41 | 1.51 | 1.37 | 1.31 |
| 21 | - | - | - | - | - | - | - | - | - | 0.79 | 1.03 | 0.74 |
| 22 | - | - | - | - | - | - | - | 1.01 | 1.37 | 1.20 | 1.34 | 0.98 |
| 23 | 1.39 | 1.27 | 1.48 | 1.21 | 0.87 | 0.93 | 0.97 | 1.22 | 0.96 | 0.86 | 0.77 | 0.64 |
| 24 | 0.88 | 0.96 | 0.84 | - | - | - | - | - | - | 1.07 | 1.13 | 1.01 |
| 25 | 0.82 | 0.87 | 1.03 | 1.50 | 1.32 | 1.30 | 1.19 | 1.41 | 1.28 | 1.20 | 1.04 | 0.98 |
| 26 | 0.70 | 0.94 | 0.71 | 0.74 | 0.71 | 1.03 | 0.97 | 0.76 | 1.20 | 1.25 | 1.17 | 1.31 |
| 27 | 1.27 | 1.41 | 1.27 | 0.92 | 0.86 | 0.83 | 0.77 | 0.95 | 0.89 | 1.30 | 1.23 | 1.12 |
| 28 | 1.11 | 0.91 | 1.11 | 1.04 | 1.01 | 0.90 | 1.15 | 1.17 | 1.08 | 0.82 | 0.75 | 0.61 |
| 29 | - | - | - | - | - | - | - | - | 0.89 | 0.94 | 0.97 | 1.01 |
| 30 | 1.20 | 1.54 | 1.65 | 1.48 | 1.14 | 0.95 | 1.15 | 1.27 | 0.99 | 1.15 | 1.37 | 1.53 |
| 31 | | | | | | | | | | | | |
| Promedio | 1.06 | 1.09 | 1.13 | 1.12 | 1.05 | 1.06 | 1.06 | 1.02 | 1.01 | 1.09 | 1.12 | 1.07 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.65 | 1.54 | 1.47 | 1.65 | 1.66 | 1.60 | 1.57 | 1.38 | 1.28 | 1.31 | 1.25 | 1.24 |
| 2 | 1.05 | 1.28 | 1.55 | 1.47 | 1.52 | 1.60 | 1.22 | 1.10 | 1.52 | 1.58 | 1.28 | 1.10 |
| 3 | 0.81 | 0.89 | 0.93 | 0.98 | 1.05 | 0.96 | - | - | 0.87 | 0.84 | 0.97 | 0.94 |
| 4 | 1.09 | 1.02 | 0.93 | 1.13 | 0.98 | 1.05 | 1.05 | 1.09 | 0.81 | 0.98 | 0.95 | 1.12 |
| 5 | 1.02 | 0.58 | 0.84 | - | - | - | - | - | 1.00 | 1.04 | 0.95 | 0.95 |
| 6 | 0.76 | 0.72 | 0.79 | 0.72 | 0.60 | 0.58 | 0.70 | 0.52 | 0.98 | 1.07 | 1.07 | 0.93 |
| 7 | 1.14 | 1.60 | 1.11 | 1.41 | 1.41 | 1.20 | 1.35 | 0.84 | 0.65 | 0.79 | 0.82 | 1.06 |
| 8 | 0.76 | 0.96 | 1.00 | 0.94 | 0.92 | 0.88 | 0.96 | 0.97 | 1.07 | 0.88 | 1.27 | 1.32 |
| 9 | 1.48 | 1.66 | 1.47 | 1.36 | 1.44 | 1.31 | 1.24 | 1.19 | 1.29 | 1.03 | 1.34 | 1.14 |
| 10 | 1.42 | 1.50 | 1.54 | 1.76 | 1.47 | 1.24 | 1.19 | 1.02 | 0.99 | 0.99 | 1.04 | 0.95 |
| 11 | 1.70 | 1.00 | 0.97 | 0.67 | 0.78 | 0.83 | 0.78 | 0.60 | 0.69 | 0.92 | 1.10 | 1.24 |
| 12 | 1.49 | - | - | - | - | - | - | - | - | 1.12 | 1.22 | 1.22 |
| 13 | - | - | - | - | - | - | - | 0.75 | 0.94 | 1.09 | 1.05 | 1.07 |
| 14 | 0.91 | 1.03 | 1.10 | 0.86 | 1.03 | 0.65 | 0.92 | 0.92 | 0.99 | 1.12 | 1.14 | 1.03 |
| 15 | 1.05 | 1.12 | 1.17 | 1.02 | 1.00 | 0.95 | 0.97 | 0.88 | 0.97 | 1.07 | 1.19 | 1.22 |
| 16 | 0.61 | 0.58 | 0.56 | 0.60 | 0.81 | 0.69 | 0.63 | - | 1.07 | 1.17 | 0.94 | 0.76 |
| 17 | 0.61 | 0.58 | 0.56 | 0.60 | 0.81 | 0.69 | 0.63 | 0.58 | 0.67 | 0.92 | 0.99 | 0.72 |
| 18 | 0.98 | 1.01 | 1.03 | 1.12 | 0.97 | 1.17 | 1.03 | 0.88 | 1.30 | 1.42 | 1.44 | 1.17 |
| 19 | - | - | - | - | - | - | - | 0.83 | 0.98 | 1.32 | 1.58 | 1.17 |
| 20 | 0.82 | 1.24 | 1.56 | 1.22 | 0.66 | 0.94 | 0.97 | 1.07 | 1.46 | 1.50 | 1.50 | 1.33 |
| 21 | - | - | - | - | - | - | - | - | - | 0.80 | 0.93 | 0.72 |
| 22 | - | - | - | - | - | - | - | 1.22 | 1.49 | 1.56 | 1.33 | 1.07 |
| 23 | 1.31 | 1.28 | 1.42 | 1.10 | 0.96 | 0.82 | 1.00 | 0.91 | 0.91 | 0.76 | 0.76 | 0.70 |
| 24 | 1.02 | 0.97 | 0.93 | - | - | - | - | - | - | 1.09 | 1.07 | 1.05 |
| 25 | 0.67 | 0.71 | 1.04 | 1.39 | 1.20 | 1.10 | 1.17 | 1.12 | 1.02 | 1.09 | 1.02 | 1.00 |
| 26 | 0.73 | 0.88 | 0.79 | 0.79 | 0.74 | 0.88 | 0.91 | 0.88 | 1.37 | 1.09 | 1.27 | 1.37 |
| 27 | 1.35 | 1.45 | 1.11 | 0.75 | 0.80 | 0.95 | 0.71 | 0.83 | 1.14 | 1.39 | 1.29 | 1.02 |
| 28 | 1.05 | 0.77 | 0.89 | 0.91 | 0.94 | 0.93 | 1.38 | 1.22 | 0.87 | 0.72 | 0.73 | 0.58 |
| 29 | - | - | - | - | - | - | - | - | 0.85 | 0.98 | 0.94 | 0.91 |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Promedio | 1.09 | 1.11 | 1.13 | 1.12 | 1.05 | 1.01 | 1.04 | 0.95 | 1.05 | 1.10 | 1.14 | 1.06 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.22 | 1.11 | 1.16 | 1.18 | 1.22 | 1.05 | 1.09 | 0.94 | 1.02 | 0.87 | 0.92 | 1.13 | 1.24 |
| 0.98 | 1.00 | 1.04 | 1.00 | 0.91 | 0.70 | 0.75 | 0.65 | 0.57 | 0.73 | 0.88 | 0.94 | 1.09 |
| 1.03 | 0.83 | 0.80 | 0.79 | 0.68 | 0.64 | 0.51 | 0.65 | 0.89 | 0.93 | 0.92 | 1.15 | 0.89 |
| 1.08 | 1.20 | 1.12 | 1.03 | 1.14 | 0.79 | 0.50 | 0.69 | 0.87 | 0.94 | 0.83 | 0.94 | 1.00 |
| 1.06 | 1.15 | 1.09 | 1.07 | 1.02 | 1.35 | 1.13 | 0.85 | 0.72 | 0.73 | 0.79 | 0.78 | 1.01 |
| 1.08 | 1.00 | 0.96 | 1.03 | 1.24 | 0.78 | 0.86 | 0.84 | 0.97 | 0.62 | 0.76 | 0.72 | 0.88 |
| 0.71 | 0.79 | 0.84 | 0.70 | 0.68 | 0.87 | 0.79 | 0.76 | 0.77 | 0.81 | 0.83 | 0.80 | 0.81 |
| 1.17 | 1.10 | 0.87 | 0.73 | 0.81 | 0.89 | 0.81 | 0.86 | 1.02 | 0.89 | 0.79 | 0.90 | 0.95 |
| 1.26 | 1.14 | 0.92 | 0.94 | 0.56 | 0.53 | 0.43 | 0.37 | 0.36 | 0.29 | 0.40 | 0.75 | 1.00 |
| 0.94 | 0.99 | 1.14 | 1.20 | 1.14 | 1.00 | 0.65 | 0.28 | 0.35 | 0.57 | 1.06 | 1.48 | 1.10 |
| 1.38 | 1.26 | 1.17 | 1.12 | 0.78 | 1.34 | 1.42 | 1.13 | 1.26 | 1.36 | 1.53 | 1.51 | 1.14 |
| 1.09 | 1.09 | 1.21 | 1.07 | 1.15 | 1.20 | 1.24 | 1.01 | 1.15 | 1.12 | - | - | 1.18 |
| 1.01 | 1.00 | 0.87 | 0.87 | 0.91 | 0.76 | 0.57 | 0.59 | 0.83 | 0.87 | 0.56 | 0.79 | 0.86 |
| 1.01 | 0.97 | 1.01 | 0.97 | 0.93 | 0.80 | 0.68 | 0.85 | 0.71 | 0.90 | 0.74 | 0.96 | 0.91 |
| 1.30 | 1.19 | 1.21 | 1.03 | 0.72 | 0.77 | 0.84 | 0.71 | - | - | - | - | 1.05 |
| 0.91 | 1.02 | 0.72 | 0.73 | 0.68 | 0.55 | 0.96 | 0.74 | 0.91 | 0.88 | 0.80 | 0.90 | 0.85 |
| 0.72 | 0.83 | 0.84 | 0.76 | 0.83 | 0.85 | 1.03 | 0.83 | 0.78 | 0.67 | 0.56 | 0.40 | 0.74 |
| 1.26 | 1.38 | 1.33 | 1.28 | 0.88 | 0.91 | 1.02 | - | - | - | - | - | 1.13 |
| 0.94 | 1.26 | 1.41 | 1.26 | 0.97 | 0.63 | 0.98 | 0.85 | 0.55 | 0.45 | 0.64 | 0.76 | 0.96 |
| 1.38 | 1.15 | 1.31 | 1.09 | 0.89 | 1.03 | 1.08 | 1.08 | 1.05 | 0.95 | 1.06 | - | 1.09 |
| 0.63 | 0.66 | 0.67 | 0.73 | 0.71 | 0.59 | - | - | - | - | - | - | 0.73 |
| 0.96 | 0.98 | 0.89 | 0.89 | 0.86 | 0.71 | 0.89 | 1.04 | 1.15 | 1.27 | 1.42 | 1.34 | 1.08 |
| 0.73 | 0.65 | 0.68 | 0.71 | 0.62 | 0.63 | 0.68 | 1.04 | 1.08 | 0.93 | 0.96 | 0.91 | 0.92 |
| 1.06 | 1.17 | 0.96 | 0.86 | 0.71 | 0.42 | 0.96 | 0.83 | 0.27 | 0.70 | 0.91 | 0.87 | 0.87 |
| 0.77 | 1.15 | 1.29 | 1.15 | 1.47 | 0.78 | 1.03 | 0.89 | 0.70 | 0.83 | 0.82 | 0.96 | 1.07 |
| 1.30 | 1.43 | 1.47 | 1.31 | 1.04 | 0.73 | 1.04 | 0.73 | 0.62 | 0.76 | 0.95 | 1.32 | 1.01 |
| 1.05 | 1.06 | 1.21 | 1.02 | 0.77 | 0.75 | 0.73 | 0.75 | 0.79 | 0.78 | 0.74 | 1.39 | 1.00 |
| 0.46 | 0.52 | 0.67 | 0.79 | 0.79 | 0.72 | 0.79 | 0.62 | - | - | - | - | 0.85 |
| 0.84 | 0.92 | 0.88 | 0.97 | 0.96 | 0.79 | 0.65 | 0.92 | 1.08 | 1.23 | 1.12 | 1.28 | 0.96 |
| 1.81 | 1.62 | 1.74 | 1.66 | 1.54 | 1.23 | - | - | - | - | - | - | 1.39 |
| 1.04 | 1.05 | 1.05 | 1.00 | 0.92 | 0.82 | 0.86 | 0.80 | 0.82 | 0.84 | 0.87 | 1.00 | 0.99 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.30 | 1.19 | 1.27 | 1.15 | 1.17 | 1.09 | 0.97 | 0.80 | 0.79 | 0.81 | 0.76 | 0.96 | 1.24 |
| 1.07 | 1.09 | 1.04 | 0.93 | 0.89 | 0.63 | 0.71 | 0.49 | 0.47 | 0.64 | 0.81 | 1.05 | 1.08 |
| 0.97 | 0.72 | 0.75 | 0.69 | 0.60 | 0.60 | 0.45 | 0.64 | 0.80 | 0.88 | 1.00 | 1.17 | 0.84 |
| 1.02 | 1.12 | 1.14 | 1.02 | 1.02 | 0.60 | 0.42 | 0.69 | 0.83 | 0.83 | 0.82 | 0.87 | 0.94 |
| 1.04 | 1.07 | 1.09 | 1.07 | 1.13 | 1.40 | 1.12 | 0.83 | 0.70 | 0.77 | 0.81 | 0.83 | 0.96 |
| 0.95 | 1.05 | 0.95 | 1.10 | 1.26 | 0.72 | 0.78 | 0.83 | 0.93 | 0.58 | 0.67 | 0.72 | 0.83 |
| 0.97 | 0.83 | 0.88 | 0.78 | 0.78 | 0.92 | 0.85 | 0.82 | 0.76 | 0.87 | 0.82 | 0.74 | 0.97 |
| 1.19 | 1.19 | 0.83 | 0.65 | 0.82 | 0.84 | 0.78 | 0.82 | 0.93 | 0.94 | 0.80 | 0.75 | 0.93 |
| 1.24 | 0.96 | 0.96 | 0.91 | 0.53 | 0.60 | 0.41 | 0.37 | 0.32 | 0.25 | 0.30 | 0.76 | 0.98 |
| 1.01 | 1.02 | 1.14 | 0.98 | 1.04 | 1.00 | 0.60 | 0.39 | 0.90 | 0.98 | 1.08 | 1.23 | 1.10 |
| 1.42 | 1.32 | 1.05 | 0.97 | 1.08 | 1.58 | 1.86 | 1.34 | 1.42 | 1.71 | 1.89 | 1.51 | 1.23 |
| 1.09 | 1.14 | 1.14 | 1.17 | 1.22 | 1.17 | 1.05 | 0.85 | 0.93 | 0.95 | - | - | 1.12 |
| 1.04 | 1.00 | 0.93 | 0.90 | 0.83 | 0.65 | 0.55 | 0.62 | 0.61 | 0.62 | 0.57 | 0.69 | 0.82 |
| 0.95 | 1.02 | 1.02 | 0.91 | 0.86 | 0.68 | 0.58 | 0.69 | 0.72 | 0.96 | 1.03 | 0.91 | 0.92 |
| 1.32 | 1.42 | 1.12 | 0.97 | 0.62 | 0.71 | 0.70 | 0.75 | - | - | - | - | 1.01 |
| 0.93 | 1.01 | 0.79 | 0.74 | 0.73 | 1.05 | 0.85 | 0.70 | 0.85 | 0.86 | 0.88 | 0.87 | 0.89 |
| 0.77 | 0.84 | 0.76 | 0.77 | 0.82 | 0.88 | 0.98 | 0.85 | 0.74 | 0.60 | 0.51 | 0.44 | 0.72 |
| 1.27 | 1.39 | 1.43 | 1.19 | 0.80 | 0.94 | 0.91 | - | - | - | - | - | 1.13 |
| 1.02 | 1.32 | 1.37 | 1.14 | 0.75 | 0.57 | 0.99 | 0.71 | 0.49 | 0.40 | 0.63 | 0.75 | 0.94 |
| 1.32 | 1.17 | 1.34 | 1.05 | 0.92 | 0.93 | 0.86 | 1.02 | 0.83 | 0.76 | 0.96 | - | 1.09 |
| 0.65 | 0.65 | 0.75 | 0.70 | 0.70 | 0.55 | - | - | - | - | - | - | 0.72 |
| 1.10 | 1.05 | 1.00 | 0.97 | 0.92 | 0.82 | 0.82 | 1.00 | 1.29 | 1.32 | 1.32 | 1.21 | 1.15 |
| 0.69 | 0.58 | 0.74 | 0.74 | 0.65 | 0.58 | 0.68 | 0.96 | 1.00 | 0.91 | 0.97 | 1.05 | 0.90 |
| 1.07 | 1.10 | 1.12 | 0.94 | 0.76 | 0.62 | 0.95 | 0.95 | 0.54 | 0.98 | 0.78 | 0.81 | 0.93 |
| 0.87 | 1.15 | 1.30 | 1.19 | 0.90 | 0.72 | 0.94 | 0.82 | 0.67 | 0.86 | 0.83 | 1.00 | 0.99 |
| 1.32 | 1.32 | 1.45 | 1.17 | 0.88 | 0.59 | 1.02 | 0.60 | 0.58 | 0.67 | 1.16 | 1.47 | 1.00 |
| 0.95 | 0.95 | 1.20 | 1.39 | 0.72 | 0.70 | 0.79 | 0.77 | 0.84 | 0.80 | 0.85 | 1.39 | 1.01 |
| 0.49 | 0.60 | 0.69 | 0.77 | 0.76 | 0.70 | 0.67 | 0.53 | - | - | - | - | 0.81 |
| 0.87 | 0.87 | 0.90 | 1.01 | 0.93 | 0.69 | 0.70 | 1.08 | 1.17 | 1.15 | 1.20 | 1.31 | 0.97 |
| 1.76 | 1.80 | 2.00 | 2.06 | 2.12 | 1.19 | - | - | - | - | - | - | 1.55 |
| 1.05 | 1.06 | 1.07 | 1.00 | 0.90 | 0.82 | 0.82 | 0.77 | 0.80 | 0.84 | 0.89 | 0.98 | 0.99 |

## IONES LIVIANOS POSITIVOS "n+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1115 | 1035 | 1035 | 1115 | 1035 | 1035 | 1035 | 1031 | 1395 | 1990 | 1673 | 1275 |
| 2 | 707 | 868 | 1035 | 1035 | 1035 | 1115 | 782 | 868 | 1275 | 1595 | 1435 | 1035 |
| 3 | 434 | 434 | 521 | 608 | 608 | 707 | 434 | 477 | 992 | 1035 | 1035 | 782 |
| 4 | 434 | 521 | 434 | 521 | 521 | 521 | 434 | 521 | 614 | 868 | 868 | 868 |
| 5 | 521 | 738 | 782 | 707 | 782 | 565 | 521 | 608 | 608 | 707 | 608 | 608 |
| 6 | 260 | 260 | 347 | 347 | 347 | 347 | 521 | 707 | 521 | 521 | 608 | 782 |
| 7 | 707 | 484 | 521 | 608 | 521 | 608 | 782 | 564 | 434 | 608 | 521 | 521 |
| 8 | 434 | 521 | 564 | 521 | 521 | 477 | 564 | 608 | 477 | 521 | 707 | 521 |
| 9 | 868 | 707 | 707 | 782 | 782 | 521 | 707 | 707 | 782 | 955 | 868 | 955 |
| 10 | 1275 | 1354 | 1314 | 1314 | 1275 | 1194 | 955 | 868 | 868 | 1071 | 1115 | 707 |
| 11 | 955 | 1035 | 782 | 521 | 521 | 707 | 521 | 521 | 564 | 657 | 782 | 955 |
| 12 | 911 | 1035 | 868 | 911 | 868 | 868 | 868 | 911 | 868 | 955 | 1275 | 1275 |
| 13 | 608 | 521 | 521 | 434 | 477 | 657 | 521 | 521 | 1194 | 1435 | 1275 | 1275 |
| 14 | 390 | 521 | 707 | 564 | 521 | 608 | 521 | 570 | 782 | 868 | 868 | 911 |
| 15 | 707 | 707 | 564 | 608 | 707 | 707 | 657 | 782 | 782 | 955 | 955 | 1035 |
| 16 | 347 | 434 | 434 | 434 | 347 | 477 | 303 | 353 | 614 | 564 | 434 | 434 |
| 17 | 260 | 260 | 347 | 303 | 477 | 434 | 347 | 303 | 347 | 347 | 347 | 347 |
| 18 | 782 | 707 | 738 | 868 | 745 | 707 | 608 | 707 | 707 | 955 | 955 | 1115 |
| 19 | 347 | 434 | 831 | 707 | 955 | 707 | 707 | 608 | 521 | 782 | 707 | 434 |
| 20 | 521 | 521 | 521 | 391 | 347 | 434 | 477 | 707 | 608 | 955 | 955 | 955 |
| 21 | 908 | 955 | 955 | 955 | 868 | 868 | 868 | 1194 | 434 | 707 | 955 | 782 |
| 22 | 521 | 521 | 521 | 477 | 434 | 434 | 521 | 608 | 707 | 707 | 868 | 1035 |
| 23 | 608 | 477 | 608 | 434 | 260 | 260 | 347 | 434 | 521 | 521 | 434 | 347 |
| 24 | 347 | 590 | 608 | 608 | 347 | 434 | 608 | 477 | 782 | 707 | 955 | 868 |
| 25 | 434 | 521 | 564 | 868 | 868 | 707 | 521 | 821 | 782 | 868 | 782 | 868 |
| 26 | 260 | 260 | 347 | 434 | 434 | 434 | 434 | 564 | 707 | 782 | 955 | 1115 |
| 27 | 565 | 608 | 608 | 521 | 608 | 521 | 521 | 608 | 521 | 707 | 608 | 608 |
| 28 | 608 | 521 | 608 | 608 | 521 | 434 | 521 | 521 | 564 | 434 | 390 | 347 |
| 29 | 303 | 260 | 260 | 260 | 260 | 260 | 477 | 521 | 738 | 908 | 955 | 1035 |
| 30 | 564 | 787 | 782 | 707 | 608 | 564 | 521 | 614 | 707 | 608 | 868 | 912 |
| 31 | | | | | | | | | | | | |
| Promedio | 590 | 620 | 648 | 639 | 620 | 610 | 587 | 643 | 714 | 843 | 859 | 823 |

## IONES LIVIANOS NEGATIVOS "n-" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 752 | 676 | 676 | 676 | 676 | 676 | 676 | 677 | 1001 | 1595 | 1530 | 1120 |
| 2 | 312 | 451 | 602 | 676 | 676 | 676 | 451 | 451 | 902 | 1285 | 1086 | 828 |
| 3 | 312 | 226 | 226 | 312 | 376 | 376 | 312 | 312 | 828 | 976 | 1120 | 976 |
| 4 | 150 | 150 | 150 | 226 | 226 | 226 | 226 | 226 | 338 | 676 | 752 | 752 |
| 5 | 312 | 312 | 376 | 376 | 451 | 451 | 376 | 376 | 312 | 312 | 376 | 376 |
| 6 | 226 | 150 | 150 | 226 | 150 | 150 | 226 | 150 | 226 | 312 | 451 | 376 |
| 7 | 312 | 376 | 451 | 526 | 451 | 526 | 676 | 312 | 344 | 451 | 752 | 2340 |
| 8 | 150 | 231 | 376 | 344 | 312 | 344 | 312 | 312 | 376 | 312 | 602 | 526 |
| 9 | 676 | 676 | 419 | 526 | 564 | 451 | 413 | 381 | 602 | 828 | 828 | 866 |
| 10 | 1012 | 1188 | 1269 | 1250 | 1014 | 752 | 752 | 672 | 752 | 970 | 936 | 602 |
| 11 | 639 | 639 | 489 | 312 | 344 | 376 | 344 | 188 | 226 | 602 | 714 | 790 |
| 12 | 639 | 602 | 602 | 526 | 526 | 312 | 301 | 312 | 312 | 526 | 905 | 990 |
| 13 | 226 | 219 | 226 | 226 | 150 | 150 | 219 | 312 | 714 | 1188 | 976 | 1014 |
| 14 | 269 | 312 | 269 | 226 | 312 | 226 | 312 | 312 | 676 | 790 | 905 | 976 |
| 15 | 344 | 451 | 451 | 344 | 451 | 312 | 312 | 376 | 602 | 828 | 905 | 905 |
| 16 | 226 | 226 | 226 | 226 | 269 | 312 | 231 | 150 | 301 | 301 | 269 | 226 |
| 17 | 150 | 150 | 188 | 226 | 376 | 376 | 226 | 312 | 226 | 226 | 312 | 226 |
| 18 | 526 | 526 | 526 | 602 | 526 | 526 | 451 | 376 | 676 | 905 | 976 | 1014 |
| 19 | 226 | 226 | 451 | 526 | 639 | 526 | 526 | 526 | 451 | 905 | 782 | 376 |
| 20 | 312 | 376 | 312 | 312 | 226 | 269 | 226 | 269 | 526 | 905 | 828 | 752 |
| 21 | 451 | 451 | 526 | 376 | 376 | 451 | 451 | 344 | 376 | 489 | 752 | 676 |
| 22 | 312 | 312 | 269 | 312 | 312 | 312 | 312 | 376 | 413 | 526 | 866 | 976 |
| 23 | 312 | 312 | 226 | 312 | 226 | 226 | 269 | 226 | 269 | 376 | 226 | 226 |
| 24 | 312 | 312 | 376 | 312 | 226 | 376 | 451 | 376 | 715 | 905 | 828 | 676 |
| 25 | 226 | 226 | 226 | 451 | 602 | 312 | 312 | 226 | 376 | 676 | 639 | 752 |
| 26 | 226 | 312 | 269 | 312 | 312 | 376 | 312 | 381 | 451 | 676 | 976 | 976 |
| 27 | 451 | 376 | 269 | 344 | 376 | 312 | 312 | 312 | 312 | 451 | 451 | 376 |
| 28 | 312 | 226 | 226 | 226 | 312 | 344 | 376 | 312 | 226 | 150 | 188 | 226 |
| 29 | 226 | 226 | 226 | 226 | 226 | 226 | 413 | 451 | 677 | 866 | 828 | 905 |
| 30 | 412 | 451 | 488 | 451 | 344 | 312 | 312 | 263 | 602 | 676 | 752 | 828 |
| 31 | | | | | | | | | | | | |
| Promedio | 367 | 379 | 384 | 400 | 401 | 375 | 370 | 342 | 494 | 689 | 750 | 755 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1275 | 11115 | 1035 | 1035 | 1035 | 1035 | 1035 | 608 | 782 | 608 | 608 | 707 | 1069 |
| 1035 | 1115 | 1035 | 707 | 707 | 521 | 434 | 434 | 390 | 434 | 521 | 434 | 856 |
| 608 | 434 | 434 | 347 | 434 | 434 | 347 | 347 | 434 | 434 | 434 | 434 | 550 |
| 955 | 1035 | 1035 | 868 | 955 | 707 | 434 | 434 | 434 | 434 | 434 | 521 | 640 |
| 608 | 608 | 608 | 608 | 521 | 521 | 434 | 347 | 260 | 260 | 347 | 347 | 551 |
| 782 | 868 | 782 | 707 | 707 | 521 | 434 | 347 | 347 | 347 | 347 | 434 | 508 |
| 434 | 608 | 608 | 434 | 303 | 347 | 347 | 347 | 521 | 347 | 347 | 303 | 493 |
| 434 | 347 | 347 | 260 | 260 | 347 | 260 | 217 | 347 | 260 | 260 | 868 | 443 |
| 955 | 868 | 608 | 477 | 347 | 390 | 390 | 260 | 260 | 260 | 570 | 955 | 653 |
| 707 | 707 | 707 | 868 | 744 | 434 | 347 | 347 | 347 | 521 | 521 | 521 | 837 |
| 868 | 868 | 1115 | 707 | 608 | 608 | 995 | 868 | 868 | 868 | 868 | 911 | 778 |
| 1035 | 995 | 1035 | 868 | 868 | 1035 | 868 | 782 | 868 | 868 | 707 | 782 | 930 |
| 1035 | 1035 | 868 | 782 | 707 | 521 | 347 | 347 | 521 | 521 | 521 | 521 | 715 |
| 868 | 868 | 782 | 707 | 707 | 477 | 347 | 347 | 347 | 347 | 347 | 521 | 604 |
| 1275 | 1354 | 1194 | 707 | 608 | 347 | 260 | 260 | 260 | 260 | 347 | 347 | 683 |
| 564 | 571 | 260 | 347 | 347 | 217 | 347 | 347 | 347 | 347 | 347 | 260 | 395 |
| 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 260 | 341 |
| 1035 | 1115 | 868 | 955 | 608 | 434 | 347 | 347 | 347 | 434 | 347 | 347 | 699 |
| 477 | 955 | 955 | 782 | 608 | 347 | 347 | 347 | 347 | 434 | 434 | 434 | 592 |
| 955 | 911 | 782 | 707 | 707 | 608 | 608 | 608 | 608 | 608 | 608 | 707 | 659 |
| 707 | 434 | 434 | 347 | 390 | 347 | 347 | 347 | 347 | 347 | 347 | 521 | 640 |
| 1035 | 955 | 825 | 707 | 608 | 521 | 608 | 707 | 707 | 521 | 608 | 608 | 657 |
| 434 | 347 | 347 | 347 | 347 | 260 | 347 | 347 | 347 | 347 | 347 | 226 | 387 |
| 868 | 782 | 782 | 707 | 521 | 434 | 347 | 347 | 347 | 347 | 347 | 434 | 566 |
| 521 | 707 | 912 | 1035 | 787 | 434 | 434 | 347 | 347 | 347 | 347 | 347 | 632 |
| 1115 | 1035 | 955 | 868 | 608 | 608 | 434 | 434 | 521 | 434 | 608 | 608 | 623 |
| 565 | 521 | 707 | 521 | 608 | 521 | 521 | 521 | 608 | 521 | 477 | 707 | 575 |
| 347 | 434 | 564 | 707 | 707 | 521 | 390 | 390 | 347 | 434 | 303 | 434 | 486 |
| 955 | 1154 | 955 | 868 | 707 | 477 | 347 | 347 | 434 | 477 | 434 | 434 | 576 |
| 782 | 707 | 868 | 868 | 955 | 521 | 521 | 521 | 521 | 707 | 745 | 608 | 690 |
| 786 | 793 | 758 | 673 | 612 | 495 | 452 | 420 | 450 | 447 | 461 | 518 | 628 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1120 | 976 | 905 | 905 | 828 | 526 | 376 | 269 | 226 | 226 | 226 | 312 | 734 |
| 905 | 976 | 828 | 526 | 602 | 376 | 226 | 226 | 226 | 226 | 226 | 226 | 582 |
| 676 | 376 | 376 | 312 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 150 | 409 |
| 752 | 752 | 752 | 602 | 526 | 226 | 312 | 226 | 226 | 226 | 312 | 312 | 388 |
| 376 | 376 | 451 | 452 | 451 | 451 | 312 | 226 | 226 | 226 | 226 | 226 | 350 |
| 451 | 526 | 526 | 376 | 226 | 226 | 226 | 312 | 312 | 226 | 226 | 226 | 277 |
| 1526 | 563 | 344 | 269 | 312 | 188 | 150 | 226 | 150 | 150 | 150 | 150 | 487 |
| 639 | 414 | 269 | 269 | 312 | 226 | 226 | 226 | 150 | 150 | 150 | 150 | 307 |
| 905 | 676 | 564 | 413 | 457 | 451 | 301 | 269 | 226 | 226 | 231 | 677 | 526 |
| 752 | 602 | 639 | 752 | 714 | 312 | 226 | 226 | 150 | 301 | 312 | 344 | 687 |
| 752 | 602 | 451 | 2068 | 1320 | 1595 | 1188 | 640 | 752 | 828 | 752 | 752 | 723 |
| 752 | 714 | 752 | 676 | 676 | 526 | 312 | 226 | 312 | 226 | 226 | 226 | 507 |
| 905 | 828 | 752 | 602 | 413 | 188 | 269 | 226 | 150 | 226 | 312 | 226 | 446 |
| 828 | 828 | 752 | 564 | 451 | 150 | 269 | 188 | 312 | 226 | 226 | 226 | 442 |
| 1120 | 1052 | 828 | 526 | 376 | 226 | 226 | 226 | 226 | 150 | 150 | 150 | 481 |
| 376 | 344 | 226 | 312 | 226 | 413 | 381 | 301 | 188 | 226 | 226 | 150 | 264 |
| 226 | 226 | 312 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 241 |
| 976 | 828 | 752 | 602 | 376 | 312 | 312 | 312 | 226 | 226 | 312 | 150 | 542 |
| 376 | 828 | 828 | 602 | 269 | 226 | 312 | 312 | 226 | 226 | 269 | 376 | 459 |
| 752 | 752 | 602 | 526 | 376 | 312 | 312 | 226 | 312 | 312 | 312 | 312 | 434 |
| 526 | 451 | 312 | 226 | 269 | 312 | 312 | 312 | 226 | 226 | 226 | 269 | 391 |
| 1052 | 866 | 828 | 602 | 526 | 451 | 312 | 312 | 413 | 451 | 312 | 312 | 489 |
| 226 | 226 | 226 | 226 | 226 | 226 | 226 | 312 | 226 | 312 | 312 | 312 | 261 |
| 602 | 602 | 526 | 376 | 376 | 312 | 226 | 226 | 226 | 226 | 226 | 312 | 421 |
| 676 | 828 | 752 | 752 | 226 | 312 | 376 | 312 | 312 | 312 | 226 | 269 | 432 |
| 1052 | 828 | 752 | 602 | 344 | 226 | 226 | 312 | 312 | 312 | 376 | 451 | 474 |
| 312 | 312 | 451 | 489 | 376 | 376 | 376 | 376 | 416 | 376 | 312 | 312 | 368 |
| 312 | 376 | 526 | 526 | 376 | 312 | 344 | 312 | 269 | 376 | 226 | 312 | 308 |
| 828 | 1052 | 902 | 514 | 526 | 312 | 226 | 264 | 376 | 312 | 376 | 376 | 482 |
| 602 | 602 | 752 | 676 | 714 | 312 | 312 | 312 | 376 | 526 | 526 | 414 | 501 |
| 712 | 646 | 598 | 552 | 444 | 351 | 311 | 278 | 273 | 283 | 280 | 297 | 447 |

## IONES PESADOS POSITIVOS "N+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6295 | 6295 | 5380 | 6295 | 6295 | 6205 | 6295 | 8060 | 8060 | 6295 | 7180 | 6295 |
| 2 | 10770 | 8950 | 8060 | 8060 | 8060 | 6295 | 8060 | 9860 | 8060 | 6295 | 7180 | 8060 |
| 3 | 17050 | 13430 | 10770 | 8950 | 8060 | 8060 | 12590 | 15250 | 9860 | 11690 | 9860 | 8060 |
| 4 | 9860 | 8950 | 8950 | 10770 | 13430 | 12590 | 13430 | 17050 | 13430 | 6295 | 6295 | 6295 |
| 5 | 17050 | 17950 | 17050 | 18870 | 17050 | 18870 | 20350 | 20700 | 16130 | 8060 | 8060 | 9860 |
| 6 | 13430 | 14350 | 8950 | 13430 | 14350 | 11690 | 9860 | 11690 | 6295 | 8060 | 7180 | 7180 |
| 7 | 6295 | 7180 | 6295 | 5380 | 5380 | 4490 | 5380 | 8060 | 16130 | 9860 | 11690 | 11690 |
| 8 | 12590 | 8060 | 6295 | 5380 | 6295 | 5380 | 4490 | 5380 | 4490 | 6295 | 5380 | 5380 |
| 9 | 5380 | 5380 | 6295 | 6295 | 6295 | 6295 | 7180 | 8060 | 7180 | 8060 | 6295 | 5380 |
| 10 | 2690 | 2690 | 2690 | 1795 | 2690 | 3585 | 3585 | 2690 | 3585 | 4490 | 3585 | 5380 |
| 11 | 5380 | 4490 | 4490 | 8950 | 8060 | 6295 | 7180 | 11690 | 8950 | 5380 | 4490 | 3585 |
| 12 | 6295 | 6295 | 5380 | 6295 | 6295 | 6295 | 6295 | 6295 | 8060 | 7180 | 5380 | 5380 |
| 13 | 7180 | 8060 | 8950 | 10770 | 11690 | 8060 | 8950 | 9860 | 10770 | 8060 | 8060 | 8060 |
| 14 | 13430 | 10770 | 8060 | 9860 | 9860 | 9860 | 12590 | 9860 | 8060 | 6295 | 7180 | 6295 |
| 15 | 7180 | 6295 | 6295 | 7180 | 7180 | 8060 | 9860 | 8060 | 8950 | 6295 | 5380 | 6295 |
| 16 | 14350 | 16130 | 14350 | 15250 | 20350 | 20700 | 23360 | - | - | - | - | - |
| 17 | 20350 | 18870 | 18870 | 17050 | 7180 | 6295 | 8060 | 8950 | 8950 | 8060 | 9860 | 9860 |
| 18 | 5380 | 3585 | 6295 | 4490 | 4490 | 4490 | 5380 | 6295 | 4490 | 3585 | 6380 | 4490 |
| 19 | 10770 | 8060 | 4490 | 6295 | 5380 | 6295 | 6295 | 8060 | 7180 | 3585 | 5380 | 44 0 |
| 20 | 7180 | 7180 | 8060 | 8060 | 10770 | 10770 | 11690 | 8950 | 8060 | 6295 | 4490 | 4490 |
| 21 | - | - | - | - | - | 12590 | 14350 | 17050 | 20700 | 11690 | 12590 | 12590 |
| 22 | 8060 | 8950 | 9860 | 9860 | 11690 | 9860 | 8060 | 7180 | 5380 | 5380 | 6295 | 7180 |
| 23 | 8060 | 8950 | 6295 | 8060 | 11690 | 10770 | 9860 | 9860 | 8950 | 10770 | 12590 | 15250 |
| 24 | 24200 | 23360 | 27800 | 26900 | 16130 | 26000 | 29600 | 29600 | 8950 | 7180 | 8950 | 8060 |
| 25 | 9860 | 11690 | 9860 | 8060 | 8950 | 8060 | 12590 | 25150 | 10770 | 8950 | 8060 | 9860 |
| 26 | 29600 | 25150 | 32300 | 36790 | 35900 | 30580 | 28730 | 15250 | 9860 | 8060 | 8060 | 6295 |
| 27 | 7180 | 7180 | 8060 | 15250 | 16130 | 13430 | 13430 | 16130 | 11690 | 7180 | 6295 | 8060 |
| 28 | 8060 | 9860 | 8060 | 8950 | 8060 | 10770 | 9860 | 12590 | 10770 | 16130 | 16130 | 16130 |
| 29 | 21520 | 26000 | 28730 | 21520 | 20700 | 22400 | 13430 | 9860 | 11690 | 9860 | 12590 | 11690 |
| 30 | 10770 | 7180 | 5380 | 6295 | 8950 | 8060 | 10770 | 6295 | 5380 | 4490 | 3585 | 2690 |
| 31 | | | | | | | | | | | | |
| Promedio | 11248 | 10734 | 10425 | 11073 | 10943 | 10773 | 11385 | 11509 | 9338 | 7580 | 7705 | 7735 |

## IONES PESADOS NEGATIVOS "N−" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8060 | 8060 | 7180 | 8060 | 8060 | 8060 | 8060 | 8950 | 8060 | 8060 | 8060 | 8060 |
| 2 | 10770 | 9860 | 8950 | 8950 | 8950 | 8060 | 12590 | 9860 | 8060 | 8060 | 8950 | 10770 |
| 3 | 16130 | 13430 | 10770 | 10770 | 8950 | 12590 | 16130 | 12590 | 10770 | 11690 | 10770 | 8060 |
| 4 | 11690 | 10770 | 10770 | 11690 | 12590 | 14350 | 15250 | 16130 | 13430 | 8060 | 7180 | 7180 |
| 5 | 18870 | 16130 | 20700 | 21520 | 20350 | 22400 | 24200 | 21520 | 13430 | 8060 | 11690 | 8060 |
| 6 | 13430 | 14350 | 15250 | 14350 | 10770 | 10770 | 17050 | 11690 | 9860 | 7180 | 6295 | 6295 |
| 7 | 7180 | 6295 | 8950 | 8060 | 6295 | 6295 | 7180 | 11690 | 14350 | 12590 | 13430 | 9860 |
| 8 | 11690 | 8060 | 6295 | 6295 | 6295 | 6295 | 6295 | 6295 | 5380 | 8060 | 6295 | 6295 |
| 9 | 6295 | 5380 | 7180 | 6295 | 6295 | 8060 | 8060 | 8060 | 8060 | 8950 | 7180 | 8060 |
| 10 | 3585 | 2690 | 1795 | 1795 | 1795 | 3585 | 2690 | 2690 | 8060 | 2690 | 4490 | 5380 |
| 11 | 2690 | 2690 | 3585 | 5380 | 4490 | 5380 | 7180 | 9860 | 3585 | 3585 | 3585 | 2690 |
| 12 | 6295 | 4490 | 6295 | 5380 | 5380 | 6295 | 6295 | 6295 | 6295 | 6295 | 5380 | 7180 |
| 13 | 8950 | 9860 | 9860 | 10770 | 9860 | 8950 | 9860 | 10770 | 9860 | 8950 | 9860 | 8950 |
| 14 | 13430 | 10770 | 9860 | 12590 | 11690 | 12590 | 14350 | 12590 | 9860 | 8950 | 7180 | 8060 |
| 15 | 8060 | 7180 | 7180 | 8060 | 9860 | 9860 | 9860 | 9860 | 8950 | 7180 | 7180 | 7180 |
| 16 | 16130 | 16130 | 15250 | 17050 | 20700 | 26000 | - | - | - | - | - | - |
| 17 | 18870 | 17950 | 17950 | 10770 | 6295 | 7180 | 8950 | 7180 | 8060 | 8060 | 10770 | 8950 |
| 18 | 5380 | 5380 | 3585 | 4490 | 4490 | 4490 | 5380 | 4490 | 4490 | 3585 | 5380 | 4490 |
| 19 | 11690 | 2690 | 6295 | 5380 | 6295 | 7180 | 7180 | 7180 | 7180 | 5380 | 4490 | 5380 |
| 20 | 6295 | 7180 | 7180 | 8060 | 12590 | 11690 | 8950 | 6295 | 7180 | 5380 | 3585 | 2690 |
| 21 | - | - | - | - | - | 12590 | 16130 | 17950 | 18870 | 11690 | 11690 | 13430 |
| 22 | 9860 | 13430 | 8060 | 11690 | 9860 | 8950 | 8060 | 7180 | 5380 | 5380 | 9860 | 8060 |
| 23 | 8060 | 8060 | 7180 | 9860 | 15250 | 10770 | 13430 | 9860 | 11690 | 11690 | 14350 | 17050 |
| 24 | 26900 | 29600 | 32300 | 30580 | 17950 | 26900 | 31460 | 23360 | 8950 | 8060 | 8060 | 8950 |
| 25 | 13430 | 11690 | 11690 | 8950 | 10770 | 11690 | 14350 | 16130 | 11690 | 9860 | 8950 | 11690 |
| 26 | 28730 | 41200 | 39420 | 40400 | 26900 | 33190 | 17050 | 12590 | 11690 | 9860 | 8060 | 8060 |
| 27 | 8060 | 7180 | 12590 | 13430 | 17050 | 20700 | 13430 | 11690 | 10770 | 7180 | 8060 | 8060 |
| 28 | 10770 | 11690 | 8950 | 9860 | 10770 | 11690 | 11690 | 14350 | 14350 | 17050 | 15250 | 18870 |
| 29 | 27800 | 27800 | 32300 | 20700 | 22400 | 24200 | 10770 | 11690 | 13430 | 11690 | 13430 | 12590 |
| 30 | 8950 | 8060 | 8060 | 8060 | 9860 | 8060 | 8060 | 7180 | 4490 | 6295 | 2690 | 1795 |
| 31 | | | | | | | | | | | | |
| Promedio | 12002 | 11657 | 11911 | 11698 | 11131 | 12294 | 11722 | 10896 | 9525 | 8259 | 8350 | 8349 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7180 | 6295 | 7180 | 6295 | 6295 | 7180 | 8060 | 11690 | 9860 | 12590 | 111690 | 10770 | 7672 |
| 8950 | 7180 | 8060 | 8060 | 9860 | 10770 | 11690 | 17050 | 22400 | 17050 | 12590 | 14350 | 10238 |
| 6295 | 6295 | 6295 | 6295 | 8950 | 8950 | 15250 | 18870 | 13430 | 18870 | 11690 | 10770 | 11066 |
| 6295 | 5380 | 5380 | 6295 | 6295 | 8950 | 16130 | 23360 | 17050 | 20350 | 22400 | 18870 | 11837 |
| 9860 | 7180 | 6295 | 8950 | 6295 | 4490 | 9860 | 11690 | 15250 | 11690 | 14350 | 12590 | 12854 |
| 6295 | 6295 | 6295 | 5380 | 6295 | 10770 | 9860 | 17050 | 17050 | 16130 | 13430 | 10770 | 10504 |
| 8950 | 13430 | 15250 | 17050 | 15250 | 16130 | 11690 | 10770 | 10770 | 13430 | 15250 | 16130 | 10914 |
| 6295 | 8060 | 12590 | 14350 | 13430 | 13430 | 14350 | 15250 | 14350 | 12590 | 12590 | 16130 | 9535 |
| 6295 | 7180 | 8950 | 9860 | 16130 | 16130 | 26000 | 20700 | 20700 | 22400 | 10770 | 3585 | 10283 |
| 7180 | 7180 | 8060 | 6295 | 6295 | 8060 | 18870 | 12590 | 13430 | 9860 | 8060 | 6295 | 6318 |
| 4490 | 6295 | 9860 | 5380 | 6295 | 4490 | 4490 | 5380 | 6295 | 4490 | 5380 | 6295 | 6170 |
| 6295 | 6295 | 6295 | 6295 | 7180 | 6295 | 7180 | 8950 | 7180 | 7180 | 7180 | 7180 | 6623 |
| 8060 | 8060 | 8950 | 8950 | 8950 | 8950 | 16130 | 16130 | 15250 | 13430 | 14350 | 12590 | 10345 |
| 6295 | 5380 | 5380 | 6295 | 7180 | 10770 | 16130 | 27800 | 29600 | 18870 | 21520 | 9860 | 11550 |
| 5380 | 5380 | 4490 | 8950 | 10770 | 15250 | 18870 | 22400 | 23360 | 18870 | 12590 | 11690 | 10209 |
| 2690 | 4490 | 11690 | 12590 | 14350 | 15250 | 14350 | 10770 | 14350 | 15250 | 16130 | 17950 | 14438 |
| 10770 | 14350 | 10770 | 11690 | 12590 | 13430 | 11690 | 11690 | 10770 | 10770 | 12590 | 17050 | 12105 |
| 4490 | 3585 | 3585 | 4490 | 9860 | 13430 | 18870 | 17050 | 16130 | 12590 | 11690 | 11690 | 7742 |
| 5380 | 2690 | 2690 | 3585 | 7180 | 9860 | 18870 | 22400 | 9860 | 8060 | 4490 | 5380 | 7364 |
| 4490 | 4490 | 5380 | 6295 | 8950 | 9860 | 11690 | 11690 | - | - | - | - | 7942 |
| 15250 | 15250 | 12590 | 13430 | 18870 | 14350 | 18870 | 22400 | 18870 | 17950 | 11690 | 9860 | 15313 |
| 6295 | 8060 | 9860 | 8060 | 8950 | 9860 | 9860 | 8060 | 8060 | 6295 | 6295 | 7180 | 8108 |
| 17050 | 17950 | 20350 | 17050 | 15250 | 18870 | 24200 | 26900 | 22400 | 24200 | 24200 | 22400 | 15497 |
| 6295 | 5380 | 5380 | 7180 | 11690 | 16130 | 17050 | 20350 | 17050 | 15250 | 12590 | 10770 | 15910 |
| 11690 | 8950 | 5380 | 6295 | 8060 | 9860 | 29600 | 26000 | 26900 | 23360 | 24200 | 22400 | 13939 |
| 5380 | 4490 | 5380 | 6295 | 7180 | 9860 | 21520 | 14350 | 8060 | 10770 | 7180 | 6295 | 15555 |
| 6295 | 7180 | 6295 | 8060 | 8950 | 9860 | 8060 | 8060 | 8060 | 7180 | 8950 | 7180 | 9339 |
| 18870 | 17050 | 16130 | 12590 | 13430 | 17050 | 25150 | 24200 | 26000 | 22400 | 21520 | 22400 | 15506 |
| 12590 | 9860 | 11690 | 10770 | 10770 | 14350 | 20350 | 22400 | 12590 | 10770 | 11690 | 11690 | 15396 |
| 3585 | 3585 | 2690 | 4490 | 3585 | 7180 | 8060 | 10770 | 9860 | 7180 | 6295 | 8950 | 6503 |
| 7841 | 7775 | 8306 | 8585 | 9838 | 11327 | 15425 | 16559 | 15342 | 14131 | 18874 | 12037 | 10854 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8950 | 8060 | 8060 | 8060 | 8060 | 8950 | 11690 | 12590 | 11690 | 14350 | 12590 | 11690 | 9228 |
| 8060 | 8060 | 8060 | 12590 | 8950 | 11690 | 16130 | 21520 | 18870 | 17050 | 13430 | 15250 | 11395 |
| 8060 | 7180 | 8060 | 8060 | 9860 | 11690 | 18870 | 20700 | 15250 | 14350 | 13430 | 11690 | 12077 |
| 8060 | 6295 | 6295 | 8060 | 7180 | 13430 | 20350 | 17050 | 20350 | 16130 | 22400 | 18870 | 12648 |
| 8950 | 8060 | 7180 | 8060 | 7180 | 7180 | 10770 | 14350 | 15250 | 13430 | 14350 | 11690 | 13891 |
| 6295 | 7180 | 8950 | 6295 | 6295 | 17050 | 13430 | 17050 | 18870 | 16130 | 13430 | 9860 | 11588 |
| 10770 | 12590 | 15250 | 15250 | 18870 | 15250 | 13430 | 11690 | 11690 | 13430 | 17950 | 16130 | 11853 |
| 10770 | 11690 | 14350 | 14350 | 14350 | 14350 | 15250 | 16130 | 14350 | 12590 | 15250 | 17950 | 10622 |
| 6295 | 8060 | 11690 | 12590 | 17050 | 18870 | 24200 | 21520 | 20700 | 24200 | 6295 | 4490 | 10993 |
| 5380 | 7180 | 6295 | 5380 | 6295 | 13430 | 15250 | 9860 | 11690 | 6295 | 7180 | 5380 | 5869 |
| 2690 | 5380 | 6295 | 4490 | 6295 | 3585 | 3585 | 5380 | 3585 | 2690 | 5380 | 4490 | 4523 |
| 8060 | 6295 | 6295 | 7180 | 7180 | 7180 | 8060 | 9860 | 8060 | 8060 | 8060 | 8060 | 6843 |
| 8950 | 8950 | 9860 | 10770 | 9860 | 16130 | 20700 | 17050 | 17050 | 14350 | 17050 | 15250 | 11769 |
| 7180 | 7180 | 6295 | 7180 | 9860 | 13430 | 20700 | 20350 | 25150 | 20350 | 15250 | 9860 | 12279 |
| 5380 | 6295 | 5380 | 10770 | 13430 | 17050 | 20700 | 24200 | 24200 | 17050 | 13430 | 20350 | 11610 |
| 3585 | 7180 | 10770 | 13430 | 16130 | 8060 | 8060 | 13430 | 15250 | 16130 | 18870 | 17950 | 14450 |
| 12590 | 11690 | 10770 | 10770 | 11690 | 10770 | 11690 | 11690 | 10770 | 11690 | 12590 | 15250 | 11373 |
| 4490 | 3585 | 3585 | 1795 | 11690 | 15250 | 17050 | 15250 | 16130 | 3585 | 9860 | 14350 | 7177 |
| 4490 | 1795 | 2690 | 3585 | 12590 | 11690 | 21520 | 9860 | 7180 | 5380 | 4490 | 7180 | 7032 |
| 4490 | 8060 | 2690 | 6295 | 8060 | 9860 | 9860 | 9860 | - | - | - | - | 7313 |
| 14350 | 16130 | 12590 | 14350 | 13430 | 17050 | 22400 | 23360 | 20700 | 14350 | 9860 | 9860 | 15304 |
| 8060 | 8060 | 9860 | 8060 | 8950 | 11690 | 9860 | 8950 | 8060 | 7180 | 7180 | 7180 | 8703 |
| 17950 | 18870 | 20350 | 17050 | 17050 | 18870 | 25150 | 28730 | 20700 | 25150 | 24200 | 24200 | 16480 |
| 8060 | 8060 | 8060 | 11690 | 16130 | 18870 | 17050 | 20700 | 20350 | 13430 | 13430 | 11690 | 17525 |
| 13430 | 8060 | 8060 | 8060 | 11690 | 18870 | 32300 | 26000 | 34080 | 26000 | 27800 | 26900 | 15922 |
| 6295 | 7180 | 7180 | 8060 | 10770 | 15250 | 21520 | 15250 | 11690 | 11690 | 8060 | 8060 | 17006 |
| 15250 | 8950 | 17050 | 18870 | 9860 | 8950 | 8950 | 9860 | 8060 | 8950 | 8060 | 11690 | 11343 |
| 18870 | 17050 | 14350 | 14350 | 15250 | 24200 | 20700 | 22400 | 26000 | 22400 | 21520 | 24200 | 16524 |
| 12590 | 10770 | 11690 | 10770 | 10770 | 17950 | 20700 | 20700 | 14350 | 13430 | 13430 | 11690 | 16568 |
| 5380 | 1795 | 4490 | 5380 | 4490 | 10770 | 8950 | 8060 | 10770 | 6295 | 6295 | 8060 | 6762 |
| 8791 | 8523 | 9083 | 9720 | 10975 | 13578 | 16296 | 16113 | 15891 | 13660 | 13142 | 13078 | 11527 |

## COMPONENTE NORTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 34.3 | 30.9 | 43.0 | 37.8 | 34.3 | 32.7 | 24.0 | 25.8 | 24.0 | 30.9 | 44.7 | 43.0 | 43.0 |
| 2 | 34.3 | 43.0 | 32.7 | 41.2 | 34.3 | 36.0 | 29.2 | 24.0 | 20.6 | 32.7 | 37.8 | 43.0 | 49.8 |
| 3 | 30.9 | 39.5 | 39.5 | 36.0 | 36.0 | 34.3 | 27.4 | 25.8 | 25.8 | 32.7 | 37.8 | 46.3 | 41.2 |
| 4 | 27.4 | 30.9 | 37.8 | 36.0 | 37.8 | 39.5 | 32.7 | 24.0 | 32.7 | 30.9 | 29.2 | 41.2 | 37.8 |
| 5 | 36.0 | 36.0 | 49.8 | 41.2 | 36.0 | 34.3 | 29.2 | 29.2 | 27.4 | 29.2 | 36.0 | 43.0 | 43.0 |
| 6 | 34.3 | 36.0 | 34.3 | 32.7 | 32.7 | 37.8 | 36.0 | 25.8 | 29.2 | 34.3 | 43.0 | 44.7 | 39.5 |
| 7 | 34.3 | 32.7 | 48.9 | 58.0 | 58.0 | 44.7 | 46.3 | 48.1 | 44.7 | 53.2 | 56.4 | 62.6 | 62.6 |
| 8 | 34.3 | 32.7 | 32.7 | 34.3 | 36.0 | 36.0 | 32.7 | 29.2 | 25.8 | 30.9 | 43.0 | 46.3 | 43.0 |
| 9 | 32.7 | 34.3 | 37.8 | 36.0 | 34.3 | 32.7 | 32.7 | 27.4 | 25.8 | 25.8 | 39.5 | 44.7 | 44.7 |
| 10 | 34.3 | 37.8 | 34.3 | 36.0 | 32.7 | 32.7 | 25.8 | 27.4 | 24.0 | 25.8 | 43.0 | 43.0 | 41.2 |
| 11 | 37.8 | 32.7 | 32.7 | 34.3 | 37.8 | 32.7 | 29.2 | 29.2 | 24.0 | 29.2 | 43.0 | 46.3 | 44.7 |
| 12 | - | - | - | - | - | - | - | - | - | 36.0 | 43.0 | 43.0 | 41.2 |
| 13 | 32.7 | 29.2 | 30.6 | 29.2 | 34.3 | 34.3 | 32.7 | 25.8 | 29.2 | 30.9 | 39.5 | 39.5 | 43.0 |
| 14 | 30.9 | 34.3 | 39.5 | 36.0 | 30.9 | 34.3 | 34.3 | 32.7 | 24.0 | 37.8 | 29.2 | - | - |
| 15 | 39.5 | 37.8 | 36.0 | 41.2 | 34.3 | 36.0 | 30.9 | 25.8 | 22.3 | 32.7 | 37.8 | 41.2 | 36.0 |
| 16 | 39.5 | 36.0 | 44.7 | 39.5 | 41.2 | 44.7 | 37.8 | 32.7 | 22.3 | - | 41.2 | 44.7 | 36.0 |
| 17 | - | - | - | - | - | - | - | - | 36.0 | 36.0 | 44.7 | 34.3 | 32.7 |
| 18 | 43.0 | 41.2 | 36.0 | 32.7 | 36.0 | 32.7 | 32.7 | 22.3 | 15.4 | 24.0 | 29.2 | 32.7 | 36.0 |
| 19 | 37.8 | 39.5 | 44.7 | 36.0 | 39.5 | 36.0 | 36.0 | 30.9 | 18.9 | 30.9 | 43.0 | 39.5 | 41.2 |
| 20 | 30.9 | 34.3 | 36.0 | 37.8 | 41.2 | 37.8 | 37.8 | 36.0 | 41.2 | 39.5 | 44.7 | 46.3 | 39.5 |
| 21 | 30.9 | 32.7 | 34.3 | 37.8 | 39.5 | 34.3 | 32.7 | 30.9 | 24.0 | 30.9 | 46.3 | 41.2 | 34.3 |
| 22 | 36.0 | 34.3 | 36.0 | 39.5 | 37.8 | 39.5 | 34.3 | 36.0 | 30.9 | 32.7 | 41.2 | 44.7 | 44.7 |
| 23 | 32.7 | 36.0 | 34.3 | 39.5 | 43.0 | 39.5 | 36.0 | 29.2 | 22.3 | 27.4 | 36.0 | 32.7 | 29.2 |
| 24 | 36.0 | 32.7 | 41.2 | 43.0 | 41.2 | 41.2 | 37.8 | 36.0 | 25.8 | 27.4 | 30.9 | 41.2 | 36.0 |
| 25 | 32.7 | 34.3 | 32.7 | 34.3 | 36.0 | 34.3 | 30.9 | 32.7 | 25.8 | 32.7 | 37.8 | 44.7 | 43.0 |
| 26 | 32.7 | 34.3 | 32.7 | 34.3 | 36.0 | 39.5 | 32.7 | 29.2 | 22.3 | 30.9 | 39.5 | 48.0 | 22.3 |
| 27 | 32.7 | 30.9 | 29.2 | 32.7 | 34.3 | 32.7 | 30.9 | 25.8 | 27.4 | 29.2 | 32.7 | 41.2 | 39.5 |
| 28 | 34.3 | 37.8 | 34.3 | 34.3 | 39.5 | 36.0 | 32.7 | 32.7 | 20.6 | 18.9 | 30.9 | 34.3 | 24.0 |
| 29 | 30.9 | 29.2 | 44.7 | 34.3 | 34.3 | 30.9 | 25.8 | 22.3 | 17.2 | 25.8 | 32.7 | 36.0 | 29.2 |
| 30 | 27.4 | 24.0 | 20.6 | 24.0 | 30.9 | 32.7 | 24.0 | 22.3 | 20.6 | 29.2 | 36.0 | 34.3 | 27.4 |
| 31 | | | | | | | | | | | | | |
| Prom | 34.0 | 34.5 | 36.8 | 36.8 | 37.1 | 36.1 | 32.3 | 29.2 | 25.9 | 31.3 | 39.0 | 42.2 | 38.8 |
| Var. | 0.7 | 1.2 | 3.5 | 3.5 | 3.8 | 2.8 | - 1.0 | - 4.1 | - 7.4 | - 2.0 | 5.7 | 8.9 | 5.5 |

## COMPONENTE ESTE en MV/Km.

| DIAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -27.9 | -27.9 | -26.6 | -24.0 | -29.3 | -27.9 | -26.6 | -26.6 | -38.6 | -41.2 | -38.6 | -30.6 | -30.6 |
| 2 | -27.9 | -26.6 | -25.3 | -27.9 | -29.3 | -31.9 | -29.3 | -34.6 | -35.9 | -35.9 | -30.6 | -30.6 | -31.9 |
| 3 | -24.0 | -24.0 | -24.0 | -26.6 | -29.3 | -27.9 | -29.3 | -34.6 | -38.6 | -38.6 | -34.6 | -31.9 | -31.9 |
| 4 | -21.3 | -22.6 | -25.3 | -26.6 | -27.9 | -27.9 | -27.9 | -26.6 | -30.6 | -31.9 | -29.3 | -31.9 | -29.3 |
| 5 | -22.6 | -20.0 | -22.6 | -24.0 | -26.6 | -29.3 | -24.0 | -20.0 | -38.6 | -30.6 | -29.3 | -29.3 | -29.3 |
| 6 | -26.6 | -21.3 | -22.6 | -26.6 | -24.0 | -31.9 | -26.6 | -22.6 | -25.3 | -29.3 | -29.3 | -27.9 | -27.9 |
| 7 | -22.6 | -21.3 | -18.6 | -22.6 | -26.6 | -26.6 | -26.6 | -29.3 | -37.2 | -33.2 | -29.3 | -27.9 | -29.3 |
| 8 | -30.6 | -27.9 | -27.9 | -27.9 | -30.6 | -31.9 | -38.6 | -41.2 | -53.2 | -68.4 | -51.7 | -30.6 | -29.3 |
| 9 | -27.9 | -25.3 | -24.0 | -27.9 | -30.6 | -30.6 | -30.6 | -29.3 | -38.6 | -41.1 | -38.6 | -30.6 | -30.6 |
| 10 | -26.6 | -24.0 | -24.0 | -25.3 | -29.3 | -29.3 | -29.3 | -29.3 | -27.8 | -44.1 | -38.6 | -29.3 | -29.3 |
| 11 | -26.6 | -22.6 | -22.6 | -25.3 | -27.9 | -26.6 | -26.6 | -26.6 | -37.2 | -35.9 | -30.6 | -30.6 | -30.6 |
| 12 | -30.6 | -27.9 | -26.6 | -26.6 | -26.6 | -26.6 | -26.6 | -25.3 | -34.6 | -33.2 | -33.2 | -31.9 | -31.9 |
| 13 | -22.6 | -22.6 | -22.6 | -29.3 | -25.3 | -26.6 | -29.3 | -26.6 | -29.3 | -30.6 | -31.9 | -29.3 | -31.9 |
| 14 | -25.3 | -25.3 | -24.0 | -27.9 | -30.6 | -31.9 | -27.9 | -26.6 | -37.2 | -35.9 | -31.9 | -26.6 | -26.6 |
| 15 | -24.0 | -24.0 | -22.6 | -24.0 | -25.3 | -27.9 | -26.6 | -29.3 | -37.2 | -33.2 | -25.3 | -27.9 | -27.9 |
| 16 | -22.6 | -21.3 | -21.3 | -24.0 | -27.9 | -27.9 | -27.9 | -26.6 | -35.9 | -35.9 | -38.6 | -45.6 | -26.6 |
| 17 | - | - | - | - | - | - | - | - | -38.6 | -33.2 | -33.2 | -22.6 | -25.3 |
| 18 | -18.6 | -18.6 | -18.6 | -20.0 | -20.0 | -21.3 | -21.3 | -24.0 | -33.2 | -25.3 | -25.3 | -18.6 | -20.0 |
| 19 | -21.3 | -24.0 | -21.3 | -22.6 | -24.0 | -24.0 | -22.6 | -26.6 | -33.2 | -26.6 | -31.9 | -22.6 | -26.6 |
| 20 | -21.3 | -20.0 | -17.3 | -18.6 | -20.0 | -21.3 | -22.6 | -18.6 | -21.3 | -21.3 | -24.0 | -25.3 | -24.0 |
| 21 | -18.6 | -20.0 | -20.0 | -22.6 | -24.0 | -25.3 | -22.6 | -27.9 | -33.2 | -42.6 | -39.9 | -29.3 | -26.6 |
| 22 | -27.9 | -21.3 | -18.6 | -27.9 | -26.6 | -33.2 | -26.6 | -33.2 | -35.9 | -33.2 | -47.1 | -34.6 | -27.9 |
| 23 | -26.6 | -25.3 | -21.3 | -26.6 | -30.6 | -31.9 | -20.0 | -33.2 | -35.9 | -30.6 | -27.9 | -21.3 | -20.0 |
| 24 | -24.0 | -21.3 | -20.0 | -22.6 | -22.6 | -20.0 | -18.6 | -24.0 | -25.3 | -22.6 | -20.0 | -21.3 | -20.0 |
| 25 | -21.3 | -21.3 | -18.6 | -21.3 | - | - | - | - | - | -26.6 | -24.0 | -25.3 | -22.6 |
| 26 | -22.6 | -20.0 | -20.0 | -22.6 | -22.6 | -20.0 | -22.6 | -20.0 | -30.6 | -26.6 | -27.9 | -27.9 | -21.3 |
| 27 | -21.3 | -18.6 | -20.0 | -21.3 | -21.3 | -21.3 | -21.3 | -26.6 | -22.6 | -22.6 | -24.0 | -24.0 | -21.3 |
| 28 | -22.6 | -21.3 | -21.3 | -25.3 | -26.6 | -25.3 | -20.0 | -25.3 | -30.6 | -29.3 | -21.3 | -22.6 | -18.6 |
| 29 | -22.6 | -18.6 | -21.3 | -22.6 | -25.3 | -22.6 | -13.3 | -20.0 | -22.6 | -20.0 | -20.0 | -21.3 | -18.6 |
| 30 | -21.3 | -18.6 | -21.3 | -24.0 | -22.6 | -24.0 | -20.0 | -21.3 | -25.3 | -24.0 | -26.6 | -21.3 | -20.0 |
| 31 | | | | | | | | | | | | | |
| Prom | -24.1 | -22.5 | -22.1 | -24.6 | -26.2 | -26.9 | -25.2 | -27.0 | -33.2 | -32.8 | -31.1 | -27.7 | -26.2 |
| Var. | 2.3 | 3.9 | 4.3 | 1.8 | 0.2 | - 0.5 | 1.2 | - 0.6 | - 6.8 | - 6.4 | - 4.7 | - 1.3 | 0.2 |

## LINEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.7 | 36.0 | 29.2 | 29.2 | 32.7 | 32.7 | 37.8 | 39.5 | 36.0 | 37.8 | 36.0 | 34.5 | 0 |
| 44.7 | 37.8 | 32.7 | 30.9 | 30.9 | 27.4 | 29.2 | 30.9 | 36.0 | 32.7 | 30.9 | 34.3 | 1 |
| 39.5 | 32.7 | 30.9 | 22.3 | 25.8 | 34.3 | 30.9 | 32.7 | 37.8 | 32.7 | 29.2 | 33.4 | 0 |
| 36.0 | 30.9 | 22.3 | 24.0 | 29.2 | 36.0 | 27.4 | 24.0 | 27.4 | 39.5 | 32.7 | 32.0 | 1 |
| 37.8 | 32.7 | 30.9 | 27.4 | 32.7 | 30.9 | 25.8 | 25.8 | 30.9 | 34.3 | 34.3 | 33.9 | 0 |
| 30.9 | 25.8 | 20.6 | 24.0 | 30.9 | 29.2 | 32.7 | 32.7 | 32.7 | 32.7 | 30.9 | 32.6 | 0 |
| 59.5 | 49.8 | 39.5 | 39.5 | 36.0 | 32.7 | 25.8 | 30.9 | 34.3 | 32.7 | 32.7 | 44.3 | 1 |
| 32.7 | 30.9 | 32.7 | 27.4 | 29.2 | 36.0 | 34.3 | 32.7 | 30.9 | 30.9 | 29.2 | 33.5 | 0 |
| 37.8 | 34.3 | 25.8 | 29.2 | 36.0 | 29.2 | 32.7 | 29.2 | 34.3 | 36.0 | 32.7 | 33.6 | 0 |
| 36.0 | 32.7 | 36.0 | 34.3 | 32.7 | 36.0 | 29.2 | 39.5 | 30.9 | 32.7 | 36.0 | 33.9 | 0 |
| 43.0 | 32.7 | - | - | - | - | - | - | - | - | - | 35.3 | 0 |
| 37.8 | 39.5 | 34.3 | 34.3 | 34.3 | 27.4 | 32.7 | 30.9 | 32.7 | 30.9 | 32.7 | 35.4 | 0 |
| 30.9 | 30.9 | 29.2 | 29.2 | 37.8 | 34.3 | 29.2 | 29.2 | 27.4 | 32.7 | 32.7 | 32.3 | 0 |
| - | - | - | - | - | 29.2 | 29.2 | 24.0 | 37.8 | 30.9 | 39.5 | 32.6 | 1 |
| 39.5 | 29.2 | 24.0 | 30.9 | 36.0 | 32.7 | 24.0 | 32.7 | 32.7 | 32.7 | 32.7 | 33.3 | 0 |
| 30.9 | 32.7 | 29.2 | 29.2 | 29.2 | 32.7 | 27.4 | - | - | - | - | 35.3 | 1 |
| 36.0 | 25.8 | 29.2 | 24.0 | 25.8 | 22.3 | 29.2 | 29.2 | 36.0 | 30.9 | 30.9 | 31.4 | 1 |
| 24.0 | 30.9 | 29.2 | 29.2 | 24.0 | 34.3 | 37.8 | 36.0 | 39.5 | 36.0 | 36.0 | 32.1 | 1 |
| 32.7 | 39.5 | 36.0 | 25.8 | 32.7 | 34.3 | 36.0 | 32.7 | 27.4 | 36.0 | 41.2 | 35.3 | 1 |
| 34.3 | 27.4 | 32.7 | 34.3 | 34.3 | 36.0 | 37.8 | 34.3 | 29.2 | 34.3 | 34.3 | 36.3 | 1 |
| 34.3 | 24.0 | 25.8 | 36.0 | 30.9 | 29.2 | 34.3 | 32.7 | 37.8 | 39.5 | 34.3 | 33.7 | 1 |
| 36.0 | 32.7 | 30.9 | 36.0 | 36.0 | 36.0 | 37.8 | 37.8 | 34.3 | 36.0 | 36.0 | 36.5 | 0 |
| 22.3 | 25.8 | 30.9 | 27.4 | 32.7 | 30.9 | 27.4 | 34.3 | 29.2 | 27.4 | 27.4 | 31.4 | 1 |
| 30.9 | 30.9 | 25.8 | 29.2 | 32.7 | 32.7 | 34.3 | 34.3 | 29.2 | 24.0 | 32.7 | 33.6 | 0 |
| 32.7 | 24.0 | 25.8 | 29.2 | 30.9 | 30.9 | 30.9 | 32.7 | 32.7 | 34.3 | 32.7 | 32.9 | 0 |
| 43.0 | 25.8 | 34.3 | 32.7 | 34.3 | 29.2 | 29.2 | 30.9 | 29.2 | 32.7 | 34.3 | 32.9 | 1 |
| 32.7 | 24.0 | 24.0 | 18.9 | 29.2 | 25.8 | 25.8 | 25.8 | 24.0 | 32.7 | 34.3 | 29.8 | 0 |
| 30.9 | 20.6 | 18.9 | 25.8 | 27.4 | 25.8 | 20.6 | 24.0 | 29.2 | 25.8 | 32.7 | 28.8 | 1 |
| 25.8 | 29.2 | 30.9 | 25.8 | 30.9 | 27.4 | 25.8 | 24.0 | 22.3 | 36.0 | 34.3 | 29.4 | 1 |
| 25.8 | 18.9 | 18.9 | 30.9 | 29.2 | 24.0 | 25.8 | 25.8 | 29.2 | 27.4 | 32.7 | 26.8 | 1 |
| 34.9 | 30.6 | 28.9 | 29.2 | 31.6 | 31.0 | 30.4 | 31.0 | 31.8 | 32.9 | 33.4 | 33.3 | |
| 1.6 | - 2.7 | - 4.4 | - 4.1 | - 1.7 | - 2.3 | - 2.9 | - 2.3 | - 1.5 | - 0.4 | 0.1 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -33.2 | -27.9 | -30.6 | -30.6 | -35.9 | -33.2 | -31.9 | -26.6 | -27.9 | -27.9 | -25.3 | -30.3 | 0 |
| -29.3 | -30.6 | -35.9 | -33.2 | -31.9 | -31.9 | -29.3 | -29.3 | -29.3 | -27.9 | -24.0 | -30.4 | 0 |
| -31.9 | -26.6 | -25.3 | -26.6 | -31.9 | -33.2 | -26.6 | -26.6 | -26.6 | -24.0 | -24.0 | -29.1 | 0 |
| -27.9 | -24.0 | -24.0 | -26.6 | -27.9 | -27.9 | -24.0 | -26.6 | -26.6 | -25.3 | -24.0 | -26.8 | 0 |
| -29.3 | -41.2 | -29.3 | -24.0 | -25.3 | -25.3 | -25.3 | -24.0 | -26.6 | -24.0 | -24.0 | -26.8 | 0 |
| -26.6 | -21.3 | -22.6 | -29.3 | -34.6 | -27.9 | -27.9 | -25.3 | -25.3 | -22.6 | -21.3 | -26.1 | 0 |
| -29.3 | -24.0 | -22.6 | -31.9 | -32.7 | -30.6 | -30.6 | -30.6 | -29.3 | -33.2 | -26.6 | -28.0 | 0 |
| -31.9 | -29.3 | -27.9 | -33.2 | -31.9 | -38.6 | -35.9 | -29.3 | -30.6 | -29.3 | -29.3 | -34.9 | 2 |
| -34.6 | -26.6 | -29.3 | -34.6 | -35.9 | -34.6 | -35.9 | -34.6 | -30.6 | -29.3 | -22.6 | -31.4 | 0 |
| -27.9 | -26.6 | -33.2 | -34.6 | -37.2 | -37.2 | -26.6 | -27.9 | -27.9 | -25.3 | -22.6 | -29.7 | 0 |
| -27.9 | -25.3 | -27.9 | -30.6 | -35.9 | -27.9 | -35.9 | -30.6 | -29.3 | -33.2 | -33.2 | -29.5 | 0 |
| -30.6 | -30.6 | -29.3 | -31.9 | -37.2 | -34.6 | -34.6 | -29.3 | -27.9 | -24.0 | -24.0 | -29.8 | 0 |
| -30.6 | -26.6 | -31.9 | -27.9 | -30.6 | -33.2 | -33.2 | -34.6 | -25.3 | -27.9 | -27.9 | -28.6 | 0 |
| -24.0 | -22.6 | -24.0 | -27.9 | -33.2 | -24.0 | -22.6 | -22.6 | -25.3 | -24.0 | -24.0 | -27.2 | 1 |
| -27.9 | -25.3 | -25.3 | -25.3 | -35.9 | -26.6 | -22.6 | -22.6 | -24.0 | -22.6 | -24.0 | -26.6 | 0 |
| -26.6 | -27.9 | -29.3 | -31.9 | -34.6 | -27.9 | -26.6 | - | - | - | - | -29.3 | 2 |
| -25.3 | -22.6 | -26.6 | -27.9 | -30.6 | -29.3 | -21.3 | -20.0 | -21.3 | -18.6 | -20.0 | -26.0 | 1 |
| -20.0 | -22.6 | -29.3 | -26.6 | -30.6 | -27.9 | -22.6 | -21.3 | -24.0 | -21.3 | -22.6 | -23.1 | 0 |
| -24.0 | -29.3 | -26.6 | -27.9 | -30.6 | -27.9 | -25.3 | -24.0 | -24.0 | -24.0 | -22.6 | -25.6 | 0 |
| -25.3 | -26.6 | -20.0 | -24.0 | -26.6 | -26.6 | -27.9 | -31.9 | -24.0 | -21.3 | -22.6 | -23.0 | 0 |
| -27.9 | -22.6 | -26.6 | -29.3 | -34.6 | -27.9 | -24.0 | -22.6 | -26.6 | -26.6 | -22.6 | -26.8 | 1 |
| -25.3 | -22.6 | -22.6 | -24.0 | -26.6 | -22.6 | -30.6 | -29.3 | -26.6 | -27.9 | -27.9 | -28.3 | 1 |
| -13.3 | -17.3 | -18.6 | -20.0 | -24.0 | -16.0 | -24.0 | -20.0 | -17.3 | -20.0 | -20.0 | -23.4 | 1 |
| -18.6 | -18.6 | -16.0 | -18.6 | -21.3 | -20.0 | -21.3 | -21.3 | -21.3 | -20.0 | -21.3 | -20.8 | 0 |
| -18.6 | -13.3 | -14.6 | -21.3 | -24.0 | -21.3 | -21.3 | -22.6 | -22.6 | -22.6 | -21.3 | -21.3 | 0 |
| -27.9 | -21.3 | -21.3 | -22.6 | -25.3 | -24.0 | -20.0 | -18.6 | -21.3 | -18.6 | -20.0 | -22.7 | 0 |
| -21.3 | -21.3 | -22.6 | -21.3 | -25.3 | -20.0 | -22.6 | -20.0 | -22.6 | -20.0 | -24.0 | -22.0 | 0 |
| -21.3 | -22.6 | -20.0 | -26.6 | -29.3 | -16.0 | -14.6 | -20.0 | -24.0 | -21.3 | -22.6 | -22.8 | 0 |
| -20.0 | -21.3 | -24.0 | -24.0 | -22.6 | -21.3 | -22.6 | -21.3 | -21.3 | -21.3 | -18.6 | -21.1 | 0 |
| -20.0 | -18.6 | -22.6 | -20.0 | -22.6 | -21.3 | -20.0 | -21.3 | -22.6 | -21.3 | -21.3 | -21.7 | 0 |
| -25.9 | -24.6 | -25.3 | -27.1 | -30.2 | -27.2 | -26.2 | -25.3 | -25.2 | -24.3 | -23.6 | -26.4 | |
| 0.5 | 1.8 | 1.1 | - 0.4 | - 3.8 | - 0.8 | 0.2 | - 1.1 | 1.2 | 2.1 | 2.8 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 60.7 | 60.7 | 60.1 | 60.6 | 60.8 | 60.8 | 61.0 | 61.7 | 61.9 | 61.9 | 61.9 | 61.8 | 61.2 | 60.8 | 60.8 |
| 2 | 61.1 | 61.0 | 61.0 | 60.8 | 60.9 | 60.9 | 61.0 | 61.5 | 61.8 | 61.7 | 61.4 | 60.6 | 59.6 | 59.4 | 58.7 |
| 3 | 59.8 | 59.7 | 59.8 | 59.3 | 59.2 | 59.9 | 60.1 | 60.6 | 60.0 | 60.1 | 60.1 | 59.3 | 59.2 | 58.4 | 58.5 |
| 4 | 58.8 | 58.8 | 58.6 | 58.3 | 58.3 | 58.7 | 58.7 | 58.8 | 59.6 | 59.4 | 59.3 | 58.7 | 58.0 | 57.4 | 56.9 |
| 5 | 58.6 | 58.5 | 58.5 | 58.6 | 58.7 | 59.2 | 59.7 | 59.9 | 60.2 | 60.1 | 59.6 | 59.1 | 58.8 | 58.4 | 57.9 |
| 6 | 58.6 | 58.5 | 58.1 | 58.0 | 57.2 | 57.3 | 57.6 | 58.0 | 57.9 | 57.9 | 57.6 | 56.7 | 55.8 | 55.6 | 54.8 |
| 7 | 54.6 | 54.6 | 57.3 | 56.5 | 56.4 | 56.5 | 56.5 | 56.9 | 57.5 | 58.3 | 58.4 | 58.3 | 57.3 | 56.4 | 56.3 |
| 8 | 57.5 | 57.5 | 57.5 | 57.6 | 57.7 | 58.6 | 58.7 | 59.0 | 59.8 | 59.7 | 59.7 | 59.6 | 59.5 | 58.6 | 58.4 |
| 9 | 59.3 | 59.3 | 59.2 | 58.4 | 58.4 | 59.3 | 59.1 | 58.8 | 58.5 | 58.5 | 58.5 | 58.4 | 57.8 | 57.6 | 56.7 |
| 10 | 56.3 | 56.2 | 56.1 | 56.1 | 56.1 | 56.2 | 56.7 | 57.1 | 57.1 | 57.0 | 56.2 | 55.8 | 55.7 | 54.8 | 54.7 |
| 11 | 53.1 | 53.0 | 52.2 | 51.9 | 51.9 | 51.9 | 52.0 | 52.4 | 52.8 | 51.9 | 51.6 | 50.7 | 49.8 | 49.2 | 51.7 |
| 12 | 58.6 | 58.6 | 58.6 | 59.6 | 60.2 | 60.5 | 61.5 | 62.5 | 62.9 | 62.5 | 62.2 | 62.0 | 61.4 | 60.9 | 60.8 |
| 13 | 64.0 | 63.8 | 63.8 | 63.9 | 63.9 | 64.4 | 64.6 | 64.8 | 64.7 | 64.9 | 64.9 | 64.4 | 64.0 | 63.8 | 63.2 |
| 14 | 64.7 | 64.7 | 64.6 | 64.7 | 64.8 | 65.2 | 65.8 | 65.9 | 66.6 | 66.8 | 66.4 | 65.8 | 65.0 | 64.3 | 64.3 |
| 15 | 64.5 | 64.5 | 64.4 | 64.3 | 64.4 | 64.6 | 64.7 | 64.8 | 64.8 | 65.0 | 64.6 | 64.4 | 63.9 | 63.2 | 62.9 |
| 16 | 63.4 | 63.0 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.1 | 63.1 | 63.0 | 62.8 | 62.7 | 61.9 | 61.8 |
| 17 | 63.3 | 63.4 | 63.4 | 63.9 | 64.1 | 64.7 | 65.1 | 65.8 | 66.1 | 66.2 | 66.2 | 66.0 | 65.4 | 65.4 | 65.4 |
| 18 | 66.1 | 66.1 | 65.9 | 65.7 | 65.3 | 66.0 | 66.2 | 66.2 | 66.1 | 66.0 | 65.9 | 65.8 | 64.7 | 64.4 | 63.8 |
| 19 | 62.7 | 62.6 | 62.6 | 62.3 | 62.5 | 62.7 | 63.3 | 63.4 | 63.5 | 63.6 | 63.6 | 63.5 | 62.7 | 62.0 | 61.7 |
| 20 | 61.9 | 61.8 | 61.7 | 61.4 | 61.3 | 61.0 | 61.3 | 61.4 | 61.7 | 61.5 | 61.2 | 60.5 | 59.6 | 59.4 | 59.3 |
| 21 | 59.7 | 59.4 | 58.9 | 58.9 | 59.0 | 59.1 | 59.5 | 59.6 | 59.4 | 59.2 | 58.5 | 58.3 | 57.9 | 57.2 | 56.8 |
| 22 | 57.1 | 57.1 | 56.7 | 56.5 | 56.3 | 56.6 | 57.0 | 57.2 | 57.2 | 57.6 | 57.6 | 57.7 | 57.7 | 57.5 | 57.5 |
| 23 | 60.6 | 60.4 | 60.5 | 60.6 | 60.6 | 60.7 | 61.5 | 61.8 | 61.7 | 61.5 | 61.5 | 61.4 | 60.5 | 60.4 | 60.4 |
| 24 | 61.5 | 61.4 | 61.4 | 61.4 | 61.5 | 62.0 | 62.4 | 63.0 | 64.2 | 64.1 | 63.8 | 63.2 | 62.7 | 62.0 | 61.9 |
| 25 | 61.8 | 61.8 | 61.4 | 61.0 | 61.2 | 61.8 | 61.9 | 62.8 | 62.7 | 62.6 | 62.5 | 61.8 | 59.7 | 59.0 | 59.2 |
| 26 | 60.8 | 60.1 | 59.8 | 59.8 | 59.2 | 59.5 | 59.6 | 59.8 | 59.7 | 59.6 | 59.3 | 58.6 | 58.0 | 57.5 | 56.7 |
| 27 | 56.2 | 56.4 | 56.4 | 56.5 | 56.7 | 57.3 | 57.7 | 58.2 | 58.0 | 58.7 | 58.9 | 58.9 | 58.8 | 58.4 | 58.9 |
| 28 | 62.3 | 62.9 | 63.0 | 63.2 | 63.8 | 64.0 | 64.4 | 65.0 | 65.8 | 66.0 | 65.7 | 65.4 | 64.8 | 64.6 | 64.6 |
| 29 | 66.5 | 66.0 | 65.7 | 65.7 | 65.8 | 65.9 | 66.7 | 66.8 | 66.4 | 65.9 | 65.8 | 65.1 | 64.3 | 63.8 | 63.1 |
| 30 | 60.2 | 59.8 | 59.1 | 58.1 | 58.0 | 58.0 | 57.7 | 57.9 | 57.8 | 57.3 | 56.9 | 56.0 | 55.2 | 54.8 | 54.9 |
| 31 | | | | | | | | | | | | | | | |
| Prom | 60.5 | 60.4 | 60.3 | 60.2 | 60.2 | 60.5 | 60.8 | 61.1 | 61.3 | 61.3 | 61.1 | 60.7 | 60.1 | 59.6 | 59.4 |

## TEMPERATURA DEL AIRE

a la sombra en grados C.

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.3 | 6.7 | 6.2 | 5.2 | 5.2 | 4.2 | 4.2 | 8.9 | 13.0 | 16.2 | 18.2 | 19.6 | 20.8 | 21.3 | 21.9 |
| 2 | 8.8 | 8.9 | 9.1 | 9.6 | 9.4 | 8.9 | 8.2 | 13.0 | 16.7 | 20.1 | 22.8 | 23.9 | 24.8 | 25.6 | 25.5 |
| 3 | 10.7 | 10.7 | 9.8 | 9.6 | 9.8 | 9.4 | 9.5 | 14.2 | 17.5 | 19.6 | 22.1 | 23.7 | 24.7 | 25.0 | 25.1 |
| 4 | 12.3 | 11.3 | 10.1 | 9.2 | 8.5 | 8.1 | 8.2 | 15.0 | 19.1 | 21.8 | 24.0 | 25.0 | 25.7 | 26.0 | 26.1 |
| 5 | 12.4 | 12.3 | 11.8 | 11.4 | 11.3 | 11.2 | 11.0 | 14.7 | 19.6 | 22.1 | 22.9 | 23.3 | 24.3 | 24.5 | 25.4 |
| 6 | 16.4 | 16.6 | 16.9 | 16.1 | 15.2 | 14.8 | 13.4 | 18.0 | 20.2 | 22.0 | 24.0 | 25.0 | 26.1 | 26.2 | 26.8 |
| 7 | 18.2 | 18.1 | 17.0 | 16.1 | 15.7 | 15.7 | 15.4 | 15.7 | 15.8 | 16.1 | 16.1 | 16.1 | 16.3 | 16.3 | 16.3 |
| 8 | 14.9 | 15.0 | 15.2 | 15.2 | 15.0 | 15.1 | 15.4 | 15.4 | 16.2 | 17.2 | 17.3 | 18.6 | 19.5 | 19.5 | 20.4 |
| 9 | 14.9 | 14.8 | 13.9 | 14.8 | 14.9 | 14.9 | 14.9 | 16.9 | 16.9 | 17.8 | 17.9 | 18.4 | 18.3 | 18.7 | 18.7 |
| 10 | 18.0 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 18.8 | 19.0 | 21.0 | 22.1 | 22.6 | 23.5 | 24.0 | 25.0 |
| 11 | 19.9 | 19.9 | 19.4 | 19.2 | 19.3 | 20.0 | 20.1 | 20.3 | 21.1 | 22.7 | 24.2 | 24.9 | 25.8 | 26.1 | 14.8 |
| 12 | 9.4 | 8.8 | 8.2 | 8.2 | 7.6 | 7.2 | 6.2 | 7.2 | 8.2 | 10.6 | 14.1 | 15.1 | 16.1 | 16.7 | 16.9 |
| 13 | 3.8 | 2.9 | 2.7 | 2.2 | 2.3 | 2.6 | 2.7 | 7.7 | 11.7 | 15.1 | 16.8 | 17.9 | 18.3 | 19.1 | 19.1 |
| 14 | 7.2 | 7.8 | 7.7 | 6.9 | 7.1 | 6.2 | 6.3 | 11.4 | 14.2 | 16.9 | 18.5 | 20.0 | 20.5 | 21.0 | 20.9 |
| 15 | 11.5 | 11.0 | 10.1 | 10.0 | 9.4 | 9.0 | 8.8 | 12.9 | 15.1 | 17.9 | 20.1 | 20.4 | 21.7 | 22.2 | 22.3 |
| 16 | 12.0 | 11.9 | 11.6 | 11.8 | 12.0 | 11.7 | 11.9 | 15.4 | 19.0 | 20.3 | 22.2 | 24.0 | 24.1 | 24.2 | 24.2 |
| 17 | 15.3 | 15.3 | 15.1 | 14.2 | 14.0 | 13.9 | 13.9 | 14.9 | 15.2 | 16.5 | 19.3 | 19.3 | 19.4 | 19.5 | 19.5 |
| 18 | 15.1 | 15.2 | 15.1 | 15.0 | 15.0 | 14.0 | 13.9 | 16.0 | 17.0 | 18.9 | 20.1 | 21.5 | 22.3 | 23.2 | 23.3 |
| 19 | 15.2 | 14.2 | 14.4 | 14.2 | 13.9 | 13.4 | 13.2 | 15.1 | 17.2 | 19.0 | 21.0 | 22.3 | 22.8 | 23.6 | 23.9 |
| 20 | 15.3 | 14.8 | 14.1 | 13.1 | 11.9 | 11.5 | 11.8 | 15.6 | 18.7 | 21.6 | 23.6 | 24.5 | 24.5 | 25.4 | 24.7 |
| 21 | 9.1 | 8.2 | 8.1 | 7.1 | 7.1 | 6.8 | 6.6 | 11.5 | 17.8 | 20.1 | 22.1 | 23.7 | 24.9 | 25.1 | 25.5 |
| 22 | 16.3 | 15.6 | 15.1 | 15.1 | 15.6 | 15.6 | 15.9 | 18.0 | 20.0 | 21.0 | 22.8 | 23.8 | 24.2 | 24.2 | 24.1 |
| 23 | 10.8 | 10.1 | 9.3 | 8.2 | 7.3 | 7.0 | 6.4 | 8.5 | 11.5 | 13.8 | 15.7 | 17.5 | 18.7 | 19.7 | 18.9 |
| 24 | 7.8 | 6.9 | 5.8 | 5.4 | 5.1 | 4.9 | 4.4 | 12.0 | 14.9 | 17.1 | 19.1 | 20.6 | 21.0 | 22.0 | 22.0 |
| 25 | 13.1 | 11.3 | 9.4 | 10.1 | 10.1 | 9.4 | 8.0 | 10.7 | 12.9 | 16.2 | 17.5 | 19.8 | 19.6 | 19.1 | 19.2 |
| 26 | 8.6 | 8.4 | 8.3 | 7.5 | 7.6 | 7.7 | 9.2 | 14.0 | 18.0 | 20.6 | 22.5 | 23.3 | 23.9 | 24.0 | 23.9 |
| 27 | 15.4 | 15.2 | 13.4 | 12.3 | 11.3 | 11.2 | 10.9 | 14.5 | 16.8 | 19.0 | 19.3 | 21.6 | 23.0 | 22.2 | 21.6 |
| 28 | 12.2 | 11.8 | 11.3 | 11.3 | 11.3 | 10.6 | 10.7 | 10.9 | 13.9 | 16.1 | 18.5 | 19.5 | 20.5 | 20.4 | 20.2 |
| 29 | 8.1 | 9.8 | 10.2 | 11.3 | 11.4 | 11.5 | 14.3 | 14.7 | 15.5 | 16.5 | 16.8 | 18.4 | 20.0 | 20.3 | 19.6 |
| 30 | 15.6 | 16.2 | 16.0 | 15.6 | 15.5 | 16.2 | 16.4 | 16.9 | 17.4 | 18.3 | 19.1 | 19.2 | 19.1 | 19.2 | 19.2 |
| 31 | | | | | | | | | | | | | | | |
| Prom | 12.5 | 12.2 | 11.8 | 11.5 | 11.3 | 11.0 | 11.0 | 13.9 | 16.3 | 18.4 | 20.0 | 21.1 | 21.8 | 22.1 | 21.8 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.8 | 60.8 | 61.0 | 61.0 | 61.2 | 61.8 | 61.6 | 61.5 | 61.6 | 61.9 | varios | 60.1 | 3 | 1.8 | 761.2 mm. | 1014.9 mb. |
| 58.5 | 58.5 | 58.6 | 58.6 | 59.3 | 59.4 | 59.6 | 59.6 | 59.7 | 61.8 | 9 | 58.5 | 16,17 | 3.3 | 60.1 | 1013.4 |
| 58.4 | 58.2 | 58.3 | 58.3 | 58.4 | 59.0 | 58.6 | 58.5 | 58.6 | 60.6 | 8 | 58.2 | 17 | 2.4 | 59.2 | 1012.2 |
| 57.0 | 57.0 | 57.1 | 57.3 | 58.0 | 58.2 | 58.3 | 58.4 | 58.4 | 59.6 | 9 | 56.9 | 15 | 2.7 | 58.2 | 1010.9 |
| 57.8 | 58.0 | 58.1 | 58.2 | 58.8 | 59.2 | 59.2 | 59.1 | 58.6 | 60.2 | 9 | 57.8 | 16 | 2.4 | 58.9 | 1011.8 |
| 54.8 | 54.9 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.4 | 55.4 | 58.6 | 0,1 | 54.8 | 15,16 | 3.8 | 56.5 | 1002.6 |
| 57.1 | 57.1 | 56.9 | 56.3 | 56.7 | 56.9 | 56.8 | 57.3 | 57.3 | 58.4 | 11 | 54.6 | 1 | 3.8 | 56.9 | 1009.2 |
| 58.4 | 58.3 | 58.3 | 58.3 | 58.9 | 59.0 | 59.2 | 59.0 | 59.2 | 59.8 | 9 | 57.3 | 0 | 2.5 | 58.7 | 1011.6 |
| 56.8 | 56.9 | 57.0 | 57.2 | 57.2 | 57.2 | 57.1 | 56.3 | 56.6 | 59.3 | varios | 56.3 | 23 | 3.0 | 57.9 | 1010.5 |
| 54.7 | 54.2 | 53.9 | 54.1 | 54.2 | 54.0 | 54.2 | 54.0 | 54.0 | 57.1 | 8,9 | 53.9 | 18 | 3.2 | 55.4 | 1007.2 |
| 53.3 | 54.3 | 54.5 | 54.6 | 56.4 | 56.8 | 57.7 | 57.7 | 57.9 | 57.9 | 24 | 49.0 | 14-15 | 8.9 | 53.3 | 1004.4 |
| 61.0 | 61.9 | 62.0 | 62.9 | 63.2 | 63.5 | 63.9 | 63.9 | 63.9 | 63.9 | varios | 57.9 | 0 | 6.0 | 61.6 | 1015.4 |
| 63.2 | 63.3 | 63.3 | 63.4 | 64.0 | 64.4 | 64.5 | 64.5 | 64.5 | 64.9 | 10,11 | 63.2 | 15,16 | 1.7 | 64.1 | 1018.8 |
| 64.3 | 64.3 | 64.2 | 64.4 | 64.5 | 64.5 | 64.5 | 64.4 | 64.4 | 66.8 | 10 | 64.2 | 18 | 2.6 | 65.0 | 1020.0 |
| 62.4 | 62.5 | 62.7 | 62.8 | 63.0 | 63.1 | 63.7 | 63.2 | 63.0 | 65.0 | 10 | 62.4 | 16 | 2.6 | 63.8 | 1018.4 |
| 61.8 | 61.9 | 62.5 | 62.8 | 63.0 | 63.6 | 63.8 | 63.4 | 63.4 | 63.8 | 22 | 61.8 | 15,16 | 2.0 | 62.8 | 1017.0 |
| 66.1 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.2 | 10,11 | 63.3 | 1 | 2.9 | 65.4 | 1020.5 |
| 63.8 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.7 | 63.7 | 63.0 | 66.2 | 7,8 | 63.0 | 24 | 3.2 | 64.9 | 1019.8 |
| 61.8 | 61.8 | 62.0 | 62.4 | 62.2 | 62.1 | 62.0 | 62.0 | 62.0 | 63.6 | 10,11 | 61.7 | 15 | 1.9 | 62.5 | 1016.6 |
| 59.3 | 59.4 | 59.7 | 59.7 | 59.8 | 59.8 | 59.9 | 59.8 | 59.7 | 62.0 | 0 | 59.3 | 15,16 | 2.7 | 60.5 | 1014.0 |
| 56.6 | 56.6 | 56.8 | 57.3 | 57.2 | 57.4 | 57.2 | 57.1 | 57.1 | 59.7 | 0,1 | 56.6 | 16,17 | 3.1 | 58.1 | 1010.8 |
| 57.8 | 57.9 | 57.9 | 58.9 | 59.6 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 23,24 | 56.3 | 5 | 3.8 | 57.9 | 1010.5 |
| 60.4 | 60.4 | 60.4 | 60.5 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.8 | 8 | 60.1 | 0 | 1.7 | 61.0 | 1014.6 |
| 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 61.9 | 61.9 | 64.2 | 9 | 61.4 | varios | 2.8 | 62.2 | 1016.2 |
| 59.5 | 59.6 | 60.4 | 60.8 | 60.9 | 60.9 | 60.9 | 61.0 | 60.9 | 62.8 | 8 | 58.8 | 14-15 | 4.0 | 61.1 | 1014.8 |
| 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.1 | 56.0 | 55.5 | 56.2 | 60.9 | 0 | 55.5 | 23 | 5.4 | 58.1 | 1010.8 |
| 58.1 | 58.1 | 58.9 | 59.9 | 60.0 | 60.9 | 60.9 | 61.7 | 61.9 | 61.9 | 24 | 56.2 | 0,1 | 5.7 | 58.6 | 1011.4 |
| 64.6 | 65.4 | 65.6 | 66.3 | 66.4 | 66.4 | 66.5 | 66.6 | 66.5 | 66.6 | 23 | 61.9 | 0 | 4.7 | 65.0 | 1020.0 |
| 62.9 | 62.7 | 62.1 | 62.1 | 62.2 | 61.9 | 61.3 | 61.2 | 60.5 | 66.8 | 8 | 60.5 | 24 | 6.3 | 64.2 | 1018.9 |
| 54.6 | 54.5 | 54.3 | 54.5 | 54.6 | 54.6 | 54.7 | 55.0 | 54.7 | 60.5 | 0 | 54.3 | 18 | 6.2 | 56.4 | 1008.5 |
| 59.5 | 59.6 | 59.7 | 59.9 | 60.1 | 60.3 | 60.4 | 60.3 | 60.3 | 62.1 | | 58.5 | | 3.6 | 60.3 | 1013.7 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22.0 | 21.1 | 18.9 | 14.5 | 11.7 | 10.0 | 8.8 | 8.7 | 8.8 | 22.0 | 16 | 4.2 | 6,7 | 17.8 | 12.6 |
| 24.7 | 23.4 | 20.3 | 18.1 | 15.4 | 14.0 | 12.5 | 11.4 | 10.7 | 25.6 | 14 | 8.1 | 6-7 | 17.5 | 16.1 |
| 25.1 | 23.9 | 21.1 | 18.4 | 16.4 | 14.6 | 13.2 | 13.2 | 13.2 | 25.1 | 15,16 | 9.2 | 6-7 | 15.9 | 16.7 |
| 26.0 | 25.2 | 21.9 | 18.5 | 17.8 | 16.6 | 15.1 | 13.9 | 13.3 | 26.1 | 15 | 8.0 | 6-7 | 18.1 | 17.4 |
| 24.4 | 22.4 | 20.5 | 19.4 | 18.5 | 18.4 | 17.8 | 17.3 | 16.7 | 25.4 | 15 | 11.0 | 7 | 14.4 | 18.1 |
| 27.0 | 26.2 | 22.1 | 19.9 | 18.8 | 17.9 | 17.5 | 17.1 | 17.1 | 27.0 | 16 | 13.4 | 7 | 13.6 | 20.0 |
| 16.2 | 16.2 | 16.2 | 16.1 | 15.3 | 15.2 | 15.1 | 14.9 | 14.4 | 18.2 | 1 | 14.4 | 24 | 3.8 | 16.0 |
| 19.3 | 18.4 | 17.3 | 16.8 | 15.9 | 15.2 | 14.9 | 14.8 | 14.8 | 20.4 | 15 | 14.4 | 0 | 6.0 | 16.6 |
| 18.0 | 17.9 | 17.1 | 16.9 | 16.9 | 16.9 | 16.9 | 17.8 | 17.9 | 18.7 | 14,15 | 13.9 | 3 | 4.8 | 16.8 |
| 25.0 | 24.0 | 22.0 | 20.9 | 20.2 | 19.9 | 19.9 | 19.9 | 19.8 | 25.0 | 15,16 | 17.9 | varios | 7.1 | 20.5 |
| 14.0 | 14.0 | 14.0 | 13.3 | 13.4 | 13.3 | 12.7 | 11.2 | 10.1 | 26.3 | 13-14 | 10.1 | 24 | 16.2 | 18.1 |
| 16.3 | 15.6 | 13.4 | 11.3 | 8.4 | 7.4 | 7.5 | 5.7 | 4.7 | 16.9 | 15 | 4.7 | 24 | 12.2 | 10.4 |
| 19.0 | 17.9 | 14.7 | 12.5 | 11.3 | 9.9 | 9.4 | 8.6 | 7.7 | 19.1 | 14,15 | 2.2 | 4 | 16.9 | 10.7 |
| 19.9 | 18.9 | 16.0 | 12.8 | 10.8 | 9.8 | 8.8 | 8.3 | 10.1 | 21.0 | 14 | 6.0 | 6-7 | 15.0 | 12.8 |
| 21.4 | 19.8 | 17.1 | 16.0 | 15.5 | 14.0 | 14.0 | 13.9 | 13.0 | 22.3 | 15 | 8.5 | 6-7 | 13.8 | 15.3 |
| 23.0 | 21.3 | 20.1 | 19.0 | 18.3 | 17.7 | 16.9 | 16.2 | 15.8 | 24.4 | 14-15 | 11.6 | 3 | 12.8 | 17.7 |
| 18.3 | 17.5 | 17.3 | 16.8 | 16.2 | 15.3 | 14.9 | 14.1 | 14.1 | 19.6 | 11-12 | 13.9 | 6,7 | 5.7 | 16.2 |
| 23.2 | 21.3 | 19.2 | 17.3 | 16.4 | 16.2 | 15.6 | 15.4 | 15.0 | 23.3 | 15 | 13.9 | 7 | 9.4 | 17.7 |
| 24.0 | 22.3 | 20.8 | 18.6 | 17.7 | 17.6 | 17.5 | 17.4 | 16.4 | 24.0 | 16 | 13.2 | 7 | 10.8 | 18.2 |
| 23.6 | 22.3 | 19.6 | 16.2 | 15.0 | 14.1 | 12.4 | 11.1 | 10.0 | 25.4 | 14 | 10.0 | 24 | 15.4 | 17.3 |
| 25.2 | 21.9 | 19.3 | 18.3 | 17.4 | 17.0 | 16.3 | 16.9 | 16.4 | 25.7 | 15-16 | 6.6 | 7 | 19.1 | 16.4 |
| 23.6 | 21.9 | 19.8 | 17.7 | 15.8 | 14.7 | 13.0 | 12.6 | 11.8 | 24.2 | 13,14 | 11.8 | 24 | 12.4 | 18.3 |
| 18.1 | 16.6 | 14.8 | 13.0 | 11.3 | 10.4 | 9.6 | 9.5 | 7.7 | 19.7 | 14 | 6.4 | 7 | 13.3 | 12.3 |
| 21.2 | 19.6 | 10.9 | 15.6 | 14.8 | 14.7 | 14.4 | 13.8 | 13.5 | 22.0 | 14,15 | 4.4 | 7 | 17.6 | 13.9 |
| 20.0 | 18.9 | 16.3 | 13.9 | 11.9 | 10.9 | 10.0 | 9.3 | 8.9 | 20.0 | 16 | 8.0 | 7 | 12.0 | 13.6 |
| 23.1 | 21.5 | 19.2 | 17.0 | 17.0 | 17.0 | 16.7 | 17.0 | 16.3 | 24.0 | 14 | 7.3 | 4-5 | 16.7 | 16.4 |
| 18.8 | 18.8 | 17.8 | 16.9 | 16.3 | 15.8 | 14.9 | 14.0 | 13.0 | 23.0 | 13 | 10.9 | 7 | 12.1 | 16.4 |
| 19.9 | 18.1 | 14.9 | 12.5 | 10.4 | 9.3 | 8.6 | 7.9 | 8.0 | 20.5 | 13 | 7.9 | 23 | 12.6 | 13.7 |
| 18.7 | 18.1 | 16.5 | 15.7 | 15.5 | 15.5 | 15.4 | 15.3 | 15.4 | 20.4 | 13-14 | 7.9 | 0-1 | 12.5 | 15.2 |
| 18.6 | 18.3 | 17.7 | 17.4 | 17.4 | 17.4 | 15.6 | 14.8 | 13.6 | 19.2 | varios | 13.6 | 24 | 5.6 | 17.1 |
| 21.2 | 20.1 | 18.1 | 16.4 | 15.3 | 14.5 | 13.9 | 13.4 | 12.9 | 22.5 | | 9.8 | | 12.7 | 16.0 |

## HUMEDAD RELATIVA en %

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 78 | 79 | 80 | 82 | 85 | 85 | 85 | 65 | 50 | 40 | 31 | 29 | 28 | 27 | 26 |
| 2 | 75 | 81 | 74 | 75 | 80 | 87 | 84 | 70 | 58 | 47 | 41 | 36 | 33 | 31 | 33 |
| 3 | 93 | 93 | 94 | 94 | 92 | 93 | 91 | 76 | 64 | 57 | 52 | 47 | 45 | 44 | 44 |
| 4 | 96 | 96 | 97 | 99 | 99 | 100 | 100 | 80 | 69 | 58 | 49 | 47 | 44 | 42 | 41 |
| 5 | 93 | 94 | 95 | 95 | 95 | 95 | 95 | 95 | 69 | 61 | 61 | 61 | 58 | 56 | 57 |
| 6 | 97 | 98 | 98 | 100 | 100 | 100 | 100 | 94 | 82 | 73 | 61 | 56 | 52 | 47 | 46 |
| 7 | 83 | 87 | 95 | 95 | 95 | 94 | 95 | 96 | 91 | 92 | 93 | 92 | 93 | 92 | 93 |
| 8 | 94 | 98 | 99 | 98 | 98 | 98 | 97 | 96 | 93 | 89 | 88 | 84 | 80 | 79 | 74 |
| 9 | 87 | 88 | 89 | 86 | 84 | 88 | 87 | 81 | 81 | 79 | 79 | 78 | 78 | 78 | 77 |
| 10 | 87 | 89 | 89 | 91 | 95 | 95 | 96 | 94 | 93 | 86 | 80 | 84 | 79 | 74 | 68 |
| 11 | 91 | 94 | 96 | 96 | 96 | 96 | 96 | 96 | 91 | 87 | 79 | 77 | 74 | 71 | 99 |
| 12 | 88 | 89 | 89 | 89 | 89 | 93 | 93 | 85 | 79 | 72 | 57 | 47 | 35 | 30 | 29 |
| 13 | 96 | 97 | 98 | 98 | 98 | 98 | 96 | 75 | 58 | 50 | 43 | 40 | 38 | 35 | 36 |
| 14 | 90 | 85 | 86 | 86 | 87 | 92 | 88 | 73 | 62 | 54 | 47 | 44 | 40 | 38 | 39 |
| 15 | 71 | 73 | 76 | 77 | 81 | 85 | 85 | 70 | 63 | 56 | 50 | 49 | 46 | 46 | 45 |
| 16 | 97 | 97 | 98 | 98 | 99 | 99 | 100 | 100 | 74 | 66 | 66 | 60 | 52 | 50 | 60 |
| 17 | 92 | 94 | 100 | 100 | 100 | 100 | 100 | 93 | 91 | 84 | 70 | 71 | 74 | 74 | 73 |
| 18 | 92 | 88 | 90 | 92 | 93 | 96 | 97 | 89 | 79 | 72 | 64 | 62 | 61 | 56 | 55 |
| 19 | 98 | 98 | 88 | 88 | 92 | 92 | 92 | 87 | 82 | 78 | 72 | 67 | 64 | 60 | 58 |
| 20 | 95 | 91 | 92 | 97 | 99 | 100 | 100 | 90 | 80 | 75 | 68 | 64 | 58 | 54 | 57 |
| 21 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 93 | 71 | 59 | 45 | 43 | 39 | 39 | 41 |
| 22 | 74 | 79 | 85 | 90 | 95 | 96 | 98 | 90 | 83 | 77 | 52 | 41 | 39 | 38 | 38 |
| 23 | 92 | 93 | 93 | 93 | 93 | 93 | 95 | 89 | 79 | 70 | 62 | 59 | 57 | 53 | 62 |
| 24 | 97 | 97 | 98 | 98 | 99 | 99 | 100 | 100 | 76 | 69 | 62 | 55 | 50 | 45 | 44 |
| 25 | 96 | 98 | 100 | 87 | 88 | 95 | 100 | 90 | 85 | 71 | 65 | 59 | 55 | 57 | 57 |
| 26 | 100 | 100 | 99 | 99 | 99 | 99 | 99 | 89 | 72 | 63 | 56 | 52 | 52 | 51 | 51 |
| 27 | 84 | 89 | 93 | 97 | 98 | 98 | 98 | 95 | 83 | 77 | 75 | 68 | 63 | 67 | 70 |
| 28 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 76 | 66 | 44 | 38 | 33 | 34 | 34 |
| 29 | 96 | 93 | 91 | 84 | 87 | 89 | 83 | 70 | 63 | 56 | 56 | 52 | 43 | 43 | 50 |
| 30 | 88 | 88 | 88 | 89 | 92 | 92 | 92 | 92 | 88 | 84 | 85 | 84 | 84 | 85 | 85 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 91 | 92 | 92 | 92 | 94 | 95 | 95 | 87 | 76 | 69 | 62 | 58 | 55 | 53 | 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 | 5.8 | 5.6 | 5.4 | 5.2 | 5.2 | 5.0 | 5.0 | 5.6 | 5.2 | 5.0 | 5.0 | 4.6 | 5.0 | 5.2 | 5.2 |
| 2 | 6.0 | 6.8 | 6.2 | 6.4 | 6.6 | 7.4 | 6.6 | 7.8 | 7.8 | 8.0 | 8.5 | 8.0 | 7.4 | 7.7 | 7.8 |
| 3 | 8.5 | 8.5 | 8.0 | 8.0 | 8.0 | 7.8 | 8.0 | 9.2 | 9.0 | 9.5 | 10.0 | 10.0 | 9.5 | 10.2 | 9.5 |
| 4 | 10.0 | 9.5 | 8.5 | 8.0 | 7.8 | 7.8 | 7.8 | 10.2 | 10.5 | 11.0 | 10.0 | 11.0 | 11.5 | 10.5 | 10.5 |
| 5 | 9.5 | 9.5 | 9.0 | 9.0 | 9.0 | 8.5 | 8.5 | 11.9 | 11.0 | 12.0 | 12.5 | 13.0 | 12.5 | 12.8 | 13.5 |
| 6 | 13.0 | 13.5 | 13.5 | 13.0 | 12.0 | 12.0 | 10.5 | 14.4 | 14.4 | 14.0 | 13.5 | 13.0 | 13.0 | 11.9 | 12.0 |
| 7 | 12.5 | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 11.5 | 12.7 | 12.0 | 12.0 | 12.0 | 12.0 | 12.5 | 12.6 | 12.5 |
| 8 | 11.5 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 13.0 | 12.5 | 13.4 | 12.5 |
| 9 | 10.5 | 10.5 | 10.0 | 10.5 | 10.0 | 10.5 | 10.5 | 11.7 | 11.0 | 11.5 | 11.5 | 12.0 | 11.5 | 12.6 | 12.0 |
| 10 | 13.0 | 13.0 | 13.0 | 13.5 | 13.5 | 13.5 | 14.5 | 15.2 | 14.5 | 16.0 | 15.0 | 16.5 | 16.5 | 16.3 | 15.5 |
| 11 | 15.5 | 15.5 | 16.0 | 15.5 | 16.0 | 16.5 | 16.5 | 17.0 | 17.0 | 17.5 | 17.0 | 18.0 | 17.5 | 17.8 | 12.0 |
| 12 | 7.6 | 7.2 | 7.0 | 7.0 | 6.6 | 6.8 | 6.4 | 6.5 | 6.2 | 6.8 | 6.8 | 6.0 | 4.4 | 4.3 | 3.8 |
| 13 | 5.6 | 5.4 | 5.2 | 5.0 | 5.0 | 5.2 | 5.2 | 5.8 | 5.8 | 6.0 | 6.0 | 5.6 | 5.8 | 5.8 | 6.0 |
| 14 | 6.4 | 6.4 | 6.8 | 6.4 | 6.4 | 6.4 | 6.0 | 7.4 | 7.4 | 7.4 | 7.4 | 7.2 | 6.6 | 7.1 | 6.8 |
| 15 | 7.2 | 7.0 | 7.0 | 7.0 | 7.2 | 7.0 | 6.8 | 7.8 | 7.8 | 8.5 | 8.0 | 8.0 | 8.5 | 9.2 | 8.0 |
| 16 | 10.0 | 9.5 | 9.5 | 9.5 | 10.0 | 9.5 | 9.5 | 12.7 | 11.5 | 11.5 | 13.0 | 12.5 | 11.5 | 11.2 | 12.5 |
| 17 | 11.5 | 11.5 | 12.0 | 11.5 | 11.0 | 11.0 | 11.0 | 11.8 | 11.5 | 11.0 | 11.0 | 11.5 | 12.0 | 13.3 | 12.0 |
| 18 | 11.5 | 11.0 | 11.0 | 11.5 | 11.5 | 11.0 | 11.0 | 12.1 | 11.0 | 11.5 | 10.5 | 11.5 | 12.0 | 11.8 | 11.0 |
| 19 | 12.0 | 11.5 | 10.5 | 10.0 | 10.5 | 10.0 | 10.0 | 11.1 | 11.5 | 12.5 | 13.0 | 13.0 | 12.5 | 12.9 | 12.5 |
| 20 | 11.5 | 11.0 | 10.5 | 10.5 | 9.5 | 9.5 | 9.5 | 11.8 | 12.0 | 13.5 | 14.5 | 14.0 | 13.0 | 13.1 | 13.0 |
| 21 | 8.0 | 7.8 | 7.8 | 7.2 | 7.2 | 7.0 | 7.0 | 9.3 | 10.5 | 9.5 | 8.0 | 9.0 | 8.5 | 9.3 | 10.0 |
| 22 | 9.5 | 10.0 | 10.0 | 11.0 | 12.0 | 12.5 | 12.5 | 13.8 | 14.0 | 14.0 | 10.5 | 9.0 | 8.0 | 8.5 | 8.0 |
| 23 | 8.5 | 8.0 | 7.8 | 7.4 | 7.0 | 6.8 | 6.4 | 7.4 | 7.6 | 7.8 | 8.0 | 8.0 | 9.0 | 9.2 | 10.0 |
| 24 | 7.6 | 7.0 | 6.6 | 6.4 | 6.2 | 6.2 | 6.0 | 10.5 | 9.5 | 9.5 | 10.0 | 9.0 | 8.5 | 9.0 | 8.0 |
| 25 | 10.5 | 9.5 | 8.0 | 7.8 | 7.8 | 7.8 | 7.2 | 9.2 | 8.5 | 9.5 | 9.0 | 9.5 | 8.5 | 9.5 | 8.5 |
| 26 | 7.8 | 7.8 | 7.8 | 7.4 | 7.4 | 7.4 | 8.0 | 10.1 | 10.5 | 11.0 | 11.5 | 11.0 | 11.0 | 11.0 | 11.0 |
| 27 | 10.5 | 11.0 | 10.0 | 10.0 | 9.5 | 9.0 | 9.0 | 11.7 | 11.5 | 12.5 | 11.5 | 12.5 | 12.5 | 13.4 | 12.5 |
| 28 | 9.5 | 9.0 | 9.0 | 9.0 | 9.0 | 8.5 | 8.5 | 9.0 | 8.0 | 8.0 | 6.6 | 6.2 | 5.8 | 6.2 | 5.6 |
| 29 | 7.8 | 8.0 | 8.0 | 8.0 | 8.5 | 8.5 | 9.5 | 8.7 | 8.0 | 7.8 | 8.0 | 8.0 | 7.2 | 7.6 | 7.8 |
| 30 | 11.0 | 11.5 | 11.5 | 11.0 | 11.5 | 12.5 | 12.5 | 13.1 | 12.5 | 12.5 | 13.0 | 13.5 | 13.0 | 14.0 | 13.5 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 9.7 | 9.6 | 9.4 | 9.2 | 9.2 | 9.2 | 9.1 | 10.6 | 10.3 | 10.7 | 10.5 | 10.5 | 10.3 | 10.6 | 10.1 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 27 | 52 | 70 | 74 | 80 | 82 | 74 | 75 | 85 | varios | 23 | 16 | 62 | 60 |
| 34 | 40 | 54 | 68 | 81 | 86 | 92 | 97 | 96 | 97 | 23 | 31 | 14 | 66 | 65 |
| 45 | 51 | 62 | 78 | 83 | 90 | 94 | 95 | 94 | 96 | 0 | 44 | 14,15 | 52 | 74 |
| 42 | 43 | 61 | 78 | 79 | 85 | 89 | 90 | 92 | 100 | 6,7 | 39 | 15-16 | 61 | 74 |
| 66 | 79 | 87 | 89 | 92 | 93 | 93 | 94 | 95 | 95 | varios | 53 | 14-15 | 42 | 82 |
| 45 | 50 | 74 | 75 | 84 | 89 | 94 | 94 | 93 | 100 | varios | 43 | 16-17 | 57 | 79 |
| 92 | 92 | 92 | 93 | 96 | 96 | 95 | 95 | 95 | 96 | varios | 82 | 1-2 | 14 | 93 |
| 77 | 79 | 83 | 81 | 83 | 88 | 89 | 93 | 92 | 99 | 3 | 74 | 15 | 25 | 89 |
| 85 | 88 | 94 | 93 | 92 | 93 | 92 | 87 | 86 | 94 | 18 | 77 | 15 | 17 | 85 |
| 68 | 69 | 78 | 85 | 89 | 90 | 91 | 92 | 93 | 96 | 7 | 67 | 15-16 | 29 | 86 |
| 99 | 99 | 99 | 95 | 95 | 95 | 94 | 88 | 89 | 99 | varios | 71 | 14 | 28 | 91 |
| 29 | 34 | 44 | 61 | 76 | 75 | 76 | 88 | 92 | 93 | 6,7 | 29 | 15,16 | 64 | 68 |
| 35 | 41 | 62 | 73 | 77 | 78 | 82 | 89 | 90 | 98 | varios | 35 | 14,16 | 63 | 70 |
| 39 | 45 | 62 | 83 | 90 | 94 | 95 | 94 | 75 | 97 | 22-23 | 38 | 14 | 59 | 70 |
| 54 | 65 | 80 | 79 | 83 | 90 | 90 | 96 | 94 | 96 | 23 | 42 | 14-15 | 54 | 71 |
| 64 | 79 | 78 | 77 | 77 | 82 | 88 | 88 | 94 | 100 | 7,8 | 50 | 14 | 50 | 81 |
| 78 | 78 | 80 | 87 | 87 | 92 | 92 | 93 | 96 | 100 | varios | 70 | 11 | 30 | 88 |
| 56 | 72 | 81 | 87 | 94 | 95 | 95 | 98 | 97 | 98 | 23 | 55 | 15 | 43 | 82 |
| 57 | 63 | 72 | 86 | 86 | 92 | 92 | 93 | 91 | 98 | 1,2 | 57 | 16 | 41 | 81 |
| 48 | 51 | 66 | 79 | 70 | 79 | 89 | 94 | 95 | 100 | 6,7 | 48 | 16 | 52 | 79 |
| 53 | 67 | 76 | 81 | 82 | 86 | 88 | 83 | 79 | 100 | varios | 39 | 13,14 | 61 | 76 |
| 36 | 39 | 48 | 56 | 61 | 72 | 81 | 86 | 87 | 98 | 7 | 36 | 16 | 62 | 68 |
| 67 | 72 | 81 | 89 | 90 | 93 | 95 | 95 | 97 | 97 | 24 | 50 | 14-15 | 47 | 82 |
| 54 | 64 | 76 | 86 | 91 | 92 | 90 | 94 | 96 | 100 | 7,8 | 42 | 14-15 | 58 | 80 |
| 58 | 71 | 84 | 93 | 95 | 97 | 98 | 99 | 100 | 100 | varios | 55 | 13 | 45 | 83 |
| 55 | 63 | 74 | 89 | 94 | 93 | 90 | 80 | 82 | 100 | varios | 51 | 14,15 | 49 | 79 |
| 90 | 94 | 94 | 95 | 96 | 96 | 96 | 96 | 97 | 98 | varios | 62 | 12-13 | 36 | 88 |
| 38 | 55 | 70 | 82 | 90 | 95 | 95 | 95 | 96 | 100 | varios | 33 | 13 | 67 | 76 |
| 56 | 61 | 72 | 84 | 87 | 87 | 87 | 88 | 88 | 96 | 0,1 | 37 | 13-14 | 59 | 74 |
| 84 | 84 | 90 | 93 | 90 | 89 | 97 | 97 | 97 | 97 | varios | 80 | 10-11 | 17 | 89 |
| 58 | 64 | 74 | 82 | 85 | 89 | 91 | 92 | 91 | 97 | | 50 | | 47 | 79 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.4 | 5.0 | 8.0 | 8.0 | 7,6 | 7.0 | 6.8 | 6.0 | 6.0 | 8.0 | 18,19 | 4,4 | 16 | 3,6 | 5.7 |
| 7.4 | 7.8 | 9.0 | 10.0 | 10,5 | 10.0 | 9.5 | 9.5 | 9.0 | 10.5 | 20 | 6.0 | 0,1 | 4,5 | 8.0 |
| 9.5 | 11.0 | 11.0 | 12.0 | 11,5 | 10.5 | 10.0 | 10.0 | 10.0 | 12.0 | 19 | 7.8 | 6 | 4,2 | 9.6 |
| 10.5 | 10.0 | 12.0 | 12.0 | 11,8 | 11.0 | 11.0 | 10.0 | 9.5 | 12.0 | 18,19 | 7.8 | varios | 4.2 | 10.1 |
| 15.0 | 15.0 | 15.5 | 14.5 | 14.6 | 14.0 | 13.5 | 13.0 | 12.5 | 15.5 | 18 | 8.5 | 6,7 | 7.0 | 12.1 |
| 11.0 | 11.5 | 14.0 | 12.0 | 13,6 | 13.0 | 13.5 | 13.0 | 13.0 | 14,4 | 8 | 10.5 | 7 | 3.9 | 12,8 |
| 12.5 | 12,5 | 12.5 | 12.0 | 12,4 | 12.0 | 11.5 | 11.5 | 11.0 | 13.0 | varios | 11.0 | 24 | 2,0 | 12,2 |
| 12,5 | 12,0 | 11.5 | 11,5 | 11,2 | 11.0 | 10.5 | 11.0 | 11.0 | 13.4 | 14 | 10.5 | 22 | 2.9 | 12.0 |
| 12.5 | 13.0 | 13.0 | 13.0 | 13,1 | 13.0 | 13.0 | 13.0 | 13.0 | 13.1 | 20 | 10.0 | 3,5 | 3.1 | 11,8 |
| 15.5 | 14.5 | 15.0 | 15.0 | 15.6 | 14.5 | 15.5 | 15.5 | 15.5 | 16.5 | 12,13 | 13.0 | varios | 3.5 | 14.8 |
| 11.0 | 11.0 | 11.0 | 10.0 | 10,9 | 10.0 | 9.5 | 8.0 | 7.8 | 18.0 | 12 | 7.8 | 24 | 10,2 | 13.9 |
| 3.6 | 4.2 | 4.8 | 6.0 | 6,2 | 5.4 | 5.8 | 5.8 | 5.8 | 7.8 | 0 | 3.6 | 16 | 4.2 | 5,9 |
| 5.2 | 6.4 | 7.6 | 7.6 | 7,8 | 7,0 | 7.2 | 7.2 | 6.8 | 7.8 | 20 | 5.0 | 4,5 | 2.8 | 6.1 |
| 6.4 | 6.8 | 8.0 | 8.5 | 8,7 | 8.0 | 7.6 | 7.4 | 6.6 | 8.7 | 20 | 6,0 | 7 | 2,7 | 7.1 |
| 9.5 | 10.5 | 11.0 | 10.0 | 10.8 | 10.0 | 10.0 | 11.0 | 10.0 | 11.0 | 18,23 | 6.6 | 0 | 4.4 | 8.7 |
| 12.5 | 14.0 | 13.0 | 12.5 | 13,0 | 12.0 | 11.5 | 10.0 | 11.5 | 14.0 | 17 | 9,5 | varios | 4.5 | 11.4 |
| 11.5 | 11.0 | 11.0 | 12.0 | 12,0 | 11.5 | 11.5 | 10.5 | 11.5 | 13.3 | 14 | 10.5 | 23 | 2,8 | 11.5 |
| 12.0 | 13.5 | 13.5 | 12.5 | 13,5 | 12.5 | 12.0 | 12.5 | 12.0 | 13.5 | varios | 10,5 | 11 | 3.0 | 11.8 |
| 12.5 | 12.0 | 13.0 | 13.5 | 13,0 | 13.5 | 13.5 | 13.5 | 12.5 | 13.5 | varios | 10,0 | varios | 3.5 | 12,1 |
| 11.0 | 10.0 | 11.0 | 10.0 | 8.9 | 9.0 | 9.0 | 8.5 | 8.0 | 14.5 | 11 | 8.0 | 24 | 6.5 | 10.9 |
| 12.0 | 13.0 | 12.5 | 12.5 | 12,1 | 12.0 | 11.5 | 11.5 | 10,5 | 13,0 | 17 | 7.0 | 6,7 | 6.0 | 9.7 |
| 7.8 | 7,2 | 8.0 | 8.5 | 8,2 | 8.5 | 9.0 | 9.0 | 8.5 | 14.0 | 9,10 | 7.2 | 17 | 6.8 | 9.9 |
| 10,0 | 10.0 | 10.0 | 9.5 | 9,0 | 9.0 | 8,0 | 8.0 | 7.4 | 10.0 | varios | 6.4 | 7 | 3.6 | 8.3 |
| 9,5 | 10.0 | 10.5 | 11.0 | 11,4 | 11.0 | 10.5 | 10.5 | 11.0 | 11.4 | 20 | 6,0 | 7 | 5.4 | 9.0 |
| 9,5 | 11.5 | 11.0 | 10.5 | 9.9 | 9.0 | 8.5 | 8.0 | 8.0 | 11.5 | 17 | 7.2 | 7 | 4.3 | 9.0 |
| 10.5 | 11,5 | 11.5 | 12.0 | 13.5 | 13.0 | 12.0 | 11.0 | 11.0 | 13,5 | 20 | 7.4 | varios | 6.1 | 10.3 |
| 13.5 | 14.5 | 13.5 | 13.0 | 13.2 | 12.5 | 12.0 | 11.0 | 10.5 | 14,5 | 17 | 9.0 | 6,7 | 5.5 | 11.7 |
| 6.4 | 7.0 | 8.0 | 8.0 | 8.4 | 7.6 | 7.6 | 7.2 | 7.2 | 10.5 | 0 | 5.6 | 15 | 4.9 | 7.8 |
| 9.0 | 9.0 | 9.5 | 10.5 | 11.4 | 11.0 | 11.0 | 11.0 | 11.0 | 11,4 | 20 | 7.2 | 0,3 | 4.2 | 9.0 |
| 13.0 | 12.5 | 13.0 | 13.5 | 13.3 | 12.5 | 12.5 | 12.0 | 11.0 | 14.0 | 14 | 11.0 | varios | 3.0 | 12.5 |
| 10.3 | 10.6 | 11.1 | 11.0 | 11.2 | 10.7 | 10.5 | 10.2 | 10.0 | 12.4 | | 8.0 | | 4.4 | 10.2 |

# VIENTO

DIRECCION Y VELOCIDAD; PREVALENCIAS

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

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTANEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| SW | 18 | SW | 11 | SW | 7 | W | 5 | W | 6 | NW | 7 | NW | 6 | NW | 9 | NW | 11 | W | 11 | 12 | 28 | SW | 11.16 |
| NW | 20 | NW | 19 | N | 15 | N | 11 | N | 8 | N | 7 | N | 8 | N | 6 | NW | 11 | NW | 16 | 13 | - | - | - |
| N | 23 | N | 18 | N | 12 | N | 8 | N | 8 | N | 5 | N | 8 | N | 9 | N | 7 | N | 24 | 15 | - | - | - |
| N | 10 | N | 8 | N | 7 | NE | 8 | NE | 9 | NE | 7 | E | 5 | E | 5 | E | 5 | N | 18 | 9 | - | - | - |
| S | 5 | S | 9 | S | 7 | S | 6 | SE | 7 | SE | 10 | E | 11 | E | 10 | E | 13 | S | 11 | 6 | 18 | SE | 22.18 |
| C | 1 | NW | 2 | NE | 7 | NE | 9 | NE | 8 | NE | 8 | NE | 9 | NE | 7 | NE | 10 | NE | 9 | 6 | 13 | N | 13.08 |
| E | 9 | SE | 7 | S | 7 | S | 10 | S | 7 | S | 9 | SE | 7 | SE | 4 | SE | 5 | S | 12 | 8 | 30 | SW | 2.44 |
| E | 19 | E | 15 | E | 12 | E | 17 | SE | 17 | SE | 13 | SE | 12 | SE | 11 | SE | 8 | S | 12 | 12 | 30 | E | 14.42 |
| E | 13 | SE | 2 | SE | 5 | S | 5 | SE | 9 | E | 10 | E | 9 | E | 17 | E | 18 | E | 17 | 13 | 34 | NE | 10.23 |
| E | 16 | E | 10 | E | 10 | E | 11 | E | 11 | E | 12 | E | 13 | E | 11 | E | 12 | NE | 12 | 13 | 34 | NE | 1.34 |
| S | 34 | S | 31 | S | 19 | S | 14 | S | 10 | S | 10 | S | 19 | S | 21 | S | 17 | S | 10 | 15 | 102 | S | 14.42 |
| SW | 23 | SW | 16 | SW | 9 | SW | 7 | SW | 6 | SW | 8 | SW | 10 | SW | 7 | SW | 3 | SW | 23 | 12 | 32 | S | 0.05 |
| N | 12 | N | 11 | N | 7 | NE | 10 | NE | 9 | N | 8 | N | 8 | N | 9 | N | 9 | N | 20 | 10 | 28 | N | 10.42 |
| NE | 17 | NE | 12 | NE | 8 | NE | 6 | E | 9 | E | 10 | E | 10 | E | 12 | E | 12 | NE | 12 | 12 | 30 | N | 10.58 |
| SE | 8 | SE | 7 | E | 3 | E | 9 | E | 10 | E | 8 | E | 9 | SE | 9 | E | 8 | E | 11 | 10 | 18 | NE | 10.18 |
| S | 9 | S | 2 | S | 2 | S | 7 | S | 7 | S | 9 | S | 6 | SE | 6 | S | 6 | S | 15 | 5 | 18 | S | 18.51 |
| S | 17 | S | 11 | S | 12 | SW | 12 | SW | 13 | SW | 11 | SW | 9 | SW | 9 | SW | 9 | S | 15 | 11 | 36 | S | 9.05 |
| E | 9 | SE | 9 | SE | 9 | SE | 8 | S | 11 | S | 10 | S | 11 | S | 9 | S | 8 | S | 10 | 12 | 27 | SE | 5.05 |
| E | 13 | E | 10 | N | 8 | N | 5 | N | 9 | NE | 11 | N | 11 | N | 10 | N | 11 | E | 9 | 12 | 36 | E | 9.00 |
| S | 14 | S | 9 | S | 6 | S | 6 | S | 9 | S | 7 | SE | 5 | SE | 4 | SE | 4 | S-W | 8 | 10 | 32 | W | 11.24 |
| W | 2 | NE | 5 | NE | 7 | N | 4 | N | 5 | N | 4 | N | 4 | N | 8 | N | 8 | N | 8 | 4 | 10 | NW | varios |
| SE | 13 | SE | 11 | SE | 13 | SE | 8 | SE | 10 | E | 7 | E | 7 | E | 6 | E | 5 | SE | 10 | 12 | 28 | S | 9.32 |
| N | 10 | N | 7 | N | 6 | N | 7 | NE | 8 | NE | 8 | NE | 7 | NE | 7 | E | 4 | SE | 8 | 6 | 15 | E | 8.36 |
| N | 6 | N | 9 | N | 8 | N | 11 | NE | 11 | NE | 10 | NE | 11 | NE | 12 | NE | 12 | N | 17 | 9 | 18 | N | varios |
| NW | 7 | C | 1 | C | 0 | C | 1 | NE | 3 | N | 5 | NE | 7 | NE | 6 | NE | 10 | N | 11 | 8 | 40 | NW | 12.38 |
| N | 11 | N | 12 | N | 9 | N | 10 | N | 12 | N | 11 | N | 12 | N | 13 | N | 10 | N | 23 | 10 | 24 | N | 11.13 |
| N | 8 | N | 2 | S | 6 | S | 9 | S | 9 | S | 9 | SE | 7 | SE | 6 | SE | 5 | N | 10 | 6 | 23 | S | 15.04 |
| E | 6 | E | 3 | NE | 4 | E | 3 | E | 5 | E | 6 | E | 7 | E | 7 | E | 9 | E | 23 | 6 | 17 | E | 10.46 |
| N | 15 | N | 11 | NE | 8 | NE | 11 | NE | 10 | NE | 12 | NE | 10 | NE | 12 | NE | 12 | N | 11 | 13 | 36 | N | 9.07 |
| SW | 9 | W | 8 | W | 9 | W | 7 | W | 8 | W | 8 | W | 11 | W | 11 | W | 11 | W | 11 | 8 | 20 | W | 10.22 |
| N | | N | | N | | N-S | | NE | | Vª | | E | | E | | E | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MÁXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | DIR. | HORAS | | 98 Km. | | |
| 8 | | 8 | | 8 | | 7 | | 7 | | 6 | | 8 | | 7 | | 9 | | | | | DIREC. | DÍA | HORA |
| | | | | | | | | | | | | | | | | | | N | 183 | 10 | | | |
| | 13 | | 10 | | 8 | | 8 | | 9 | | 9 | | 9 | | 9 | | 9 | | | | S | 11 | de 14.30 a 14.35 |

# FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

| DÍAS | NORTE | | NORESTE | | ESTE | | SUDESTE | | SUD | | SUDOESTE | | OESTE | | NOROESTE | | Calma | TOTALES DIARIOS DE KILÓMETROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | |
| 1 | | | | | | | | | | | 9 | 163 | 11 | 106 | 4 | 33 | | 302 |
| 2 | 6 | 55 | | | | | | | | | | | 2 | 26 | 16 | 225 | | 306 |
| 3 | 24 | 350 | | | | | | | | | | | | | | | | 350 |
| 4 | 18 | 184 | 3 | 24 | 3 | 15 | | | | | | | | | | | | 223 |
| 5 | | | 2 | 8 | 4 | 38 | 2 | 17 | 11 | 68 | 3 | 12 | | | | | 2 | 144 |
| 6 | 6 | 35 | 9 | 68 | 4 | 21 | 3 | 19 | | | | | | | 1 | 2 | 1 | 146 |
| 7 | | | 3 | 33 | 3 | 23 | 5 | 27 | 12 | 96 | 1 | 15 | | | | | | 194 |
| 8 | | | | | 6 | 94 | 6 | 72 | 12 | 111 | | | | | | | | 277 |
| 9 | | | 3 | 66 | 17 | 229 | 3 | 16 | 1 | 5 | | | | | | | | 316 |
| 10 | 2 | 28 | 12 | 169 | 10 | 118 | | | | | | | | | | | | 315 |
| 11 | 5 | 57 | 1 | 11 | 8 | 75 | | | 10 | 210 | | | | | | | | 353 |
| 12 | | | | | | | | | 1 | 12 | 23 | 270 | | | | | | 282 |
| 13 | 20 | 209 | 2 | 19 | | | | | | | 1 | 4 | | | | | 1 | 233 |
| 14 | 7 | 94 | 12 | 150 | 5 | 53 | | | | | | | | | | | | 297 |
| 15 | | | 10 | 111 | 11 | 98 | 3 | 24 | | | | | | | | | | 233 |
| 16 | | | 2 | 9 | 2 | 12 | 5 | 32 | 15 | 79 | | | | | | | | 132 |
| 17 | | | | | 2 | 33 | 1 | 16 | 15 | 164 | 6 | 63 | | | | | | 276 |
| 18 | | | | | 6 | 74 | 8 | 89 | 10 | 118 | | | | | | | | 281 |
| 19 | 6 | 54 | 1 | 11 | 9 | 144 | 8 | 91 | | | | | | | | | | 300 |
| 20 | 1 | 19 | | | | | 3 | 13 | 8 | 79 | | | 8 | 109 | 4 | 40 | | 250 |
| 21 | 8 | 39 | 2 | 12 | | | 3 | 11 | 2 | 9 | | | 4 | 17 | 2 | 13 | 3 | 102 |
| 22 | | | | | 4 | 25 | 10 | 127 | 2 | 34 | | | 3 | 47 | 5 | 51 | | 284 |
| 23 | 5 | 38 | 4 | 30 | 7 | 46 | 8 | 41 | | | | | | | | | | 155 |
| 24 | 17 | 147 | 5 | 56 | 2 | 8 | | | | | | | | | | | | 211 |
| 25 | 11 | 85 | 4 | 26 | | | | | | | | | 2 | 29 | 4 | 62 | 3 | 204 |
| 26 | 23 | 240 | 1 | 7 | | | | | | | | | | | | | | 247 |
| 27 | 10 | 59 | | | | | 4 | 22 | 8 | 56 | 1 | 7 | 1 | 6 | | | | 150 |
| 28 | | | 1 | 4 | 23 | 135 | | | | | | | | | | | | 139 |
| 29 | 11 | 188 | 7 | 75 | 6 | 57 | | | | | | | | | | | | 320 |
| 30 | 3 | 15 | 5 | 33 | | | | | | | 3 | 25 | 11 | 103 | 2 | 22 | | 198 |
| 31 | | | | | | | | | | | | | | | | | | |
| SUMAS | 183 | 1886 | 89 | 922 | 142 | 1298 | 72 | 617 | 107 | 1041 | 54 | 559 | 42 | 443 | 38 | 448 | 10 | 7220 |
| % PREVAL POR VELOCIDAD | 26.1 | | 12.8 | | 18.0 | | 8.6 | | 14.4 | | 7.7 | | 6.1 | | 6.2 | | 0.8 | VELOCIDAD MEDIA DIARIA EN EL MES |
| VELOCIDAD MEDIA POR DIRECCIÓN | 10 | | 10 | | 9 | | 9 | | 10 | | 10 | | 11 | | 12 | | 1.0 | 241 |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 6 | 4 | 7 | 5 | 4 | 1 | 1 | 2 | - |
| 1 - 2 | 6 | 4 | 5 | 5 | 3 | 1 | 1 | 3 | 2 |
| 2 - 3 | 8 | 4 | 5 | 2 | 5 | 2 | 1 | 3 | - |
| 3 - 4 | 8 | 4 | 4 | 3 | 6 | 1 | 2 | 2 | - |
| 4 - 5 | 7 | 4 | 5 | 4 | 4 | 1 | 2 | 2 | 1 |
| 5 - 6 | 8 | 3 | 5 | 4 | 3 | 2 | 2 | 2 | 1 |
| 6 - 7 | 9 | 3 | 5 | 3 | 3 | 2 | 2 | 2 | 1 |
| 7 - 8 | 9 | 4 | 4 | 3 | 3 | 2 | 3 | 1 | 1 |
| 8 - 9 | 9 | 4 | 5 | 1 | 5 | 1 | 3 | 2 | - |
| 9 - 10 | 10 | 3 | 4 | 1 | 5 | 3 | 2 | 2 | - |
| 10 - 11 | 9 | 3 | 4 | 1 | 6 | 2 | 4 | 1 | - |
| 11 - 12 | 9 | 3 | 4 | 3 | 4 | 2 | 3 | 2 | - |
| 12 - 13 | 9 | 3 | 5 | 3 | 3 | 2 | 3 | 2 | - |
| 13 - 14 | 8 | 2 | 9 | 1 | 4 | 3 | 1 | 2 | - |
| 14 - 15 | 9 | 1 | 9 | 1 | 5 | 3 | 1 | 1 | - |
| 15 - 16 | 8 | 1 | 7 | 2 | 5 | 3 | 1 | 2 | 1 |
| 16 - 17 | 8 | 2 | 4 | 5 | 5 | 2 | 1 | 2 | 1 |
| 17 - 18 | 8 | 5 | 3 | 3 | 7 | 2 | 1 | - | 1 |
| 18 - 19 | 7 | 5 | 4 | 2 | 7 | 2 | 2 | - | 1 |
| 19 - 20 | 5 | 7 | 4 | 4 | 6 | 2 | 2 | - | - |
| 20 - 21 | 6 | 6 | 6 | 2 | 6 | 2 | 1 | 1 | - |
| 21 - 22 | 6 | 5 | 8 | 4 | 3 | 2 | 1 | 1 | - |
| 22 - 23 | 6 | 5 | 7 | 6 | 2 | 2 | 1 | 1 | - |
| 23 - 24 | 5 | 4 | 9 | 4 | 3 | 2 | 1 | 2 | - |
| SUMAS | 183 | 89 | 132 | 72 | 107 | 47 | 42 | 38 | 10 |
| % de frec. por dirección | 25.4 | 12.4 | 18.3 | 10.0 | 14.9 | 6.6 | 5.8 | 5.3 | 1.4 |

# NUBES, VISIBILIDAD

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

# RADIACIÓN SOLAR

| DÍAS | Hora | BULBOS Negro °C | BULBOS Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0 - 8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 2 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 3 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 6 | 4 | 4 | |
| | 14 | | | | 4 | 4 | 4 | |
| | 15 | | | | 4 | 4 | 4 | |
| 4 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 1 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 5 | 5 | 5 | |
| | 15 | | | | 5 | 5 | 5 | |
| 5 | 9 | | | | 7 | 4 | 3 | |
| | 10 | | | | 8 | 2 | 3 | |
| | 12 | | | | 8 | 2 | 3 | |
| | 14 | | | | 8 | 2 | 2 | |
| | 15 | | | | 8 | 2 | 3 | |
| 6 | 9 | | | | 6 | 4 | 3 | Ne. |
| | 10 | | | | 7 | 4 | 3 | Ne. |
| | 12 | | | | 8 | 4 | 4 | B. |
| | 14 | | | | 7 | 4 | 4 | B. |
| | 15 | | | | 5 | 4 | 4 | B. |
| 7 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | LL. |
| | 15 | | | | 8 | 1 | 3 | LL. |
| 8 | 9 | | | | 7 | 0 | 3 | |
| | 10 | | | | 8 | 0 | 3 | |
| | 12 | | | | 7 | 3 | 3 | |
| | 14 | | | | 6 | 3 | 3 | Ne. |
| | 15 | | | | 6 | 3 | 3 | Ne. |
| 9 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 7 | 1 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 10 | 9 | | | | 7 | 0 | 4 | |
| | 10 | | | | 8 | 3 | 4 | |
| | 12 | | | | 7 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 3 | 5 | 5 | |
| 11 | 9 | | | | 6 | 3 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 7 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 3 | LL. |
| 12 | 9 | | | | 4 | 4 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 2 | 5 | 5 | |
| | 14 | | | | 1 | 5 | 5 | |
| | 15 | | | | 1 | 5 | 5 | |
| 13 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 14 | 9 | | | | 1 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 1 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 15 | 9 | | | | 3 | 5 | 4 | |
| | 10 | | | | 3 | 5 | 4 | |
| | 12 | | | | 3 | 5 | 4 | |
| | 14 | | | | 4 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 4 | |
| 16 | 9 | | | | 7 | 3 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 6 | 4 | 4 | |
| | 14 | | | | 6 | 4 | 4 | |
| | 15 | | | | 7 | 3 | 4 | |
| 17 | 9 | | | | 8 | 0 | 3 | |
| | 10 | | | | 6 | 3 | 3 | |
| | 12 | | | | 7 | 3 | 3 | |
| | 14 | | | | 5 | 3 | 3 | |
| | 15 | | | | 7 | 3 | 3 | |
| 18 | 9 | | | | 3 | 3 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 6 | 5 | 5 | |
| | 14 | | | | 5 | 3 | 5 | |
| | 15 | | | | 2 | 5 | 5 | |
| 19 | 9 | | | | 8 | 4 | 4 | |
| | 10 | | | | 8 | 4 | 4 | |
| | 12 | | | | 8 | 4 | 4 | |
| | 14 | | | | 6 | 4 | 4 | |
| | 15 | | | | 8 | 4 | 4 | |
| 20 | 9 | | | | 3 | 5 | 4 | Ne. |
| | 10 | | | | 2 | 5 | 4 | B. |
| | 12 | | | | 5 | 3 | 4 | B. |
| | 14 | | | | 6 | 4 | 4 | |
| | 15 | | | | 4 | 4 | 4 | |
| 21 | 9 | | | | 4 | 3 | 3 | |
| | 10 | | | | 4 | 5 | 3 | |
| | 12 | | | | 6 | 4 | 3 | |
| | 14 | | | | 8 | 4 | 3 | |
| | 15 | | | | 8 | 4 | 3 | |
| 22 | 9 | | | | 1 | 5 | 5 | |
| | 10 | | | | 1 | 5 | 5 | |
| | 12 | | | | 1 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 23 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 2 | 4 | 3 | |
| | 15 | | | | 5 | 4 | 3 | B. |
| 24 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 2 | 5 | 5 | |
| | 12 | | | | 4 | 5 | 5 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 25 | 9 | | | | 8 | 4 | 3 | |
| | 10 | | | | 8 | 2 | 3 | |
| | 12 | | | | 8 | 2 | 3 | |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 26 | 9 | | | | 5 | 5 | 4 | |
| | 10 | | | | 5 | 5 | 4 | |
| | 12 | | | | 6 | 5 | 4 | |
| | 14 | | | | 5 | 5 | 4 | |
| | 15 | | | | 5 | 5 | 4 | |
| 27 | 9 | | | | 8 | 4 | 4 | |
| | 10 | | | | 8 | 4 | 4 | |
| | 12 | | | | 5 | 3 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 28 | 9 | | | | 8 | 4 | 4 | Ne. |
| | 10 | | | | 7 | 4 | 4 | B. |
| | 12 | | | | 7 | 4 | 4 | B. |
| | 14 | | | | 8 | 4 | 4 | B. |
| | 15 | | | | 8 | 4 | 3 | B. |
| 29 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 7 | 4 | 4 | |
| | 12 | | | | 7 | 4 | 4 | |
| | 14 | | | | 7 | 4 | 4 | |
| | 15 | | | | 7 | 4 | 4 | |
| 30 | 9 | | | | 7 | 3 | 4 | |
| | 10 | | | | 5 | 3 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 31 | 9 | | | | | | | |
| | 10 | | | | | | | |
| | 12 | | | | | | | |
| | 14 | | | | | | | |
| | 15 | | | | | | | |

## HELIOFANÍA

| DÍAS \ HORAS | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | N.EFECTIVA | N.TEÓR.ASTRON | N.RELATIVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | 10.9 | 11.6 | 94 |
| 2 | | 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 | 11.6 | 92 |
| 3 | | | | 0.7 | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | 8.4 | 11.5 | 73 |
| 4 | | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | 8.8 | 11.5 | 76 |
| 5 | | | | 1.0 | 0.8 | 0.6 | 0.3 | 0.4 | 0.5 | 0.9 | | | | | 4.5 | 11.5 | 39 |
| 6 | | | | 0.5 | 1.0 | 1.0 | 0.8 | 0.7 | 0.9 | 0.9 | 1.0 | 1.0 | | | 7.8 | 11.4 | 68 |
| 7 | | | | | | | | | | | | | | | 0.0 | 11.4 | 00 |
| 8 | | | | | | | 0.2 | | 0.1 | 0.4 | | | | | 0.7 | 11.4 | 06 |
| 9 | | | | | | 0.1 | 0.1 | | | | | | | | 0.2 | 11.3 | 02 |
| 10 | | | | | 0.4 | 1.0 | 0.4 | 0.6 | 0.5 | 0.7 | 1.0 | 1.0 | | | 5.6 | 11.3 | 50 |
| 11 | | | | | 0.3 | 0.4 | 0.5 | 0.2 | 0.5 | | | | | | 1.9 | 11.3 | 17 |
| 12 | | | | | 0.6 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | 7.7 | 11.2 | 69 |
| 13 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | 9.8 | 11.2 | 88 |
| 14 | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | 10.0 | 11.1 | 90 |
| 15 | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 9.0 | 11.1 | 81 |
| 16 | | | 0.3 | 0.7 | 0.3 | 1.0 | 1.0 | 1.0 | 0.8 | 0.7 | 0.3 | | | | 6.1 | 11.1 | 55 |
| 17 | | | | | | 1.0 | 0.9 | 0.3 | 0.5 | 1.0 | | | | | 3.7 | 11.0 | 34 |
| 18 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 1.0 | 1.0 | 1.0 | 0.7 | | | 9.0 | 11.0 | 82 |
| 19 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 1.0 | 1.0 | 1.0 | 0.2 | | | 8.4 | 11.0 | 76 |
| 20 | | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.8 | | | 8.6 | 10.9 | 79 |
| 21 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | | | 7.9 | 10.9 | 72 |
| 22 | | | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | 9.6 | 10.9 | 88 |
| 23 | | | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.4 | | | 8.9 | 10.8 | 82 |
| 24 | | | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | | | 9.0 | 10.8 | 83 |
| 25 | | | | | 0.1 | 0.1 | 0.3 | 0.3 | | | 0.9 | 0.3 | | | 2.0 | 10.8 | 18 |
| 26 | | | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | | | 9.0 | 10.8 | 83 |
| 27 | | | | 0.2 | 0.7 | 0.7 | 0.7 | 0.8 | 0.2 | | | | | | 3.3 | 10.7 | 31 |
| 28 | | | | 0.6 | 0.7 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 7.2 | 10.7 | 67 |
| 29 | | | | | 0.1 | 0.1 | 0.2 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | | | 5.0 | 10.7 | 47 |
| 30 | | | | | | 0.4 | 0.1 | | | | | | | | 0.5 | 10.6 | 05 |
| 31 | | | | | | | | | | | | | | | | | |
| Medias | | 0.0 | 0.3 | 0.6 | 0.6 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 | 0.7 | 0.5 | 0.1 | | 6.5 | 11.1 | 58 |

## GEOTEMPERATURA

| DÍAS | 0.05 m. | | | 0.10 m. | | | 0.20 m. | | | 0.30 m. | | | 0.40 m. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ | $8^h$ | $14^h$ | $20^h$ |
| 1 | 9.2 | 24.2 | 14.3 | 13.5 | 17.3 | 17.7 | 17.1 | 17.1 | 18.3 | 19.1 | 18.7 | 18.6 | 20.1 | 20.2 | 19.5 |
| 2 | 11.4 | 25.3 | 17.0 | 14.4 | 19.3 | 19.4 | 17.0 | 17.7 | 18.9 | 18.6 | 18.6 | 18.7 | 19.6 | 19.8 | 19.3 |
| 3 | 12.3 | 24.6 | 17.2 | 15.3 | 18.8 | 19.5 | 17.6 | 18.0 | 19.0 | 19.0 | 18.8 | 18.8 | 19.6 | 19.8 | 19.4 |
| 4 | 12.6 | 26.5 | 18.3 | 15.4 | 19.8 | 20.3 | 17.8 | 18.2 | 19.6 | 18.6 | 19.0 | 19.2 | 19.5 | 20.0 | 19.3 |
| 5 | 14.6 | 26.2 | 19.6 | 16.7 | 20.4 | 20.7 | 18.4 | 18.8 | 19.8 | 19.4 | 19.4 | 19.4 | 19.2 | 20.2 | 19.7 |
| 6 | 16.6 | 27.6 | 20.5 | 18.4 | 21.6 | 22.0 | 19.4 | 19.8 | 20.4 | 19.8 | 19.8 | 20.2 | 19.8 | 20.3 | 20.0 |
| 7 | 17.2 | 17.8 | 17.0 | 18.8 | 18.7 | 19.2 | 19.8 | 19.4 | 18.5 | 20.2 | 19.8 | 19.7 | 20.3 | 20.1 | 20.0 |
| 8 | 16.6 | 20.5 | 16.8 | 17.5 | 18.9 | 18.7 | 18.5 | 18.7 | 19.1 | 19.4 | 19.6 | 19.4 | 19.7 | 19.9 | 19.6 |
| 9 | 15.6 | 18.2 | 17.4 | 16.7 | 18.2 | 18.4 | 18.2 | 18.2 | 18.6 | 19.1 | 18.8 | 18.8 | 19.6 | 19.5 | 19.4 |
| 10 | 18.0 | 22.8 | 19.8 | 18.4 | 20.3 | 20.7 | 18.5 | 19.1 | 19.8 | 19.0 | 19.2 | 19.4 | 19.4 | 19.6 | 19.5 |
| 11 | 19.4 | 25.2 | 16.0 | 19.5 | 21.8 | 19.4 | 19.6 | 20.1 | 20.1 | 19.7 | 20.0 | 19.8 | 19.8 | 20.2 | 19.8 |
| 12 | 11.6 | 21.6 | 13.3 | 15.3 | 17.6 | 16.6 | 18.0 | 17.6 | 18.8 | 19.2 | 18.7 | 18.4 | 19.5 | 19.7 | 19.0 |
| 13 | 8.6 | 20.8 | 14.0 | 12.6 | 16.0 | 16.5 | 16.0 | 15.8 | 16.8 | 17.8 | 17.5 | 17.4 | 18.7 | 18.9 | 18.3 |
| 14 | 10.2 | 18.8 | 13.6 | 13.2 | 16.3 | 16.3 | 15.7 | 15.9 | 16.7 | 17.4 | 17.3 | 17.1 | 18.2 | 18.5 | 17.8 |
| 15 | 10.8 | 20.4 | 16.0 | 13.5 | 16.7 | 17.4 | 15.5 | 16.0 | 17.1 | 17.2 | 17.0 | 17.2 | 18.0 | 18.3 | 17.9 |
| 16 | 14.0 | 23.8 | 18.6 | 15.4 | 18.9 | 19.2 | 16.6 | 18.1 | 18.2 | 17.5 | 17.6 | 17.7 | 18.2 | 18.4 | 18.1 |
| 17 | 15.8 | 19.8 | 17.0 | 17.7 | 18.4 | 18.2 | 17.7 | 17.8 | 18.0 | 18.2 | 18.2 | 18.2 | 18.4 | 18.7 | 18.5 |
| 18 | 15.6 | 22.0 | 17.4 | 16.6 | 18.2 | 19.2 | 17.5 | 17.9 | 18.7 | 18.4 | 18.4 | 18.3 | 18.5 | 19.0 | 18.5 |
| 19 | 16.5 | 21.5 | 17.6 | 17.8 | 19.0 | 19.2 | 18.4 | 18.0 | 18.6 | 18.4 | 18.5 | 18.8 | 18.7 | 18.9 | 18.6 |
| 20 | 14.8 | 24.1 | 17.5 | 16.6 | 19.7 | 19.5 | 17.9 | 18.2 | 19.1 | 18.5 | 18.5 | 18.5 | 18.9 | 19.2 | 18.6 |
| 21 | 12.2 | 23.4 | 19.6 | 15.3 | 18.7 | 18.6 | 17.4 | 17.6 | 18.0 | 18.4 | 18.3 | 18.6 | 18.7 | 19.1 | 18.5 |
| 22 | 16.4 | 25.1 | 17.4 | 17.3 | 20.1 | 19.5 | 18.1 | 18.4 | 19.2 | 18.6 | 18.6 | 18.6 | 18.9 | 19.2 | 18.9 |
| 23 | 12.0 | 22.6 | 15.4 | 15.4 | 18.0 | 17.8 | 17.8 | 17.4 | 18.1 | 18.5 | 18.3 | 18.2 | 18.8 | 19.2 | 18.5 |
| 24 | 11.4 | 21.9 | 16.5 | 14.5 | 17.7 | 18.2 | 16.8 | 16.8 | 17.9 | 17.7 | 17.7 | 17.7 | 18.5 | 18.7 | 18.2 |
| 25 | 12.8 | 17.8 | 15.0 | 15.3 | 17.2 | 17.2 | 17.0 | 16.8 | 17.3 | 17.7 | 17.6 | 17.5 | 18.2 | 18.3 | 18.0 |
| 26 | 11.8 | 23.2 | 17.4 | 14.2 | 18.7 | 18.6 | 16.1 | 16.6 | 17.6 | 17.3 | 17.5 | 17.8 | 18.0 | 18.3 | 17.8 |
| 27 | 13.8 | 22.0 | 17.4 | 15.8 | 18.6 | 18.5 | 17.0 | 17.2 | 18.0 | 17.7 | 17.6 | 17.7 | 18.0 | 18.2 | 18.0 |
| 28 | 13.0 | 20.8 | 14.6 | 15.4 | 17.4 | 17.3 | 17.0 | 16.9 | 17.4 | 17.7 | 17.6 | 17.4 | 17.9 | 18.3 | 17.6 |
| 29 | 13.6 | 19.0 | 15.6 | 14.8 | 16.5 | 17.0 | 16.2 | 16.3 | 17.0 | 17.2 | 17.2 | 17.1 | 17.7 | 18.0 | 17.6 |
| 30 | 16.2 | 18.9 | 17.4 | 16.4 | 17.6 | 17.8 | 16.7 | 17.0 | 17.4 | 17.4 | 17.3 | 17.4 | 17.7 | 17.7 | 17.6 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 13.8 | 22.2 | 16.8 | 15.9 | 18.6 | 18.6 | 17.5 | 17.7 | 18.4 | 18.4 | 18.4 | 18.4 | 18.9 | 19.1 | 18.7 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | LLUVIA 1.50 m. | LLUVIA 7 m. | LLUVIA 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | EVAPORACIÓN $14^h$ | EVAPORACIÓN $20^h$ | EVAPORACIÓN Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Freatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.4 | 6.7 | 6.1 | - | 0 | 1.7 | 1.2 | 0.6 | 2.3 | | | | | | | |
| 2 | | | | | 2 | 0.5 | 0.5 | 1.8 | 2.8 | LL.16 | 10.1 | 9.4 | 16.9 | 16.4 | 12.2 | |
| 3 | | | | | 1 | 0.5 | 2.9 | 1.5 | 4.4 | | | | | | | |
| 4 | | | | | 0 | 0.0 | 2.2 | 1.4 | 4.1 | | | | | | | |
| 5 | | | | | 0 | 0.5 | 1.6 | 1.0 | 2.8 | | | | | | | |
| 6 | 5.4 | 5.7 | 5.5 | - | 0 | 0.2 | 1.2 | 1.6 | 3.0 | | | | | | | |
| 7 | 0.5 | 0.7 | 0.4 | - | 1 | 0.2 | 0.9 | 1.1 | 2.9 | | | | | | | |
| 8 | | | | | 1 | 0.9 | 2.2 | 1.5 | 5.9 | | | | | | | |
| 9 | | | | | 0 | 2.2 | 1.5 | 1.0 | 3.5 | | | | | | | |
| 10 | 1.1 | 1.9 | 1.4 | - | 0 | 1.0 | 1.9 | 1.4 | 3.7 | | | | | | | |
| 11 | 2.0 | 2.0 | 1.8 | - | 1 | 0.4 | 1.1 | 1.3 | 3.3 | | | | | | | |
| 12 | 23.0 | 23.3 | 22.7 | - | 1 | 0.9 | 0.4 | 0.7 | 1.3 | | | | | | | |
| 13 | 3.0 | 3.4 | 2.7 | - | 2 | 0.2 | 0.2 | 0.1 | 0.4 | | | | | | | |
| 14 | 3.0 | 3.4 | 2.8 | - | 2 | 0.1 | 0.2 | 0.2 | 1.1 | | | | | | | |
| 15 | 4.1 | 6.1 | 5.6 | - | 2 | 0.7 | 0.6 | 0.2 | 1.4 | | | | | | | |
| 16 | | | | | 2 | 0.6 | 1.1 | 2.0 | 5.2 | | | | | | | |
| 17 | 10.7 | 11.2 | 11.0 | - | 2 | 2.1 | 0.2 | 0.3 | 0.9 | | | | | | | |
| 18 | | | | | 2 | 0.4 | 0.9 | 0.8 | 1.8 | | | | | | | |
| 19 | 0.5 | 0.7 | 0.5 | - | 2 | 0.1 | 0.6 | 0.7 | 1.5 | | | | | | | |
| 20 | | | | | 2 | 0.2 | 1.2 | 1.0 | 2.4 | | | | | | | |
| 21 | | | | | 1 | 0.2 | 1.5 | 1.0 | 3.0 | | | | | | | |
| 22 | 0.0 | 0.2 | 0.0 | - | 1 | 0.5 | 0.7 | 0.6 | 1.7 | | | | | | | |
| 23 | | | | | 1 | 0.4 | 0.5 | 0.5 | 1.5 | | | | | | | |
| 24 | | | | | 0 | 0.5 | 1.2 | 1.0 | 4.2 | | | | | | | |
| 25 | 1.2 | 1.6 | 1.4 | - | 0 | 2.0 | 1.1 | 0.9 | 2.4 | | | | | | | |
| 26 | | | | | 2 | 0.4 | 0.2 | 0.4 | 0.6 | | | | | | | |
| 27 | 4.5 | 4.5 | 4.1 | - | 1 | 0.0 | 0.7 | 0.8 | 2.0 | LL.21 | 18.0 | 15.9 | 18.4 | | | |
| 28 | 6.4 | 6.9 | 6.6 | - | 2 | 0.5 | 0.1 | 0.1 | 0.5 | | | | | | | |
| 29 | 1.8 | 2.4 | 1.9 | - | 2 | 0.3 | 0.8 | 0.2 | 1.1 | | | | | | | |
| 30 | | | | | 2 | 0.1 | 0.8 | 0.8 | 1.9 | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| Prom. | 73.6 | 80.7 | 74.5 | - | - | 0.5 | 1.0 | 0.9 | 2.4 | | | | | | | |

| 0.50 m. $8^h$ | 0.50 m. $14^h$ | 0.50 m. $20^h$ | 1 m. $8^h$ | 1 m. $14^h$ | 1 m. $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 23.4 | 23.4 | 23.4 | 21.6 | | 16.3 | Cn. m. t. y n., LL. t. y n., R. n. |
| - | - | - | 23.1 | 23.1 | 23.1 | 21.7 | | 8.8 | Cn. m. y t., Ca. n., LL. m. |
| - | - | - | 23.0 | 23.0 | 23.0 | 21.7 | | - 2.3 | Ca. m. t. y n., h. m., r. n. |
| - | - | - | 22.6 | 22.7 | 22.7 | 21.7 | | - 1.1 | Ca. m., Cn. t. y n., r. m. |
| - | - | - | 22.4 | 22.5 | 22.4 | 21.7 | | 0.9 | Ca. m. y n., Cn. t., r. m., B. t. |
| - | - | - | 22.2 | 22.2 | 22.2 | 21.7 | | 2.3 | Cn. m., Ca. t. y n., N. m. y n., N. m., Ne. n. |
| - | - | - | 22.0 | 22.0 | 22.0 | 21.7 | | 4.4 | Cn. m. y t., Ca. n., LL. m. t. y n., Ne. m. |
| - | - | - | 21.7 | 21.8 | 21.8 | 21.7 | | 8.9 | Ca. m. t. y n., r. m. |
| - | - | - | 21.6 | 21.6 | 21.6 | 21.6 | | 10.4 | Cn. m. y t., Ca.n., r.m. y n.,Ne. n. |
| - | - | - | 21.6 | 21.6 | 21.6 | 21.6 | | 11.5 | Ca. m. y n., Cn. t., r. m., Ru. n. |
| - | - | - | 21.5 | 21.6 | 21.6 | 21.6 | | 9.5 | Ca. m. t. y n., Ne. m., B. t. |
| - | - | - | 21.4 | 21.4 | 21.4 | 21.5 | | 12.8 | Cn. m. t. y n., LL. m. y n., Ne. m. |
| - | - | - | 21.4 | 21.4 | 21.4 | 21.5 | | 13.9 | Cn. m. t. y n., LL. m., Z. m. t. y n. |
| - | - | - | 21.3 | 21.3 | 21.3 | 21.5 | | 15.3 | Cn. m. t. y n., Z. m. t. y n., Tv. LL. t. |
| - | - | - | 21.2 | 21.2 | 21.2 | 21.4 | | 12.9 | Cn. m. t. y n., Tv. Z. m. t. y n. |
| - | - | - | 21.0 | 21.1 | 21.1 | 21.4 | | 9.2 | Ca. m. y n., Cn. t. |
| - | - | - | 20.8 | 20.8 | 20.8 | 21.4 | | 4.9 | Cn. m. t. y n., Ne. m. y t., LL.t. |
| - | - | - | 20.7 | 20.7 | 20.7 | 21.4 | | 13.8 | Cn. m. y t., Ca. n., LL. Z. Ne. m., r. n. |
| - | - | - | 20.6 | 20.6 | 20.6 | 21.3 | | 4.7 | Ca. m. y n., Cn. t., N. m., Ne. m. y t.,CH. t. |
| - | - | - | 20.5 | 20.5 | 20.5 | 21.3 | | 4.8 | Ca. m. y n., Cn. t., r. m. y n. |
| - | - | - | 20.4 | 20.4 | 20.4 | 21.2 | | 6.1 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 20.3 | 20.3 | 20.3 | 21.1 | | 8.8 | Cn. m. t. y n., r. m. |
| - | - | - | 20.2 | 20.2 | 20.2 | 21.0 | | 10.2 | Cn. m. y t., Ca. n., Ne. m. |
| - | - | - | 20.1 | 20.1 | 20.1 | 21.0 | | 0.7 | Ca. m. y n., Cn. t., r. m. |
| - | - | - | 20.1 | 20.1 | 20.1 | 21.0 | | 7.3 | Cn. m. t. y n. |
| - | - | - | 20.0 | 20.0 | 20.0 | 21.0 | | 9.2 | Cn. m. y t., Ca. n., LL. m., r. n. |
| - | - | - | 19.9 | 19.9 | 19.9 | 20.8 | | 3.3 | Cn. m. t. y n., N. m., Ne. m. y t. |
| - | - | - | 19.9 | 19.8 | 19.7 | 20.8 | | 11.2 | Cn. m. t. y n., LL. m. y t., CH. t. y n. |
| - | - | - | 19.6 | 19.6 | 19.6 | 20.8 | | 4.3 | Ca. m. y t., Cn. t., r. m., LL. t. y n. |
| - | - | - | 19.4 | 19.4 | 19.3 | 20.7 | | 2.6 | Ca. m. t. y n., r. m. y t. |
| - | - | - | 21,1 | 21.1 | 21.1 | 21.4 | - | 7.5 | |

## 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 | 58.3 | 61.9 | 1 | varios | 53.9 | 10 | 18 | 17.1 | 23.4 | 11.4 | 27.0 | 6 | 16 | 4.2 | 1 | 6,7 | 5.8 | 11.4 | 50 |
| 2ª | 62.4 | 66.8 | 14 | 10 | 49.0 | 11 | 14-15 | 15.4 | 22.2 | 9.4 | 26.3 | 11 | 13-14 | 2.2 | 13 | 4 | 7.4 | 11.1 | 67 |
| 3ª | 60.3 | 66.8 | 29 | 8 | 54.3 | 30 | 18 | 15.3 | 21.9 | 8.5 | 25.7 | 21 | 15-16 | 4.4 | 24 | 7 | 6.2 | 10.8 | 58 |
| MES | 60.3 | 66.8 | 14; 29 | 10;8 | 49.0 | 11 | 14-15 | 16.0 | 22.5 | 9.8 | 27.0 | 6 | 16 | 2.2 | 13 | 4 | 6.5 | 11.1 | 58 |

| DÉCADA | HUMEDAD DEL AIRE | | | | | | | | VIENTO | | | | | | | | | | LLUVIA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Humedad Relativa | | | | | Tensión del Vapor | | | Dirección Prevalente | Velocidad Media | Veloc. Medias Máximas | | | | | Instantáneas | | | | | | | | |
| | Media | Máxima | Día | Mínima | Día | Media | Máxima | Mínima | | | Diaria | Día | Horaria | Día | Hora | Velocidad Máxima | Dirección | Día | Hora | Total | Máxima en 24 horas | Día | Máxima en 1 hora | Día | Hora |
| | % | % | | % | | mm. mb. | mm. mb. | mm. mb. | | Km/h | Km/h | | Km/h | | | Km/h | | | | mm. | mm. | | mm. | | |
| 1ª | 79 | 100 | 4,6 | 23 | 1 | 10.9 | 16.5 | 4.4 | N | 12 | 60 | 3 | 27 | 3 | 11-12 | 34 | NE | 9,10 | 10,23 1.34 | 19.3 | 11.3 | 6 | - | - | - |
| 2ª | 78 | 100 | varios | 29 | 12 | 9.9 | 18.0 | 3.6 | S | 11 | 98 | 11 | 35 | 11 | 14-15 | 102 | S | 11 | 14.42 | 21.8 | 21.8 | 11 | - | - | - |
| 3ª | 80 | 100 | varios | 33 | 28 | 9.7 | 14.5 | 5.6 | N | 9 | 60 | 25, 29 | 24 | 25 | 12-13 | 40 | NW | 25 | 12.38 | 0.3 | 0.3 | 27 | - | - | - |
| MES | 79 | 100 | varios | 23 | 1 | 10.2 | 18.0 | 3.6 | N | 10 | 98 | 11 | 35 | 11 | 14-15 | 102 | S | 11 | 14.42 | 41.4 | 21.8 | 11 | - | - | - |

## FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

| DÉCADA | FENÓMENOS DE SUPERFICIE | | | | | FENÓMENOS ÓPTICOS | | | | | | CIELO | | TEMPERATURAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rocío | Escarcha | Granizada blanda | Granizada dura | Suelo cubierto de nieve | Halo solar | Halo lunar | Corona solar | Corona lunar | Arco iris | Espejismo | Despejado | Cubierto | 0° | 25° | 35° |
| 1ª | 5 | - | - | - | - | - | - | - | - | - | - | 2 | 3 | - | 6 | - |
| 2ª | 7 | 1 | - | - | - | - | - | - | - | - | - | 3 | 3 | - | 2 | - |
| 3ª | 6 | - | - | - | - | - | 2 | - | 1 | - | - | 1 | 5 | - | 1 | - |
| MES | 18 | 1 | - | - | - | - | 2 | - | 1 | - | - | 6 | 11 | - | 9 | - |

MAYO

## POTENCIAL ATMOSFÉRICO en V/M.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62 | 48 | 41 | 48 | 69 | 62 | 55 | 34 | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | 179 | 179 | 145 | 138 | 124 | 110 | 83 |
| 3 | 41 | 34 | 34 | 14 | 7 | 21 | 21 | 41 | 62 | 90 | 97 | 83 | 117 | 110 | 83 |
| 4 | 14 | 21 | 7 | 14 | 21 | 41 | 41 | 14 | 21 | 34 | - 28 | 28 | 48 | 55 | 62 |
| 5 | 41 | 34 | 34 | 28 | 34 | 41 | 69 | 69 | 41 | 28 | 28 | 28 | 55 | 90 | 69 |
| 6 | 48 | 41 | 28 | 28 | 21 | - | - | 55 | 41 | 48 | 28 | - 21 | 7 | 7 | 21 |
| 7 | 28 | 34 | 28 | 28 | 34 | 41 | 21 | 28 | 28 | - 7 | - 14 | 14 | 14 | - 21 | 14 |
| 8 | 21 | 21 | 14 | 21 | 14 | 21 | 14 | 7 | - 28 | - 41 | -138 | -138 | - 34 | 14 | 14 |
| 9 | 55 | 41 | 28 | - | - | - | - | - 21 | - 34 | - 28 | - 83 | -117 | - 69 | - 83 | - 83 |
| 10 | 166 | 90 | 69 | 55 | 41 | 41 | 41 | 55 | 55 | 48 | 48 | 41 | 41 | 55 | 83 |
| 11 | 48 | 28 | 21 | - | - | - | - | 41 | 48 | 48 | 7 | 14 | 83 | 55 | 62 |
| 12 | - | - | - | - | - | - | - | - | 124 | 138 | 186 | 172 | 159 | 152 | 138 |
| 13 | 28 | 28 | 34 | 55 | 55 | 48 | 62 | 48 | 21 | 28 | 14 | 21 | 41 | 48 | 69 |
| 14 | - | 34 | 34 | 21 | - 14 | 34 | 83 | 41 | - 69 | 14 | -174 | 76 | 14 | 7 | 62 |
| 15 | 28 | 21 | 28 | 21 | 21 | 28 | 28 | 34 | 28 | 41 | 41 | 48 | 41 | 41 | 69 |
| 16 | 28 | 28 | 34 | 34 | 41 | 28 | 34 | 28 | 28 | 21 | 21 | - 28 | 14 | -210 | 34 |
| 17 | 21 | 34 | 34 | 34 | 34 | 21 | ± ∞ | ± ∞ | ∞ | 124 | ∞ | ∞ | ∞ | - 14 | - 21 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - | 14 | 14 | 21 |
| 19 | 48 | 48 | 55 | 41 | 48 | 62 | 48 | 62 | 83 | 104 | 117 | 55 | 21 | 28 | 41 |
| 20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | - | - | - 28 | - 41 | - 28 | - 14 | 28 | 55 | 76 | - | - | 69 | 48 | - 28 | 28 |
| 22 | 14 | 14 | 21 | 28 | 41 | 41 | 90 | 166 | 193 | 166 | 76 | 83 | 76 | 62 | 83 |
| 23 | - | - | - | - | - | - | - | - | 117 | 97 | 97 | 110 | 69 | 97 | 97 |
| 24 | 90 | 69 | 76 | 76 | 69 | 55 | 55 | 48 | 90 | 83 | 90 | 104 | 83 | 83 | 48 |
| 25 | - | - | - | - | - | - | 28 | 117 | 172 | 166 | 166 | 124 | 83 | 55 | 55 |
| 26 | 69 | 76 | 48 | 41 | 48 | 34 | 41 | 69 | 104 | 90 | 69 | 76 | 76 | 62 | 69 |
| 27 | 117 | 97 | 62 | 69 | 69 | 90 | 104 | 110 | 152 | 124 | 138 | 117 | 97 | 90 | 104 |
| 28 | 97 | 83 | 62 | 76 | 83 | 48 | 62 | 34 | 62 | 90 | 117 | 117 | 110 | 90 | 138 |
| 29 | 152 | 166 | 172 | 152 | 97 | 83 | 69 | 55 | 138 | 138 | 166 | 152 | 117 | 117 | 124 |
| 30 | 110 | 97 | 97 | 97 | 97 | 97 | 90 | 110 | 131 | 138 | 138 | 145 | 117 | 124 | 152 |
| 31 | 104 | 83 | 83 | 83 | 69 | 62 | 62 | 97 | 110 | 110 | 138 | 145 | 138 | 124 | 145 |
| Prom. | 85.3 | 73.0 | 63.3 | 59.0 | 53.2 | 53.2 | 57.0 | 62.6 | 82.2 | 84.6 | 86.6 | 89.1 | 86.9 | 86.9 | 100.0 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | 1.25 | 1.33 | 2.58 | 0.94 | 741 | 621 | 1362 | 1.19 | 1.18 | 1.50 |
| 2 | 0.98 | 0.94 | 1.92 | 1.04 | 635 | 382 | 1017 | 1.66 | 1.08 | 1.72 |
| 3 | 0.83 | 0.86 | 1.69 | 0.98 | 540 | 448 | 988 | 1.21 | 1.07 | 1.34 |
| 4 | 1.13 | 1.13 | 2.26 | 1.00 | 651 | 615 | 1266 | 1.06 | 1.22 | 1.28 |
| 5 | 1.18 | 1.22 | 2.40 | 0.97 | 613 | 577 | 1190 | 1.06 | 1.35 | 1.48 |
| 6 | 0.99 | 1.03 | 2.02 | 0.96 | 568 | 503 | 1071 | 1.13 | 1.22 | 1.43 |
| 7 | 1.08 | 1.08 | 2.16 | 1.00 | 583 | 468 | 1051 | 1.24 | 1.30 | 1.61 |
| 8 | 1.07 | 1.22 | 2.29 | 0.88 | 542 | 522 | 1064 | 1.04 | 1.38 | 1.64 |
| 9 | 1.47 | 1.65 | 3.12 | 0.89 | 949 | 766 | 1715 | 1.24 | 1.08 | 1.50 |
| 10 | 1.01 | 1.04 | 20.5 | 0.97 | 773 | 487 | 1260 | 1.59 | 0.91 | 1.50 |
| 11 | 1.28 | 1.28 | 2.56 | 1.00 | 759 | 495 | 1254 | 1.56 | 1.18 | 1.80 |
| 12 | 0.67 | 0.77 | 1.44 | 0.87 | 533 | 366 | 899 | 1.46 | 0.88 | 1.47 |
| 13 | 1.18 | 1.24 | 2.42 | 0.95 | 979 | 786 | 1765 | 1.24 | 0.84 | 1.10 |
| 14 | 1.32 | 1.43 | 2.75 | 0.92 | 693 | 716 | 1409 | 0.97 | 1.33 | 1.40 |
| 15 | 1.33 | 1.40 | 2.73 | 0.95 | 796 | 752 | 1548 | 1.06 | 1.16 | 1.30 |
| 16 | 1.14 | 1.33 | 2.47 | 0.86 | 622 | 647 | 1269 | 0.96 | 1.28 | 1.44 |
| 17 | 1.37 | 1.48 | 2.85 | 0.92 | 774 | 661 | 1435 | 1.17 | 1.24 | 1.56 |
| 18 | 0.99 | 1.07 | 2.06 | 0.93 | 625 | 492 | 1117 | 1.27 | 1.11 | 1.52 |
| 19 | 0.97 | 0.99 | 1.96 | 0.98 | 566 | 413 | 979 | 1.37 | 1.20 | 1.68 |
| 20 | 0.83 | 0.94 | 1.77 | 0.88 | 499 | 487 | 986 | 1.02 | 1.14 | 1.35 |
| 21 | 1.29 | 1.43 | 2.72 | 0.90 | 763 | 669 | 1432 | 1.14 | 1.18 | 1.49 |
| 22 | 1.31 | 1.35 | 2.66 | 0.96 | 939 | 544 | 1483 | 1.73 | 0.98 | 1.73 |
| 23 | 1.36 | 1.47 | 2.83 | 0.93 | 967 | 508 | 1475 | 1.90 | 0.99 | 2.03 |
| 24 | - | - | - | - | 664 | 594 | 1258 | 1.11 | - | - |
| 25 | 0.97 | 0.86 | 1.83 | 1.13 | 652 | 364 | 1016 | 1.79 | 1.04 | 1.88 |
| 26 | 1.04 | 0.98 | 2.02 | 1.06 | 687 | 401 | 1088 | 1.71 | 1.06 | 1.70 |
| 27 | 0.92 | 0.84 | 1.76 | 1.10 | 488 | 299 | 787 | 1.64 | 1.32 | 1.96 |
| 28 | - | - | - | - | 436 | 297 | 733 | 1.47 | - | - |
| 29 | 0.81 | 0.83 | 1.64 | 0.98 | 388 | 236 | 624 | 1.64 | 1.46 | 2.46 |
| 30 | 0.99 | 1.04 | 2.03 | 0.95 | 533 | 294 | 827 | 1.81 | 1.30 | 2.47 |
| 31 | 1.20 | 1.16 | 2.36 | 1.03 | 637 | 407 | 1044 | 1.56 | 1.31 | 2.00 |
| Prom. | 1.10 | 1.15 | 2.25 | 0.96 | 664 | 510 | 1174 | 1.30 | 1.16 | 1.58 |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | 104 | 14 | 90 | 0 |
| 110 | 124 | 97 | 110 | 138 | 179 | 152 | 69 | 83 | - | 310 | 14 | 296 | 0 |
| 83 | 76 | 117 | 90 | 41 | 34 | 55 | 83 | 41 | 61.4 | 207 | 0 | 207 | 0 |
| 69 | 110 | 131 | 131 | 90 | 83 | 69 | 69 | 34 | 49.1 | 186 | - 90 | 276 | 1 |
| 131 | 200 | 117 | 90 | 62 | 69 | 90 | 48 | 48 | 64.3 | 226 | - 7 | 233 | 1 |
| 28 | 48 | 97 | 90 | 97 | 83 | 69 | 41 | 41 | - | 145 | - 90 | 235 | 2 |
| 41 | 83 | 83 | 76 | 55 | 69 | 69 | 28 | 34 | - | 124 | - 55 | 179 | 2 |
| 21 | - 34 | - 28 | 21 | - 28 | 0 | - 14 | 7 | 14 | - | 131 | -188 | 319 | 2 |
| - 62 | - 41 | 14 | - 21 | - 14 | - 21 | 7 | 179 | 48 | - | 483 | -167 | 650 | 2 |
| 48 | 41 | 69 | 69 | 104 | 97 | 69 | 55 | 41 | 63.4 | 500 | - 55 | 555 | 1 |
| 62 | 28 | 21 | 69 | 83 | 55 | 76 | - | - | - | 110 | - 34 | 144 | 2 |
| 193 | 213 | 172 | 138 | 83 | 69 | 41 | 41 | 48 | - | 297 | 14 | 283 | 0 |
| 55 | 104 | 110 | 104 | 83 | 62 | 55 | - | - | - | 186 | - 76 | 262 | 2 |
| 34 | - 7 | -188 | - 62 | - 28 | 21 | 14 | 21 | 21 | - | 443 | -702 | 1145 | 2 |
| 83 | 90 | 90 | 62 | 55 | 76 | 69 | 55 | 34 | 47.1 | 172 | 7 | 165 | 0 |
| -152 | 34 | - 83 | - 41 | 34 | 48 | 41 | 34 | 7 | - | 740 | -946 | 1686 | 3 |
| 62 | - | - | - | - | - | - | - | - | - | ∞ | - ∞ | - | 3 |
| 14 | - | - | - | - | - | 7 | 34 | 41 | - | 76 | - 21 | 97 | 1 |
| - | - | 90 | 83 | - | - | - | - | - | - | 166 | - 14 | 180 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 34 | 21 | 21 | 7 | 28 | 14 | 21 | 28 | 7 | - | 97 | -188 | 285 | 2 |
| 83 | 76 | 55 | 55 | 48 | 14 | 21 | - | - | - | 304 | - 7 | 311 | 1 |
| 90 | 83 | 117 | 207 | 193 | 213 | 172 | 124 | 110 | - | 297 | 28 | 269 | 0 |
| 41 | 83 | 117 | 166 | 110 | 41 | - | - | - | - | 220 | 7 | 213 | 0 |
| 55 | 124 | 186 | 159 | 138 | 124 | 83 | 69 | 62 | - | 159 | - 7 | 166 | 0 |
| 62 | 117 | 124 | 131 | 62 | 41 | 159 | 124 | 110 | 79.2 | 246 | 7 | 239 | 0 |
| 104 | 131 | 186 | 193 | 138 | 83 | 110 | 117 | 62 | 111.0 | 246 | 14 | 232 | 0 |
| 207 | 157 | 159 | 265 | 220 | 179 | 145 | 145 | 104 | 118.8 | 391 | - 7 | 384 | 1 |
| 328 | 207 | 252 | 265 | 207 | 145 | 207 | 138 | 117 | 156.8 | 704 | 14 | 690 | 0 |
| 172 | 220 | 226 | 213 | 159 | 124 | 124 | 124 | 117 | 134.1 | 297 | 55 | 242 | 0 |
| 166 | 220 | 259 | 239 | 213 | 159 | 124 | 104 | 76 | 129.7 | 297 | 34 | 263 | 0 |
| 132.0 | 143.0 | 157.2 | 158.8 | 123.0 | 99.3 | 111.0 | 96.8 | 71.2 | 92.3 | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "i" . $10^{-7}$ U.E.S. por cm² | NÚCLEOS AITKEN por cm³ |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | | |
| 8331 | 8969 | 17300 | 0.93 | - | - |
| 14026 | 14806 | 28832 | 0.95 | - | 56,500 |
| 13304 | 14278 | 27582 | 0.93 | 3.46 | 50,750 |
| 9493 | 10256 | 19749 | 0.93 | 3.71 | - |
| 6402 | 7179 | 13581 | 0.89 | 5.15 | 8,750 |
| 7181 | 6722 | 13903 | 1.07 | - | 23,750 |
| 6021 | 5571 | 11592 | 1.08 | - | 27,250 |
| 7700 | 7763 | 15463 | 0.99 | - | 20,750 |
| 6924 | 7591 | 14515 | 0.91 | - | - |
| 10453 | 11189 | 21542 | 0.94 | 4.34 | 23,750 |
| 9488 | 10237 | 19725 | 0.92 | - | - |
| 12038 | 12745 | 24783 | 0.95 | - | 53,500 |
| 7176 | 7994 | 15172 | 0.90 | - | 13,500 |
| 5309 | 5387 | 10696 | 0.98 | - | - |
| 4824 | 5119 | 9943 | 0.94 | 4.28 | 13,000 |
| 6412 | 6068 | 12480 | 1.06 | - | 7,250 |
| 6002 | 6618 | 12620 | 0.91 | - | - |
| 4977 | 5628 | 10605 | 0.89 | - | - |
| 8785 | 9756 | 18541 | 0.90 | - | 15,250 |
| 7823 | 8272 | 16095 | 0.95 | - | 18,750 |
| 6498 | 6196 | 12694 | 1.05 | - | 12,000 |
| 6883 | 7483 | 14366 | 0.92 | - | 3,000 |
| 8826 | 9117 | 17943 | 0.97 | - | 8,000 |
| 8400 | 8850 | 17250 | 0.95 | - | - |
| - | - | - | - | - | - |
| 12926 | 12858 | 25784 | 1.00 | 5.34 | 10,250 |
| 13511 | 14204 | 27715 | 0.95 | 6.52 | 14,000 |
| 15149 | 16389 | 31538 | 0.92 | - | 16,250 |
| 14135 | 15257 | 29392 | 0.93 | 8.56 | 16,500 |
| 7129 | 7355 | 14484 | 0.97 | 9.08 | 9,250 |
| 5643 | 5533 | 11176 | 1.02 | 10.20 | 12,500 |
| 8640 | 9079 | 17719 | 0.95 | 6.06 | 19,750 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | 0.99 | 1.27 | 1.62 | 1.85 | 1.40 |
| 2 | 1.61 | 1.67 | 1.79 | 1.76 | 1.41 | 1.48 | 0.86 | 1.00 | 0.88 | 0.86 | 1.03 | 0.65 |
| 3 | 1.14 | 1.01 | 1.05 | 0.86 | 0.75 | 0.88 | 0.94 | 0.67 | 0.70 | 0.82 | 0.81 | 0.69 |
| 4 | 0.87 | 1.04 | 0.98 | 1.19 | 1.32 | 1.23 | 1.29 | 1.28 | 1.26 | 1.12 | 1.09 | 1.20 |
| 5 | 1.13 | 1.29 | 1.49 | 1.60 | 1.59 | 1.28 | 1.07 | 0.88 | 0.98 | 1.13 | 1.45 | 1.40 |
| 6 | 0.65 | 0.74 | 0.77 | 0.77 | 0.77 | 0.85 | 0.89 | 0.79 | 1.02 | 1.35 | 1.19 | 1.25 |
| 7 | 1.10 | 0.96 | 0.77 | 0.92 | - | - | - | - | 1.05 | 0.94 | 0.92 | 0.99 |
| 8 | - | - | - | - | - | - | - | 1.18 | 0.97 | 1.10 | 1.07 | 0.73 |
| 9 | 0.87 | 0.90 | 1.50 | 1.78 | 1.65 | 1.54 | 1.66 | 1.58 | 1.47 | 1.57 | 1.50 | 1.41 |
| 10 | 1.13 | 1.27 | 1.18 | 1.41 | 1.36 | 1.38 | 1.13 | 1.03 | 1.13 | 1.01 | 1.00 | - |
| 11 | 1.10 | 0.94 | 1.24 | 1.40 | 1.72 | 1.32 | 1.26 | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | - | - | - | - | - | - | - | - | 0.95 | 1.04 | 1.12 | 1.10 |
| 14 | 1.49 | 1.38 | 1.39 | 1.31 | 1.45 | 1.54 | 1.49 | 1.46 | 1.50 | 1.25 | 1.41 | 1.25 |
| 15 | - | - | - | - | - | - | - | - | 1.29 | 1.40 | 1.36 | 1.36 |
| 16 | - | - | - | - | - | - | - | - | 1.16 | 1.22 | 1.22 | 1.43 |
| 17 | 1.43 | 1.54 | 1.39 | 1.27 | 1.20 | - | - | - | - | - | - | - |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 1.55 | 1.59 | 1.52 | - | - | - | - | - | 1.26 | 1.24 | 1.13 | 1.02 |
| 20 | 0.76 | 0.78 | 0.83 | 0.83 | 0.87 | 0.84 | 0.80 | 0.58 | 0.42 | - | - | - |
| 21 | 1.16 | 0.82 | 0.97 | 0.79 | 0.85 | 0.89 | 1.15 | 1.34 | - | - | - | - |
| 22 | 1.59 | 1.55 | 1.73 | 1.81 | 1.92 | 1.48 | 1.03 | 1.00 | 1.17 | 1.15 | 1.13 | 1.37 |
| 23 | 1.39 | 1.41 | 1.30 | 1.46 | 1.55 | 1.41 | 1.23 | 1.17 | 0.86 | 1.44 | 1.44 | 1.63 |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | 0.89 | 0.98 | 1.15 | 0.91 | 1.15 |
| 26 | 1.14 | 1.01 | 0.92 | 0.83 | 0.94 | 0.92 | 0.65 | 0.84 | 1.31 | 1.24 | 1.47 | 1.27 |
| 27 | 0.81 | 0.85 | 0.92 | 1.02 | 0.78 | 0.75 | 0.66 | 0.62 | 1.08 | 1.17 | 0.99 | 1.04 |
| 28 | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | - | - | - | - | - | - | - | - | - | 0.69 | 0.91 | 1.04 |
| 30 | 0.98 | 0.96 | 0.88 | 0.89 | 0.80 | 1.03 | 0.88 | - | - | 0.84 | 1.07 | 1.01 |
| 31 | 1.33 | 1.52 | 1.38 | 1.17 | 1.31 | 1.00 | 0.88 | 1.01 | - | - | - | - |
| Promedio | 1.16 | 1.16 | 1.20 | 1.21 | 1.24 | 1.16 | 1.05 | 1.02 | 1.08 | 1.15 | 1.18 | 1.16 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | 1.22 | 1.49 | 1.99 | 1.96 | 1.71 |
| 2 | 1.49 | 1.33 | 1.43 | 1.98 | 1.05 | 1.35 | 0.78 | 0.91 | 0.84 | 0.82 | 0.98 | 0.67 |
| 3 | 1.15 | 1.07 | 1.02 | 0.91 | 0.73 | 1.20 | 0.89 | 0.80 | 0.66 | 0.91 | 0.87 | 0.76 |
| 4 | 0.99 | 1.12 | 1.07 | 1.24 | 1.37 | 1.31 | 1.32 | 1.26 | 1.19 | 1.14 | 1.27 | 1.27 |
| 5 | 1.17 | 1.39 | 1.58 | 1.78 | 1.73 | 1.31 | 0.96 | 0.89 | 0.97 | 1.29 | 1.66 | 1.79 |
| 6 | 0.69 | 0.74 | 0.74 | 0.79 | 0.78 | 0.88 | 0.97 | 1.00 | 1.12 | 1.26 | 1.51 | 1.40 |
| 7 | 1.05 | 0.87 | 0.95 | 0.92 | - | - | - | - | 0.69 | 0.81 | 1.09 | 1.02 |
| 8 | - | - | - | - | - | - | 1.38 | 0.96 | 1.20 | 1.44 | 1.45 | 0.94 |
| 9 | 0.89 | 0.98 | 1.50 | 2.01 | 1.92 | 1.71 | 1.95 | 1.77 | 1.71 | 1.80 | 1.89 | 1.84 |
| 10 | 0.84 | 1.23 | 1.22 | 1.50 | 1.39 | 1.29 | 1.23 | 1.12 | 1.17 | 1.12 | 1.12 | - |
| 11 | 1.05 | 0.99 | 1.19 | 1.56 | 1.66 | 1.33 | 1.19 | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | - | - | - | - | - | - | - | - | 1.07 | 1.07 | 1.22 | 1.29 |
| 14 | 1.52 | 1.44 | 1.42 | 1.69 | 1.45 | 1.48 | 1.56 | 1.68 | 1.72 | 1.37 | 1.32 | 1.41 |
| 15 | - | - | - | - | - | - | - | - | 1.52 | 1.58 | 1.35 | 1.42 |
| 16 | - | - | - | - | - | - | - | - | 1.42 | 1.47 | 1.39 | 1.32 |
| 17 | 1.71 | 1.68 | 1.35 | 1.39 | 1.27 | - | - | - | - | - | - | - |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 1.74 | 1.55 | 1.73 | - | - | - | - | - | 1.42 | 1.17 | 1.15 | 1.08 |
| 20 | 0.72 | 0.72 | 0.75 | 0.86 | 0.82 | 0.84 | 0.73 | 0.54 | 0.62 | - | - | - |
| 21 | 1.50 | 1.15 | 1.25 | 1.22 | 1.10 | 1.17 | 1.37 | 1.40 | - | - | - | 1.00 |
| 22 | 1.90 | 1.74 | 1.85 | 1.96 | 1.68 | 1.62 | 1.10 | 1.01 | 1.14 | 1.04 | 1.35 | 1.36 |
| 23 | 1.71 | 1.72 | 1.56 | 1.61 | 1.90 | 1.63 | 1.87 | 1.37 | 0.78 | 1.40 | 1.62 | 1.60 |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | 0.79 | 0.85 | 0.80 | 0.82 | 1.07 |
| 26 | 0.91 | 0.81 | 0.84 | 0.76 | 0.91 | 1.04 | 0.67 | 0.72 | 1.22 | 1.17 | 1.50 | 1.29 |
| 27 | 0.72 | 0.75 | 0.92 | 0.86 | 0.74 | 0.69 | 0.59 | 0.67 | 0.86 | 0.94 | 0.88 | 0.97 |
| 28 | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | - | - | - | - | - | - | - | - | - | 0.88 | 0.88 | 1.00 |
| 30 | 0.86 | 0.90 | 0.91 | 0.96 | 0.85 | 1.13 | 0.98 | - | - | 1.23 | 1.12 | 1.02 |
| 31 | 1.42 | 1.58 | 1.36 | 1.20 | 1.18 | 0.89 | 0.82 | 0.86 | - | - | - | - |
| Promedio | 1.20 | 1.18 | 1.23 | 1.33 | 1.25 | 1.23 | 1.13 | 1.05 | 1.13 | 1.21 | 1.29 | 1.24 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.26 | 0.97 | 1.19 | 1.11 | 1.17 | 0.84 | 1.07 | 1.06 | 1.24 | 1.35 | 1.47 | 1.44 | 1.25 |
| 0.64 | 0.65 | 0.71 | 0.72 | 0.65 | 0.68 | 0.68 | 0.60 | 0.69 | 0.89 | 0.89 | 0.90 | 0.98 |
| 0.69 | 0.82 | 0.95 | 0.97 | 0.79 | 0.66 | 0.66 | 0.73 | 0.82 | 0.80 | 0.88 | 0.83 | 0.83 |
| 1.10 | 1.20 | 1.27 | 1.31 | 1.28 | 0.89 | 0.86 | 1.15 | 1.01 | 1.11 | 1.13 | 1.02 | 1.13 |
| 1.61 | 1.49 | 1.59 | 1.29 | 1.17 | 0.75 | 0.70 | 1.13 | 1.15 | 0.73 | 0.69 | 0.79 | 1.18 |
| 1.13 | 0.95 | 0.80 | 1.14 | 1.01 | 1.01 | 1.08 | 1.06 | 0.94 | 1.10 | 1.36 | 1.14 | 0.99 |
| 0.87 | 0.86 | 1.47 | 1.58 | 1.31 | 1.34 | 1.15 | 1.05 | 1.15 | - | - | - | 1.08 |
| 1.14 | 1.38 | 1.43 | 1.11 | 0.88 | 1.04 | 0.41 | 0.53 | 1.12 | 1.38 | 1.39 | 1.44 | 1.07 |
| 1.37 | 1.31 | 1.74 | 1.81 | 1.69 | 1.60 | 1.44 | 1.42 | 1.39 | 1.30 | 1.37 | 1.51 | 1.47 |
| 0.92 | 0.88 | 0.82 | 0.82 | 0.79 | 0.82 | 0.88 | 0.86 | 0.75 | 0.67 | 0.88 | 1.02 | 1.01 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.28 |
| 0.65 | 0.62 | 0.64 | 0.70 | 0.76 | - | - | - | - | - | - | - | 0.67 |
| 1.30 | 1.22 | 1.34 | 1.04 | 1.00 | 0.91 | 0.94 | 1.29 | 1.41 | 1.36 | 1.63 | 1.33 | 1.18 |
| 1.43 | 1.34 | 1.21 | 0.80 | 0.81 | - | - | - | - | - | - | - | 1.32 |
| 1.39 | 1.45 | 1.42 | 1.33 | 1.22 | 1.12 | 1.31 | - | - | - | - | - | 1.33 |
| 1.46 | 1.10 | 1.37 | 1.18 | 1.24 | 1.22 | 0.59 | 0.92 | 0.82 | 1.01 | 1.08 | 1.27 | 1.14 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.37 |
| - | - | 1.10 | 1.23 | 0.94 | 1.05 | 0.95 | 0.78 | 0.71 | 0.91 | 0.97 | 1.28 | 0.99 |
| 0.92 | 0.97 | 0.91 | 0.93 | 0.91 | 1.01 | 0.58 | 0.65 | 0.50 | 0.52 | 0.53 | 0.69 | 0.97 |
| - | - | - | 0.80 | 1.17 | 0.91 | 0.80 | 0.76 | 0.90 | 0.85 | 1.00 | 1.03 | 0.83 |
| 1.69 | 1.73 | 1.51 | 1.49 | 1.47 | 1.46 | 1.35 | 1.30 | 1.33 | 1.50 | 1.44 | 1.55 | 1.29 |
| 1.74 | 1.50 | 1.58 | 1.41 | 1.49 | 1.07 | 0.97 | 0.75 | 0.92 | 0.81 | 0.96 | 1.25 | 1.31 |
| 1.67 | 1.40 | 1.44 | 1.33 | 1.33 | 0.94 | - | - | - | - | - | - | 1.36 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.08 | 1.24 | 1.17 | 1.30 | 1.27 | 0.80 | 0.58 | 0.74 | 0.67 | 0.77 | 0.79 | 0.96 | 0.97 |
| 1.39 | 1.40 | 1.38 | 1.53 | 1.05 | 0.72 | 0.75 | 0.85 | 0.95 | 0.83 | 0.68 | 0.86 | 1.04 |
| 1.10 | 1.02 | 1.22 | 1.04 | 0.95 | 0.50 | - | - | - | - | - | - | 0.92 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.03 | 1.23 | 1.22 | 0.84 | 0.90 | 0.58 | 0.56 | 0.59 | 0.54 | 0.68 | 0.69 | 0.62 | 0.81 |
| 1.09 | 1.12 | 0.93 | 0.87 | 0.85 | 1.05 | 0.93 | 0.94 | 1.13 | 1.19 | 1.26 | 1.24 | 0.99 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.20 |
| 1.19 | 1.16 | 1.22 | 1.14 | 1.08 | 0.96 | 0.87 | 0.91 | 0.96 | 0.99 | 1.05 | 1.11 | 1.10 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.40 | 1.19 | 1.32 | 1.20 | 1.10 | 0.80 | 0.95 | 1.02 | 1.22 | 1.22 | 1.44 | 1.49 | 1.33 |
| 0.67 | 0.65 | 0.78 | 0.74 | 0.65 | 0.73 | 0.67 | 0.60 | 0.65 | 0.78 | 1.02 | 1.05 | 0.94 |
| 0.76 | 0.87 | 0.96 | 0.90 | 0.70 | 0.63 | 0.63 | 0.78 | 0.93 | 0.82 | 0.84 | 0.84 | 0.86 |
| 1.12 | 1.33 | 1.22 | 1.17 | 1.15 | 0.65 | 0.81 | 1.05 | 1.04 | 1.04 | 1.05 | 1.02 | 1.13 |
| 1.59 | 1.67 | 1.53 | 1.19 | 1.10 | 0.65 | 0.78 | 1.23 | 1.03 | 0.60 | 0.72 | 0.75 | 1.22 |
| 1.24 | 0.85 | 0.91 | 1.25 | 1.00 | 0.85 | 1.10 | 1.02 | 0.94 | 1.12 | 1.30 | 1.25 | 1.03 |
| 0.92 | 0.97 | 1.33 | 1.68 | 1.34 | 1.30 | 1.04 | 1.26 | 1.17 | - | - | - | 1.08 |
| 1.40 | 1.50 | 1.32 | 1.27 | 0.76 | 0.89 | 0.40 | 0.61 | 1.63 | 1.73 | 1.64 | 1.45 | 1.22 |
| 1.74 | 1.68 | 2.12 | 1.95 | 1.89 | 1.57 | 1.50 | 1.55 | 1.54 | 1.46 | 1.22 | 1.47 | 1.65 |
| 1.05 | 0.95 | 0.91 | 0.87 | 0.85 | 0.84 | 0.84 | 0.87 | 0.80 | 0.72 | 0.84 | 1.10 | 1.04 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.28 |
| 0.74 | 0.79 | 0.69 | 0.83 | 0.82 | - | - | - | - | - | - | - | 0.77 |
| 1.42 | 1.29 | 1.36 | 0.99 | 1.10 | 0.92 | 0.97 | 1.18 | 1.47 | 1.42 | 1.56 | 1.52 | 1.24 |
| 1.71 | 1.47 | 1.38 | 0.82 | 0.89 | - | - | - | - | - | - | - | 1.43 |
| 1.40 | 1.58 | 1.37 | 1.37 | 1.17 | 1.25 | 1.42 | - | - | - | - | - | 1.40 |
| 1.62 | 1.40 | 1.42 | 1.39 | 1.47 | 1.15 | 1.55 | 1.02 | 0.94 | 1.15 | 1.15 | 1.49 | 1.33 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.48 |
| - | - | 1.25 | 1.25 | 1.03 | 1.00 | 0.96 | 0.84 | 0.73 | 1.05 | 1.20 | 1.38 | 1.07 |
| 0.96 | 1.03 | 0.83 | 0.87 | 0.97 | 0.76 | 0.64 | 0.60 | 0.57 | 0.51 | 0.55 | 0.69 | 0.99 |
| - | - | - | 1.17 | 1.35 | 0.91 | 0.91 | 0.91 | 1.02 | 1.23 | 1.48 | 1.37 | 0.94 |
| 1.65 | 1.89 | 1.67 | 1.47 | 1.54 | 1.36 | 1.62 | 1.52 | 1.45 | 1.60 | 1.52 | 1.65 | 1.43 |
| 1.67 | 1.51 | 1.52 | 1.22 | 1.14 | 1.14 | 0.87 | 0.85 | 1.20 | 0.92 | 1.17 | 1.54 | 1.35 |
| 1.71 | 1.45 | 1.32 | 1.37 | 1.15 | 0.69 | - | - | - | - | - | - | 1.47 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.04 | 1.20 | 1.12 | 1.19 | 1.05 | 0.68 | 0.54 | 0.78 | 0.56 | 0.69 | 0.64 | 0.76 | 0.86 |
| 1.50 | 1.48 | 1.29 | 1.37 | 0.83 | 0.67 | 0.71 | 0.88 | 0.92 | 0.74 | 0.69 | 0.64 | 0.98 |
| 1.05 | 1.0° | 1.07 | 0.94 | 0.85 | 0.51 | - | - | - | - | - | - | 0.84 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.01 | 1.24 | 1.19 | 0.75 | 0.81 | 0.49 | 0.63 | 0.56 | 0.42 | 0.78 | 0.84 | 0.95 | 0.83 |
| 1.20 | 1.12 | 0.82 | 0.84 | 0.75 | 1.13 | 0.96 | 1.04 | 1.18 | 1.22 | 1.27 | 1.27 | 1.04 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.16 |
| 1.27 | 1.26 | 1.23 | 1.16 | 1.06 | 0.89 | 0.93 | 0.96 | 1.02 | 1.04 | 1.11 | 1.18 | 1.15 |

## IONES LIVIANOS POSITIVOS "n+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 608 | 521 | 521 | 434 | 608 | 608 | 608 | 608 | 782 | 1114 | 1115 | 1195 |
| 2 | 955 | 1115 | 951 | 1035 | 868 | 787 | 434 | 614 | 608 | 707 | 868 | 868 |
| 3 | 521 | 521 | 521 | 434 | 434 | 521 | 521 | 434 | 527 | 868 | 782 | 707 |
| 4 | 434 | 521 | 521 | 608 | 657 | 657 | 521 | 521 | 614 | 868 | 786 | 911 |
| 5 | 521 | 608 | 657 | 608 | 608 | 608 | 608 | 521 | 608 | 707 | 787 | 707 |
| 6 | 434 | 434 | 521 | 608 | 521 | 608 | 608 | 707 | 782 | 787 | 608 | 707 |
| 7 | 707 | 707 | 787 | 782 | 868 | 868 | 707 | 695 | 614 | 347 | 217 | 260 |
| 8 | 521 | 347 | 347 | 174 | 174 | 174 | 304 | 434 | 434 | 347 | 260 | 174 |
| 9 | 608 | 521 | 950 | 1115 | 1275 | 1115 | 970 | 995 | 1035 | 955 | 707 | 707 |
| 10 | 787 | 868 | 787 | 1035 | 955 | 868 | 787 | 707 | 991 | 1275 | - | 1114 |
| 11 | 608 | 608 | 782 | 1115 | 1435 | 1035 | 868 | 951 | 926 | 908 | 608 | 521 |
| 12 | 782 | 868 | 707 | 608 | 657 | 521 | 521 | 390 | 347 | 347 | 434 | 303 |
| 13 | 1274 | 1154 | 1194 | 868 | 868 | 868 | 787 | 707 | 951 | 1035 | 1194 | 1275 |
| 14 | 955 | 782 | 782 | 607 | 868 | 868 | 868 | 782 | 695 | 695 | 608 | 911 |
| 15 | 707 | 868 | 868 | 868 | 955 | 911 | 955 | 782 | 782 | 1035 | 1115 | 1194 |
| 16 | 608 | 608 | 825 | 782 | 782 | 744 | 782 | 782 | 608 | 608 | 608 | 707 |
| 17 | 477 | 608 | 707 | 744 | 521 | 608 | 707 | 1148 | 608 | 1115 | 934 | 991 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 782 | 955 | 955 | 955 | 911 | 911 | 782 | 1028 | 782 | 657 | 521 | 434 |
| 20 | 521 | 521 | 434 | 434 | 434 | 564 | 521 | 434 | 216 | - | - | - |
| 21 | 657 | 347 | 570 | 347 | 434 | 434 | 564 | 707 | 707 | - | - | — |
| 22 | 1035 | 955 | 1035 | 1075 | 1115 | 951 | 434 | 521 | 434 | 521 | 831 | 1115 |
| 23 | 1115 | 995 | 995 | 911 | 1035 | 1115 | 955 | 787 | 695 | 1075 | 1213 | 1713 |
| 24 | 657 | 707 | 707 | 951 | 1035 | 1115 | 825 | 782 | - | - | - | - |
| 25 | 434 | 434 | 521 | 608 | 657 | 868 | 782 | 521 | 521 | 608 | 657 | 955 |
| 26 | 521 | 521 | 521 | 434 | 434 | 434 | 347 | 477 | 782 | 991 | 1395 | 1555 |
| 27 | 347 | 434 | 521 | 347 | 434 | 347 | 390 | 347 | 390 | 521 | 521 | 911 |
| 28 | 260 | 347 | 260 | 390 | 347 | 260 | 347 | 303 | 477 | 564 | 614 | 707 |
| 29 | 347 | 347 | 260 | 434 | 434 | 347 | 347 | 260 | 390 | 477 | 521 | 564 |
| 30 | 434 | 521 | 608 | 434 | 521 | 564 | 521 | 521 | 564 | 434 | 564 | 521 |
| 31 | 744 | 608 | 744 | 825 | 782 | 782 | 868 | 707 | 608 | 608 | 608 | 707 |
| Promedio | 645 | 645 | 685 | 686 | 721 | 702 | 641 | 639 | 637 | 747 | 753 | 831 |

## IONES LIVIANOS NEGATIVOS "n-" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 414 | 451 | 451 | 376 | 312 | 414 | 376 | 376 | 526 | 940 | 1188 | 1425 |
| 2 | 676 | 488 | 526 | 376 | 451 | 376 | 312 | 312 | 376 | 376 | 651 | 651 |
| 3 | 376 | 376 | 344 | 312 | 226 | 312 | 312 | 312 | 457 | 828 | 828 | 752 |
| 4 | 451 | 451 | 451 | 526 | 526 | 601 | 451 | 451 | 752 | 978 | 1120 | 1120 |
| 5 | 526 | 602 | 677 | 602 | 526 | 752 | 526 | 488 | 752 | 905 | 1120 | 978 |
| 6 | 312 | 376 | 376 | 376 | 376 | 526 | 602 | 601 | 827 | 828 | 902 | 1014 |
| 7 | 451 | 451 | 451 | 526 | 526 | 526 | 676 | 601 | 564 | 376 | 301 | 226 |
| 8 | 526 | 376 | 376 | 75 | 75 | 75 | 227 | 451 | 602 | 940 | 1052 | 639 |
| 9 | 312 | 381 | 664 | 866 | 976 | 905 | 866 | 828 | 905 | 864 | 677 | 902 |
| 10 | 226 | 494 | 419 | 639 | 602 | 526 | 451 | 451 | 677 | 976 | 905 | - |
| 11 | 376 | 381 | 526 | 790 | 676 | 376 | 376 | 526 | 765 | 602 | 526 | 526 |
| 12 | 344 | 312 | 226 | 269 | 312 | 312 | 312 | 188 | 226 | 226 | 344 | 301 |
| 13 | 974 | 752 | 828 | 602 | 676 | 602 | 526 | 451 | 790 | 1008 | 1120 | 1250 |
| 14 | 828 | 752 | 676 | 932 | 676 | 677 | 677 | 828 | 752 | 676 | 1071 | 940 |
| 15 | 676 | 790 | 790 | 828 | 905 | 828 | 828 | 639 | 940 | 1186 | 1250 | 1250 |
| 16 | 608 | 676 | 676 | 752 | 752 | 752 | 676 | 676 | 602 | 676 | 752 | 639 |
| 17 | 602 | 676 | 676 | 601 | 526 | 676 | 752 | 1120 | 226 | 751 | 639 | - |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 451 | 676 | 676 | 676 | 676 | 601 | 526 | 601 | 526 | 451 | 376 | 312 |
| 20 | 226 | 226 | 226 | 312 | 312 | 312 | 226 | 226 | 371 | - | - | - |
| 21 | 828 | 601 | 715 | 551 | 526 | 451 | 451 | 344 | 639 | - | - | - |
| 22 | 752 | 676 | 676 | 676 | 564 | 451 | 226 | 150 | 150 | 150 | 451 | 563 |
| 23 | - | - | - | - | - | - | 676 | 488 | 344 | 677 | 1220 | 1048 |
| 24 | 312 | 344 | 451 | 451 | 564 | 526 | 526 | 451 | 451 | 752 | 1186 | 1460 |
| 25 | 226 | 226 | 226 | 226 | 301 | 488 | 376 | 312 | 312 | 226 | 269 | 676 |
| 26 | 226 | 188 | 312 | 226 | 312 | 312 | 188 | 226 | 413 | 489 | 940 | 1120 |
| 27 | 188 | 226 | 226 | 188 | 226 | 226 | 226 | 226 | 226 | 226 | 269 | 526 |
| 28 | 226 | 188 | 188 | 188 | 226 | 226 | 226 | 269 | 312 | 413 | 526 | 526 |
| 29 | 188 | 150 | 188 | 226 | 226 | 226 | 226 | 226 | 226 | 301 | 376 | 381 |
| 30 | 226 | 226 | 341 | 376 | 226 | 226 | 312 | 226 | 376 | 376 | 451 | 376 |
| 31 | 344 | 526 | 376 | 451 | 526 | 451 | 376 | 376 | 376 | 526 | 526 | 602 |
| Promedio | 444 | 449 | 474 | 482 | 476 | 474 | 450 | 447 | 515 | 633 | 751 | 777 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 707 | 707 | 782 | 782 | 782 | 657 | 695 | 782 | 782 | 868 | 782 | 744 | 741 |
| 614 | 608 | 477 | 434 | 434 | 347 | 347 | 347 | 434 | 434 | 434 | 521 | 635 |
| 707 | 782 | 868 | 521 | 521 | 434 | 434 | 347 | 434 | 347 | 347 | 434 | 540 |
| 868 | 868 | 868 | 744 | 707 | 521 | 521 | 608 | 608 | 608 | 564 | 521 | 651 |
| 868 | 787 | 868 | 695 | 434 | 694 | 477 | 608 | 434 | 434 | 434 | 434 | 613 |
| 564 | 260 | 260 | 695 | 707 | 614 | 521 | 521 | 608 | 521 | 434 | 614 | 568 |
| 260 | 260 | 607 | 868 | 695 | 707 | 434 | 564 | 564 | 434 | 521 | 521 | 583 |
| 651 | 868 | 782 | 831 | 614 | 434 | 434 | 347 | 868 | 991 | 1235 | 1275 | 542 |
| 868 | 868 | 955 | 1035 | 955 | 1035 | 991 | 955 | 951 | 1035 | 1111 | 1071 | 949 |
| 955 | 868 | 782 | 782 | 707 | 608 | 521 | 434 | 434 | 434 | 434 | 651 | 773 |
| 521 | 608 | 1031 | 782 | 868 | 695 | 608 | 434 | 434 | 608 | 608 | 657 | 759 |
| 347 | 608 | 657 | 608 | 434 | 347 | 260 | 260 | 521 | 608 | 707 | 951 | 533 |
| 1394 | 1194 | 1114 | 782 | 707 | 521 | 782 | 868 | 1035 | 951 | 995 | 995 | 979 |
| 868 | 614 | 434 | 564 | 608 | 303 | 477 | 782 | 744 | 608 | 608 | 608 | 693 |
| 1115 | 955 | 868 | 707 | 695 | 521 | 608 | 521 | 477 | 477 | 608 | 521 | 796 |
| 738 | 527 | 707 | 434 | 608 | 608 | 434 | 521 | 521 | 521 | 434 | 434 | 622 |
| 1028 | 1191 | 521 | 738 | 521 | - | - | - | - | - | - | - | 774 |
| - | 608 | 782 | 707 | 608 | 608 | 521 | 434 | 521 | 608 | 608 | 868 | 625 |
| 260 | 347 | 434 | 608 | 347 | 260 | 260 | 260 | 260 | 260 | 260 | 347 | 566 |
| - | - | - | 564 | 608 | 608 | 434 | 434 | 521 | 347 | 707 | 694 | 499 |
| 868 | 778 | 1115 | 1115 | 955 | 831 | 868 | 988 | 868 | 1035 | 955 | 868 | 763 |
| 1755 | 1675 | 1475 | 1275 | 1394 | 868 | 695 | 564 | 608 | 521 | 651 | 1035 | 939 |
| 1435 | 1355 | 1435 | 1195 | 1235 | 608 | 347 | - | 347 | 347 | 347 | 477 | 967 |
| - | - | - | - | - | - | 521 | 347 | 347 | 434 | 434 | 434 | 664 |
| 1035 | 1114 | 1115 | 1114 | 831 | 434 | 347 | 434 | 434 | 434 | 347 | 434 | 652 |
| 1474 | 1275 | 955 | 1035 | 707 | 434 | 390 | 434 | 347 | 347 | 347 | 347 | 687 |
| 955 | 1115 | 868 | 782 | 570 | 347 | 260 | 260 | 260 | 260 | 260 | 260 | 488 |
| 564 | 521 | 608 | 521 | 477 | 434 | 434 | 434 | 390 | 434 | 434 | 347 | 436 |
| 564 | 521 | 434 | 434 | 390 | 260 | 260 | 260 | 260 | 347 | 434 | 434 | 388 |
| 608 | 657 | 564 | 707 | 521 | 347 | 260 | 347 | 521 | 608 | 744 | 707 | 533 |
| 782 | 868 | 744 | 744 | 521 | 260 | 260 | 260 | 434 | 521 | 608 | 707 | 637 |
| 835 | 807 | 797 | 760 | 672 | 529 | 480 | 495 | 532 | 546 | 579 | 630 | 664 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1188 | 1052 | 976 | 676 | 651 | 376 | 376 | 376 | 451 | 451 | 526 | 564 | 621 |
| 376 | 451 | 376 | 312 | 269 | 226 | 226 | 226 | 226 | 226 | 312 | 376 | 382 |
| 676 | 828 | 905 | 563 | 312 | 226 | 226 | 312 | 376 | 226 | 312 | 376 | 448 |
| 976 | 1014 | 866 | 752 | 526 | 226 | 269 | 376 | 451 | 526 | 451 | 451 | 615 |
| 976 | 905 | 940 | 413 | 226 | 226 | 226 | 376 | 344 | 226 | 226 | 312 | 577 |
| 676 | 376 | 301 | 639 | 451 | 312 | 376 | 312 | 376 | 376 | 376 | 376 | 503 |
| 312 | 376 | 564 | 714 | 488 | 526 | 301 | 488 | 451 | 376 | 451 | 526 | 468 |
| 752 | 676 | 639 | 564 | 226 | 312 | 312 | 344 | 676 | 828 | 898 | 898 | 522 |
| 828 | 905 | 902 | 976 | 940 | 902 | 752 | 752 | 752 | 676 | 338 | 526 | 766 |
| - | - | 602 | 602 | 526 | 376 | 312 | 312 | 226 | 226 | 312 | 381 | 487 |
| 376 | 526 | 828 | 676 | 639 | 526 | 376 | 269 | 226 | 226 | 312 | 451 | 495 |
| 376 | 602 | 601 | 601 | 344 | 226 | 226 | 226 | 451 | 526 | 564 | 677 | 366 |
| 1250 | 1120 | 1048 | 790 | 526 | 376 | 526 | 639 | 752 | 752 | 752 | 752 | 786 |
| 976 | 715 | 451 | 526 | 526 | 676 | 676 | 676 | 601 | 676 | 601 | 602 | 716 |
| 1151 | 976 | 828 | 676 | 413 | 376 | 451 | 451 | 376 | 451 | 451 | 526 | 752 |
| 715 | 898 | 752 | 752 | 601 | 376 | 716 | 451 | 451 | 526 | 526 | 526 | 647 |
| - | 1425 | 678 | 226 | 344 | - | - | - | - | - | - | - | 661 |
| - | 488 | 526 | 526 | 526 | 376 | 376 | 376 | 488 | 526 | 526 | 676 | 492 |
| 266 | 381 | 376 | 601 | 344 | 226 | 226 | 150 | 188 | 226 | 150 | 226 | 413 |
| - | - | - | 639 | 526 | 451 | 526 | 451 | 602 | 1408 | 1120 | 601 | 487 |
| 677 | 974 | 976 | 828 | 752 | 564 | 602 | 639 | 711 | 790 | 676 | 711 | 669 |
| 1086 | 1052 | - | - | - | - | - | - | - | - | - | - | 544 |
| 905 | 828 | 828 | 602 | 414 | 150 | 226 | 226 | 150 | 150 | 75 | 150 | 508 |
| 1320 | 1299 | 1048 | 905 | 563 | 301 | 226 | 226 | 226 | 226 | 226 | 226 | 594 |
| 828 | 866 | 866 | 752 | 271 | 150 | 226 | 75 | 226 | 226 | 226 | 150 | 364 |
| 1012 | 905 | 602 | 489 | 150 | 226 | 226 | 226 | 269 | 188 | 150 | 226 | 401 |
| 676 | 828 | 413 | 413 | 301 | 226 | 226 | 269 | 226 | 188 | 226 | 226 | 299 |
| 451 | 488 | 526 | 344 | 301 | 150 | 226 | 226 | 226 | 226 | 226 | 226 | 297 |
| 376 | 312 | 226 | 150 | 150 | 226 | 226 | 312 | 226 | 150 | 150 | 226 | 236 |
| 413 | 376 | 226 | 226 | 226 | 226 | 150 | 226 | 312 | 312 | 312 | 312 | 294 |
| 526 | 602 | 526 | 381 | 226 | 226 | 226 | 226 | 226 | 312 | 376 | 451 | 407 |
| 746 | 767 | 669 | 577 | 425 | 337 | 346 | 352 | 388 | 421 | 408 | 439 | 510 |

## IONES PESADOS POSITIVOS "N+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7180 | 6295 | 7180 | 8950 | 9860 | 8950 | 7180 | 8060 | 7180 | 6295 | 5380 | 7180 |
| 2 | 8060 | 8060 | 8060 | 8060 | 11690 | 9860 | 17050 | 20700 | 11690 | 12590 | 8950 | 13430 |
| 3 | 12590 | 14350 | 9860 | 14350 | 13430 | 13430 | 12590 | 18870 | 17950 | 13430 | 13430 | 16130 |
| 4 | 9860 | 8950 | 8950 | 8060 | 8060 | 8060 | 9860 | 11690 | 9860 | 8060 | 9860 | 8950 |
| 5 | - | - | 5380 | 7180 | 6295 | 5380 | 5380 | 7180 | 5380 | 3585 | 2690 | 2690 |
| 6 | 7180 | 5380 | 6295 | 6295 | 6295 | 7180 | 4490 | 6295 | 4490 | 4490 | 10770 | 4490 |
| 7 | 6295 | 5380 | 6295 | 6295 | 6295 | 5380 | 5380 | 7180 | 6295 | 7180 | 7180 | 8060 |
| 8 | 4490 | 5380 | 4490 | 5380 | 4490 | 5380 | 6295 | 898 | 4490 | 5380 | 3585 | 8060 |
| 9 | 12590 | 11690 | 8060 | 6295 | 8060 | 6295 | 7180 | 6295 | 7180 | 6295 | 6295 | 6295 |
| 10 | 8060 | 8060 | 9860 | 6295 | 8060 | 7180 | 8950 | 10770 | 8060 | 8950 | - | 9860 |
| 11 | 8950 | 10770 | 8060 | 7180 | 7180 | 8060 | 8060 | 8060 | 9860 | 8950 | 12590 | 13430 |
| 12 | 7180 | 6295 | 7180 | 7180 | 8060 | 9860 | 9860 | 16130 | 14350 | 13430 | 14350 | 17950 |
| 13 | 7180 | 6295 | 6295 | 6295 | 8060 | 8060 | 8060 | 8950 | 8950 | 9860 | 8060 | 7180 |
| 14 | 7180 | 5380 | 5380 | 7180 | 5380 | 5380 | 5380 | 5380 | 6295 | 5380 | 8950 | 4490 |
| 15 | 2690 | 4490 | 3585 | 3585 | 3585 | 3585 | 4490 | 4490 | 5380 | 4490 | 5380 | 4490 |
| 16 | 5380 | 5380 | 5380 | 5380 | 5380 | 5380 | 5380 | 6295 | - | - | - | 7180 |
| 17 | 3585 | 3585 | 5380 | 5380 | 6295 | 4490 | 4490 | 8950 | 11690 | 6295 | 9860 | 7180 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 4490 | 4490 | 4490 | 4490 | 4490 | 5380 | 5380 | 5380 | 6295 | 6295 | 7180 | 7180 |
| 20 | 8060 | 7180 | 7180 | 7180 | 6295 | 7180 | 8060 | 9860 | 14350 | - | - | - |
| 21 | 3585 | 15250 | 4490 | 5380 | 6295 | 7180 | 8060 | 7180 | 7180 | - | - | - |
| 22 | 6295 | 6295 | 7180 | 7180 | 6295 | 6295 | 8060 | 8060 | 7180 | 7180 | 6295 | 5380 |
| 23 | 6295 | 6295 | 6295 | 6295 | 5380 | 6295 | 10770 | 8950 | 7180 | 7180 | 6295 | 6295 |
| 24 | 8060 | 8060 | 8060 | 8060 | 8060 | 7180 | 8950 | 10770 | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | 13430 | 10770 | 8950 | 8060 | 7180 |
| 27 | 14350 | 15250 | 13430 | 11690 | 12590 | 16130 | 17050 | 17950 | 26900 | 9860 | 12590 | 9860 |
| 28 | 25150 | 17050 | 14350 | 13430 | 15250 | 20350 | 15250 | 22400 | - | - | - | 8060 |
| 29 | 11690 | 11690 | 12590 | 10770 | 10770 | 10770 | 22400 | 22400 | - | - | - | - |
| 30 | 9860 | 8950 | 8060 | 9860 | 9860 | 10770 | 10770 | - | - | - | - | 1795 |
| 31 | 2690 | 2690 | 3585 | 1795 | 3585 | 4490 | 3585 | 5380 | 5380 | 4490 | 4490 | 3585 |
| Promedio | 8110 | 8108 | 7336 | 7338 | 7691 | 7997 | 8872 | 10284 | 9347 | 7664 | 8202 | 7855 |

## IONES PESADOS NEGATIVOS "N−" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7180 | 6295 | 7180 | 9860 | 9860 | 8060 | 8060 | 9860 | 7180 | 6295 | 6295 | 8060 |
| 2 | 9860 | 9860 | 8060 | 9860 | 10770 | 11690 | 17050 | 14350 | 13430 | 11690 | 13430 | 12590 |
| 3 | 13430 | 11690 | 12590 | 14350 | 15250 | 13430 | 15350 | 22400 | 14350 | 16130 | 16130 | 15250 |
| 4 | 9860 | 8950 | 8950 | 9860 | 9860 | 9860 | 10770 | 10770 | 9860 | 9860 | 8950 | 8950 |
| 5 | - | - | 6295 | 7180 | 6295 | 6295 | 7180 | 8060 | 5380 | 4490 | 6295 | 4490 |
| 6 | 6295 | 6295 | 7180 | 6295 | 7180 | 5380 | 7180 | 6295 | 4490 | 13430 | 7180 | 1795 |
| 7 | 5380 | 4490 | 4490 | 5380 | 5380 | 4490 | 6295 | 5380 | 12590 | 6295 | 7180 | 8060 |
| 8 | 3585 | 5380 | 3585 | 3585 | 4490 | 6295 | 5380 | 4490 | 5380 | 5380 | 4490 | 5380 |
| 9 | 13430 | 12590 | 5380 | 8060 | 8060 | 8060 | 8060 | 7180 | 6295 | 6295 | 6295 | 6295 |
| 10 | 8060 | 8060 | 8060 | 8060 | 8060 | 8060 | 10770 | 10770 | 10770 | 11690 | - | 7180 |
| 11 | 10770 | 10770 | 8950 | 8060 | 7180 | 8950 | 8950 | 8950 | 8950 | 11690 | 14350 | 14350 |
| 12 | 7180 | 8060 | 7180 | 8950 | 11690 | 10770 | 15250 | 15250 | 15250 | 17050 | 14350 | 14350 |
| 13 | 8060 | 7180 | 6295 | 8060 | 8060 | 8950 | 9860 | 9860 | 9860 | 8060 | 8060 | 8060 |
| 14 | 6295 | 6295 | 3585 | 5380 | 6295 | 6295 | 6295 | 6295 | 6295 | 5380 | 4490 | 4490 |
| 15 | 4490 | 898 | 3585 | 2690 | 3585 | 4490 | 3585 | 5380 | 4490 | 5380 | 5380 | 4490 |
| 16 | 4490 | 5380 | 4490 | 4490 | 4490 | 4490 | 4490 | 4490 | - | - | - | 5380 |
| 17 | 3585 | 3585 | 4490 | 5380 | 6295 | 4490 | 6295 | 7180 | 9860 | 6295 | 15250 | 8060 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 6295 | 6295 | 6295 | 5380 | 5380 | 6295 | 6295 | 6295 | 7180 | 6295 | 8060 | 8950 |
| 20 | 8950 | 7180 | 8060 | 7180 | 8060 | 8060 | 9860 | 12590 | 21520 | - | - | - |
| 21 | 4490 | 5380 | 4490 | 5380 | 6295 | 7180 | 6295 | 7180 | 13430 | - | - | - |
| 22 | 6295 | 6295 | 6295 | 6295 | 6295 | 7180 | 8060 | 8060 | 7180 | 7180 | 6295 | 6295 |
| 23 | 6295 | 6295 | 6295 | 6295 | 6295 | 7180 | 7180 | 7180 | 8950 | 6295 | 6295 | 6295 |
| 24 | 8060 | 8060 | 8060 | 8060 | 8060 | 8950 | 9860 | 11690 | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | - | - | - | - | - | - | 17050 | 13430 | 8950 | 8060 | 8060 | 7180 |
| 27 | 17950 | 14350 | 12590 | 11690 | 14350 | 18870 | 17950 | 17950 | 17950 | 11690 | 17050 | 10770 |
| 28 | 22400 | 17950 | 17950 | 16130 | 15250 | 22400 | 17950 | 17050 | - | - | - | 8060 |
| 29 | 11690 | 13430 | 12590 | 11690 | 11690 | 15250 | 21520 | 24200 | - | - | - | - |
| 30 | 9860 | 8950 | 9860 | 9860 | 9860 | 10770 | 9860 | - | - | - | - | 4490 |
| 31 | 2690 | 2690 | 2690 | 2690 | 2690 | 4490 | 4490 | 4490 | 5380 | 4490 | 4490 | 3585 |
| Promedio | 8405 | 7876 | 7340 | 7719 | 8108 | 8810 | 9930 | 10253 | 9790 | 8610 | 8970 | 7713 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8060 | 8060 | 7180 | 8950 | 9860 | 10770 | 10770 | 10770 | 9860 | 8060 | 8060 | 9860 | 8331 |
| 12590 | 11690 | 13430 | 15250 | 15250 | 21520 | 18870 | 20700 | 20700 | 17050 | 15250 | 16130 | 14026 |
| 15250 | 13430 | 8060 | 8950 | 10770 | 12590 | 17050 | 17050 | 12590 | 13430 | 9860 | 9860 | 13304 |
| 9860 | 8060 | 8060 | 10770 | 9860 | 17050 | - | - | - | - | - | - | 9493 |
| 1795 | 1795 | 1795 | 6295 | 9860 | 15250 | 11690 | 8060 | 8060 | 9860 | 8950 | 6295 | 6402 |
| 6295 | 8950 | 8950 | 5380 | 6295 | 18870 | 8950 | 7180 | 8950 | 6295 | 6295 | 6295 | 7181 |
| 8060 | 6295 | 5380 | 5380 | 4490 | 4490 | 7180 | 5380 | 5380 | 5380 | 4490 | 5380 | 6021 |
| 5380 | 4490 | 5380 | 7180 | 9860 | 17050 | 17050 | 28730 | 6295 | 8060 | 8950 | 8060 | 7700 |
| 6295 | 6295 | 4490 | 5380 | 5380 | 6295 | 6295 | 7180 | 7180 | 5380 | 7180 | 6295 | 6924 |
| 11690 | 11690 | 10770 | 9860 | 13430 | 11690 | 11690 | 15250 | 13430 | 14350 | 11690 | 10770 | 10453 |
| 12590 | 9860 | 8060 | 9860 | 7180 | 8060 | 8060 | 11690 | 13430 | 9860 | 9860 | 8060 | 9488 |
| 16130 | 13430 | 12590 | 11690 | 15250 | 17050 | 20700 | 17050 | 10770 | 8950 | 7180 | 6295 | 12038 |
| 7180 | 6295 | 5380 | 8060 | 6295 | 8950 | 7180 | 7180 | 5380 | 6295 | 6295 | 4490 | 7176 |
| 2690 | 3585 | 6295 | 5380 | 6295 | 6295 | 5380 | 4490 | 4490 | 4490 | 4490 | 1795 | 5309 |
| 4490 | 3585 | 3585 | 4490 | 6295 | 8060 | 6295 | 5380 | 5380 | 6295 | 6295 | 5380 | 4824 |
| 9860 | 7180 | 6295 | 6295 | 5380 | 7180 | 11690 | 6295 | 7180 | 5380 | 6295 | 4490 | 6412 |
| 5380 | 4490 | 4490 | 4490 | - | - | - | - | - | - | - | - | 6002 |
| - | 3585 | 2690 | 4490 | 6295 | 4490 | 5380 | 4490 | 4490 | 9860 | 4490 | 4490 | 4977 |
| 8950 | 8060 | 8060 | 8060 | 11690 | 12590 | 15250 | 15250 | 16130 | 16130 | 14350 | 10770 | 8785 |
| - | - | - | 24200 | 8060 | 5380 | 5380 | 6295 | 4490 | 3585 | 3585 | 4490 | 7823 |
| 6295 | 4490 | 5380 | 5380 | 5380 | 6295 | 7180 | 6295 | 6295 | 6295 | 6295 | 6295 | 6498 |
| 1795 | 7180 | 6295 | 2690 | 5380 | 6295 | 6295 | 11690 | 9860 | 9860 | 9860 | 6295 | 6883 |
| 6295 | 6295 | 7180 | 6295 | 6295 | 8060 | 14350 | 17050 | 17950 | 15250 | 13430 | 9860 | 8826 |
| - | - | - | - | - | - | - | - | - | - | - | - | 8400 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6295 | 7180 | 7180 | 6295 | 8060 | 17950 | 16130 | 16130 | 18870 | 27800 | 21520 | 17950 | 12926 |
| 17050 | 8060 | 8060 | 7180 | 11690 | - | - | - | - | - | - | - | 13511 |
| 8060 | 8060 | 9860 | 9860 | 10770 | 16130 | 27800 | 20700 | 17050 | 13430 | 13430 | 11690 | 15149 |
| - | - | - | - | - | - | - | - | - | - | - | - | 14135 |
| 3585 | 1795 | 6295 | 4490 | 5380 | 17050 | 9860 | 9860 | 4490 | 3585 | 3585 | 2690 | 7129 |
| 3585 | 3585 | 5380 | 4490 | 7180 | 16130 | 17050 | 14350 | 8060 | 4490 | 3585 | 1795 | 5643 |
| 7904 | 6943 | 6910 | 7753 | 8442 | 11597 | 11741 | 11779 | 9870 | 9577 | 8611 | 7431 | 8640 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8950 | 8950 | 8060 | 9860 | 10770 | 12590 | 10770 | 9860 | 10770 | 9860 | 9860 | 10770 | 8969 |
| 13430 | 12590 | 15250 | 15250 | 17050 | 20700 | 24200 | 24200 | 20700 | 17050 | 17950 | 14350 | 14806 |
| 15250 | 11690 | 8950 | 9860 | 13430 | 20700 | 17050 | 13430 | 13430 | 14350 | 11690 | 12590 | 14278 |
| 9860 | 8950 | 8060 | 8950 | 14350 | 17950 | - | - | - | - | - | - | 10256 |
| 3585 | 2690 | 4490 | 5380 | 10770 | 18870 | 8950 | 8060 | 8950 | 10770 | 7180 | 6295 | 7179 |
| 8060 | 8950 | 7180 | 3585 | 11690 | 7180 | 7180 | 6295 | 6295 | 5380 | 6295 | 4490 | 6732 |
| 5380 | 5380 | 1795 | 4490 | 4490 | 5380 | 9860 | 5380 | 4490 | 5380 | 3585 | 2690 | 5571 |
| 5380 | 4490 | 3585 | 4490 | 8060 | 22400 | 20350 | 22400 | 6295 | 11690 | 8060 | 11690 | 7763 |
| 6295 | 8060 | 6295 | 6295 | 7180 | 9860 | 6295 | 7180 | 7180 | 7180 | 7180 | 7180 | 7591 |
| 9860 | 12590 | 14350 | 13430 | 11690 | 13430 | 13430 | 15250 | 16130 | 14350 | 14350 | 8950 | 11189 |
| 12590 | 10770 | 8060 | 9860 | 8060 | 10770 | 9860 | 13430 | 11690 | 10770 | 9860 | 8060 | 10237 |
| 17050 | 15250 | 13430 | 13430 | 16130 | 18870 | 18870 | 14350 | 10770 | 8060 | 7180 | 7180 | 12745 |
| 8060 | 7180 | 7180 | 7180 | 8060 | 9860 | 8950 | 8950 | 7180 | 6295 | 6295 | 6295 | 7994 |
| 4490 | 5380 | 4490 | 5380 | 8950 | 6295 | 5380 | 3585 | 3585 | 4490 | 5380 | 4490 | 5387 |
| 3585 | 3585 | 3585 | 4490 | 8060 | 7180 | 13430 | 6295 | 6295 | 4490 | 5380 | 8060 | 5119 |
| 10770 | 6295 | 6295 | 5380 | 6295 | 8950 | 9860 | 9860 | 7180 | 4490 | 4490 | 4490 | 6068 |
| 9860 | 5380 | 3585 | 6295 | - | - | - | - | - | - | - | - | 6618 |
| - | 5380 | 6295 | 8060 | 4490 | 6295 | 5380 | 4490 | 5380 | 5380 | 5380 | 5380 | 5638 |
| 10770 | 7180 | 10770 | 8950 | 13430 | 15250 | 16130 | 17050 | 17050 | 16130 | 12590 | 9860 | 9757 |
| - | - | - | 13430 | 6295 | 4490 | 5380 | 7180 | 5380 | 6295 | 4490 | 4490 | 8272 |
| 5380 | 5380 | 5380 | 5380 | 5380 | 6295 | 7180 | 5380 | 5380 | 7180 | 6295 | 5380 | 6196 |
| 6295 | 7180 | 6295 | 6295 | 6295 | 8060 | 12590 | 9860 | 9860 | 10770 | 8060 | 6295 | 7483 |
| 6295 | 8060 | 7180 | 6295 | 7180 | 10770 | 20350 | 18870 | 15250 | 15250 | 11690 | 10770 | 9117 |
| - | - | - | - | - | - | - | - | - | - | - | - | 8850 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7180 | 7180 | 7180 | 6295 | 8060 | 17050 | 17050 | 16130 | 27800 | 20700 | 17050 | 17050 | 12858 |
| 8950 | 11690 | 9860 | 9860 | 17950 | - | - | - | - | - | - | - | 14204 |
| 8060 | 9860 | 9860 | 10770 | 17950 | 20350 | 26000 | 29600 | 17050 | 14350 | 12590 | 12590 | 16389 |
| - | - | - | - | - | - | - | - | - | - | - | - | 15257 |
| 2690 | 4490 | 4490 | 5380 | 11690 | 11690 | 9860 | 8060 | 4490 | 3585 | 3585 | 3585 | 7355 |
| 3585 | 3585 | 4490 | 3585 | 9860 | 17050 | 17050 | 10770 | 7180 | 4490 | 3585 | 2690 | 5533 |
| 8141 | 7709 | 7275 | 7782 | 10134 | 12626 | 12856 | 11836 | 10230 | 9549 | 8402 | 7827 | 9079 |

## COMPONENTE NORTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24.0 | 24.0 | 18.9 | 20.6 | 24.0 | 25.8 | 24.0 | - | - | - | - | 25.8 | 12.0 |
| 2 | 22.3 | 22.4 | 24.0 | 22.3 | 24.0 | 27.4 | 24.0 | 13.8 | - | - | 29.2 | 32.7 | 25.8 |
| 3 | 25.8 | 27.4 | 27.4 | 27.4 | 29.2 | 29.2 | 25.8 | 24.0 | 25.8 | 27.4 | 32.7 | 36.0 | 30.9 |
| 4 | 24.0 | 24.0 | 27.4 | 27.4 | 29.2 | 25.8 | 24.0 | 17.2 | 20.6 | 27.4 | 32.7 | 32.7 | 25.8 |
| 5 | 30.9 | 27.4 | 30.9 | 32.7 | 29.2 | 32.7 | 27.4 | 25.8 | 18.9 | 24.0 | 29.2 | 25.8 | 30.9 |
| 6 | 29.2 | 25.8 | 27.4 | 29.2 | 29.2 | 27.4 | 25.8 | 27.4 | 22.3 | 24.0 | 25.8 | 30.9 | 27.4 |
| 7 | 22.3 | 24.0 | 27.4 | 27.4 | 29.2 | 30.9 | 29.2 | 25.8 | 20.6 | 17.2 | 27.4 | 29.2 | 30.9 |
| 8 | 27.4 | 27.4 | 27.4 | 27.4 | 30.9 | 29.2 | 29.2 | 22.3 | 18.9 | 30.9 | 25.8 | 27.4 | 29.2 |
| 9 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10 | - | - | - | - | - | - | - | - | 18.9 | 25.8 | 24.0 | 24.0 | 25.8 |
| 11 | 25.8 | 25.8 | 24.0 | 24.0 | 22.3 | 22.3 | 25.8 | 24.0 | 20.6 | 22.3 | 24.0 | 24.0 | 25.8 |
| 12 | 25.8 | 27.4 | 27.4 | 27.4 | 30.9 | 29.2 | 25.8 | 22.3 | 17.2 | 18.9 | 27.4 | 27.4 | 30.9 |
| 13 | 24.0 | 25.8 | 27.4 | 25.8 | 25.8 | 27.4 | 22.3 | 20.6 | 17.2 | 13.8 | 24.0 | 24.0 | 22.3 |
| 14 | 24.0 | 24.0 | 27.4 | 34.3 | 29.2 | 24.0 | 25.8 | 18.9 | 12.0 | 10.3 | 18.9 | 25.8 | 25.8 |
| 15 | 17.2 | 25.8 | 25.8 | 27.4 | 24.0 | 25.8 | 24.0 | 20.6 | 10.3 | 18.9 | 24.0 | 25.8 | 24.0 |
| 16 | 20.6 | 20.6 | 22.3 | 24.0 | 25.8 | 25.8 | 25.8 | 24.0 | 17.2 | 17.2 | 20.6 | 20.6 | 22.3 |
| 17 | - 5.4 | 1.7 | 1.7 | 1.7 | 1.7 | 5.2 | 10.3 | 17.2 | 3.4 | 12.0 | 15.4 | 12.0 | 17.2 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 5.2 | 1.7 | - 2.7 | - 1.4 | - 2.7 | - 4.1 | - 8.1 | - 8.1 | -10.8 | - 9.5 | - 8.1 | - 4.1 | - 6.8 |
| 20 | -10.8 | - 5.4 | - 8.1 | - 6.8 | - 6.8 | - 8.1 | - 9.5 | -10.8 | -17.6 | - | - | - | - |
| 21 | - 6.8 | - 1.4 | - 6.8 | - 5.4 | - 2.7 | - 4.1 | - 5.4 | - 8.1 | -17.6 | - | - | - | -10.8 |
| 22 | - 8.1 | - 8.1 | - 9.5 | -10.8 | - 8.1 | -10.8 | - 9.5 | - 9.5 | -16.3 | -10.8 | - 8.1 | - 6.8 | - 9.5 |
| 23 | - 6.8 | - 8.1 | - 8.1 | - 6.8 | - 5.4 | - 8.1 | - 8.1 | - 9.5 | -17.6 | -16.3 | -10.8 | - 8.1 | - 8.1 |
| 24 | -10.8 | - 9.5 | -10.8 | - 9.5 | - 9.5 | - 9.5 | - 8.1 | - 8.1 | -10.8 | - 9.5 | - | - | - |
| 25 | -10.8 | - 8.1 | - 9.5 | -10.8 | - 9.5 | - 6.8 | - 8.1 | - 9.5 | -16.3 | - 9.5 | - 8.1 | - 4.1 | - 8.1 |
| 26 | - 6.8 | - 2.7 | - 2.7 | - 8.1 | - 8.1 | - 8.1 | - 6.8 | -10.8 | -24.4 | -19.0 | -10.8 | -19.0 | -12.2 |
| 27 | - 9.5 | - | - | - | - | - | - | - | -17.6 | -10.8 | -10.8 | - 9.5 | -10.8 |
| 28 | - 8.1 | - 4.1 | - 8.1 | - 5.4 | - 8.1 | - 8.1 | - 6.8 | -10.8 | -16.3 | -17.6 | - 8.1 | - 4.1 | -12.2 |
| 29 | - 5.4 | - 8.1 | - 9.5 | - 5.4 | - 6.8 | -10.8 | - 9.5 | -13.6 | -13.6 | -17.6 | -27.1 | -10.8 | -17.6 |
| 30 | - 5.4 | - 5.4 | - 5.4 | - 5.4 | - 6.8 | - 6.8 | - 6.8 | - 8.1 | -10.8 | -13.6 | -12.2 | - 6.8 | - 8.1 |
| 31 | - 9.5 | - 8.1 | - 9.5 | - 8.1 | - 5.4 | - 5.4 | - 9.5 | - 8.1 | -14.9 | -13.6 | - 9.5 | - 5.4 | - 6.8 |
| Prom | 8.7 | 10.8 | 10.2 | 10.9 | 11.3 | 11.0 | 10.1 | 7.3 | 1.4 | 5.7 | 10.7 | 13.3 | 10.9 |
| Var. | 0.8 | 2.9 | 2.3 | 3.0 | 3.4 | 3.1 | 2.2 | - 0.6 | - 6.5 | - 2.2 | 2.8 | 5.4 | 3.0 |

## COMPONENTE ESTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -20.0 | -17.3 | -13.3 | -16.0 | -20.0 | -24.0 | -21.3 | -20.0 | -22.6 | -24.0 | -22.6 | -24.0 | -21.3 |
| 2 | -22.6 | -24.0 | -22.6 | -21.3 | -22.6 | -24.0 | -21.3 | -18.6 | -21.3 | -17.3 | -18.6 | -20.0 | -22.6 |
| 3 | -24.0 | -25.3 | -22.6 | -25.3 | -26.6 | -24.0 | -26.6 | -25.3 | -31.9 | -25.3 | -26.6 | -20.0 | -24.0 |
| 4 | -20.0 | -20.0 | -21.3 | -25.3 | -22.6 | -24.0 | -21.3 | -21.3 | -20.0 | -22.6 | -26.6 | -25.3 | -21.3 |
| 5 | -22.6 | -21.3 | -21.3 | -22.6 | -25.3 | -21.3 | -14.6 | -22.6 | -18.6 | -25.3 | -20.0 | -18.6 | -20.0 |
| 6 | -25.3 | -21.3 | -21.3 | -24.0 | -26.6 | -22.6 | -27.9 | -24.0 | -29.3 | -24.0 | -26.6 | -20.0 | -18.6 |
| 7 | -21.3 | -21.3 | -18.6 | -21.3 | -22.6 | -21.3 | -25.3 | -26.6 | -22.6 | -22.6 | -21.3 | -14.6 | -16.0 |
| 8 | -22.6 | -21.3 | -21.3 | -21.3 | -22.6 | -24.0 | -22.6 | -25.3 | -26.6 | -24.0 | -21.3 | -17.3 | -18.6 |
| 9 | -22.6 | -21.3 | -21.3 | -25.3 | -21.3 | -21.3 | -21.3 | -10.6 | -16.0 | -13.3 | -16.0 | -18.6 | -18.6 |
| 10 | -33.2 | -30.6 | -30.6 | -29.3 | -29.3 | -27.9 | -31.9 | - | -26.6 | -27.9 | -35.9 | -30.6 | -29.3 |
| 11 | -22.6 | -24.0 | -18.6 | -21.3 | -22.6 | -22.6 | -27.9 | -26.6 | -24.0 | -24.0 | -25.3 | -27.9 | -24.0 |
| 12 | -26.6 | -25.3 | -24.0 | -25.3 | -24.0 | -24.0 | -22.6 | -22.6 | -29.3 | -21.3 | -24.0 | -24.0 | -22.6 |
| 13 | -25.3 | -22.6 | -22.6 | -24.0 | -25.3 | -24.0 | -18.6 | -22.6 | -18.6 | -21.3 | -24.0 | -20.0 | -29.3 |
| 14 | -22.6 | -24.0 | -22.6 | -25.3 | -24.0 | -21.3 | -24.0 | -24.0 | -27.9 | -20.0 | -24.0 | -22.6 | -20.0 |
| 15 | -25.3 | -24.0 | -25.3 | -25.3 | -26.6 | -26.6 | -24.0 | -26.6 | -29.3 | -26.6 | -26.6 | -21.3 | -21.3 |
| 16 | -24.0 | -25.3 | -21.3 | -26.6 | -27.9 | -24.0 | -21.3 | -21.3 | -31.9 | -24.0 | -21.3 | -26.6 | -21.3 |
| 17 | -17.3 | -14.6 | -18.6 | -20.0 | -20.0 | -18.6 | -16.0 | 4.7 | -29.3 | -31.9 | 3.1 | 1.6 | -13.3 |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | -16.0 | -13.3 | -13.3 | -16.0 | -20.0 | -21.3 | -16.0 | -16.0 | -26.6 | -21.3 | -25.3 | -20.0 | -16.0 |
| 20 | -21.3 | -14.6 | -14.6 | -18.6 | -21.3 | -22.6 | -13.3 | -13.3 | -20.0 | - | - | - | - |
| 21 | -20.0 | -20.0 | -18.6 | -25.3 | -30.6 | -34.6 | -37.2 | -29.3 | -31.9 | - | - | - | -20.0 |
| 22 | -21.3 | -18.6 | -17.3 | -18.6 | -18.6 | -21.3 | -18.6 | -17.3 | -20.0 | -17.3 | -18.6 | -16.0 | -20.0 |
| 23 | -18.6 | -17.3 | -14.6 | -20.0 | -20.0 | -16.0 | -18.6 | -18.6 | -17.3 | -22.6 | -18.6 | -17.3 | -18.6 |
| 24 | -17.3 | -14.6 | -13.3 | -16.0 | -18.6 | -18.6 | -21.3 | -17.3 | -25.3 | -22.6 | - | - | - |
| 25 | -16.0 | -12.0 | -12.0 | -13.3 | -13.3 | -16.0 | -14.6 | -16.0 | - | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | -17.3 | -16.0 | -13.3 | -17.3 |
| 27 | -18.6 | - | - | - | - | - | - | - | -16.0 | -17.3 | -17.3 | -18.6 | -21.3 |
| 28 | -17.3 | -12.0 | -14.6 | -17.3 | -16.0 | -12.0 | - 8.0 | -13.3 | -18.6 | -21.3 | -16.0 | -12.0 | -13.3 |
| 29 | -17.3 | -16.0 | -16.0 | -16.0 | -16.0 | -14.6 | -10.6 | -18.6 | -20.0 | -21.3 | -20.0 | -14.6 | -14.6 |
| 30 | -14.6 | -17.3 | -14.6 | -17.3 | -16.0 | -14.6 | - 9.3 | -13.3 | -20.0 | -20.0 | -21.3 | -20.0 | -18.6 |
| 31 | -16.0 | -14.6 | -14.6 | -18.6 | -17.3 | -16.0 | -18.6 | -18.6 | -26.6 | -26.6 | -21.3 | -18.6 | -17.3 |
| Prom | -21.1 | -19.8 | -18.9 | -21.3 | -22.0 | -21.5 | -20.5 | -19.4 | -23.8 | -22.3 | -21.1 | -19.2 | -19.9 |
| Var. | - 1.3 | 0 | 0.9 | - 1.5 | - 2.2 | - 1.7 | 0.7 | 0.4 | - 4.0 | - 3.5 | - 1.3 | 0.6 | - 0.1 |

## LINEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.8 | 17.2 | 15.4 | 18.9 | 18.9 | 22.3 | 20.6 | 18.9 | 18.9 | 20.6 | 20.6 | 20.3 | 1 |
| 24.0 | 22.3 | 18.9 | 24.0 | 25.8 | 27.4 | 25.8 | 25.8 | 24.0 | 27.4 | 29.2 | 24.9 | 0 |
| 27.4 | 25.8 | 27.4 | 25.8 | 29.2 | 25.8 | 25.8 | 24.0 | 27.4 | 27.4 | 25.8 | 27.5 | 0 |
| 20.6 | 20.6 | 25.8 | 27.4 | 27.4 | 24.0 | 27.4 | 29.2 | 24.0 | 22.3 | 24.0 | 25.4 | 0 |
| 29.2 | 20.6 | 18.9 | 27.4 | 29.2 | 24.0 | 27.4 | 24.0 | 17.9 | - | - | 28.4 | 1 |
| 24.0 | 18.9 | 20.6 | 24.0 | 27.4 | 27.4 | 24.0 | 27.4 | 27.4 | 25.8 | 25.8 | 26.0 | 0 |
| 24.0 | 22.3 | 22.3 | 25.8 | 24.0 | 25.8 | 24.0 | 27.4 | 25.8 | 24.0 | 24.0 | 25.4 | 0 |
| 24.0 | 22.3 | 20.6 | 24.0 | 18.9 | 17.2 | 20.6 | 25.8 | - | - | - | 25.1 | 0 |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30.9 | 22.3 | 24.0 | 24.0 | 27.4 | 25.8 | 18.9 | 25.8 | 25.8 | 24.0 | 24.0 | 24.5 | 0 |
| 25.8 | 22.3 | 22.3 | 24.0 | 24.0 | 27.4 | 22.3 | 24.0 | 22.3 | 27.4 | 27.4 | 24.2 | 0 |
| 22.3 | 22.3 | 17.2 | 13.8 | 22.3 | 18.9 | 24.0 | 20.6 | 25.8 | 30.9 | 27.4 | 24.3 | 0 |
| 17.2 | 20.6 | 12.0 | 15.4 | 12.0 | 13.8 | 22.3 | 17.2 | 17.2 | 24.0 | 25.8 | 20.7 | 1 |
| 18.9 | 20.6 | 17.2 | 22.3 | 24.0 | 24.0 | 24.0 | 22.3 | 17.2 | 27.4 | 24.0 | 22.6 | 1 |
| 18.9 | 13.8 | 18.9 | 20.6 | 20.6 | 15.4 | 15.4 | 22.3 | 22.3 | 20.6 | 25.8 | 21.2 | 0 |
| 17.2 | 24.0 | 22.3 | 20.6 | 20.6 | 6.9 | -10.8 | - 8.1 | - 8.1 | - 6.8 | - 4.1 | 15.0 | 1 |
| 15.4 | 13.8 | 17.2 | 15.4 | - | - | - | - | - | - | - | 9.2 | 1 |
| - 6.8 | - 2.7 | - 2.7 | 3.4 | 1.7 | 1.7 | 1.7 | 3.4 | - 1.4 | - 1.4 | - 1.4 | - 4.1 | 0 |
| - 9.5 | -10.8 | - 9.5 | - 8.1 | - 8.1 | - 8.1 | - 9.5 | - 6.8 | - 6.8 | - 8.1 | - 9.5 | - 6.4 | 0 |
| - | - | -16.3 | -10.8 | - 8.1 | -10.8 | -12.2 | -14.9 | -13.6 | 3.4 | 6.9 | - 8.9 | 1 |
| -13.6 | -16.3 | -12.2 | -12.2 | - 8.1 | -12.2 | - 8.1 | -10.8 | - 9.5 | -13.6 | -10.8 | - 9.4 | 0 |
| -10.8 | -12.2 | -13.6 | -13.6 | - 9.5 | - 9.5 | -13.6 | -13.6 | -14.9 | -10.8 | -10.8 | -10.8 | 0 |
| - 9.5 | -12.2 | -12.2 | -10.8 | - 9.5 | -10.8 | -10.8 | - 9.5 | - 9.5 | -10.8 | -10.8 | - 9.9 | 0 |
| - | - | - | -12.2 | - 9.5 | -10.8 | -10.8 | -12.2 | -10.8 | -12.2 | -12.2 | -10.4 | 0 |
| - 6.8 | -13.6 | -17.6 | -17.6 | -12.2 | -17.6 | -13.6 | -16.3 | -21.7 | -14.9 | - 9.5 | -11.7 | 0 |
| -23.0 | -10.8 | -14.9 | -12.2 | -13.6 | - 9.5 | -10.8 | -12.2 | -10.8 | - 8.1 | - 5.4 | -11.3 | 1 |
| -14.9 | -12.2 | - | -19.0 | -14.9 | -17.6 | -13.6 | -14.9 | - 9.5 | - 8.1 | -10.8 | -12.8 | 0 |
| - 6.8 | -13.6 | -13.6 | -14.9 | -12.2 | - 9.5 | - 8.1 | -17.6 | -13.6 | - 9.5 | - 2.7 | -10.0 | 0 |
| -14.9 | -14.9 | - 8.1 | - 9.5 | - 5.4 | - 8.1 | -10.8 | -10.8 | -10.8 | - 9.5 | -13.6 | -11.3 | 1 |
| - 9.5 | -12.2 | -12.2 | -12.2 | -13.6 | - 9.5 | -13.6 | -12.2 | -13.6 | -13.6 | - 8.1 | - 9.7 | 0 |
| - 2.7 | -23.0 | -27.1 | -21.7 | -21.7 | -19.0 | -24.4 | -23.0 | - 1.4 | 1.7 | - 1.4 | -11.6 | 2 |
| 8.0 | 6.2 | 5.7 | 6.1 | 7.1 | 6.0 | 5.3 | 5.4 | 4.9 | 6.6 | 7.4 | 7.9 | |
| 0.9 | - 1.7 | - 2.2 | - 1.8 | - 0.8 | - 1.9 | - 2.6 | - 2.5 | - 3.0 | - 1.3 | - 0.5 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -24.0 | -21.3 | -20.0 | -24.0 | -26.6 | -25.3 | -25.3 | -22.6 | -20.0 | -26.6 | -25.3 | -21.9 | 0 |
| -24.0 | -21.3 | -21.3 | -25.3 | -22.6 | -24.0 | -24.0 | -24.0 | -25.3 | -26.6 | -26.6 | -22.6 | 0 |
| -26.6 | -21.3 | -21.3 | -20.0 | -25.3 | -21.3 | -22.6 | -21.3 | -21.3 | -22.6 | -22.6 | -23.9 | 0 |
| -21.3 | -22.6 | -24.0 | -24.0 | -26.6 | -26.6 | -25.3 | -26.6 | -21.3 | -26.6 | -25.3 | -23.4 | 0 |
| -14.6 | -14.6 | -13.3 | -22.6 | -21.3 | -17.3 | -18.6 | -24.0 | -21.3 | -21.3 | -24.0 | -20.3 | 0 |
| -16.0 | -17.3 | -18.6 | -21.3 | -27.9 | -26.6 | -26.6 | -20.0 | -18.6 | -22.6 | -22.6 | -22.9 | 0 |
| -16.0 | -17.3 | -20.0 | -21.3 | -21.3 | -20.0 | -18.6 | -20.0 | -18.6 | -18.6 | -20.0 | -20.3 | 0 |
| -14.6 | -12.0 | -10.6 | -10.6 | -21.3 | -22.6 | -22.6 | -18.6 | -21.3 | -20.0 | -22.6 | -20.2 | 0 |
| -10.6 | -13.3 | - 8.0 | -14.6 | -13.3 | -20.0 | -22.6 | -21.3 | -29.3 | -29.3 | -33.2 | -19.3 | 0 |
| -31.9 | -30.6 | -29.3 | -30.6 | -31.9 | -24.0 | -25.3 | -25.3 | -25.3 | -24.0 | -26.6 | -29.0 | 0 |
| -25.3 | -25.3 | -27.9 | -25.3 | -27.9 | -21.3 | -21.3 | -22.6 | -21.3 | -21.3 | -22.6 | -23.9 | 0 |
| -18.6 | -16.0 | -20.0 | -20.0 | -21.3 | -26.6 | -27.9 | -24.0 | -24.0 | -18.6 | -22.6 | -23.1 | 0 |
| -29.3 | -24.0 | -24.0 | -26.6 | -29.3 | -26.6 | -22.6 | -18.6 | -22.6 | -24.0 | -24.0 | -23.7 | 0 |
| -16.0 | -18.6 | -20.0 | -20.0 | -25.3 | -16.0 | -24.0 | -26.6 | -25.3 | -26.6 | -22.6 | -22.6 | 0 |
| -17.3 | -18.6 | -21.3 | -25.3 | -26.6 | -17.3 | -20.0 | -25.3 | -31.9 | -26.6 | -24.0 | -23.7 | 0 |
| -17.3 | -24.0 | -22.6 | -24.0 | -26.6 | -13.3 | -10.6 | -16.0 | -21.3 | -18.6 | -16.0 | -21.9 | 1 |
| -16.0 | -18.6 | -12.0 | -17.3 | - | - | - | - | - | - | - | -14.9 | 2 |
| - | - | - | - | - | - | - | - | -10.6 | -16.0 | -17.3 | -14.6 | - |
| - 9.3 | - 8.0 | -10.6 | -21.3 | -13.3 | -10.6 | -20.0 | -18.6 | -20.0 | -16.0 | -16.0 | -16.8 | 0 |
| - | - | -16.0 | -18.6 | -24.0 | -16.0 | -21.3 | -17.3 | -18.6 | -18.6 | -24.0 | -18.6 | 0 |
| -18.6 | -13.3 | -12.0 | -16.0 | -14.6 | -13.3 | -20.0 | -20.0 | -18.6 | -26.6 | -22.6 | -22.0 | 2 |
| -21.3 | -30.6 | -29.3 | -26.6 | -24.0 | -16.0 | -17.3 | -20.0 | -21.3 | -24.0 | -24.0 | -20.7 | 1 |
| -20.0 | -21.3 | -22.6 | -25.3 | -26.6 | -16.0 | -21.3 | -16.0 | -17.3 | -21.3 | -16.0 | -19.2 | 1 |
| - | - | - | -21.3 | -17.3 | -10.6 | -16.0 | - 9.3 | -13.3 | -16.0 | -17.3 | -17.0 | 0 |
| - | - | - | - | - | - | - | - | - | - | - | -14.2 | 0 |
| -13.3 | -14.6 | -16.0 | -18.6 | -13.3 | - 5.3 | -16.0 | -18.6 | -14.6 | -16.0 | -16.0 | -15.1 | 1 |
| -16.0 | -10.6 | - | -16.0 | -14.6 | - 8.0 | -14.6 | -18.6 | -17.3 | -16.0 | -17.3 | -17.2 | 0 |
| -13.3 | -10.6 | -14.6 | -12.0 | -12.0 | -14.6 | -14.6 | -16.0 | -16.0 | -16.0 | -18.6 | -14.6 | 0 |
| -13.3 | -10.6 | -14.6 | -18.6 | -17.3 | -10.6 | -13.3 | -12.0 | -16.0 | -10.6 | -13.3 | -15.2 | 0 |
| -16.0 | -16.0 | -14.6 | -14.6 | -16.0 | -13.3 | -20.0 | -18.6 | -16.0 | -14.6 | -13.3 | -16.2 | 0 |
| -17.3 | -13.3 | -14.6 | -20.0 | -25.3 | -17.3 | -14.6 | -14.6 | -14.6 | -18.6 | -17.3 | -18.6 | 0 |
| -18.1 | -17.9 | -18.5 | -20.7 | -21.9 | -17.8 | -20.2 | -19.8 | -20.1 | -20.8 | -21.2 | -19.8 | |
| 1.7 | 1.9 | 1.3 | - 0.9 | - 2.1 | 2.0 | - 0.4 | 0 | - 0.3 | - 1.0 | - 1.4 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 54.7 | 54.9 | 55.3 | 55.5 | 55.8 | 56.0 | 56.4 | 56.8 | 56.9 | 57.0 | 58.0 | 58.1 | 58.1 | 58.6 | 59.1 |
| 2 | 65.9 | 66.6 | 66.2 | 66.1 | 66.3 | 66.5 | 66.7 | 66.8 | 67.5 | 67.2 | 66.7 | 65.9 | 64.6 | 64.2 | 64.1 |
| 3 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.2 | 64.6 | 64.7 | 64.5 | 64.5 | 64.4 | 63.8 | 63.2 | 62.2 | 61.9 |
| 4 | 61.5 | 61.4 | 61.4 | 61.0 | 61.3 | 61.3 | 61.2 | 61.4 | 61.3 | 61.3 | 61.3 | 60.4 | 59.5 | 59.3 | 58.5 |
| 5 | 58.3 | 58.3 | 57.9 | 57.7 | 57.9 | 58.4 | 58.9 | 59.9 | 59.6 | 60.1 | 59.5 | 59.6 | 59.7 | 59.1 | 59.0 |
| 6 | 59.8 | 59.9 | 59.9 | 59.7 | 59.2 | 59.0 | 59.1 | 59.2 | 59.8 | 59.1 | 58.5 | 57.4 | 56.2 | 55.8 | 55.2 |
| 7 | 55.1 | 55.3 | 55.3 | 55.0 | 54.9 | 55.1 | 55.2 | 55.2 | 55.4 | 54.8 | 54.6 | 53.5 | 52.2 | 51.2 | 51.0 |
| 8 | 50.4 | 50.4 | 50.3 | 49.4 | 49.4 | 49.5 | 49.5 | 50.0 | 50.1 | 50.1 | 49.8 | 49.8 | 49.7 | 49.0 | 48.9 |
| 9 | 51.6 | 51.6 | 51.6 | 51.9 | 52.7 | 53.3 | 54.5 | 55.4 | 55.9 | 56.0 | 56.8 | 57.2 | 57.4 | 58.4 | 59.4 |
| 10 | 63.3 | 63.9 | 64.1 | 64.1 | 64.2 | 64.8 | 65.1 | 65.3 | 65.9 | 66.2 | 66.2 | 65.4 | 65.0 | 64.8 | 64.0 |
| 11 | 64.1 | 64.0 | 64.1 | 63.7 | 63.5 | 63.2 | 64.0 | 64.3 | 64.1 | 64.6 | 64.2 | 64.1 | 64.1 | 64.0 | 64.1 |
| 12 | 67.0 | 67.1 | 67.3 | 68.0 | 68.2 | 68.5 | 69.2 | 69.8 | 70.3 | 70.6 | 70.2 | 69.9 | 69.6 | 68.9 | 68.9 |
| 13 | 68.5 | 68.4 | 67.9 | 67.6 | 67.2 | 67.4 | 66.9 | 66.8 | 66.7 | 66.5 | 65.6 | 65.1 | 63.5 | 62.6 | 61.6 |
| 14 | 60.5 | 60.0 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 60.0 | 59.9 | 59.9 | 59.9 | 59.5 | 58.9 | 58.0 | 57.9 |
| 15 | 58.8 | 58.0 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.2 | 57.8 | 57.6 | 56.6 | 55.8 | 55.3 | 54.6 |
| 16 | 55.2 | 55.2 | 55.1 | 54.6 | 54.3 | 54.6 | 54.7 | 54.8 | 55.0 | 55.1 | 54.9 | 54.2 | 54.2 | 53.4 | 53.2 |
| 17 | 52.2 | 52.2 | 52.1 | 51.6 | 51.7 | 52.0 | 52.9 | 53.0 | 53.2 | 53.2 | 53.6 | 54.3 | 54.5 | 54.1 | 54.6 |
| 18 | 56.8 | 57.0 | 57.4 | 57.4 | 56.6 | 57.0 | 57.5 | 57.6 | 58.5 | 58.5 | 58.5 | 58.5 | 57.7 | 57.7 | 58.3 |
| 19 | 62.0 | 62.1 | 62.6 | 62.7 | 62.8 | 63.6 | 63.8 | 64.0 | 64.0 | 64.0 | 63.7 | 63.4 | 62.7 | 61.8 | 61.7 |
| 20 | 61.7 | 61.4 | 60.8 | 60.8 | 60.7 | 60.2 | 59.9 | 59.9 | 60.6 | 60.7 | 60.1 | 58.8 | 57.8 | 57.5 | 57.5 |
| 21 | 59.4 | 59.3 | 59.3 | 59.4 | 59.3 | 59.5 | 59.7 | 60.6 | 60.5 | 60.7 | 60.8 | 60.8 | 60.3 | 60.0 | 60.0 |
| 22 | 62.7 | 62.6 | 62.5 | 62.7 | 62.8 | 62.7 | 63.4 | 63.8 | 64.6 | 65.0 | 64.9 | 64.1 | 63.8 | 63.4 | 63.4 |
| 23 | 64.6 | 64.4 | 64.3 | 64.1 | 64.0 | 64.1 | 64.4 | 65.0 | 65.1 | 65.1 | 65.1 | 64.8 | 64.3 | 64.4 | 64.4 |
| 24 | 65.2 | 65.3 | 65.3 | 65.4 | 65.5 | 65.7 | 65.8 | 65.8 | 66.3 | 66.7 | 66.7 | 65.9 | 65.6 | 65.0 | 64.9 |
| 25 | 66.0 | 66.0 | 65.7 | 65.9 | 66.0 | 66.5 | 66.8 | 66.2 | 66.7 | 66.7 | 66.9 | 66.2 | 66.0 | 65.4 | 64.9 |
| 26 | 66.9 | 66.6 | 66.6 | 66.5 | 66.5 | 66.9 | 67.6 | 67.8 | 68.6 | 68.7 | 68.5 | 68.1 | 67.3 | 67.0 | 67.0 |
| 27 | 67.7 | 67.6 | 67.4 | 67.5 | 67.6 | 67.8 | 67.9 | 68.4 | 68.7 | 68.9 | 68.8 | 68.0 | 67.8 | 67.4 | 67.2 |
| 28 | 67.1 | 66.7 | 66.8 | 66.1 | 66.1 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 65.6 | 64.8 | 64.1 | 63.2 | 62.8 |
| 29 | 63.3 | 63.3 | 63.2 | 63.3 | 63.4 | 63.8 | 64.5 | 64.6 | 64.5 | 64.6 | 64.6 | 64.3 | 63.7 | 63.4 | 63.4 |
| 30 | 63.8 | 63.9 | 63.5 | 62.9 | 62.9 | 62.8 | 63.5 | 63.0 | 63.6 | 63.5 | 62.8 | 62.1 | 61.2 | 60.8 | 60.1 |
| 31 | 60.3 | 60.2 | 59.7 | 59.6 | 59.7 | 59.7 | 59.9 | 59.9 | 60.1 | 59.7 | 59.4 | 58.5 | 57.8 | 56.9 | 56.7 |
| Prom | 61.2 | 61.2 | 61.1 | 61.0 | 61.0 | 61.2 | 61.5 | 61.7 | 62.0 | 62.0 | 61.9 | 61.4 | 60.8 | 60.4 | 60.3 |

## 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 | 14.4 | 14.6 | 14.0 | 13.1 | 13.1 | 13.3 | 14.3 | 15.4 | 17.3 | 18.8 | 18.2 | 17.8 | 18.4 | 17.6 | 17.3 |
| 2 | 5.6 | 4.6 | 3.9 | 2.5 | 1.3 | 0.1 | - 0.2 | 4.4 | 8.0 | 11.9 | 14.5 | 15.7 | 16.0 | 16.9 | 16.9 |
| 3 | 7.0 | 7.0 | 7.1 | 7.7 | 8.0 | 8.1 | 8.3 | 8.9 | 12.8 | 16.3 | 18.2 | 19.2 | 20.3 | 20.8 | 21.2 |
| 4 | 11.5 | 11.3 | 10.5 | 9.7 | 9.8 | 9.7 | 9.3 | 11.7 | 14.6 | 17.6 | 19.0 | 20.7 | 21.7 | 22.2 | 22.6 |
| 5 | 13.8 | 13.7 | 13.9 | 14.6 | 15.5 | 15.6 | 15.5 | 16.5 | 18.7 | 21.3 | 23.1 | 24.4 | 25.2 | 25.3 | 25.3 |
| 6 | 18.3 | 17.9 | 17.5 | 17.4 | 16.9 | 17.0 | 17.1 | 18.4 | 20.5 | 22.8 | 24.3 | 24.6 | 24.6 | 26.8 | 26.6 |
| 7 | 19.5 | 19.4 | 18.8 | 18.4 | 18.4 | 18.5 | 18.5 | 19.7 | 21.5 | 24.5 | 26.1 | 27.3 | 28.4 | 28.9 | 28.5 |
| 8 | 24.7 | 24.6 | 24.5 | 24.5 | 24.5 | 24.4 | 24.5 | 24.6 | 25.3 | 27.2 | 28.4 | 28.9 | 29.6 | 30.4 | 30.8 |
| 9 | 15.9 | 16.0 | 15.7 | 15.2 | 14.5 | 14.1 | 12.5 | 11.3 | 11.8 | 12.2 | 12.2 | 12.2 | 11.7 | 11.3 | 11.4 |
| 10 | 11.5 | 11.5 | 11.0 | 10.5 | 10.5 | 10.4 | 9.9 | 10.2 | 10.5 | 12.2 | 12.5 | 13.8 | 15.5 | 16.0 | 16.4 |
| 11 | 11.2 | 11.2 | 11.2 | 11.2 | 10.3 | 10.4 | 10.7 | 12.1 | 14.2 | 15.2 | 15.4 | 15.9 | 17.3 | 17.5 | 17.5 |
| 12 | 7.5 | 6.9 | 6.7 | 6.7 | 6.8 | 7.0 | 7.1 | 8.2 | 11.4 | 13.4 | 15.1 | 16.6 | 16.9 | 17.0 | 16.9 |
| 13 | 11.7 | 11.3 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 12.1 | 13.6 | 15.7 | 17.7 | 19.0 | 20.4 | 20.9 | 21.3 |
| 14 | 16.9 | 17.2 | 17.1 | 16.4 | 16.4 | 15.5 | 15.5 | 15.8 | 16.6 | 17.6 | 17.6 | 19.6 | 20.6 | 20.8 | 20.8 |
| 15 | 18.6 | 18.5 | 17.8 | 17.6 | 17.6 | 17.4 | 16.6 | 17.5 | 18.7 | 21.2 | 22.9 | 24.5 | 24.9 | 25.1 | 24.9 |
| 16 | 19.0 | 19.0 | 18.5 | 18.2 | 18.2 | 18.2 | 18.1 | 19.0 | 19.1 | 20.2 | 22.3 | 21.6 | 20.3 | 22.6 | 23.1 |
| 17 | 20.9 | 20.4 | 20.2 | 19.6 | 19.3 | 19.1 | 17.7 | 17.0 | 17.0 | 17.0 | 15.9 | 13.8 | 12.9 | 12.7 | 12.6 |
| 18 | 12.0 | 11.3 | 11.3 | 11.4 | 11.3 | 11.5 | 11.5 | 11.8 | 12.9 | 13.6 | 13.6 | 14.5 | 14.6 | 14.6 | 14.5 |
| 19 | 11.4 | 11.4 | 11.4 | 11.3 | 11.3 | 11.4 | 11.4 | 11.3 | 11.5 | 12.6 | 14.3 | 15.5 | 16.0 | 17.1 | 17.2 |
| 20 | 10.4 | 10.3 | 9.8 | 9.8 | 10.0 | 10.5 | 9.9 | 10.6 | 11.5 | 14.5 | 14.7 | 15.9 | 16.4 | 16.2 | 16.2 |
| 21 | 10.6 | 10.7 | 10.7 | 9.5 | 8.9 | 8.0 | 6.9 | 6.4 | 7.1 | 9.9 | 11.0 | 11.5 | 11.5 | 11.6 | 11.6 |
| 22 | 3.4 | 3.0 | 2.8 | 2.2 | 1.6 | 1.7 | 2.1 | 2.8 | 3.5 | 4.9 | 6.6 | 8.2 | 10.1 | 10.2 | 10.3 |
| 23 | 7.5 | 7.6 | 7.6 | 7.5 | 6.9 | 7.0 | 6.8 | 6.7 | 6.8 | 7.8 | 8.7 | 9.6 | 9.5 | 9.5 | 9.5 |
| 24 | 2.1 | 1.8 | 1.7 | 1.5 | 0.9 | 0.7 | 0.8 | 2.6 | 4.8 | 7.5 | 9.6 | 10.8 | 12.4 | 12.7 | 12.7 |
| 25 | - 0.2 | - 0.6 | - 1.1 | - 1.2 | - 0.8 | - 0.1 | - 0.9 | 0.3 | 4.0 | 8.1 | 10.3 | 11.2 | 11.9 | 12.0 | 12.3 |
| 26 | - 0.1 | - 0.6 | - 0.8 | - 1.4 | - 1.7 | - 1.9 | - 1.9 | 0.6 | 4.4 | 7.9 | 10.2 | 11.4 | 12.4 | 12.6 | 12.5 |
| 27 | - 0.9 | - 1.1 | - 1.3 | - 1.9 | - 2.2 | - 3.2 | - 3.5 | 0.3 | 5.2 | 9.4 | 11.4 | 12.9 | 13.8 | 14.1 | 14.1 |
| 28 | 0.8 | 0.7 | 0.3 | 0.4 | 1.9 | 1.8 | 2.8 | 3.8 | 6.4 | 9.1 | 11.1 | 12.9 | 13.4 | 13.7 | 13.7 |
| 29 | 5.3 | 5.1 | 5.5 | 5.1 | 4.2 | 3.2 | 3.2 | 4.5 | 8.2 | 11.2 | 14.0 | 15.4 | 16.7 | 17.1 | 16.6 |
| 30 | 6.2 | 7.4 | 7.3 | 7.0 | 6.6 | 6.0 | 6.3 | 7.4 | 9.9 | 12.2 | 14.2 | 15.3 | 16.2 | 16.8 | 16.8 |
| 31 | 11.7 | 11.6 | 10.7 | 10.7 | 10.0 | 9.7 | 9.5 | 9.7 | 10.9 | 13.2 | 15.2 | 17.3 | 18.2 | 19.0 | 19.1 |
| Prom | 10.6 | 10.4 | 10.2 | 9.9 | 9.7 | 9.5 | 9.4 | 10.4 | 12.2 | 14.4 | 15.7 | 16.7 | 17.4 | 17.7 | 17.8 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.2 | 61.0 | 61.9 | 62.9 | 63.8 | 64.6 | 65.3 | 65.7 | 65.8 | 65.8 | 24 | 54.7 | 0,1 | 11.1 | 759.3 mm. | 1012.4 mb |
| 63.5 | 63.5 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 67.5 | 9 | 63.4 | 18 | 4.1 | 65.1 | 1020.1 |
| 61.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.7 | 61.5 | 61.5 | 64.7 | 8 | 61.5 | varios | 3.2 | 62.9 | 1017,2 |
| 58.4 | 58.3 | 58.4 | 58.3 | 58.2 | 58.3 | 58.3 | 58.5 | 58.4 | 61.5 | 0,1 | 58.2 | 20 | 3.3 | 59.9 | 1013.2 |
| 59.0 | 58.9 | 58.9 | 58.8 | 59.2 | 59.6 | 59.7 | 59.8 | 59.8 | 60.1 | 10 | 57.7 | 4 | 2.4 | 59.1 | 1012.1 |
| 55.2 | 55.2 | 55.3 | 55.4 | 55.4 | 55.0 | 55.4 | 55.5 | 55.4 | 59.9 | 2,3 | 55.0 | 21 | 4.9 | 57.3 | 1009,7 |
| 50.8 | 50.2 | 49.9 | 49.3 | 49,3 | 50.3 | 50.0 | 50.3 | 50.4 | 55.4 | 0,9 | 49.0 | 19-20 | 6.4 | 52.7 | 1003.6 |
| 49.3 | 49.7 | 49.6 | 50.2 | 50.4 | 51.1 | 51.5 | 51.7 | 51.5 | 51.7 | 23 | 48.9 | 15 | 2.8 | 50.0 | 1000,0 |
| 59.5 | 60.4 | 60.4 | 61.3 | 61,4 | 62.3 | 63.3 | 63.3 | 63.4 | 63.4 | 24 | 51.5 | 0 | 11.9 | 57.5 | 1010.0 |
| 64.1 | 64.1 | 64.2 | 64.9 | 65.0 | 65.0 | 65.0 | 64.7 | 64.6 | 66.2 | 10,11 | 63.3 | 1 | 2.9 | 64.8 | 1019.7 |
| 64.2 | 65.0 | 65.0 | 65.0 | 65.8 | 65.9 | 66.1 | 67.0 | 67.0 | 67.0 | 23,24 | 63.2 | 6 | 3.8 | 64.6 | 1019.4 |
| 68.8 | 68.8 | 68.8 | 68.7 | 68,7 | 68.6 | 68.6 | 68.6 | 68.6 | 70.6 | 10 | 67.0 | 0,1 | 3.6 | 68.8 | 1025.0 |
| 61.3 | 60.5 | 60.4 | 61.1 | 61,2 | 61.3 | 60.9 | 61.2 | 60.4 | 68.6 | 0 | 60.4 | 18,24 | 8.2 | 64.2 | 1018.9 |
| 57.9 | 58.0 | 58.0 | 58.6 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 60.5 | 1 | 57.9 | 15,16 | 2.6 | 59.2 | 1012.2 |
| 54.7 | 54.8 | 55.0 | 55.2 | 55.4 | 55.4 | 55.4 | 55.3 | 55.3 | 58.9 | 0 | 54.6 | 15 | 4.3 | 56.5 | 1008.6 |
| 53.3 | 53.5 | 53.5 | 53.9 | 53.8 | 53.5 | 53.4 | 52.7 | 52.3 | 55.3 | 0 | 52.3 | 24 | 3.0 | 54.1 | 1005.4 |
| 54.5 | 55.5 | 54.7 | 54.4 | 56.4 | 57.0 | 56.4 | 56.5 | 56.5 | 57.5 | 19-20 | 51.6 | 4 | 5.9 | 54.0 | 1005.3 |
| 58.5 | 58.5 | 59.2 | 59.5 | 60,2 | 60.4 | 61.2 | 61.5 | 62.0 | 62.0 | 24 | 56.4 | 0-1 | 5.6 | 58.6 | 1011.4 |
| 61.7 | 61.8 | 61.9 | 62.1 | 62.2 | 62.0 | 62.3 | 62.4 | 61.8 | 64.0 | varios | 61.7 | 15,16 | 2.3 | 62.6 | 1016.8 |
| 57.5 | 57.7 | 57.5 | 58.1 | 58.1 | 58.2 | 59.3 | 59.3 | 59.3 | 61.8 | 0 | 57.5 | varios | 4.3 | 59.3 | 1012.4 |
| 60.4 | 60.9 | 61.0 | 61.8 | 61.9 | 62.0 | 62.5 | 62.8 | 62.7 | 62.8 | 23 | 59.3 | varios | 3.5 | 60.6 | 1014,1 |
| 63.5 | 63.7 | 63.8 | 63.8 | 63,9 | 63.9 | 63.9 | 64.6 | 64.4 | 65.0 | 10 | 62.5 | 3 | 2.5 | 63.7 | 1018,2 |
| 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 | 64.9 | 65.3 | 65.3 | 65.3 | 23,24 | 64.0 | 5 | 1.3 | 64.6 | 1019.4 |
| 64.9 | 64.9 | 65.0 | 65.3 | 65.6 | 65.8 | 66.0 | 66.0 | 66.1 | 66.7 | 10,11 | 64.9 | varios | 1.8 | 65.6 | 1020.8 |
| 65.1 | 65.5 | 65.9 | 66.0 | 66.2 | 66.2 | 66.3 | 66.5 | 66.7 | 66.9 | 11 | 64.9 | 15 | 2.0 | 66.1 | 1021.4 |
| 67.0 | 67.0 | 66.9 | 67.1 | 67.4 | 67.5 | 67.6 | 67.7 | 67.7 | 68.7 | 10 | 66.5 | 4,5 | 2.2 | 67.4 | 1023.2 |
| 67.2 | 67.2 | 67.3 | 67.8 | 67.8 | 67.5 | 67.3 | 67.2 | 67.1 | 68.9 | 10 | 67.1 | 24 | 1.8 | 67.7 | 1023,6 |
| 62.5 | 62.9 | 63.3 | 63.0 | 63.0 | 63.1 | 63.1 | 63.4 | 63.2 | 67.1 | 0,1 | 62.5 | 16 | 4.6 | 64.6 | 1019.4 |
| 63.4 | 63.5 | 63.5 | 63.7 | 64.4 | 64.1 | 63.8 | 64.3 | 63.8 | 64.8 | 10-11 | 63.2 | 0,3 | 1.6 | 63.8 | 1018.4 |
| 60.1 | 60.2 | 60.3 | 60.2 | 60.2 | 60.3 | 60.5 | 60.5 | 60.5 | 63.9 | 2 | 60.1 | 15,16 | 3.8 | 61.8 | 1015,7 |
| 56.3 | 56.3 | 56.4 | 56.5 | 56.6 | 56.5 | 56.5 | 56.4 | 56.1 | 60.5 | 0 | 56.1 | 24 | 4.4 | 58.2 | 1010.9 |
| 60.3 | 60.4 | 60.5 | 60.7 | 60.9 | 61.1 | 61.2 | 61.4 | 61.3 | 63.3 | | 59.3 | | 4.0 | 61.1 | 1014.8 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16.6 | 15.0 | 13.4 | 12.2 | 10,3 | 9.4 | 8.6 | 7.5 | 6.5 | 18.8 | 10 | 6.5 | 24 | 12.3 | 14.0 |
| 15.6 | 13.7 | 11.6 | 8.6 | 7,5 | 6.6 | 5.8 | 5.8 | 6.4 | 17.5 | 14-15 | - 0.2 | 7 | 17.7 | 8,4 |
| 20.7 | 18.6 | 15.9 | 14.5 | 14,3 | 13.4 | 12.5 | 12.6 | 11.4 | 21.2 | 15 | 6.4 | 0 | 14.8 | 13.5 |
| 21.7 | 19.7 | 17.7 | 16.8 | 16.9 | 16.7 | 15.5 | 14.1 | 13.8 | 22.6 | 15 | 9.3 | 7 | 13,3 | 15,6 |
| 24.4 | 23.2 | 21.5 | 21.1 | 20.5 | 20.2 | 19.0 | 18.7 | 18.5 | 25.3 | 14,15 | 13.7 | 2 | 11.6 | 19.6 |
| 26.0 | 24.1 | 22.9 | 22.2 | 22.0 | 21.3 | 20.4 | 20.4 | 20.4 | 26.8 | 14 | 17.0 | 6 | 9,8 | 21.4 |
| 27.6 | 26.6 | 26.4 | 25.7 | 25.7 | 25.6 | 25.5 | 25.5 | 24.7 | 29.3 | 13-14 | 18.4 | 4,5 | 10.9 | 23.7 |
| 30.7 | 29,0 | 27.1 | 25.1 | 24,2 | 20.3 | 18.3 | 16,5 | 16.3 | 30.8 | 15 | 16.3 | 24 | 14.5 | 25.2 |
| 11.4 | 11.5 | 11.6 | 11.6 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 16.3 | 0 | 11,3 | 8,14 | 5.0 | 12.6 |
| 16.3 | 15.4 | 14.4 | 13.4 | 12.4 | 12.4 | 11.6 | 11.3 | 11.3 | 16.4 | 15 | 9.9 | 7 | 6.5 | 12.5 |
| 16.9 | 16.7 | 15.2 | 14.2 | 12,3 | 11.9 | 11.1 | 9.7 | 8.3 | 17.5 | 14,15 | 8.3 | 24 | 9,2 | 13.2 |
| 16.8 | 15.0 | 13.7 | 12.7 | 12.8 | 12.8 | 12.8 | 12.5 | 11.8 | 17.0 | 14 | 6.7 | 3,4 | 10.3 | 11.9 |
| 20.7 | 19.1 | 17.9 | 17.3 | 17,1 | 16.3 | 16.3 | 16.2 | 16.4 | 21.3 | 15 | 10.7 | varios | 10.6 | 15.6 |
| 20.2 | 20.5 | 20.4 | 19.8 | 19.8 | 19.7 | 19.6 | 19.6 | 19.5 | 20.8 | 14,15 | 15.5 | 6,7 | 5.3 | 18.5 |
| 24.6 | 23.4 | 22.4 | 22.1 | 21.9 | 20.9 | 19.9 | 19.4 | 19.0 | 25.1 | 14 | 16.6 | 7 | 8.5 | 20.7 |
| 23.6 | 22.7 | 21.8 | 21.6 | 21.6 | 21.6 | 21.6 | 21.5 | 21.2 | 23.6 | 16 | 18.1 | 7 | 5.5 | 20.6 |
| 12.9 | 12.5 | 12.4 | 12.0 | 12.0 | 12.1 | 12.1 | 12.2 | 12.1 | 21.2 | 0 | 12.0 | 19,20 | 9.2 | 15.3 |
| 14.4 | 14.3 | 14.3 | 14.3 | 14,2 | 13.8 | 13.3 | 13.2 | 12.4 | 14.6 | 13,14 | 11.3 | varios | 3.3 | 13.1 |
| 16.4 | 15.2 | 14.1 | 13.5 | 12.9 | 12.3 | 11.4 | 11.2 | 10.5 | 17.2 | 15 | 10.5 | 24 | 6.7 | 13.0 |
| 16.0 | 15.2 | 13.9 | 13.2 | 12.7 | 12.3 | 11.4 | 11.0 | 10.5 | 16.4 | 13 | 9.8 | 3,4 | 6.6 | 12.6 |
| 11.2 | 9.1 | 8.8 | 8.6 | 7,7 | 6.7 | 5.8 | 4.9 | 3.9 | 11.6 | 14,15 | 3.9 | 24 | 7.7 | 8.9 |
| 10.1 | 9.7 | 9.2 | 8.6 | 8,2 | 8.1 | 8.1 | 7.9 | 7.6 | 10.3 | 15 | 1.6 | 5 | 8.7 | 6.3 |
| 9.4 | 8.7 | 7.8 | 6.3 | 4.3 | 3.3 | 2.5 | 2.5 | 2.1 | 9.6 | 12 | 2.1 | 24 | 7.5 | 6,9 |
| 12.5 | 10.9 | 7.6 | 5.2 | 3.6 | 2.2 | 1.8 | 0.8 | 0.6 | 12.7 | 14,15 | 0.6 | 24 | 12.1 | 5.3 |
| 11.9 | 10.6 | 6.8 | 4.6 | 2.7 | 1.8 | 1.2 | 0.5 | 0.0 | 12.4 | 15-16 | - 1.3 | 4-5 | 13.7 | 4.4 |
| 11.7 | 10.8 | 8.3 | 5.7 | 4.0 | 2.6 | 2.0 | 1.1 | 0.0 | 12.8 | 13-14 | - 1.9 | 6,7 | 14.7 | 4.6 |
| 14.0 | 11.1 | 7.6 | 5.4 | 3,9 | 2.8 | 2.2 | 1.5 | 1.2 | 14.1 | 14,15 | - 3.6 | 6-7 | 17.7 | 4.9 |
| 12.7 | 11.3 | 8.4 | 6.5 | 5,0 | 5.4 | 4,7 | 5.0 | 4.9 | 13.7 | 14,15 | 0.3 | 3 | 13.4 | 6.5 |
| 15.7 | 13.7 | 10.5 | 8.5 | 7.3 | 6.4 | 5.8 | 4.8 | 4.8 | 17.4 | 14-15 | 2.9 | 6-7 | 14.5 | 8,9 |
| 15.7 | 14.2 | 13.6 | 13.3 | 13.1 | 12.7 | 12.6 | 11.8 | 11.6 | 16.9 | 14-15 | 4.8 | 0 | 12.1 | 11.4 |
| 18.8 | 17.5 | 16.7 | 16.1 | 15.9 | 15.9 | 16.0 | 16.2 | 16.4 | 19.1 | 15 | 9.5 | 7 | 9.6 | 14.4 |
| 17.3 | 16.1 | 14.6 | 13.6 | 12.8 | 12.2 | 11.6 | 11.2 | 10.8 | 18.4 | | 8.0 | | 10.4 | 13.0 |

## HUMEDAD RELATIVA en %

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

## TENSIÓN DEL VAPOR

en mm. de Hg.

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.5 | 11.5 | 11.0 | 10.0 | 10.0 | 10.0 | 11.0 | 11.6 | 11.0 | 11.5 | 10.0 | 8.5 | 7.4 | 7.8 | 7.6 |
| 2 | 5.8 | 5.8 | 5.8 | 5.2 | 4.8 | 4.4 | 4.4 | 5.6 | 5.6 | 6.4 | 5.8 | 5.6 | 5.0 | 4.3 | 6.6 |
| 3 | 6.0 | 6.0 | 6.0 | 6.4 | 6.4 | 7.0 | 7.0 | 6.7 | 7.4 | 7.8 | 8.0 | 7.8 | 7.6 | 7.2 | 7.0 |
| 4 | 7.6 | 8.0 | 7.6 | 7.8 | 7.8 | 8.0 | 8.0 | 8.7 | 8.5 | 8.0 | 8.0 | 8.0 | 9.0 | 8.6 | 8.5 |
| 5 | 8.5 | 9.0 | 9.5 | 10.5 | 11.0 | 12.0 | 11.5 | 12.5 | 12.0 | 13.5 | 14.0 | 15.0 | 14.5 | 15.2 | 14.5 |
| 6 | 14.0 | 13.5 | 14.0 | 14.0 | 13.5 | 13.5 | 13.5 | 14.8 | 14.5 | 14.5 | 15.0 | 14.0 | 14.0 | 14.2 | 13.0 |
| 7 | 14.5 | 15.0 | 14.5 | 14.0 | 14.0 | 14.5 | 14.5 | 14.8 | 16.5 | 17.5 | 16.5 | 18.0 | 17.5 | 18.2 | 18.0 |
| 8 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.4 | 18.0 | 18.0 | 17.5 | 18.0 | 19.0 | 19.0 | 18.5 |
| 9 | 10.0 | 11.0 | 11.0 | 11.5 | 10.5 | 10.0 | 9.5 | 9.5 | 9.5 | 10.0 | 10.0 | 9.5 | 9.5 | 9.5 | 9.5 |
| 10 | 8.0 | 8.0 | 7.8 | 7.2 | 7.2 | 7.2 | 7.0 | 7.2 | 6.8 | 7.0 | 7.2 | 7.2 | 8.0 | 7.8 | 7.8 |
| 11 | 7.6 | 7.6 | 7.6 | 7.8 | 7.6 | 7.6 | 8.0 | 8.5 | 8.5 | 9.0 | 9.0 | 10.0 | 9.5 | 10.9 | 8.0 |
| 12 | 7.4 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 | 7.2 | 8.1 | 8.0 | 8.0 | 7.2 | 6.6 | 7.4 | 8.2 | 8.5 |
| 13 | 8.0 | 8.0 | 7.8 | 7.8 | 8.0 | 8.0 | 8.0 | 8.5 | 7.8 | 8.0 | 8.5 | 8.0 | 9.0 | 8.8 | 8.5 |
| 14 | 9.5 | 9.5 | 9.5 | 9.5 | 10.5 | 10.5 | 10.5 | 11.4 | 10.5 | 11.0 | 12.0 | 13.0 | 12.5 | 13.8 | 14.0 |
| 15 | 13.5 | 13.5 | 13.0 | 12.5 | 12.5 | 12.5 | 12.5 | 12.8 | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 15.4 | 15.5 |
| 16 | 12.5 | 13.0 | 12.5 | 12.5 | 12.5 | 12.5 | 13.0 | 13.4 | 13.0 | 13.5 | 15.0 | 14.5 | 15.0 | 15.4 | 16.0 |
| 17 | 14.0 | 13.5 | 13.5 | 13.0 | 12.5 | 13.0 | 14.5 | 14.4 | 13.5 | 13.5 | 12.5 | 11.0 | 10.5 | 10.5 | 10.0 |
| 18 | 9.0 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.0 | 9.6 | 9.5 | 9.5 | 9.5 | 9.5 | 10.0 | 10.7 | 10.5 |
| 19 | 8.5 | 8.0 | 8.0 | 8.5 | 8.0 | 8.0 | 8.0 | 8.3 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.4 | 9.5 |
| 20 | 8.5 | 8.5 | 8.5 | 9.5 | 8.5 | 9.0 | 8.5 | 9.2 | 9.5 | 10.5 | 10.5 | 10.5 | 10.5 | 11.1 | 11.0 |
| 21 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 7.6 | 7.0 | 6.8 | 6.8 | 7.0 | 7.4 | 7.6 | 7.2 | 7.2 | 6.8 |
| 22 | 5.2 | 5.0 | 5.0 | 5.0 | 4.8 | 4.8 | 5.0 | 5.3 | 5.6 | 6.2 | 7.0 | 5.4 | 5.6 | 6.0 | 6.2 |
| 23 | 6.2 | 6.2 | 6.2 | 6.2 | 6.0 | 6.0 | 6.4 | 6.5 | 6.0 | 5.6 | 5.0 | 5.0 | 4.6 | 4.8 | 4.6 |
| 24 | 5.0 | 5.0 | 4.8 | 4.8 | 4.6 | 4.6 | 4.6 | 4.9 | 4.8 | 5.4 | 6.8 | 5.4 | 5.4 | 5.3 | 5.0 |
| 25 | 4.2 | 4.2 | 4.2 | 4.0 | 4.2 | 4.0 | 4.2 | 4.5 | 4.8 | 4.8 | 4.2 | 4.6 | 4.8 | 4.5 | 4.4 |
| 26 | 4.2 | 4.2 | 4.2 | 4.0 | 4.0 | 3.8 | 3.8 | 4.8 | 4.6 | 4.8 | 4.8 | 5.2 | 5.4 | 5.5 | 5.0 |
| 27 | 4.2 | 4.2 | 4.0 | 3.8 | 3.8 | 3.6 | 3.4 | 4.5 | 5.0 | 5.0 | 5.6 | 5.6 | 4.8 | 5.4 | 5.0 |
| 28 | 4.4 | 4.6 | 4.4 | 4.4 | 5.0 | 5.0 | 5.2 | 5.8 | 5.8 | 6.2 | 6.0 | 5.6 | 5.4 | 5.4 | 5.4 |
| 29 | 5.0 | 5.2 | 5.4 | 5.6 | 5.2 | 5.2 | 5.2 | 5.7 | 5.8 | 6.0 | 6.8 | 6.0 | 5.8 | 6.2 | 6.6 |
| 30 | 5.4 | 5.8 | 5.8 | 6.0 | 6.2 | 6.0 | 6.0 | 6.8 | 7.0 | 7.6 | 7.8 | 8.5 | 9.0 | 8.8 | 9.0 |
| 31 | 8.0 | 8.0 | 8.0 | 8.5 | 8.0 | 8.0 | 8.0 | 8.1 | 7.8 | 8.5 | 9.0 | 9.5 | 10.0 | 10.8 | 10.5 |
| Prom. | 8.5 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.5 | 9.0 | 8.8 | 9.2 | 9.3 | 9.2 | 9.3 | 9.6 | 9.4 |

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

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.2 | 7.2 | 7.0 | 6.4 | 6.5 | 6.2 | 5.8 | 5.8 | 5.8 | 11.6 | 8 | 5.8 | varios | 5.8 | 8.7 |
| 6.8 | 6.6 | 7.2 | 7.2 | 6.2 | 5.8 | 5.8 | 5.6 | 5.4 | 7.2 | 18,19 | 4.3 | 14 | 2.9 | 5.7 |
| 7.6 | 7.6 | 8.0 | 8.0 | 7.6 | 7.0 | 7.2 | 7.2 | 7.2 | 8.0 | varios | 5.4 | 0 | 2.6 | 7.2 |
| 9.0 | 10.5 | 10.0 | 8.5 | 8.9 | 8.5 | 8.5 | 8.5 | 8.5 | 10.5 | 17 | 7.2 | 0 | 3.3 | 8.5 |
| 15.0 | 16.0 | 15.5 | 14.0 | 14.3 | 15.0 | 14.5 | 13.5 | 13.5 | 16.0 | 17 | 8.5 | 0,1 | 7.5 | 13.1 |
| 14.0 | 13.5 | 13.5 | 14.0 | 13.9 | 13.5 | 13.5 | 13.5 | 15.0 | 15.0 | 11,24 | 13.0 | 15 | 2.0 | 13.9 |
| 18.0 | 18.5 | 18.0 | 17.5 | 17.9 | 17.5 | 18.5 | 18.5 | 17.5 | 18.5 | varios | 14.0 | 4,5 | 4.5 | 16.7 |
| 18.5 | 18.5 | 20.5 | 20.5 | 20.2 | 15.0 | 10.0 | 9.5 | 10.0 | 20.5 | 18,19 | 9.5 | 23 | 11.0 | 17.5 |
| 9.5 | 9.0 | 8.5 | 8.5 | 9.2 | 8.5 | 8.5 | 8.5 | 8.0 | 11.5 | 4 | 8.0 | 24 | 3.5 | 9.5 |
| 7.8 | 7.4 | 7.6 | 8.0 | 8.0 | 8.0 | 7.8 | 7.6 | 7.6 | 8.0 | varios | 6.8 | 9 | 1.2 | 7.6 |
| 8.5 | 9.0 | 9.0 | 9.0 | 9.1 | 9.0 | 9.0 | 8.5 | 7.8 | 10.9 | 14 | 7.6 | varios | 3.3 | 8.6 |
| 8.0 | 7.8 | 8.0 | 8.0 | 8.4 | 8.0 | 8.0 | 8.0 | 7.8 | 8.5 | 15 | 6.6 | 12 | 1.9 | 7.7 |
| 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 20 | 7.8 | varios | 1.5 | 8.5 |
| 15.0 | 15.5 | 15.0 | 15.5 | 15.2 | 14.5 | 14.5 | 13.5 | 13.5 | 15.5 | 17,19 | 9.0 | 0 | 6.5 | 12.5 |
| 15.0 | 15.0 | 14.0 | 14.0 | 14.4 | 13.0 | 13.0 | 12.5 | 12.5 | 15.5 | 13,15 | 12.0 | 9 | 3.5 | 13.6 |
| 15.5 | 15.5 | 16.5 | 16.5 | 16.0 | 15.5 | 15.5 | 15.5 | 15.0 | 16.5 | 18,19 | 12.5 | varios | 4.0 | 14.4 |
| 10.5 | 10.0 | 10.0 | 10.0 | 10.5 | 10.0 | 10.0 | 10.0 | 10.0 | 15.0 | 0 | 10.0 | varios | 5.0 | 11.7 |
| 10.5 | 11.0 | 10.0 | 11.0 | 11.6 | 10.5 | 9.5 | 9.5 | 8.5 | 11.6 | 20 | 8.5 | 24 | 3.1 | 9.8 |
| 11.0 | 11.0 | 10.0 | 9.5 | 10.0 | 9.5 | 9.0 | 9.0 | 9.0 | 11.0 | 16,17 | 8.0 | varios | 3.0 | 9.1 |
| 10.0 | 10.0 | 10.0 | 10.0 | 10.4 | 9.5 | 9.5 | 9.5 | 9.5 | 11.1 | 14 | 8.5 | varios | 2.6 | 9.6 |
| 6.6 | 6.6 | 6.8 | 6.8 | 6.3 | 5.6 | 5.6 | 5.2 | 5.2 | 9.5 | 0 | 5.2 | 23,24 | 4.3 | 7.0 |
| 6.0 | 6.4 | 6.2 | 6.4 | 6.8 | 6.6 | 6.0 | 6.0 | 6.2 | 7.0 | 11 | 4.8 | 5,6 | 2.2 | 5.8 |
| 5.0 | 5.6 | 6.0 | 6.0 | 6.2 | 5.4 | 5.2 | 5.2 | 5.0 | 6.5 | 8 | 4.6 | 13,15 | 1.9 | 5.6 |
| 5.0 | 5.4 | 6.2 | 6.0 | 5.3 | 5.0 | 5.0 | 4.6 | 4.4 | 6.8 | 11 | 4.4 | 24 | 2.4 | 5.1 |
| 4.2 | 4.8 | 5.2 | 5.4 | 5.2 | 5.0 | 4.8 | 4.4 | 4.4 | 5.4 | 19 | 4.0 | 4,6 | 1.4 | 4.5 |
| 5.8 | 6.4 | 6.2 | 6.2 | 5.7 | 5.2 | 5.0 | 4.6 | 4.4 | 6.4 | 17 | 3.8 | 6,7 | 2.6 | 4.9 |
| 5.0 | 6.6 | 6.2 | 5.8 | 5.8 | 5.0 | 4.8 | 4.6 | 4.4 | 6.6 | 17 | 3.4 | 7 | 3.2 | 4.8 |
| 5.0 | 5.6 | 5.4 | 5.4 | 5.5 | 5.0 | 5.2 | 4.8 | 5.2 | 6.2 | 10 | 4.4 | 3,4 | 1.8 | 5.2 |
| 6.2 | 7.2 | 7.2 | 7.0 | 7.2 | 6.8 | 5.8 | 5.8 | 5.4 | 7.2 | varios | 5.0 | 1 | 2.2 | 6.0 |
| 8.5 | 9.0 | 8.5 | 8.5 | 8.9 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | varios | 5.4 | 0,1 | 3.6 | 7.6 |
| 10.5 | 11.0 | 10.5 | 10.0 | 10.6 | 9.5 | 9.5 | 10.0 | 10.5 | 11.0 | 17 | 7.8 | 9 | 3.2 | 9.3 |
| 9.5 | 9.8 | 9.7 | 9.6 | 9.7 | 9.1 | 8.8 | 8.6 | 8.5 | 10.8 | | 7.3 | | 3.5 | 9.0 |

# VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

| HORAS | 0-1 | | 1-2 | | 2-3 | | 3-4 | | 4-5 | | 5-6 | | 6-7 | | 7-8 | | 8-9 | | 9-10 | | 10-11 | | 11-12 | | 12-13 | | 13-14 | | 14-15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DÍAS | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | W | 14 | SW | 10 | SW | 9 | SW | 7 | SW | 7 | SW | 8 | SW | 6 | W | 7 | S | 11 | S | 17 | S | 22 | S | 26 | S | 27 | S | 24 | S | 22 |
| 2 | SE | 7 | SE | 6 | SE | 7 | S | 6 | S | 6 | S | 6 | S | 7 | S | 4 | SE | 6 | E | 5 | N | 4 | N | 5 | N | 5 | N | 9 | N | 8 |
| 3 | NW | 9 | NW | 10 | NW | 11 | NW | 7 | NW | 3 | NW | 6 | NW | 6 | NW | 6 | NW | 10 | W | 16 | NW | 16 | NW | 5 | NW | 19 | W | 17 | W | 19 |
| 4 | NW | 17 | NW | 13 | NW | 11 | NW | 14 | NW | 15 | NW | 13 | NW | 12 | N | 13 | N | 16 | N | 17 | N | 25 | NW | 23 | NW | 19 | NW | 18 | N | 16 |
| 5 | NW | 18 | NW | 17 | NW | 15 | NW | 19 | NW | 21 | NW | 20 | NW | 12 | NW | 8 | N | 13 | NW | 19 | NW | 21 | NW | 25 | W | 22 | NW | 20 | NW | 20 |
| 6 | NW | 13 | NW | 14 | NW | 13 | N | 13 | N | 13 | N | 12 | N | 15 | N | 15 | N | 16 | N | 22 | NW | 26 | NW | 27 | NW | 28 | NW | 28 | NW | 22 |
| 7 | N | 12 | N | 10 | N | 8 | N | 10 | N | 10 | N | 14 | N | 16 | N | 16 | N | 20 | NW | 23 | NW | 21 | NW | 24 | NW | 23 | NW | 27 | NW | 25 |
| 8 | N | 20 | N | 26 | N | 27 | N | 26 | N | 26 | N | 26 | N | 28 | N | 32 | NW | 32 | NW | 36 | NW | 41 | W | 42 | W | 34 | W | 29 | W | 27 |
| 9 | E | 13 | E | 9 | E | 13 | E | 14 | SE | 15 | SE | 21 | SE | 29 | E | 27 | E | 23 | E | 20 | E | 21 | E | 22 | E | 21 | E | 25 | E | 23 |
| 10 | SE | 14 | SE | 14 | SE | 13 | SE | 14 | SE | 11 | SE | 9 | SE | 7 | SE | 11 | E | 12 | E | 11 | E | 10 | E | 12 | E | 13 | E | 14 | E | 11 |
| 11 | E | 8 | E | 6 | E | 6 | SE | 8 | E | 8 | E | 7 | E | 7 | SE | 9 | SE | 10 | E | 9 | E | 10 | E | 8 | E | 10 | E | 10 | E | 12 |
| 12 | E | 6 | E | 5 | E | 5 | SE | 4 | SE | 5 | SE | 5 | E | 6 | E | 5 | E | 6 | E | 10 | E | 13 | NE | 16 | NE | 20 | NE | 21 | NE | 18 |
| 13 | N | 16 | N | 15 | N | 15 | N | 18 | N | 17 | N | 11 | N | 16 | N | 21 | E | 24 | E | 26 | E | 24 | E | 28 | NE | 27 | NE | 29 | NE | 26 |
| 14 | NE | 23 | NE | 25 | NE | 24 | NE | 22 | NE | 21 | NE | 21 | NE | 22 | NE | 22 | NE | 25 | NE | 28 | NE | 24 | N | 21 | N | 27 | N | 27 | N | 23 |
| 15 | N | 18 | NE | 19 | NE | 20 | NE | 20 | N | 18 | N | 20 | NE | 17 | NE | 18 | N | 23 | N | 22 | N | 25 | N | 25 | N | 23 | N | 22 | N | 19 |
| 16 | N | 26 | N | 24 | N | 22 | N | 19 | N | 21 | N | 21 | N | 22 | N | 25 | N | 27 | N | 25 | N | 25 | N | 22 | N | 16 | N | 15 | N | 17 |
| 17 | N | 30 | N | 31 | N | 27 | N | 26 | N | 23 | N | 23 | NW | 16 | N | 17 | N | 17 | N | 11 | N | 11 | S | 13 | S | 14 | S | 13 | S | 10 |
| 18 | S | 24 | S | 14 | S | 13 | S | 14 | S | 15 | S | 14 | S | 11 | S | 10 | S | 13 | S | 14 | S | 14 | S | 12 | S | 12 | S | 11 | S | 9 |
| 19 | S | 9 | S | 9 | S | 10 | S | 9 | S | 9 | S | 9 | S | 8 | S | 9 | S | 12 | S | 11 | S | 9 | S | 11 | S | 7 | S | 9 | S | 10 |
| 20 | S | 6 | S | 6 | S | 4 | S | 7 | S | 6 | S | 6 | S | 7 | S | 7 | S | 8 | S | 8 | S | 6 | S | 5 | SE | 6 | S | 6 | S | 4 |
| 21 | S | 10 | S | 7 | S | 11 | SW | 14 | S | 11 | S | 11 | SW | 8 | SW | 8 | S | 9 | S | 12 | S | 13 | S | 17 | SW | 20 | SW | 18 | SW | 21 |
| 22 | W | 9 | SW | 7 | SW | 8 | W | 8 | W | 8 | W | 10 | SW | 10 | SW | 7 | W | 6 | SW | 4 | W | 6 | SW | 6 | SW | 6 | W | 6 | SW | 9 |
| 23 | W | 7 | W | 8 | W | 8 | W | 8 | W | 8 | W | 6 | W | 4 | W | 7 | W | 7 | W | 10 | W | 12 | W | 14 | W | 13 | W | 11 | W | 10 |
| 24 | NW | 12 | NW | 10 | NW | 11 | W | 10 | NW | 10 | NW | 9 | W | 9 | W | 8 | W | 10 | W | 10 | W | 11 | W | 12 | W | 15 | SW | 16 | SW | 13 |
| 25 | W | 6 | W | 7 | SW | 9 | SW | 9 | SW | 8 | SW | 9 | SW | 5 | SW | 7 | C | 0 | S | 3 | S | 7 | SW | 7 | SW | 10 | SW | 9 | SW | 11 |
| 26 | W | 7 | W | 7 | S | 7 | W | 7 | W | 7 | W | 7 | W | 8 | W | 7 | W | 7 | W | 7 | W | 8 | SW | 10 | SW | 9 | SW | 8 | W | 7 |
| 27 | W | 2 | W | 4 | W | 7 | W | 6 | W | 7 | W | 6 | W | 3 | W | 5 | W | 4 | SW | 5 | S | 7 | S | 6 | S | 6 | S | 5 | S | 3 |
| 28 | NW | 8 | N | 8 | N | 7 | N | 8 | N | 10 | N | 9 | N | 10 | N | 12 | N | 15 | N | 14 | N | 17 | N | 19 | N | 23 | N | 25 | N | 21 |
| 29 | NW | 13 | NW | 13 | NW | 13 | NW | 14 | N | 10 | N | 8 | N | 9 | N | 11 | N | 11 | N | 13 | N | 13 | N | 14 | N | 13 | N | 13 | N | 12 |
| 30 | NE | 10 | NE | 9 | N | 13 | N | 13 | N | 10 | NE | 9 | NE | 12 | NE | 12 | N | 16 | N | 15 | N | 16 | N | 16 | N | 15 | NE | 16 | NE | 12 |
| 31 | NE | 15 | NE | 15 | NE | 14 | NE | 14 | NE | 11 | NE | 11 | NE | 9 | NE | 10 | NE | 13 | N | 17 | N | 16 | N | 16 | N | 17 | NE | 16 | NE | 16 |
| DIR. PREV. | NW | | N-NW | | N | | N | | N | | N | | N | | N | | N | | N | | N | | N | | N | | N-S | | N | |
| Nº de HORAS | 7 | | 6 | | 7 | | 8 | | 10 | | 9 | | 7 | | 9 | | 10 | | 9 | | 9 | | 8 | | 8 | | 6 | | 7 | |
| PROM. HOR. DE LA VELOC. | | 13 | | 12 | | 12 | | 13 | | 12 | | 12 | | 12 | | 12 | | 14 | | 15 | | 16 | | 17 | | 17 | | 17 | | 15 |

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTÁNEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| S | 20 | S | 14 | SE | 9 | SE | 8 | SE | 8 | SE | 10 | SE | 8 | SE | 9 | SE | 8 | S | 9 | 13 | 50 | S | 2.27 |
| N | 12 | N | 6 | NW | 8 | NW | 7 | NW | 10 | NW | 9 | NW | 8 | NW | 9 | NW | 13 | N-NW | 7 | 7 | 16 | NW | 14.04 |
| NW | 16 | NW | 12 | NW | 18 | N | 9 | NW | 15 | NW | 14 | NW | 11 | NW | 17 | NW | 17 | NW | 20 | 12 | 17 | NW | 14.08 |
| N | 16 | N | 14 | N | 10 | N | 13 | N | 18 | N | 18 | N | 17 | NW | 15 | NW | 17 | N-NW | 12 | 16 | 39 | NW | 11.00 |
| N | 12 | N | 9 | N | 7 | N | 12 | N | 11 | N | 12 | N | 8 | N | 11 | N | 13 | NW | 13 | 15 | 36 | NW | 12.27 |
| N | 23 | N | 13 | N | 13 | N | 14 | N | 18 | N | 17 | N | 17 | N | 19 | N | 17 | N | 16 | 18 | 44 | W | 12.12 |
| N | 18 | N | 18 | N | 18 | N | 18 | N | 21 | N | 17 | N | 21 | N | 21 | N | 22 | N | 18 | 18 | 39 | NW | 13.59 |
| W | 23 | NW | 9 | N | 5 | C | 1 | N | 6 | SE | 15 | E | 19 | E | 17 | E | 16 | N | 10 | 23 | 61 | W | 11.31 |
| E | 20 | E | 18 | E | 12 | SE | 13 | SE | 14 | SE | 14 | SE | 12 | SE | 13 | SE | 15 | E | 15 | 18 | 54 | E | 7.29 |
| E | 12 | E | 7 | E | 6 | E | 8 | E | 14 | E | 11 | E | 9 | E | 8 | E | 6 | E | 16 | 11 | 30 | SE | 2.54 |
| E | 14 | E | 10 | E | 9 | E | 10 | E | 7 | E | 5 | E | 5 | E | 5 | E | 7 | E | 21 | 8 | 28 | E | 15.18<br>15.39 |
| NE | 17 | E | 12 | E | 11 | E | 11 | NE | 16 | NE | 17 | N | 18 | N | 19 | N | 16 | E | 11 | 12 | 31 | NE | varios |
| NE | 27 | NE | 22 | NE | 21 | NE | 20 | NE | 23 | NE | 23 | NE | 23 | NE | 20 | NE | 24 | NE | 12 | 21 | 42 | NE | varios |
| NE | 15 | NE | 14 | NE | 16 | NE | 16 | NE | 15 | NE | 15 | NE | 15 | NE | 16 | NE | 20 | NE | 20 | 21 | 41 | NE | 9.28 |
| NE | 19 | NE | 12 | NE | 13 | NE | 18 | NE | 21 | NE | 22 | NE | 24 | NE | 23 | N | 24 | NE | 13 | 20 | 38 | NE | 20.59 |
| N | 19 | N | 13 | NE | 6 | NE | 8 | N | 11 | N | 12 | N | 18 | N | 26 | N | 33 | N | 22 | 20 | 46 | N | 23.55 |
| S | 15 | S | 14 | S | 14 | S | 16 | S | 15 | S | 11 | S | 18 | S | 18 | S | 16 | S | 13 | 17 | 48 | N | 1.46 |
| S | 9 | S | 9 | S | 7 | S | 8 | S | 9 | S | 12 | S | 12 | S | 9 | S | 12 | S | 24 | 12 | 46 | S | 1.46 |
| S | 9 | S | 9 | E | 10 | E | 11 | SE | 10 | SE | 8 | S | 6 | S | 5 | S | 5 | S | 20 | 9 | 29 | S | 14.12 |
| S | 5 | S | 9 | S | 12 | S | 10 | S | 11 | S | 10 | S | 12 | S | 13 | S | 11 | S | 23 | 8 | 25 | S | 17.08 |
| SW | 20 | SW | 19 | SW | 10 | W | 8 | SE | 10 | SE | 13 | SW | 14 | SW | 10 | SW | 11 | SW | 12 | 13 | 42 | SW | 16.17 |
| SW | 9 | SW | 5 | W | 6 | W | 3 | W | 4 | W | 6 | W | 5 | W | 8 | W | 6 | W | 14 | 7 | 14 | SW | varios |
| W | 10 | W | 4 | W | 3 | NW | 3 | NW | 7 | NW | 7 | NW | 8 | NW | 8 | NW | 10 | W | 18 | 8 | 27 | W | 12.22 |
| W | 11 | W | 7 | W | 4 | W | 5 | SW | 5 | W | 5 | W | 5 | W | 7 | W | 7 | W | 16 | 9 | 31 | SW | 13.38 |
| SW | 9 | SW | 6 | SW | 3 | SW | 6 | SW | 3 | W | 4 | W | 6 | W | 5 | W | 7 | SW | 15 | 16 | 22 | SW | 12.10 |
| W | 6 | SW | 5 | C | 1 | C | 1 | C | 1 | C | 0 | W | 2 | W | 3 | W | 3 | W | 15 | 6 | 15 | W | 11.56 |
| C | 1 | C | 0 | NE | 4 | NE | 5 | NE | 6 | NE | 6 | NE | 5 | NE | 5 | NE | 6 | W | 9 | 5 | 12 | S | 11.44 |
| N | 20 | NW | 11 | NW | 6 | N | 9 | N | 8 | N | 10 | N | 8 | N | 11 | N | 12 | N | 21 | 13 | 36 | N | 13.46 |
| N | 7 | N | 6 | N | 7 | NE | 5 | NE | 5 | NE | 8 | NE | 9 | NE | 7 | NE | 10 | N | 14 | 10 | 19 | N | 11.24 |
| NE | 13 | NE | 9 | NE | 13 | NE | 13 | NE | 16 | NE | 16 | NE | 15 | NE | 16 | NE | 15 | NE | 16 | 13 | 22 | N | 11.12 |
| NE | 14 | NE | 10 | NE | 9 | NE | 12 | NE | 12 | NE | 16 | NE | 18 | NE | 17 | NE | 16 | NE | 20 | 14 | 25 | NE | 10.45 |
| N | | W | | NE | | NE | | NE | | NE | | N-NE | | NE | | N | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MÁXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | | | | 108 Km. | | |
| 8 | | 7 | | 7 | | 8 | | 8 | | 8 | | 7 | | 7 | | 7 | | DIR. | HORAS | | DIREC. | DÍA | HORA |
| | 14 | | 11 | | 9 | | 10 | | 11 | | 12 | | 12 | | 13 | | 13 | N | 179 | 13 | W | 8 | de 11.15 a 11.20 |

# FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

| DÍAS | NORTE | | NORESTE | | ESTE | | SUDESTE | | SUD | | SUDOESTE | | OESTE | | NOROESTE | | Calma | TOTALES DIARIOS DE KILÓMETROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | |
| 1 | | | | | | | 7 | 60 | 9 | 183 | 6 | 47 | 2 | 21 | | | | 311 |
| 2 | 7 | 49 | | | 1 | 5 | 4 | 26 | 5 | 29 | | | | | 7 | 64 | | 173 |
| 3 | 1 | 9 | | | | | | | | | | | 3 | 52 | 20 | 238 | | 299 |
| 4 | 12 | 193 | | | | | | | | | | | | | 12 | 187 | | 380 |
| 5 | 10 | 108 | | | | | | | | | | | 1 | 22 | 13 | 235 | | 365 |
| 6 | 16 | 257 | | | | | | | | | | | | | 8 | 171 | | 428 |
| 7 | 18 | 290 | | | | | | | | | | | | | 6 | 143 | | 433 |
| 8 | 10 | 222 | | | 3 | 52 | 1 | 15 | | | | | 5 | 155 | 4 | 118 | 1 | 563 |
| 9 | | | | | 15 | 281 | 9 | 146 | | | | | | | | | | 427 |
| 10 | | | | | 16 | 164 | 8 | 93 | | | | | | | | | | 257 |
| 11 | | | | | 21 | 173 | 3 | 27 | | | | | | | | | | 200 |
| 12 | 3 | 53 | 7 | 125 | 11 | 90 | 3 | 14 | | | | | | | | | | 282 |
| 13 | 8 | 129 | 12 | 285 | 4 | 102 | | | | | | | | | | | | 516 |
| 14 | 4 | 98 | 20 | 399 | | | | | | | | | | | | | | 497 |
| 15 | 11 | 239 | 13 | 246 | | | | | | | | | | | | | | 485 |
| 16 | 22 | 459 | 2 | 14 | | | | | | | | | | | | | | 473 |
| 17 | 10 | 216 | | | | | | | 13 | 187 | | | | | 1 | 16 | | 419 |
| 18 | | | | | | | | | 24 | 287 | | | | | | | | 287 |
| 19 | | | | | 2 | 21 | 2 | 18 | 20 | 175 | | | | | | | | 214 |
| 20 | | | | | | | 1 | 6 | 23 | 179 | | | | | | | | 185 |
| 21 | | | | | | | 2 | 23 | 9 | 101 | 12 | 173 | 1 | 8 | | | | 305 |
| 22 | | | | | | | | | | | 10 | 71 | 14 | 91 | | | | 162 |
| 23 | | | | | | | | | | | | | 18 | 150 | 6 | 43 | | 193 |
| 24 | | | | | | | | | | | 3 | 34 | 16 | 136 | 5 | 52 | | 222 |
| 25 | | | | | | | | | 2 | 10 | 15 | 111 | 6 | 35 | | | 1 | 156 |
| 26 | | | | | | | | | 1 | 7 | 4 | 32 | 15 | 93 | | | 4 | 135 |
| 27 | | | 7 | 37 | | | | | 5 | 27 | 1 | 5 | 9 | 44 | | | 2 | 114 |
| 28 | 21 | 276 | | | | | | | | | | | | | 3 | 25 | | 301 |
| 29 | 14 | 147 | 6 | 44 | | | | | | | | | | | 4 | 53 | | 244 |
| 30 | 8 | 114 | 16 | 205 | | | | | | | | | | | | | | 319 |
| 31 | 4 | 66 | 20 | 268 | | | | | | | | | | | | | | 334 |
| SUMAS | 179 | 2925 | 103 | 1623 | 73 | 888 | 40 | 428 | 111 | 1185 | 51 | 473 | 90 | 807 | 89 | 1345 | | 9579 |
| % PREVAL POR VELOCIDAD | 30.2 | | 16.8 | | 9.2 | | 4.4 | | 12.2 | | 4.9 | | 8.3 | | 13.9 | | 0.5 | VELOCIDAD MEDIA DIARIA EN EL MES |
| VELOCIDAD MEDIA POR DIRECCIÓN | 16 | | 16 | | 12 | | 11 | | 11 | | 9 | | 9 | | 15 | | 1.0 | 312 |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 6 | 3 | 3 | 2 | 4 | - | 6 | 7 | - |
| 1 - 2 | 6 | 4 | 3 | 2 | 4 | 2 | 4 | 6 | - |
| 2 - 3 | 7 | 3 | 3 | 2 | 5 | 3 | 2 | 6 | - |
| 3 - 4 | 8 | 3 | 1 | 3 | 4 | 3 | 5 | 4 | - |
| 4 - 5 | 10 | 2 | 1 | 3 | 5 | 2 | 4 | 4 | - |
| 5 - 6 | 9 | 3 | 1 | 3 | 5 | 2 | 4 | 4 | - |
| 6 - 7 | 7 | 4 | 2 | 2 | 4 | 4 | 4 | 4 | - |
| 7 - 8 | 9 | 4 | 2 | 2 | 4 | 3 | 5 | 2 | - |
| 8 - 9 | 10 | 2 | 4 | 2 | 5 | - | 5 | 2 | 1 |
| 9 - 10 | 9 | 1 | 6 | - | 6 | 2 | 4 | 3 | - |
| 10 - 11 | 9 | 1 | 5 | - | 7 | - | 4 | 5 | - |
| 11 - 12 | 8 | 1 | 4 | - | 7 | 3 | 3 | 5 | - |
| 12 - 13 | 8 | 2 | 3 | 1 | 5 | 4 | 4 | 4 | - |
| 13 - 14 | 6 | 4 | 3 | - | 6 | 4 | 4 | 4 | - |
| 14 - 15 | 7 | 4 | 3 | - | 6 | 4 | 4 | 3 | - |
| 15 - 16 | 8 | 6 | 3 | - | 5 | 3 | 4 | 1 | 1 |
| 16 - 17 | 7 | 5 | 4 | - | 5 | 4 | 2 | 3 | 1 |
| 17 - 18 | 6 | 7 | 5 | 1 | 3 | 2 | 3 | 3 | 1 |
| 18 - 19 | 6 | 8 | 4 | 2 | 3 | 1 | 3 | 2 | 2 |
| 19 - 20 | 7 | 8 | 2 | 4 | 3 | 2 | 1 | 3 | 1 |
| 20 - 21 | 6 | 8 | 2 | 5 | 3 | - | 3 | 3 | 1 |
| 21 - 22 | 7 | 7 | 3 | 2 | 4 | 1 | 4 | 3 | - |
| 22 - 23 | 6 | 7 | 3 | 2 | 4 | 1 | 4 | 4 | - |
| 23 - 24 | 7 | 6 | 3 | 2 | 4 | 1 | 4 | 4 | - |
| SUMAS | 179 | 103 | 73 | 40 | 111 | 51 | 90 | 89 | 8 |
| % de frec. por dirección | 24.0 | 13.8 | 9.8 | 5.4 | 14.9 | 6.8 | 12.1 | 12.0 | 1.1 |

# NUBES. VISIBILIDAD

| DÍAS | NUBES | | | | | | | | | | VISIBILIDAD | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | | 12h | | 14h | | 18h | | 20h | | 8h | 14h | 20h |
| | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | CLASE | 0-10 | 0 - 9 | | |
| 1 | Sc | 8 | Sc | 7 | Cu 2 Ci 1 | 3 | Ac | 2 | Claro | 0 | 95 | 96 | 96 |
| 2 | Claro | 0 | Claro | 0 | Claro | 0 | Ci Cs | 2 | Ci | 1 | 7 | 8 | 3 |
| 3 | Ac | 2 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 7 | 7 | 7 |
| 4 | Cs | 8 | Ci Cs | 6 | Ci Cs | 6 | Ci Cs | 3 | Ci Cs | 3 | 7 | 7 | 7 |
| 5 | Ci | 8 | Cu 5 Cs 3 | 8 | Cu 4 Cs 3 | 7 | Ci | 4 | Ci | 5 | 6 | 7 | 6 |
| 6 | Ci | 2 | Ci | 1 | Ci Cs | 3 | Ci Cs | 3 | Ci Cs | 5 | 7 | 5 | 6 |
| 7 | Cb Cs 5 | 8 | Cs 4 Ac 4 | 8 | Cb 1 Ac 4 | 5 | Ci | 3 | Ci | 3 | 7 | 6 | 6 |
| 8 | Ac | 6 | Ac | 6 | Cb 3 Ac 3 | 6 | Ac | 2 | Ac | 5 | 7 | 7 | 7 |
| 9 | Fs | 8 | St | 8 | St | 8 | St | 8 | St | 8 | 6 | 5 | 6 |
| 10 | Ac | 7 | Ac | 7 | Ac | 6 | Ac | 5 | Ac | 2 | 7 | 7 | 7 |
| 11 | Ac 5 Ci 3 | 8 | Sc | 7 | Cu 3 Ac 4 | 7 | Claro | 0 | Claro | 0 | 7 | 7 | 7 |
| 12 | Claro | 0 | Claro | 0 | Cu | 2 | Claro | 0 | Claro | 0 | 6 | 7 | 7 |
| 13 | Claro | 0 | Claro | 0 | Ci | 3 | Claro | 0 | Claro | 0 | 7 | 7 | 7 |
| 14 | Sc 2 Ac 6 | 8 | Ac As | 8 | As Ac | 8 | As | 8 | As Ac | 6 | 7 | 7 | 6 |
| 15 | Ac | 6 | Ci Cs 6 Cb 2 | 8 | Cb 4 Ci Cs 4 | 8 | Sc | 8 | Sc | 8 | 6 | 6 | 6 |
| 16 | Ac | 7 | Ac As | 8 | Cb 2 Ac 4 | 6 | Cb 5 Ac 2 | 7 | Cb | 6 | 7 | 7 | 6 |
| 17 | Ns | 8 | Ns | 8 | Ns | 8 | Ns | 8 | Ns | 8 | 4 | 6 | 6 |
| 18 | Ac 3 Ci 2 | 5 | Sc | 8 | Sc | 8 | Sc | 8 | Sc | 8 | 8 | 7 | 6 |
| 19 | Sc | 8 | Cu | 3 | Cu | 4 | Claro | 0 | Claro | 0 | 7 | 7 | 7 |
| 20 | As | 6 | Ac | 7 | Cb | 7 | Cb 2 Ac 4 | 6 | St | 8 | 5 | 6 | 6 |
| 21 | Fc | 4 | Cb | 5 | Cb | 5 | Sc | 5 | Claro | 0 | 7 | 8 | 8 |
| 22 | Claro | 0 | Sc 3 Ac 3 | 6 | Sc 4 Ac 2 | 6 | Ac | 7 | Ac | 8 | 1 | 6 | 6 |
| 23 | Sc | 8 | Sc | 8 | Sc | 8 | Ac | 4 | Claro | 0 | 7 | 7 | 7 |
| 24 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | Claro | 0 | 8 | 9 | 8 |
| 25 | Claro | 0 | Ci 1 Cu 2 | 3 | Cu 5 Ci 1 | 6 | Claro | 0 | Claro | 0 | 7 | 8 | 8 |
| 26 | Claro | 0 | Ac 3 Fc 2 | 5 | Fc | 7 | Claro | 0 | Claro | 0 | 8 | 7 | 5 |
| 27 | Claro | 0 | Claro | 0 | Cu | 2 | Claro | 0 | Claro | 0 | 6 | 6 | 1 |
| 28 | Ci | 6 | Ci | 2 | Claro | 0 | Claro | 0 | Claro | 0 | 6 | 6 | 6 |
| 29 | Ac | 7 | Ci Cs | 5 | Ci Cs | 7 | Cs | 8 | Cs | 8 | 6 | 6 | 6 |
| 30 | Ci Cs | 6 | Cs | 8 | Cs | 8 | Ci Cs | 3 | Cs | 8 | 7 | 6 | 6 |
| 31 | As | 8 | As | 8 | Ci Cs | 8 | Cs | 8 | Ac 4 Cs 4 | 8 | 6 | 6 | 6 |
| Prom. | | 5 | | 5 | | 5 | | 4 | | 4 | | | |

# RADIACIÓN SOLAR

| DÍAS | Hora | BULBOS Negro °C | BULBOS Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0 - 8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 8 | 0 | 3 | |
| | 10 | | | | 8 | 0 | 3 | |
| | 12 | | | | 7 | 0 | 4 | |
| | 14 | | | | 3 | 5 | 5 | |
| | 15 | | | | 3 | 3 | 5 | |
| 2 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 3 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 0 | 5 | 4 | |
| | 15 | | | | 0 | 5 | 4 | |
| 4 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 6 | 4 | 4 | |
| | 14 | | | | 6 | 4 | 4 | |
| | 15 | | | | 6 | 4 | 4 | |
| 5 | 9 | | | | 8 | 3 | 4 | |
| | 10 | | | | 8 | 3 | 4 | |
| | 12 | | | | 8 | 3 | 4 | |
| | 14 | | | | 7 | 3 | 4 | |
| | 15 | | | | 8 | 3 | 4 | |
| 6 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 1 | 5 | 4 | |
| | 14 | | | | 2 | 5 | 4 | B. |
| | 15 | | | | 3 | 5 | 4 | B. |
| 7 | 9 | | | | 8 | 4 | 3 | |
| | 10 | | | | 8 | 4 | 3 | |
| | 12 | | | | 8 | 4 | 3 | |
| | 14 | | | | 5 | 4 | 3 | |
| | 15 | | | | 6 | 0 | 3 | |
| 8 | 9 | | | | 4 | 4 | 4 | |
| | 10 | | | | 2 | 5 | 4 | |
| | 12 | | | | 6 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 3 | 3 | 4 | |
| 9 | 9 | | | | 8 | 0 | 3 | Z. |
| | 10 | | | | 8 | 0 | 3 | Z. |
| | 12 | | | | 8 | 0 | 3 | Z. |
| | 14 | | | | 8 | 0 | 3 | Z. |
| | 15 | | | | 8 | 0 | 3 | Z. |
| 10 | 9 | | | | 7 | 3 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 7 | 3 | 4 | |
| | 14 | | | | 6 | 3 | 4 | |
| | 15 | | | | 6 | 3 | 4 | |
| 11 | 9 | | | | 8 | 2 | 4 | |
| | 10 | | | | 7 | 2 | 4 | |
| | 12 | | | | 7 | 0 | [illegible] | |
| | 14 | | | | 7 | 3 | 5 | |
| | 15 | | | | 7 | 2 | 4 | |
| 12 | 9 | | | | 0 | 5 | 4 | Ne. |
| | 10 | | | | 0 | 5 | 4 | B. |
| | 12 | | | | 0 | 5 | 4 | B. |
| | 14 | | | | 2 | 5 | 4 | B. |
| | 15 | | | | 0 | 5 | 4 | B. |
| 13 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 3 | 5 | 4 | |
| | 15 | | | | 3 | 5 | 4 | |
| 14 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | LL. |
| 15 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 7 | 4 | 4 | |
| | 12 | | | | 8 | 4 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 3 | 4 | |
| 16 | 9 | | | | 7 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 6 | 0 | 4 | |
| | 15 | | | | 7 | 0 | 4 | |
| 17 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 18 | 9 | | | | 6 | 3 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 19 | 9 | | | | 5 | 2 | 5 | |
| | 10 | | | | 5 | 3 | 5 | |
| | 12 | | | | 3 | 5 | 5 | |
| | 14 | | | | 4 | 3 | 5 | |
| | 15 | | | | 2 | 5 | 5 | |
| 20 | 9 | | | | 4 | 4 | 4 | Ne. |
| | 10 | | | | 6 | 4 | 4 | Ne. |
| | 12 | | | | 7 | 3 | 4 | B. |
| | 14 | | | | 7 | 0 | 4 | |
| | 15 | | | | 7 | 0 | 4 | |
| 21 | 9 | | | | 4 | 3 | 5 | |
| | 10 | | | | 5 | 3 | 5 | |
| | 12 | | | | 5 | 3 | 5 | |
| | 14 | | | | 5 | 3 | 5 | |
| | 15 | | | | 6 | 3 | 5 | |
| 22 | 9 | | | | 8 | 0 | 0 | Ne. |
| | 10 | | | | 8 | 0 | 3 | Ne. |
| | 12 | | | | 6 | 3 | 4 | |
| | 14 | | | | 6 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 23 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 24 | 9 | | | | 0 | 5 | 5 | |
| | 10 | | | | 0 | 5 | 5 | |
| | 12 | | | | 0 | 5 | 5 | |
| | 14 | | | | 0 | 5 | 5 | |
| | 15 | | | | 0 | 5 | 5 | |
| 25 | 9 | | | | 2 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 3 | 5 | 5 | |
| | 14 | | | | 6 | 3 | 5 | |
| | 15 | | | | 4 | 3 | 5 | |
| 26 | 9 | | | | 3 | 5 | 5 | |
| | 10 | | | | 3 | 5 | 5 | |
| | 12 | | | | 5 | 3 | 5 | |
| | 14 | | | | 7 | 3 | 5 | |
| | 15 | | | | 4 | 3 | 5 | |
| 27 | 9 | | | | 0 | 5 | 3 | |
| | 10 | | | | 0 | 5 | 3 | |
| | 12 | | | | 0 | 5 | 3 | |
| | 14 | | | | 2 | 5 | 3 | |
| | 15 | | | | 3 | 5 | 3 | |
| 28 | 9 | | | | 5 | 4 | 4 | |
| | 10 | | | | 3 | 5 | 4 | |
| | 12 | | | | 2 | 5 | 4 | B. |
| | 14 | | | | 0 | 5 | 3 | B. |
| | 15 | | | | 0 | 5 | 3 | B. |
| 29 | 9 | | | | 0 | 5 | 3 | |
| | 10 | | | | 0 | 5 | 3 | |
| | 12 | | | | 5 | 4 | 3 | |
| | 14 | | | | 7 | 4 | 3 | |
| | 15 | | | | 7 | 4 | 3 | |
| 30 | 9 | | | | 8 | 4 | 4 | |
| | 10 | | | | 8 | 2 | 4 | |
| | 12 | | | | 8 | 2 | 4 | |
| | 14 | | | | 8 | 2 | 4 | B. |
| | 15 | | | | 8 | 2 | 4 | B. |
| 31 | 9 | | | | 8 | 2 | 3 | |
| | 10 | | | | 8 | 2 | 3 | |
| | 12 | | | | 8 | 2 | 3 | |
| | 14 | | | | 8 | 2 | 4 | |
| | 15 | | | | 8 | 2 | 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 | | | | | 0.1 | 0.4 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | | | 5.9 | 10.6 | 56 |
| 2 | | | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | | | 8.9 | 10.6 | 84 |
| 3 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | | | 8.8 | 10.5 | 84 |
| 4 | | | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | | | 8.8 | 10.5 | 84 |
| 5 | | | 0.1 | 0.5 | 0.6 | 1.0 | 0.3 | 0.1 | 0.1 | | | | | | 2.7 | 10.5 | 26 |
| 6 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | | | | 8.4 | 10.4 | 81 |
| 7 | | | 0.6 | 0.5 | 1.0 | 0.6 | 0.4 | 0.5 | 1.0 | 0.5 | | | | | 5.1 | 10.4 | 49 |
| 8 | | | | 0.2 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 1.0 | 1.0 | | | | 7.0 | 10.4 | 67 |
| 9 | | | | | | | | | | | | | | | 0.0 | 10.4 | 00 |
| 10 | | | 0.1 | 0.3 | 0.1 | | 0.3 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 4.8 | 10.3 | 47 |
| 11 | | | 0.6 | 0.8 | 0.9 | | | 0.1 | | | 0.3 | 0.1 | | | 2.8 | 10.3 | 27 |
| 12 | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | | | 9.6 | 10.3 | 93 |
| 13 | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | 9.1 | 10.3 | 88 |
| 14 | | | | | | | 0.3 | 0.5 | 0.1 | | | | | | 0.9 | 10.2 | 09 |
| 15 | | | 0.3 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.9 | 0.9 | | | | 7.7 | 10.2 | 76 |
| 16 | | | | 0.1 | 0.2 | 0.4 | | | 0.1 | 0.1 | 0.1 | 0.2 | | | 1.2 | 10.2 | 12 |
| 17 | | | | | | | | | | | | | | | 0.0 | 10.2 | 00 |
| 18 | | | 0.2 | 1.0 | 0.6 | 0.1 | | | | | | | | | 1.9 | 10.1 | 19 |
| 19 | | | | | 0.7 | 1.0 | 0.9 | 0.8 | 1.0 | 1.0 | 0.3 | | | | 5.7 | 10.1 | 56 |
| 20 | | | 0.1 | 0.5 | 1.0 | | 0.8 | 0.5 | | | | | | | 2.9 | 10.1 | 29 |
| 21 | | | | 0.5 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | | | 7.8 | 10.1 | 77 |
| 22 | | | | | | | 0.1 | 0.3 | 0.2 | | | | | | 0.6 | 10.0 | 06 |
| 23 | | | | | | | | | | | | | | | 0.0 | 10.0 | 00 |
| 24 | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | | 9.1 | 10.0 | 91 |
| 25 | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 8.8 | 10.0 | 88 |
| 26 | | | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.4 | 0.2 | 0.1 | | | 6.8 | 10.0 | 68 |
| 27 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | | 8.2 | 9.9 | 83 |
| 28 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.2 | | | 8.7 | 9.9 | 88 |
| 29 | | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.6 | 0.1 | 0.1 | | | 6.6 | 9.9 | 67 |
| 30 | | | | 1.0 | 1.0 | 0.2 | | | | | | | | | 2.2 | 9.9 | 22 |
| 31 | | | | | | | | | | | | | | | 0.0 | 9.9 | 00 |
| Medias | | | 0.2 | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.2 | | | 5.2 | 10.2 | 51 |

## GEOTEMPERATURA

| DÍAS | 0.05 m. | | | 0.10 m. | | | 0.20 m. | | | 0.30 m. | | | 0.40 m. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h |
| 1 | 15.0 | 21.0 | 14.1 | 16.2 | 17.5 | 16.8 | 16.8 | 17.0 | 17.2 | 17.4 | 17.5 | 17.3 | 17.8 | 18.1 | 17.6 |
| 2 | 8.2 | 18.6 | 12.1 | 12.5 | 15.3 | 15.4 | 15.2 | 15.2 | 15.9 | 16.6 | 16.5 | 16.4 | 17.3 | 17.7 | 16.8 |
| 3 | 9.8 | 19.4 | 14.3 | 12.6 | 15.6 | 16.2 | 14.6 | 15.0 | 15.9 | 16.0 | 16.0 | 16.2 | 16.8 | 17.2 | 16.7 |
| 4 | 11.4 | 20.4 | 15.4 | 13.6 | 16.8 | 16.8 | 15.1 | 15.4 | 16.3 | 16.0 | 16.2 | 16.3 | 16.7 | 17.2 | 16.7 |
| 5 | 14.7 | 21.2 | 18.4 | 15.3 | 17.9 | 18.4 | 15.7 | 16.2 | 17.2 | 16.3 | 16.4 | 16.6 | 16.8 | 17.0 | 17.0 |
| 6 | 17.0 | 23.6 | 20.0 | 17.2 | 19.5 | 19.7 | 17.1 | 17.6 | 18.4 | 17.2 | 17.4 | 17.6 | 17.1 | 17.7 | 17.6 |
| 7 | 18.2 | 24.6 | 22.4 | 18.3 | 20.5 | 21.3 | 18.0 | 18.4 | 19.4 | 18.0 | 18.3 | 18.5 | 17.9 | 18.3 | 18.3 |
| 8 | 22.2 | 26.4 | 22.9 | 20.9 | 22.6 | 22.6 | 20.7 | 20.2 | 20.8 | 19.0 | 19.3 | 19.6 | 18.6 | 19.0 | 19.0 |
| 9 | 16.2 | 15.2 | 14.2 | 18.4 | 17.2 | 16.4 | 19.2 | 18.3 | 17.8 | 19.3 | 18.8 | 18.5 | 19.0 | 18.9 | 18.8 |
| 10 | 12.6 | 18.2 | 13.8 | 14.8 | 15.7 | 16.1 | 16.6 | 16.4 | 16.8 | 17.7 | 17.5 | 17.4 | 18.2 | 18.4 | 17.[illegible] |
| 11 | 12.6 | 17.0 | 13.8 | 14.6 | 15.9 | 16.0 | 16.0 | 16.0 | 16.4 | 17.0 | 16.9 | 16.8 | 17.6 | 17.6 | 17.4 |
| 12 | 9.6 | 17.9 | 13.4 | 13.1 | 15.8 | 15.6 | 15.3 | 15.2 | 15.9 | 16.4 | 16.5 | 16.4 | 17.2 | 17.3 | 16.7 |
| 13 | 11.6 | 18.8 | 16.0 | 13.5 | 16.0 | 16.5 | 15.0 | 15.4 | 15.6 | 16.1 | 16.2 | 16.2 | 16.8 | 17.0 | 16.8 |
| 14 | 15.2 | 18.5 | 18.1 | 15.7 | 16.7 | 17.4 | 16.1 | 16.2 | 16.6 | 16.3 | 16.5 | 16.6 | 16.7 | 17.1 | 16.9 |
| 15 | 16.4 | 21.8 | 20.0 | 16.8 | 18.8 | 19.4 | 16.8 | 17.2 | 18.0 | 17.0 | 17.4 | 17.4 | 17.2 | 17.5 | 17.5 |
| 16 | 17.9 | 19.4 | 19.6 | 18.2 | 18.6 | 19.2 | 17.8 | 17.9 | 18.3 | 17.7 | 17.7 | 17.8 | 17.6 | 17.6 | 17.9 |
| 17 | 17.6 | 15.6 | 14.6 | 18.3 | 17.0 | 16.4 | 18.0 | 17.4 | 17.0 | 17.9 | 17.6 | 17.4 | 17.9 | 17.8 | 17.8 |
| 18 | 13.2 | 15.9 | 15.1 | 14.7 | 15.5 | 15.6 | 15.9 | 15.8 | 15.9 | 16.7 | 16.5 | 16.5 | 17.2 | 17.0 | 16.6 |
| 19 | 12.5 | 17.8 | 14.4 | 14.6 | 15.6 | 15.8 | 15.6 | 15.6 | 16.0 | 16.4 | 16.4 | 16.4 | 16.8 | 17.1 | 16.8 |
| 20 | 12.6 | 16.7 | 14.8 | 14.3 | 15.6 | 15.6 | 15.4 | 15.3 | 15.4 | 16.4 | 16.2 | 16.2 | 16.6 | 16.6 | 16.5 |
| 21 | 11.2 | 16.0 | 12.2 | 13.8 | 14.5 | 14.3 | 15.2 | 14.8 | 15.0 | 16.0 | 15.8 | 15.6 | 16.4 | 16.5 | 16.3 |
| 22 | 8.4 | 13.1 | 11.2 | 11.4 | 12.3 | 12.6 | 13.6 | 13.2 | 13.4 | 15.2 | 14.6 | 14.4 | 15.7 | 15.6 | 15.4 |
| 23 | 9.6 | 11.6 | 9.6 | 11.7 | 12.3 | 12.1 | 13.1 | 13.0 | 13.0 | 14.3 | 14.2 | 13.9 | 15.2 | 15.1 | 14.8 |
| 24 | 6.1 | 14.2 | 9.2 | 9.5 | 11.4 | 11.7 | 12.0 | 11.8 | 12.4 | 13.5 | 13.5 | 13.2 | 14.5 | 14.7 | 14.1 |
| 25 | 5.0 | 13.4 | 8.2 | 8.6 | 10.7 | 11.0 | 11.2 | 11.0 | 11.8 | 12.8 | 12.7 | 12.5 | 13.9 | 14.1 | 13.4 |
| 26 | 5.1 | 13.4 | 8.7 | 8.4 | 10.3 | 10.9 | 10.6 | 10.3 | 11.4 | 12.3 | 12.2 | 12.1 | 13.1 | 13.5 | 13.2 |
| 27 | 4.8 | 13.8 | 8.6 | 8.0 | 10.3 | 10.8 | 9.6 | 10.4 | 10.6 | 11.9 | 11.9 | 11.8 | 12.9 | 13.4 | 12.7 |
| 28 | 5.2 | 11.2 | 8.2 | 8.0 | 9.8 | 10.2 | 10.3 | 10.2 | 10.9 | 11.8 | 11.6 | 11.5 | 12.4 | 13.0 | 12.2 |
| 29 | 6.0 | 13.2 | 9.8 | 8.5 | 10.5 | 11.3 | 10.2 | 10.4 | 11.2 | 11.5 | 11.6 | 11.6 | 12.4 | 12.7 | 12.3 |
| 30 | 7.1 | 12.9 | 11.0 | 9.1 | 11.0 | 11.5 | 10.5 | 10.6 | 11.4 | 11.6 | 11.7 | 11.8 | 12.4 | 12.6 | 12.5 |
| 31 | 9.4 | 14.8 | 13.0 | 10.7 | 12.2 | 13.0 | 11.2 | 11.3 | 12.2 | 12.0 | 12.4 | 12.3 | 12.5 | 12.8 | 12.8 |
| Prom. | 11.7 | 17.3 | 14.1 | 13.6 | 15.1 | 15.4 | 14.8 | 14.8 | 15.3 | 15.6 | 15.6 | 15.6 | 16.1 | 16.3 | 16.0 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | 1.50 m. | 7 m. | 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | $14^h$ | $20^h$ | Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Freatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1 | 0.3 | 1.2 | 0.8 | 2.3 | | | | | | | |
| 2 | | | | | 1 | 0.3 | 1.3 | 1.0 | 2.6 | LL.22 | 19.3 | 19.9 | 18.4 | | | |
| 3 | | | | | 1 | 0.3 | 1.7 | 2.3 | 4.9 | | | | | | | |
| 4 | 10.2 | 10.5 | 10.2 | - | 2 | 0.9 | 1.0 | 0.5 | 1.6 | | | | | | | |
| 5 | | | | | 2 | 0.1 | 1.2 | 1.0 | 2.5 | | | | | | | |
| 6 | | | | | 2 | 0.3 | 0.8 | 0.8 | 2.3 | | | | | | | |
| 7 | | | | | 1 | 0.7 | 1.6 | 1.5 | 4.1 | LL.23 | 20.2 | 19.5 | 25.8 | | | |
| 8 | | | | | 0 | 1.0 | 0.8 | 1.0 | 2.4 | | | | | | | |
| 9 | | | | | 0 | 0.6 | 1.3 | 2.2 | 4.0 | | | | | | | |
| 10 | | | | | 0 | 0.5 | 1.2 | 1.1 | 2.8 | | | | | | | |
| 11 | | | | | 0 | 0.5 | 1.7 | 1.1 | 3.4 | | | | | | | |
| 12 | | | | | 0 | 0.6 | 1.5 | 1.0 | 3.0 | LL.24 | 18.0 | 17.4 | 16.2 | 22.2 | 15.8 | |
| 13 | | | | | 0 | 0.5 | 0.7 | 0.6 | 1.4 | | | | | | | |
| 14 | | | | | 0 | 0.1 | 0.6 | 0.4 | 1.1 | | | | | | | |
| 15 | | | | | 0 | 0.1 | 1.5 | 1.1 | 3.0 | | | | | | | |
| 16 | | | | | 0 | 0.4 | 2.4 | 1.4 | 4.1 | | | | | | | |
| 17 | | | | | 0 | 0.3 | 0.9 | 0.9 | 2.5 | LL.25 | 15.9 | 15.8 | 15.5 | | | |
| 18 | | | | | 0 | 0.7 | 1.7 | 1.3 | 4.1 | | | | | | | |
| 19 | 0.0 | 0.1 | 0.0 | - | 0 | 1.1 | 0.7 | 0.6 | 3.1 | | | | | | | |
| 20 | 0.0 | 0.3 | 0.0 | - | 0 | 1.8 | 1.0 | 1.0 | 2.4 | | | | | | | |
| 21 | 0.1 | 0.3 | 0.1 | - | 1 | 0.4 | 1.0 | 1.7 | 3.3 | | | | | | | |
| 22 | 10.0 | 10.7 | 10.0 | - | 1 | 0.6 | 0.1 | 0.3 | 0.6 | | | | | | | |
| 23 | | | | | 2 | 0.2 | 1.1 | 0.7 | 2.0 | | | | | | | |
| 24 | | | | | 2 | 0.2 | 1.0 | 0.2 | 2.4 | | | | | | | |
| 25 | 0.0 | 0.0 | 0.0 | - | 2 | 1.2 | 2.0 | 1.5 | 5.5 | | | | | | | |
| 26 | 4.5 | 5.2 | 4.6 | - | 2 | 2.0 | 0.2 | 0.1 | 1.1 | | | | | | | |
| 27 | 5.3 | 6.0 | 5.0 | - | 2 | 0.8 | 1.2 | 1.2 | 4.1 | | | | | | | |
| 28 | 102.1 | 104.0 | 102.8 | - | 2 | 1.7 | 1.4 | 0.5 | 2.3 | | | | | | | |
| 29 | | | | | 2 | 0.4 | 0.8 | 0.7 | 1.6 | | | | | | | |
| 30 | 76.0 | 76.7 | 75.4 | - | 2 | 0.1 | 0.4 | 0.1 | 0.6 | | | | | | | |
| 31 | 5.8 | 7.2 | 5.7 | - | 2 | 0.1 | 0.1 | 0.2 | 1.1 | | | | | | | |
| Prom. | 214.0 | 221.0 | 213.8 | - | - | 0.6 | 1.1 | 0.9 | 2.6 | | | | | | | |

| 0.50 m. $8^h$ | $14^h$ | $20^h$ | 1 m. $8^h$ | $14^h$ | $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 19.2 | 19.2 | 19.2 | | | 0.7 | Cn. m., Ca. t. y n., r. m. y n., Ns. n. |
| - | - | - | 19.0 | 19.0 | 19.0 | | | 0.8 | Ca. m. t. y n., Ns. Ne. m., r. n. |
| - | - | - | 18.9 | 19.0 | 19.0 | | | 0.4 | Ca. m., Cn. t. y n., N. Ne. m. |
| - | - | - | 19.0 | 19.0 | 19.0 | | | 10.7 | Cn. m. t. y n., r. m., LL. CH. n. |
| - | - | - | 18.8 | 18.9 | 18.9 | | | 13.7 | Cn. m., Ca. t. y n., LL. m., N. n. |
| - | - | - | 18.7 | 18.8 | 18.8 | | | 7.3 | Ca. m. t. y n., r. n. |
| - | - | - | 18.8 | 18.9 | 18.9 | | | 11.2 | Ca. m. t. y n., r. n. |
| - | - | - | 18.9 | 18.9 | 18.9 | | | 11.8 | Cn. m., Ca. t. y n., r. m. y n. |
| - | - | - | 18.9 | 19.0 | 19.0 | | | 11.5 | Cn. m. y t., Ca. n., r. m. |
| - | - | - | 19.0 | 19.0 | 19.0 | | | 10.8 | Ca. m. y n., Cn. t., r. m. y n. |
| - | - | - | 19.0 | 19.0 | 19.0 | | | 12.2 | Cn. m., Ca. t. y n., r. m. |
| - | - | - | 19.1 | 19.1 | 19.1 | | | 11.8 | Ca. m. y t., Cn. n., r. m. y n., Jl. n. |
| - | - | - | 19.2 | 19.2 | 19.2 | | | 11.5 | Cn. m. y t., Ca. n., r. m. y n., Jl. n. |
| - | - | - | 19.3 | 19.3 | 19.3 | | | 9.3 | Ca. m. t. y n., Ne. m. t. y n. |
| - | - | - | 19.3 | 19.3 | 19.3 | | | 9.5 | Ca. m. y n., Cn. t., N. m., r. n. |
| - | - | - | 19.4 | 19.4 | 19.4 | | | 12.0 | Cn. m., Ca. t. y n., r. m. y n. |
| - | - | - | 19.4 | 19.5 | 19.5 | | | 11.4 | Cn. m. t. y n., r. m. y n. |
| - | - | - | 19.5 | 19.5 | 19.5 | | | 1.8 | Cn. m. y t., Ca. n., N. Ne. m. |
| - | - | - | 19.5 | 19.5 | 19.5 | | | 14.2 | Cn. m. t. y n. |
| - | - | - | 19.5 | 19.5 | 19.6 | | | 18.2 | Cn. m. t. y n., CH. m., R. Ru. n., Tv. t. |
| - | - | - | 19.5 | 19.6 | 19.6 | | | 13.8 | Ca. m., Cn. t. y n., CH. R. P. t., R. n. |
| - | - | - | 19.5 | 19.5 | 19.5 | | | 11.8 | Cn. m. t. y n., LL. m. y t. |
| - | - | - | 19.4 | 19.5 | 19.5 | | | - 2.2 | Ca. m. t. y n., r. m. y n. |
| - | - | - | 19.2 | 19.3 | 19.3 | | | - 2.8 | Ca. m. t. y n., Ne. m., Vx. t., r. n. |
| - | - | - | 19.0 | 19.0 | 19.0 | | | 0.8 | Ca. m. t. y n., r. m. |
| - | - | - | 18.9 | 18.9 | 18.8 | | | 9.0 | Cn. m. t. y n., Z. m. t. y n. |
| - | - | - | 18.7 | 18.7 | 18.7 | | | 15.9 | Cn. m. t. y n., Tv. n. |
| - | - | - | 18.7 | 18.7 | 18.6 | | | 17.2 | Cn. m. t. y n., Ru. LL. m. t. y n. |
| - | - | - | 18.2 | 18.3 | 18.4 | | | 11.4 | Cn. m. y t., Ca. n., Tv. m., r. n. |
| - | - | - | 18.1 | 18.1 | 18.0 | | | - 0.8 | Cn. m. t. y n., r. m., Ru. LL. t. y n. |
| - | - | - | 17.6 | 17.6 | 17.6 | | | 15.2 | Cn. m. t. y n., Z. t. y n., LL. m., Tv. n. |
| - | - | - | 19.0 | 19.0 | 19.0 | - | - | 10.0 | |

## 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 | 58.9 | 67.5 | 2 | 9 | 48.9 | 8 | 15 | 16.6 | 22.5 | 10.9 | 30.8 | 8 | 15 | -0.2 | 2 | 7 | 6.0 | 10.5 | 58 |
| 2ª | 60.2 | 70.6 | 12 | 10 | 51.6 | 17 | 4 | 15.4 | 19.5 | 12.0 | 25.1 | 15 | 14 | 6.7 | 12 | 3,4 | 4.2 | 10.2 | 41 |
| 3ª | 64.0 | 68.9 | 27 | 10 | 56.1 | 31 | 24 | 7.5 | 13.7 | 1.7 | 19.1 | 31 | 15 | -3.6 | 27 | 6-7 | 5.4 | 10.0 | 54 |
| MES | 61.1 | 70.6 | 12 | 10 | 48.9 | 8 | 15 | 13.0 | 18.4 | 8.0 | 30.8 | 8 | 15 | -3.6 | 27 | 6-7 | 5.2 | 10.2 | 51 |

| DÉCADA | HUMEDAD DEL AIRE | | | | | | | | VIENTO | | | | | | | | | | LLUVIA | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Humedad Relativa | | | | | Tensión del Vapor | | | | | Veloc. Medias Máximas | | | | | Instantáneas | | | | | | | | |
| | Media | Máxima | Día | Mínima | Día | Media | Máxima | Mínima | Dirección Prevalente | Velocidad Media | Diaria | Día | Horaria | Día | Hora | Velocidad Máxima | Dirección | Día | Hora | Total | Máxima en 24 horas | Día | Máxima en 1 hora | Día | Hora |
| | % | % | | % | | mm. mb. | mm. mb. | mm. mb. | | Km/h | Km/h | | Km/h | | | Km/h | | | | mm. | mm. | | mm. | | |
| 1ª | 76 | 100 | 2 | 29 | 2 | 10.8 | 20.5 | 4.3 | N | 15 | 108 | 8 | 92 | 8 | 11-12 | 61 | W | 8 | 11.31 | 2.7 | 1.6 | 8 | - | - | - |
| 2ª | 83 | 100 | varios | 46 | 13 | 10.6 | 16.5 | 6.6 | S | 10 | 84 | 16 | 33 | 16 | 23-24 | 41 | N | 17 | 1.46 | 110.2 | 89.0 | 17 | - | - | - |
| 3ª | 80 | 100 | 22,26 | 43 | varios | 6.0 | 11.0 | 3.4 | W | 7 | 60 | 26 | 25 | 28 | 13-14 | 42 | SW | 21 | 16.17 | - | - | - | - | - | - |
| MES | 80 | 100 | varios | 29 | 2 | 9.0 | 20.5 | 3.4 | N | 16 | 108 | 8 | 42 | 8 | 11-12 | 61 | W | 8 | 11.31 | 112.9 | 89.0 | 17 | - | - | - |

## FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

| DÉCADA | ESTADO DEL AIRE - VISIBILIDAD | | | | | | | PRECIPITACIÓN | | | | | | | VIENTO - TORM. ELÉCT. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Aire diáfano | Bruma | Neblina | Niebla | Niebla del suelo | Temp. de polvo o arena | Trombe Remolino de polvo | Lluvia | Llovizna | Nieve | Chaparrón de lluvia | Chaparrón de nieve | Granizo | Pedrisco | Viento muy fuerte | Truenos y relámpagos | Relámpagos |
| 1ª | - | 1 | 1 | 1 | - | - | - | 1 | 1 | - | - | - | - | - | 4 | - | - |
| 2ª | - | 1 | - | 1 | - | - | - | 3 | 1 | - | 2 | - | - | - | 5 | 2 | 2 |
| 3ª | 1 | 1 | - | 2 | 2 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| MES | 1 | 3 | 1 | 4 | 2 | - | - | 4 | 2 | - | 2 | - | - | - | 10 | 2 | 2 |

| DÉCADA | FENÓMENOS DE SUPERFICIE | | | | | FENÓMENOS ÓPTICOS | | | | | | CIELO | | TEMPERATURAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rocío | Escarcha | Granizada blanda | Granizada dura | Suelo cubierto de nieve | Halo solar | Halo lunar | Corona solar | Corona lunar | Arco iris | Espejismo | Despejado | Cubierto | 0° | 25° | 35° |
| 1ª | 6 | 1 | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 | 4 | - |
| 2ª | 3 | - | - | - | - | - | - | - | - | - | - | 2 | 4 | - | 1 | - |
| 3ª | 4 | 4 | 1 | - | - | - | 1 | - | - | - | - | 2 | 5 | 3 | - | - |
| MES | 13 | 5 | 1 | - | - | - | 1 | - | - | - | - | 6 | 11 | 4 | 5 | - |

JUNIO

## 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 | 55 | 55 | 48 | 55 | 55 | 62 | 48 | 55 | 62 | 90 | 97 | 97 | 83 | 83 | 117 |
| 2 | 69 | 48 | 41 | 62 | 48 | 28 | 28 | 14 | 21 | 7 | - 7 | 14 | 76 | - | - |
| 3 | 41 | 41 | 55 | 62 | 69 | 76 | 83 | 152 | 213 | 179 | 239 | 117 | 145 | 152 | 124 |
| 4 | 14 | 76 | 104 | 83 | - | - | - | 83 | 104 | 145 | 138 | 159 | 166 | 166 | 207 |
| 5 | 55 | 69 | 69 | 41 | 34 | 14 | 28 | 28 | 83 | 83 | 41 | 83 | 110 | 62 | 28 |
| 6 | 41 | 41 | 41 | 34 | 21 | 14 | 21 | 28 | 28 | 0 | 110 | 152 | 186 | 172 | 246 |
| 7 | 69 | 83 | 76 | 69 | 62 | 69 | 90 | 117 | 152 | 159 | 166 | 172 | 131 | 69 | 28 |
| 8 | 62 | 48 | 48 | 34 | 21 | 55 | 55 | 83 | 110 | 48 | 48 | 34 | 34 | 48 | 55 |
| 9 | 55 | 55 | 55 | 55 | 83 | 7 | - 28 | - 41 | - 7 | 28 | 69 | 90 | 90 | 55 | 55 |
| 10 | 55 | 48 | 48 | 55 | 21 | 34 | 41 | 55 | 83 | 104 | 110 | 97 | 90 | 76 | 83 |
| 11 | 41 | 62 | 83 | 48 | 55 | 69 | 62 | - 14 | 138 | 193 | 138 | 97 | 90 | 62 | 104 |
| 12 | 21 | 90 | - 55 | 14 | 62 | 76 | 152 | 186 | 110 | 272 | 310 | 291 | 193 | 159 | 186 |
| 13 | 69 | 62 | 76 | 69 | 55 | 41 | 41 | 62 | 131 | 131 | 124 | 90 | 48 | 7 | - 48 |
| 14 | 62 | 76 | 97 | 131 | 117 | 97 | 97 | 34 | 145 | 152 | 83 | 104 | 62 | 14 | 69 |
| 15 | - | 48 | 83 | 104 | 97 | 110 | 28 | 21 | 48 | 83 | 14 | 14 | 110 | 166 | 138 |
| 16 | 14 | 21 | 21 | 28 | 34 | 41 | 41 | 48 | 76 | 97 | 104 | 117 | 117 | 124 | 124 |
| 17 | 55 | 48 | 48 | 48 | 55 | 62 | 62 | - | - | - | - | - | — | - | - |
| 18 | 41 | 34 | 48 | 48 | 69 | 48 | 28 | 69 | 104 | 110 | 145 | 145 | 104 | 90 | 69 |
| 19 | - | - | - | - | - | - | - | - | 193 | 152 | 166 | 117 | 104 | 104 | 117 |
| 20 | 83 | 62 | 69 | 69 | 76 | 76 | 69 | 110 | 152 | 172 | 138 | 124 | 131 | 131 | 152 |
| 21 | 69 | 55 | 55 | 48 | 55 | 55 | 62 | 83 | 90 | 104 | 124 | 34 | 41 | 41 | 21 |
| 22 | 55 | 55 | 55 | 62 | 55 | 69 | 62 | 110 | 124 | 117 | 104 | 117 | 131 | 110 | 131 |
| 23 | 48 | 48 | 55 | 48 | 48 | 62 | 55 | 62 | 62 | 62 | 41 | 62 | 83 | 69 | 90 |
| 24 | 83 | 83 | 34 | 34 | 34 | 28 | 41 | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | 14 | 7 | 7 | - 7 | - 7 | - 7 | 7 |
| 26 | - | - | - | - | - | - | - | - | - | - | - | 90 | 138 | 117 | 131 |
| 27 | 62 | 69 | 55 | 69 | 41 | 117 | 97 | 104 | 41 | 124 | 34 | ± ∞ | ∞ | ∞ | - ∞ |
| 28 | 14 | 14 | - 14 | - 7 | - 7 | 7 | - 14 | 21 | 124 | 124 | 110 | 90 | 83 | 83 | 83 |
| 29 | 69 | 76 | 110 | 152 | 55 | 110 | 90 | 14 | 21 | 90 | - 28 | - 21 | 69 | 179 | 152 |
| 30 | 21 | 14 | 55 | 34 | 41 | 48 | -188 | -117 | 69 | 55 | 159 | 110 | 55 | 83 | 90 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 55.6 | 52.9 | 56.7 | 57.7 | 53.0 | 55.6 | 54.6 | 70.5 | 101.5 | 103.5 | 107.2 | 103.5 | 95.5 | 79.5 | 87.5 |

## RESUMEN DEL ESTADO ELÉCTRICO DEL AIRE

| DÍAS | CONDUCTIBILIDAD "λ" . $10^{-4}$ | | | | IONES LIVIANOS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | número "n" por $cm^3$ | | | | velocidad | |
| | $\lambda^+$ | $\lambda^-$ | $\lambda^+ + \lambda^-$ | $\lambda^+ / \lambda^-$ | $n^+$ | $n^-$ | $n^+ + n^-$ | $n^+ / n^-$ | $K^+$ | $K^-$ |
| 1 | 1.12 | 1.17 | 2.29 | 0.96 | 581 | 473 | 1054 | 1.23 | 1.35 | 1.73 |
| 2 | 0.97 | 1.08 | 2.05 | 0.90 | 681 | 522 | 1203 | 1.30 | 1.00 | 1.45 |
| 3 | 0.74 | 0.84 | 1.58 | 0.88 | 721 | 489 | 1210 | 1.47 | 0.72 | 1.20 |
| 4 | 0.71 | 0.76 | 1.47 | 0.93 | 342 | 256 | 598 | 1.34 | 1.45 | 2.07 |
| 5 | 0.46 | 0.50 | 0.96 | 0.92 | 267 | 209 | 476 | 1.27 | 1.21 | 1.67 |
| 6 | 0.49 | 0.52 | 1.01 | 0.94 | 213 | 207 | 420 | 1.03 | 1.60 | 1.75 |
| 7 | 0.80 | 0.88 | 1.68 | 0.91 | 421 | 320 | 741 | 1.32 | 1.33 | 1.92 |
| 8 | 0.91 | 0.94 | 1.85 | 0.97 | 546 | 377 | 923 | 1.45 | 1.16 | 1.74 |
| 9 | 0.84 | 0.93 | 1.77 | 0.90 | 483 | 328 | 811 | 1.47 | 1.21 | 1.98 |
| 10 | 0.80 | 0.79 | 1.59 | 1.01 | 562 | 226 | 788 | 2.57 | 1.00 | 2.06 |
| 11 | 0.80 | 0.81 | 1.61 | 0.99 | 442 | 256 | 698 | 1.72 | 1.26 | 2.22 |
| 12 | 0.59 | 0.60 | 1.19 | 0.98 | 397 | 298 | 695 | 1.33 | 1.04 | 1.40 |
| 13 | 1.02 | 1.10 | 2.12 | 0.93 | 636 | 477 | 1108 | 1.35 | 1.12 | 1.64 |
| 14 | 0.86 | 0.96 | 1.82 | 0.90 | 484 | 351 | 835 | 1.37 | 1.24 | 1.91 |
| 15 | 1.09 | 1.18 | 2.27 | 0.92 | 528 | 377 | 905 | 1.40 | 1.44 | 2.00 |
| 16 | 1.19 | 1.24 | 2.43 | 0.96 | 834 | 524 | 1358 | 1.59 | 1.00 | 1.66 |
| 17 | 1.16 | 1.13 | 2.29 | 1.02 | 642 | 332 | 974 | 1.93 | 1.26 | 2.38 |
| 18 | 1.01 | 1.02 | 2.03 | 0.99 | 628 | 482 | 1110 | 1.30 | 1.13 | 1.48 |
| 19 | 0.84 | 0.87 | 1.71 | 0.96 | 492 | 366 | 858 | 1.34 | 1.19 | 1.66 |
| 20 | 1.14 | 1.09 | 2.23 | 1.04 | 679 | 474 | 1153 | 1.43 | 1.19 | 1.64 |
| 21 | 1.07 | 1.13 | 2.20 | 0.95 | 547 | 473 | 1020 | 1.16 | 1.37 | 1.67 |
| 22 | 1.05 | 1.12 | 2.17 | 0.94 | 498 | 474 | 972 | 1.05 | 1.48 | 1.65 |
| 23 | 1.06 | 1.14 | 2.20 | 0.93 | 513 | 453 | 966 | 1.13 | 1.44 | 1.76 |
| 24 | 1.06 | 1.25 | 2.31 | 0.85 | 467 | 366 | 833 | 1.27 | 1.44 | 2.39 |
| 25 | 0.64 | 0.70 | 1.34 | 0.91 | 485 | 623 | 1108 | 0.78 | 0.92 | 0.79 |
| 26 | 0.62 | 0.64 | 1.26 | 0.97 | 428 | 303 | 731 | 1.41 | 1.01 | 1.48 |
| 27 | 0.80 | 0.83 | 1.63 | 0.96 | 684 | 451 | 1135 | 1.51 | 0.82 | 1.28 |
| 28 | 0.67 | 0.69 | 1.35 | 0.97 | 438 | 256 | 694 | 1.71 | 1.06 | 1.89 |
| 29 | 0.62 | 0.64 | 1.26 | 0.97 | 620 | 349 | 969 | 1.77 | 0.70 | 1.28 |
| 30 | 0.83 | 0.86 | 1.69 | 0.95 | 406 | 432 | 838 | 0.94 | 1.43 | 1.39 |
| 31 | | | | | | | | | | |
| Prom. | 0.85 | 0.89 | 1.74 | 0.96 | 522 | 390 | 912 | 1.34 | 1.14 | 1.61 |

| 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios | Máximo | Mínimo | Amplit. | Tipo de Curva |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | 138 | 207 | 179 | 138 | 117 | 90 | 69 | 62 | 91.7 | 246 | 28 | 218 | 0 |
| - | 41 | 41 | 62 | 55 | 55 | 83 | 110 | 90 | - | 166 | -124 | 290 | 2 |
| 90 | - ∞ | ± ∞ | -117 | 131 | 83 | 117 | - 14 | 28 | - | ∞ | - ∞ | - | 3 |
| 252 | 233 | ±233 | 272 | 220 | 172 | 145 | 76 | 90 | - | 333 | - 21 | 354 | 1 |
| - | - | - | - | - | - | 62 | 34 | 28 | - | 186 | - 41 | 227 | 2 |
| 265 | 272 | 246 | 159 | 110 | 110 | 21 | 28 | 62 | 100.3 | 322 | - 48 | 370 | 1 |
| 14 | 110 | 145 | 97 | 104 | 69 | 83 | 55 | 83 | 94.7 | 213 | 7 | 206 | 0 |
| 48 | 14 | 28 | 41 | 48 | 55 | 48 | 55 | 48 | 48.7 | 200 | - 21 | 221 | 1 |
| 62 | 69 | 110 | 97 | - | - | 62 | 28 | 28 | - | 179 | -154 | 333 | 2 |
| 83 | 131 | 200 | 166 | 159 | 138 | 117 | 76 | 55 | 88.5 | 316 | - 14 | 330 | 1 |
| 110 | 90 | 138 | 138 | 90 | 159 | 117 | 131 | 55 | - | 443 | -203 | 646 | 2 |
| 207 | 207 | 213 | 278 | 265 | 220 | 284 | 310 | 159 | - | 746 | -159 | 905 | 2 |
| - 7 | 34 | 90 | 179 | 220 | 220 | 62 | 76 | 699 | 79.2 | 622 | -203 | 825 | 1 |
| 97 | 90 | 83 | 62 | 48 | 97 | 138 | 145 | 117 | 92.4 | 291 | - 55 | 346 | 1 |
| 152 | 138 | 131 | 124 | 97 | 55 | 21 | 14 | 21 | - | 746 | -732 | 1478 | 2 |
| 110 | 152 | 172 | 179 | 159 | 172 | 131 | 55 | 62 | 91.6 | 252 | 14 | 238 | 0 |
| - | - | 131 | 117 | 55 | 90 | 97 | 69 | 55 | - | 159 | 0 | 159 | 0 |
| 97 | 131 | 152 | 265 | 233 | 166 | 145 | 152 | 220 | 113.0 | 408 | 7 | 401 | 0 |
| 172 | 233 | 310 | 357 | 233 | 152 | 117 | 97 | 90 | - | 454 | 55 | 399 | 0 |
| 145 | 138 | 233 | 291 | 152 | 124 | 90 | 90 | 97 | 123.9 | 380 | 28 | 352 | 0 |
| 83 | 138 | 186 | 138 | 104 | 104 | 69 | 69 | 55 | 78.4 | 213 | -224 | 437 | 1 |
| 138 | 124 | 152 | 124 | 124 | 117 | 117 | 104 | 69 | 101.1 | 213 | 28 | 185 | 0 |
| 83 | 104 | 110 | 124 | 124 | 110 | 55 | 28 | - 14 | 67.4 | 186 | - 48 | 234 | 1 |
| - | - | - | - | - | - | - | - | - | - | 179 | 14 | 165 | 0 |
| 0 | - 14 | 14 | 7 | 62 | 41 | - 7 | - | - | - | 226 | 275 | 501 | 2 |
| 104 | 55 | 28 | - | - | - | 179 | 117 | 97 | - | 200 | 7 | 193 | 0 |
| - ∞ | - 7 | - 14 | 48 | 117 | 124 | 76 | 0 | 7 | - | ∞ | - ∞ | - | 3 |
| 76 | 41 | 34 | 62 | 34 | 97 | 152 | 152 | 34 | - | 239 | - 48 | 287 | 2 |
| 97 | 62 | 14 | 21 | 14 | 21 | 34 | 41 | 76 | - | 506 | -663 | 1169 | 2 |
| 83 | 110 | 110 | 159 | 193 | 55 | 41 | 14 | 14 | - | 746 | -824 | 1570 | 3 |
| 99.5 | 121.2 | 154.2 | 154.2 | 132.5 | 123.0 | 89.7 | 77.0 | 75.7 | 90.1 | | | | |

| IONES PESADOS número "N" por cm³ | | | | CORRIENTE VERTICAL "1" . $10^{-7}$ U.E.S. | NÚCLEOS AITKEN |
|---|---|---|---|---|---|
| $N^+$ | $N^-$ | $N^+ + N^-$ | $N^+ / N^-$ | por cm² | por cm³ |
| 4935 | 4149 | 9084 | 1.19 | 7.00 | - |
| 4780 | 3813 | 8593 | 1.25 | - | 17,250 |
| 8414 | 7809 | 16223 | 1.08 | - | 28,750 |
| 13479 | 13572 | 27051 | 1.00 | - | 19,500 |
| 16864 | 16376 | 33240 | 1.03 | - | - |
| 17386 | 17308 | 34694 | 1.00 | 3.38 | 31,250 |
| 9122 | 8975 | 18097 | 1.02 | 5.30 | - |
| 5084 | 4321 | 9405 | 1.18 | 3.01 | - |
| 4485 | 4298 | 8783 | 1.04 | - | - |
| 10769 | 9943 | 20712 | 1.08 | 4.78 | 12,000 |
| 11133 | 11856 | 22989 | 0.94 | - | 30,250 |
| 16037 | 15798 | 31835 | 1.02 | - | 33,500 |
| 9669 | 9157 | 18826 | 1.05 | 5.58 | 18,000 |
| 6204 | 6394 | 12598 | 0.97 | 5.60 | - |
| 6355 | 6576 | 12931 | 0.97 | - | - |
| 5384 | 5868 | 11252 | 0.97 | 7.43 | 15,000 |
| 8625 | 8759 | 17384 | 0.99 | - | 8,750 |
| 8191 | 9431 | 17622 | 0.87 | 7.60 | 25,000 |
| 10804 | 11513 | 22317 | 0.94 | - | 51,250 |
| 4970 | 5867 | 10837 | 0.85 | 9.20 | - |
| 4750 | 4523 | 9273 | 1.05 | 5.75 | - |
| 4899 | 4336 | 9235 | 1.13 | 7.30 | - |
| 5457 | 4711 | 10168 | 1.06 | 4.95 | 12,750 |
| 11032 | 10284 | 21316 | 1.07 | - | 14,000 |
| 11671 | 11218 | 22889 | 1.04 | - | - |
| 9502 | 9759 | 19261 | 0.98 | - | 26,500 |
| 4298 | 3327 | 7625 | 1.29 | - | - |
| 4598 | 4226 | 8824 | 1.09 | - | - |
| 6019 | 5795 | 11714 | 1.03 | - | - |
| 2658 | 4086 | 6744 | 0.65 | - | - |
| 8252 | 8071 | 16323 | 1.02 | 5.85 | 36,250 |

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

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 1.25 | 1.15 | 1.20 | 1.18 | 1.13 | 1.16 | 1.02 | 0.74 | 0.76 | 0.71 | 0.68 | 0.66 |
| 3 | - | - | - | - | - | - | - | - | - | - | 0.56 | 0.68 |
| 4 | 0.93 | 0.93 | 0.93 | 0.83 | 0.55 | 0.59 | 0.69 | 0.63 | 0.71 | 0.78 | 0.74 | 0.83 |
| 5 | 0.66 | 0.60 | 0.65 | 0.58 | 0.43 | 0.40 | 0.39 | 0.35 | - | - | - | - |
| 6 | 0.38 | 0.40 | 0.40 | 0.40 | 0.41 | 0.42 | 0.42 | 0.39 | 0.35 | 0.41 | 0.38 | 0.57 |
| 7 | 0.48 | 0.78 | 0.80 | 0.95 | 1.18 | 1.05 | 1.02 | 0.82 | 0.75 | 0.80 | 0.85 | - |
| 8 | 0.54 | 0.76 | 0.73 | 0.75 | 0.68 | 0.70 | 0.48 | 0.52 | 0.57 | 0.70 | 1.08 | 1.29 |
| 9 | 0.94 | 0.76 | 0.81 | 0.64 | 0.84 | 0.52 | 0.68 | 0.59 | 0.70 | 0.80 | 0.94 | 0.95 |
| 10 | 0.56 | 0.60 | 0.46 | 0.52 | 0.48 | 0.71 | 0.99 | 0.86 | 0.57 | 0.68 | 1.26 | 1.45 |
| 11 | 0.75 | 0.82 | 0.78 | 0.75 | - | - | - | - | 0.43 | - | - | 1.12 |
| 12 | 0.39 | 0.49 | 0.57 | 0.58 | 0.64 | 0.58 | 0.51 | 0.60 | 0.63 | 0.53 | 0.65 | 0.73 |
| 13 | 0.73 | 1.19 | 1.17 | 1.04 | 1.38 | 1.14 | 1.26 | 1.26 | 1.38 | 1.37 | 1.35 | 1.18 |
| 14 | 1.10 | 1.06 | 0.94 | 0.67 | 0.59 | 0.86 | 1.08 | 1.02 | 0.67 | 0.81 | 0.77 | 0.80 |
| 15 | - | - | - | - | - | - | - | - | - | - | 0.82 | 1.06 |
| 16 | 1.76 | 1.77 | 1.77 | 1.59 | 1.50 | 1.51 | 1.16 | 1.35 | 1.21 | 1.24 | 1.40 | 0.99 |
| 17 | 1.45 | 1.66 | 1.47 | 1.59 | 1.39 | 1.28 | 1.01 | - | - | - | - | - |
| 18 | 1.10 | 1.25 | 1.28 | 1.12 | 0.94 | 1.08 | 0.91 | 1.51 | 1.35 | 1.17 | 1.19 | 1.17 |
| 19 | 0.81 | 0.89 | 0.91 | 1.04 | 0.90 | 0.84 | 0.67 | 0.63 | 0.73 | 0.93 | 0.91 | 0.79 |
| 20 | 1.29 | 1.45 | 1.61 | 1.54 | 1.56 | 1.52 | 1.52 | 1.70 | 1.28 | 1.10 | 0.93 | 0.95 |
| 21 | 1.39 | 1.58 | 1.57 | 1.58 | 1.51 | 1.18 | 1.26 | 1.25 | 0.83 | 0.82 | 1.11 | 1.11 |
| 22 | 0.95 | 1.05 | 0.97 | 0.98 | 1.13 | 0.70 | 0.83 | - | - | - | 1.08 | 1.14 |
| 23 | - | - | - | - | - | - | - | - | - | - | 1.13 | 1.22 |
| 24 | 0.82 | 1.02 | 1.15 | 1.23 | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | 0.75 |
| 26 | 0.72 | 1.00 | 1.04 | 1.11 | 1.11 | 0.94 | 0.82 | 0.53 | 0.33 | 0.33 | 0.44 | 0.47 |
| 27 | 0.99 | 1.02 | 1.14 | 0.97 | 1.13 | 0.66 | 0.58 | 0.58 | 0.58 | 0.65 | 0.70 | 0.47 |
| 28 | 0.81 | 0.78 | 0.86 | 0.74 | 0.71 | 0.73 | 0.71 | 0.67 | 0.83 | 0.99 | 0.97 | 0.75 |
| 29 | 1.11 | 0.89 | 0.63 | 0.56 | 0.74 | 0.92 | 0.69 | 0.54 | 0.82 | 0.69 | 0.55 | 0.50 |
| 30 | 0.61 | 0.72 | 0.81 | 1.01 | 0.97 | 0.86 | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | |
| Promedio | 0.90 | 0.98 | 0.98 | 0.96 | 0.95 | 0.88 | 0.85 | 0.83 | 0.77 | 0.82 | 0.89 | 0.90 |

## CONDUCTIBILIDAD NEGATIVA $\lambda^{-} \cdot 10^{-4}$

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 1.33 | 1.36 | 1.36 | 1.36 | 1.28 | 1.34 | 1.11 | 0.83 | 0.75 | 0.76 | 0.72 | 0.83 |
| 3 | - | - | - | - | - | - | - | - | - | - | 0.74 | 0.79 |
| 4 | 1.05 | 1.10 | 1.01 | 0.77 | 0.62 | 0.64 | 0.67 | 0.64 | 0.74 | 0.80 | 0.87 | 0.94 |
| 5 | 0.73 | 0.72 | 0.72 | 0.60 | 0.49 | 0.40 | 0.37 | 0.37 | - | - | - | - |
| 6 | 0.40 | 0.44 | 0.42 | 0.42 | 0.44 | 0.42 | 0.42 | 0.37 | 0.37 | 0.41 | 0.42 | 0.60 |
| 7 | 0.55 | 0.82 | 0.82 | 1.23 | 1.25 | 1.22 | 1.02 | 0.87 | 0.87 | 0.94 | 0.96 | - |
| 8 | 0.58 | 0.76 | 0.79 | 0.99 | 0.61 | 0.54 | 0.45 | 0.49 | 0.54 | 0.86 | 1.17 | 1.34 |
| 9 | 0.82 | 0.61 | 0.78 | 0.63 | 0.76 | 0.71 | 0.86 | 0.79 | 0.87 | 0.90 | 0.92 | 0.94 |
| 10 | 0.58 | 0.63 | 0.47 | 0.54 | 0.58 | 0.78 | 0.88 | 0.76 | 0.49 | 0.83 | 1.13 | 1.44 |
| 11 | 0.82 | 0.76 | 0.79 | 0.87 | - | - | - | - | 0.46 | - | - | 1.01 |
| 12 | 0.44 | 0.51 | 0.58 | 0.60 | 0.67 | 0.56 | 0.67 | 0.53 | 0.58 | 0.54 | 0.73 | 0.69 |
| 13 | 0.81 | 1.40 | 1.17 | 1.16 | 1.35 | 1.23 | 1.60 | 1.37 | 1.44 | 1.50 | 1.24 | 1.20 |
| 14 | 1.07 | 1.05 | 1.01 | 0.69 | 0.61 | 0.98 | 1.12 | 1.04 | 0.82 | 0.91 | 0.91 | 0.93 |
| 15 | - | - | - | - | - | - | - | - | - | - | 0.97 | 1.17 |
| 16 | 1.98 | 2.02 | 2.08 | 1.78 | 1.72 | 1.49 | 1.26 | 1.61 | 1.29 | 1.24 | 1.22 | 0.91 |
| 17 | 1.21 | 1.39 | 1.38 | 1.44 | 1.33 | 1.16 | 1.16 | - | - | - | - | - |
| 18 | 1.30 | 1.49 | 1.36 | 1.15 | 0.91 | 1.21 | 0.95 | 1.71 | 1.02 | 1.14 | 1.22 | 1.09 |
| 19 | 0.85 | 0.91 | 0.96 | 1.03 | 1.03 | 0.84 | 0.73 | 0.72 | 0.87 | 1.10 | 0.82 | 0.87 |
| 20 | 1.19 | 1.29 | 1.35 | 1.40 | 1.44 | 1.43 | 1.34 | 1.22 | 1.17 | 1.10 | 0.95 | 1.02 |
| 21 | 1.48 | 1.71 | 1.58 | 1.76 | 1.57 | 1.17 | 1.28 | 1.17 | 0.85 | 0.94 | 1.37 | 1.29 |
| 22 | 0.89 | 1.09 | 0.96 | 1.13 | 1.15 | 0.89 | 0.92 | - | - | - | 1.22 | 1.30 |
| 23 | - | - | - | - | - | - | - | - | - | - | 1.27 | 1.32 |
| 24 | 0.91 | 1.19 | 1.33 | 1.57 | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | 0.81 |
| 26 | 0.91 | 1.09 | 1.19 | 1.24 | 1.09 | 0.92 | 0.81 | 0.55 | 0.32 | 0.34 | 0.46 | 0.48 |
| 27 | 1.02 | 0.94 | 0.96 | 0.99 | 1.01 | 0.60 | 0.55 | 0.57 | 0.64 | 0.67 | 0.72 | 0.67 |
| 28 | 0.85 | 0.80 | 0.99 | 1.01 | 0.84 | 0.88 | 0.91 | 0.73 | 0.75 | 0.76 | 0.89 | 0.71 |
| 29 | 1.17 | 0.85 | 0.60 | 0.60 | 1.01 | 0.81 | 0.55 | 0.51 | 0.91 | 0.72 | 0.64 | 0.55 |
| 30 | 0.67 | 0.73 | 0.85 | 1.08 | 0.98 | 0.87 | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | |
| Promedio | 0.94 | 1.03 | 1.02 | 1.04 | 0.99 | 0.92 | 0.89 | 0.84 | 0.78 | 0.87 | 0.94 | 0.95 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | 1.05 | 1.10 | 1.12 | 1.14 | 0.79 | 1.05 | 1.10 | 1.22 | 1.27 | 1.42 | 1.12 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.97 |
| 0.70 | 0.63 | 0.73 | 0.97 | 0.86 | 0.79 | 0.86 | 0.77 | 0.71 | 0.59 | 0.68 | 0.76 | 0.74 |
| 0.80 | 0.70 | 0.66 | 0.63 | 0.54 | 0.58 | 0.73 | 0.83 | 0.64 | 0.63 | 0.53 | 0.60 | 0.71 |
| - | - | - | - | - | - | - | - | - | 0.32 | 0.36 | 0.36 | 0.46 |
| 0.65 | 0.87 | 0.67 | 0.76 | 0.67 | 0.90 | 0.48 | 0.35 | 0.36 | 0.37 | 0.40 | 0.40 | 0.49 |
| - | - | - | - | - | - | - | - | - | - | 0.44 | 0.47 | 0.80 |
| 1.14 | 1.26 | 1.26 | 1.22 | 1.27 | 0.86 | 1.15 | 1.25 | 1.01 | 0.91 | 0.83 | 0.92 | 0.91 |
| 1.02 | 1.32 | 1.50 | 1.52 | 1.47 | 0.73 | 0.61 | 0.54 | 0.60 | 0.65 | 0.57 | 0.51 | 0.84 |
| 1.29 | 1.05 | 1.08 | 0.93 | 0.73 | 0.86 | 0.89 | 0.98 | 0.62 | 0.54 | 0.52 | 0.65 | 0.80 |
| 1.04 | 1.19 | 0.99 | 0.70 | 1.13 | 1.05 | 0.98 | 0.75 | 0.65 | 0.46 | 0.31 | 0.55 | 0.80 |
| 0.61 | 0.72 | 0.70 | 0.63 | 0.49 | 0.59 | 0.55 | 0.40 | 0.59 | 0.71 | 0.63 | 0.78 | 0.59 |
| 0.96 | 0.93 | 0.75 | 0.96 | 0.88 | 0.76 | 0.59 | 0.61 | 0.71 | 0.87 | 0.80 | 1.10 | 1.02 |
| 0.73 | 1.10 | 1.24 | 1.01 | 1.14 | 0.63 | 0.47 | 0.57 | - | - | - | - | 0.86 |
| 1.09 | 1.19 | 0.86 | 1.20 | 0.90 | 0.46 | 0.79 | 1.12 | 1.42 | 1.41 | 1.31 | 1.63 | 1.09 |
| 0.99 | 1.00 | 0.92 | 0.84 | 0.99 | 0.71 | 0.65 | 1.06 | 0.88 | 0.95 | 1.17 | 1.23 | 1.19 |
| - | - | - | - | - | 0.78 | 0.81 | 0.78 | 0.94 | 1.03 | 0.96 | 1.03 | 1.16 |
| 1.04 | 0.91 | 0.88 | 0.89 | 0.79 | 0.81 | 0.55 | 0.75 | 0.92 | 0.94 | 0.88 | 0.84 | 1.01 |
| 0.85 | 0.84 | 0.82 | 0.67 | 0.62 | 0.64 | 0.68 | 0.71 | 0.91 | 1.03 | 1.24 | 1.15 | 0.84 |
| 0.98 | 1.06 | 0.97 | 0.93 | 0.81 | 0.67 | 0.30 | 0.73 | 0.84 | 1.16 | 1.18 | 1.27 | 1.14 |
| 1.17 | 1.13 | 0.86 | 1.08 | 0.93 | 1.09 | 0.82 | 0.63 | 0.68 | 0.60 | 0.56 | 0.91 | 1.07 |
| 1.22 | 1.21 | 1.06 | 1.03 | 0.96 | 1.03 | 1.18 | 1.26 | - | - | - | - | 1.05 |
| 1.31 | 1.22 | 1.17 | 1.11 | 1.15 | 1.22 | 0.94 | 0.83 | 0.84 | 0.86 | 0.94 | 0.88 | 1.06 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.06 |
| 0.71 | 0.86 | 0.71 | 0.60 | 0.55 | 0.65 | 0.71 | 0.49 | 0.50 | 0.66 | 0.50 | 0.56 | 0.64 |
| 0.45 | 0.53 | 0.60 | 0.44 | 0.37 | 0.40 | 0.36 | 0.36 | 0.50 | 0.60 | 0.69 | 0.75 | 0.62 |
| 0.44 | 0.85 | 0.94 | 0.67 | 1.45 | 1.19 | 0.61 | 0.59 | 0.59 | 0.70 | 0.84 | 0.87 | 0.80 |
| 0.76 | 0.57 | 0.56 | 0.46 | 0.47 | 0.38 | 0.44 | 0.49 | 0.51 | 0.57 | 0.59 | 0.76 | 0.67 |
| 0.61 | 0.58 | 0.48 | 0.40 | 0.47 | 0.50 | 0.52 | 0.49 | 0.50 | 0.55 | 0.47 | 0.55 | 0.62 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.83 |
| 0.89 | 0.94 | 0.89 | 0.86 | 0.86 | 0.77 | 0.69 | 0.74 | 0.74 | 0.76 | 0.75 | 0.84 | 0.85 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | 1.17 | 1.07 | 1.01 | 1.11 | 0.92 | 0.97 | 1.18 | 1.36 | 1.45 | 1.49 | 1.17 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.08 |
| 0.70 | 0.67 | 0.83 | 0.96 | 0.98 | 0.98 | 0.96 | 0.74 | 0.73 | 0.76 | 0.87 | 1.03 | 0.84 |
| 0.82 | 0.67 | 0.72 | 0.67 | 0.55 | 0.63 | 0.85 | 0.72 | 0.71 | 0.72 | 0.62 | 0.62 | 0.76 |
| - | - | - | - | - | - | - | - | - | 0.37 | 0.37 | 0.37 | 0.50 |
| 0.90 | 0.95 | 0.69 | 0.81 | 0.70 | 0.94 | 0.44 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.52 |
| - | - | - | - | - | - | - | - | - | - | 0.44 | 0.46 | 0.88 |
| 1.35 | 1.37 | 1.47 | 1.07 | 1.50 | 0.94 | 1.10 | 1.19 | 0.88 | 0.85 | 0.80 | 0.96 | 0.94 |
| 1.01 | 1.48 | 1.68 | 1.74 | 1.49 | 0.78 | 0.63 | 0.78 | 0.99 | 0.79 | 0.64 | 0.60 | 0.93 |
| 1.34 | 1.17 | 1.02 | 0.95 | 0.72 | 0.84 | 0.97 | 0.90 | 0.51 | 0.51 | 0.51 | 0.56 | 0.79 |
| 1.01 | 1.07 | 0.95 | 0.71 | 1.09 | 1.10 | 0.90 | 0.76 | 0.62 | 0.55 | 0.53 | 0.54 | 0.81 |
| 0.67 | 0.69 | 0.67 | 0.69 | 0.51 | 0.60 | 0.47 | 0.61 | 0.68 | 0.56 | 0.49 | 0.75 | 0.60 |
| 1.07 | 1.12 | 0.92 | 1.12 | 0.94 | 0.57 | 0.68 | 0.75 | 0.67 | 0.96 | 0.84 | 1.27 | 1.10 |
| 0.88 | 1.29 | 1.32 | 1.17 | 1.27 | 0.63 | 0.61 | 0.80 | - | - | - | - | 0.96 |
| 1.04 | 1.12 | 0.93 | 1.29 | 0.85 | 0.64 | 0.85 | 1.21 | 1.42 | 1.63 | 1.50 | 1.87 | 1.18 |
| 0.97 | 0.97 | 0.97 | 0.84 | 0.76 | 0.61 | 0.68 | 0.95 | 0.66 | 0.43 | 1.05 | 1.03 | 1.24 |
| - | - | - | - | - | 0.94 | 0.91 | 0.84 | 1.02 | 0.93 | 1.07 | 1.09 | 1.13 |
| 0.98 | 0.92 | 0.94 | 0.86 | 0.68 | 0.66 | 0.56 | 0.68 | 0.92 | 0.94 | 0.87 | 0.94 | 1.02 |
| 0.87 | 0.82 | 0.74 | 0.70 | 0.67 | 0.67 | 0.74 | 0.71 | 0.86 | 1.17 | 1.17 | 1.17 | 0.87 |
| 1.09 | 1.10 | 0.92 | 0.91 | 0.84 | 0.70 | 0.31 | 0.86 | 0.95 | 1.14 | 1.09 | 1.32 | 1.09 |
| 1.37 | 1.25 | 1.17 | 1.12 | 0.81 | 1.09 | 0.76 | 0.64 | 0.69 | 0.62 | 0.58 | 0.95 | 1.13 |
| 1.32 | 1.30 | 1.12 | 1.02 | 1.02 | 1.12 | 1.24 | 1.32 | - | - | - | - | 1.12 |
| 1.52 | 1.39 | 1.17 | 1.14 | 1.07 | 1.27 | 0.98 | 0.91 | 0.85 | 0.96 | 1.17 | 0.91 | 1.14 |
| - | - | - | - | - | - | - | - | - | - | - | - | 1.25 |
| 0.91 | 0.77 | 0.80 | 0.72 | 0.71 | 0.80 | 0.64 | 0.49 | 0.63 | 0.67 | 0.53 | 0.63 | 0.70 |
| 0.51 | 0.62 | 0.60 | 0.47 | 0.37 | 0.37 | 0.37 | 0.37 | 0.51 | 0.51 | 0.57 | 0.72 | 0.64 |
| 0.62 | 0.65 | 0.96 | 0.47 | 1.72 | 1.20 | 0.73 | 0.59 | 0.63 | 0.75 | 1.04 | 1.12 | 0.83 |
| 0.65 | 0.57 | 0.55 | 0.42 | 0.51 | 0.37 | 0.46 | 0.55 | 0.51 | 0.51 | 0.58 | 0.91 | 0.69 |
| 0.62 | 0.58 | 0.42 | 0.44 | 0.49 | 0.55 | 0.55 | 0.53 | 0.53 | 0.62 | 0.46 | 0.59 | 0.64 |
| - | - | - | - | - | - | - | - | - | - | - | - | 0.86 |
| 0.97 | 0.98 | 0.95 | 0.89 | 0.88 | 0.80 | 0.73 | 0.77 | 0.76 | 0.78 | 0.78 | 0.89 | 0.89 |

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

| Día \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 657 | 782 | 782 | 657 | 707 | 707 | 608 | 521 | 434 | 434 | 434 | 477 |
| 2 | 608 | 707 | 608 | 434 | 434 | 434 | 434 | 434 | 347 | 434 | 434 | 434 |
| 3 | 1195 | 1115 | 1035 | 1154 | 782 | 868 | 825 | 787 | 434 | 781 | 521 | 695 |
| 4 | 608 | 608 | 521 | 347 | 260 | 260 | 347 | 347 | 521 | 521 | 434 | 260 |
| 5 | 260 | 260 | 390 | 347 | 347 | 347 | 260 | 260 | 260 | 217 | 260 | 260 |
| 6 | 174 | 174 | 174 | 174 | 260 | 174 | 260 | 173 | 174 | 174 | 174 | 260 |
| 7 | 303 | 521 | 521 | 744 | 608 | 657 | 608 | 564 | 434 | 434 | 564 | 521 |
| 8 | 260 | 303 | 434 | 347 | 260 | 260 | 260 | 260 | 260 | 347 | 738 | 908 |
| 9 | 521 | 434 | 434 | 390 | 434 | 303 | 303 | 260 | 347 | 477 | 608 | 608 |
| 10 | 260 | 260 | 260 | 260 | 260 | 390 | 434 | 390 | 434 | 564 | 782 | 1195 |
| 11 | 434 | 477 | 521 | 434 | 521 | 521 | 564 | 303 | 260 | - | 434 | 614 |
| 12 | 260 | 260 | 260 | 347 | 260 | 260 | 260 | 347 | 347 | 347 | 477 | 303 |
| 13 | 434 | 434 | 434 | 434 | 521 | 521 | 608 | 521 | 564 | 608 | 861 | 1275 |
| 14 | 521 | 477 | 434 | 347 | 347 | 434 | 564 | 390 | 347 | 657 | 744 | 608 |
| 15 | 434 | 347 | 347 | 260 | 260 | 347 | 347 | 521 | 434 | 434 | 434 | 695 |
| 16 | 1115 | 1195 | 1195 | 955 | 995 | 831 | 608 | 608 | 657 | 744 | 868 | 1071 |
| 17 | 911 | 955 | 955 | 1035 | 1035 | 707 | 608 | - | - | - | - | - |
| 18 | 390 | 521 | 477 | 434 | 434 | 434 | 564 | 608 | 707 | 744 | 911 | 1234 |
| 19 | 260 | 347 | 347 | 303 | 260 | 260 | 260 | 347 | 347 | 390 | 695 | 831 |
| 20 | 782 | 955 | 908 | 871 | 868 | 948 | 955 | 657 | 695 | 744 | 782 | 825 |
| 21 | 782 | 744 | 744 | 782 | 868 | 782 | 707 | 521 | 477 | 521 | 570 | 695 |
| 22 | 521 | 521 | 521 | 477 | 434 | 521 | 434 | 303 | 434 | 434 | 434 | 434 |
| 23 | 434 | 434 | 434 | 521 | 521 | 564 | 477 | 564 | 521 | 521 | 782 | 707 |
| 24 | 260 | 303 | 434 | 477 | 657 | 657 | 695 | - | - | - | - | - |
| 25 | 260 | 260 | 260 | 347 | 260 | 260 | 434 | 347 | 434 | - | - | 260 |
| 26 | 521 | 608 | 707 | 782 | 782 | 608 | 821 | 521 | 434 | 174 | 216 | 260 |
| 27 | 1035 | 1275 | 1595 | 1194 | 1115 | 782 | 955 | 781 | 477 | 521 | 434 | 303 |
| 28 | 347 | 434 | 347 | 390 | 347 | 390 | 303 | 303 | 477 | 695 | 787 | 521 |
| 29 | 911 | 781 | 527 | 608 | 868 | 1314 | 898 | 608 | 1115 | 955 | 521 | 521 |
| 30 | 260 | 434 | 521 | 608 | 608 | 608 | 217 | 260 | 303 | 260 | 86 | 260 |
| 31 | | | | | | | | | | | | |
| Promedio | 524 | 564 | 571 | 548 | 544 | 538 | 521 | 447 | 453 | 505 | 554 | 608 |

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

| Día \ Horas | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 488 | 526 | 602 | 564 | 526 | 526 | 526 | 526 | 413 | 526 | 526 | 488 |
| 2 | 451 | 526 | 488 | 376 | 376 | 451 | 413 | 376 | 376 | 376 | 413 | 451 |
| 3 | 676 | 639 | 489 | 526 | 376 | 344 | 301 | 312 | 226 | 526 | 312 | 563 |
| 4 | 639 | 413 | 301 | 226 | 226 | 226 | 226 | 226 | 312 | 226 | 226 | 150 |
| 5 | 226 | 150 | 226 | 226 | 269 | 344 | 226 | 226 | 226 | 188 | 150 | 112 |
| 6 | 150 | 150 | 150 | 150 | 150 | 226 | 226 | 150 | 226 | 226 | 226 | 226 |
| 7 | 226 | 376 | 376 | 488 | 451 | 488 | 376 | 344 | 312 | 344 | 376 | 376 |
| 8 | 226 | 312 | 226 | 301 | 226 | 188 | 226 | 269 | 226 | 269 | 489 | 602 |
| 9 | 269 | 188 | 231 | 188 | 188 | 269 | 312 | 312 | 344 | 344 | 269 | 344 |
| 10 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | - | - | - | - |
| 11 | - | - | 226 | 269 | 312 | 451 | 226 | 226 | - | - | - | 413 |
| 12 | 188 | 226 | 226 | 226 | 269 | 226 | 269 | 301 | 269 | 188 | 301 | 150 |
| 13 | 226 | 226 | 226 | 226 | 376 | 344 | 451 | 312 | 344 | 376 | 419 | 1048 |
| 14 | 381 | 376 | 269 | 150 | 226 | 312 | 413 | 301 | 269 | 601 | 601 | 526 |
| 15 | 188 | 226 | 226 | 150 | 226 | 188 | 269 | 312 | 344 | 301 | 344 | 414 |
| 16 | 905 | 942 | 1014 | 752 | 714 | 488 | 376 | 376 | 376 | 376 | 526 | 826 |
| 17 | 301 | 451 | 376 | 376 | 413 | 376 | 376 | 451 | - | - | - | - |
| 18 | 451 | 526 | 413 | 301 | 344 | 413 | 451 | 376 | 488 | 451 | 677 | 978 |
| 19 | 226 | 226 | 226 | 226 | 226 | 226 | 150 | 188 | 312 | 301 | 488 | 902 |
| 20 | 601 | 602 | 563 | 564 | 488 | 526 | 451 | 344 | 376 | 451 | 752 | 905 |
| 21 | 526 | 639 | 602 | 676 | 602 | 376 | 344 | 312 | 376 | 451 | 639 | 752 |
| 22 | 564 | 602 | 526 | 526 | 526 | 488 | 526 | 344 | 376 | 488 | 526 | 526 |
| 23 | 376 | 376 | 376 | 451 | 451 | 413 | 376 | 376 | 451 | 602 | 676 | 676 |
| 24 | 376 | 376 | 413 | 526 | 564 | 602 | 451 | - | - | - | - | - |
| 25 | 188 | 226 | 226 | 269 | 226 | 226 | 414 | 376 | 347 | - | - | 1231 |
| 26 | 477 | 521 | 614 | 608 | 434 | 347 | 243 | 226 | 150 | 150 | 75 | 188 |
| 27 | 601 | 639 | 677 | 526 | 489 | 226 | 226 | 226 | 231 | 301 | 301 | 381 |
| 28 | 376 | 226 | 451 | 451 | 376 | 376 | 451 | 269 | 150 | 188 | 301 | 301 |
| 29 | 601 | 376 | 226 | 226 | 489 | 526 | 226 | 269 | 752 | 488 | 1033 | 376 |
| 30 | 188 | 376 | 376 | 602 | 526 | 451 | 381 | 376 | 564 | 488 | 376 | 639 |
| 31 | | | | | | | | | | | | |
| Promedio | 390 | 402 | 386 | 379 | 376 | 362 | 337 | 308 | 339 | 369 | 441 | 538 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 608 | 608 | 657 | 695 | 608 | 434 | 390 | 434 | 434 | 477 | 695 | 707 | 581 |
| 521 | 434 | 608 | 991 | 995 | 782 | 911 | 1195 | 1275 | 1234 | 744 | 911 | 681 |
| 707 | 695 | 608 | 868 | 477 | 521 | 707 | 614 | 347 | 434 | 521 | 608 | 721 |
| 260 | 260 | 260 | 260 | 260 | 260 | 260 | 303 | 260 | 260 | 260 | 260 | 342 |
| 347 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 174 | 174 | 174 | 267 |
| 260 | 260 | 174 | 260 | 174 | 260 | 260 | 260 | 174 | 174 | 260 | 260 | 213 |
| 434 | 434 | 347 | 347 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 421 |
| 707 | 868 | 955 | 744 | 868 | 608 | 744 | 744 | 657 | 521 | 521 | 521 | 546 |
| 695 | 782 | 868 | 911 | 695 | 390 | 434 | 347 | 434 | 347 | 303 | 260 | 483 |
| 1595 | 1275 | 868 | 782 | 521 | 434 | 434 | 434 | 434 | 434 | 347 | 434 | 562 |
| 707 | 782 | 564 | 434 | 521 | 347 | 347 | 347 | 260 | 260 | 260 | 260 | 442 |
| 694 | 955 | 695 | 608 | 434 | 347 | 260 | 260 | 347 | 347 | 347 | 521 | 397 |
| 1354 | 1355 | 911 | 908 | 657 | 390 | 347 | 347 | 434 | 434 | 260 | 657 | 636 |
| 608 | 787 | 782 | 564 | 390 | 347 | 347 | 260 | 347 | 434 | 434 | 434 | 484 |
| 651 | 521 | 608 | 608 | 521 | 477 | 564 | 608 | 564 | 744 | 911 | 1035 | 528 |
| 1275 | 1275 | 1115 | 825 | 564 | 434 | 390 | 434 | 477 | 521 | 871 | 991 | 834 |
| - | - | - | - | - | 347 | 347 | 347 | 434 | 434 | 434 | 434 | 642 |
| 1354 | 1115 | 955 | 955 | 608 | - | 390 | 434 | 390 | 260 | 260 | 260 | 628 |
| 955 | 782 | 657 | 521 | 434 | 174 | 347 | 260 | 608 | 657 | 955 | 825 | 492 |
| 707 | 868 | 521 | 521 | 521 | 260 | 303 | 260 | 477 | 614 | 564 | 707 | 679 |
| 477 | 608 | 434 | 521 | 521 | 347 | 390 | 347 | 260 | 260 | 260 | 521 | 547 |
| 707 | 657 | 521 | 521 | 434 | 477 | 608 | 608 | 564 | 521 | 434 | 434 | 498 |
| 695 | 707 | 614 | 782 | 695 | 521 | 347 | 260 | 260 | 347 | 347 | 260 | 513 |
| - | - | - | 657 | 695 | 521 | 434 | 434 | 347 | 390 | 260 | 260 | 467 |
| 782 | 695 | 694 | 564 | 687 | 738 | 570 | 738 | 521 | 608 | 527 | 434 | 485 |
| 260 | 174 | 260 | 86 | 174 | 434 | 521 | 174 | 347 | 260 | 434 | 707 | 428 |
| 174 | 564 | 955 | 908 | 781 | 521 | 303 | 260 | 260 | 347 | 434 | 434 | 684 |
| 521 | 390 | 260 | 477 | 483 | 303 | 347 | 347 | 390 | 347 | 608 | 695 | 438 |
| 608 | 608 | 434 | 434 | 434 | 521 | 434 | 477 | 434 | 347 | 260 | 260 | 620 |
| 434 | 434 | 695 | 861 | 981 | 607 | 260 | 260 | 86 | 174 | 260 | 260 | 406 |
| 682 | 684 | 617 | 616 | 539 | 425 | 417 | 410 | 411 | 421 | 440 | 493 | 522 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 639 | 602 | 602 | 451 | 376 | 226 | 226 | 226 | 344 | 413 | 488 | 526 | 473 |
| 451 | 526 | 902 | 866 | 752 | 602 | 601 | 752 | 793 | 676 | 226 | 301 | 522 |
| 602 | 563 | 376 | 526 | 526 | 602 | 639 | 381 | 269 | 344 | 526 | 1103 | 489 |
| 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 269 | 226 | 226 | 226 | 256 |
| 188 | 226 | 269 | 188 | 150 | 150 | 226 | 150 | 226 | 226 | 226 | 226 | 209 |
| 269 | 312 | 226 | 188 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 150 | 207 |
| 376 | 344 | 312 | 269 | 269 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 320 |
| 526 | 602 | 602 | 376 | 676 | 451 | 376 | 564 | 312 | 376 | 301 | 338 | 377 |
| 376 | 564 | 602 | 564 | 419 | 301 | 226 | 301 | 344 | 376 | 312 | 226 | 328 |
| - | - | - | - | - | - | - | - | - | - | - | - | 226 |
| 488 | 376 | 226 | 226 | 269 | 188 | 188 | 150 | 150 | 188 | 112 | 188 | 256 |
| 494 | 790 | 488 | 451 | 312 | 269 | 226 | 312 | 344 | 226 | 188 | 226 | 298 |
| 1120 | 1250 | 1014 | 940 | 451 | 226 | 312 | 344 | 226 | 269 | 188 | 413 | 472 |
| 526 | 715 | 639 | 451 | 344 | 226 | 226 | 150 | 150 | 226 | 188 | 150 | 351 |
| 376 | 451 | 451 | 376 | 381 | 269 | 376 | 413 | 488 | 639 | 752 | 902 | 377 |
| 976 | 976 | 765 | 451 | 226 | 188 | 226 | 150 | 75 | 188 | 338 | 344 | 524 |
| - | - | - | - | - | - | 226 | 269 | 269 | 226 | 226 | 312 | 332 |
| 1154 | 976 | 828 | 752 | 376 | 269 | 226 | 226 | 226 | 226 | 226 | 226 | 482 |
| 866 | 639 | 526 | 413 | 344 | 226 | 381 | 150 | 269 | 301 | 488 | 488 | 366 |
| 905 | 790 | 301 | 381 | 312 | 226 | 226 | 226 | 269 | 376 | 376 | 376 | 474 |
| 639 | 676 | 639 | 602 | 376 | 226 | 226 | 269 | 312 | 269 | 301 | 526 | 473 |
| 714 | 676 | 488 | 344 | 344 | 312 | 451 | 451 | 376 | 376 | 376 | 451 | 474 |
| 714 | 676 | 563 | 601 | 413 | 376 | 226 | 312 | 226 | 413 | 376 | 376 | 453 |
| - | - | - | 488 | 344 | 226 | 269 | 312 | 269 | 188 | 226 | 226 | 366 |
| 955 | 955 | 1915 | 1234 | 1074 | 1068 | 608 | 434 | 564 | 434 | 390 | 347 | 623 |
| 269 | 376 | 376 | 226 | 226 | 150 | 226 | 188 | 226 | 226 | 376 | 376 | 303 |
| 376 | 376 | - | 823 | 1154 | 753 | 269 | 150 | 269 | 376 | 488 | 526 | 451 |
| 226 | 188 | 75 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 188 | 489 | 256 |
| 301 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 349 |
| 676 | 676 | 526 | 526 | 344 | 312 | 301 | 226 | 269 | 419 | 301 | 451 | 432 |
| 571 | 583 | 545 | 476 | 406 | 318 | 292 | 284 | 286 | 311 | 313 | 377 | 390 |

## IONES PESADOS POSITIVOS "N+" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2690 | 2690 | 2690 | 2690 | 3585 | 1795 | 3585 | 4490 | 5380 | 5380 | 4490 | 5380 |
| 2 | 5380 | 5380 | 4490 | 4490 | 4490 | 4490 | 3585 | 5380 | 5380 | 5380 | 6295 | 5380 |
| 3 | 4490 | 4490 | 5380 | 3585 | 4490 | 4490 | 5380 | 4490 | 11690 | 8060 | 11690 | 12590 |
| 4 | 13430 | 11690 | 7180 | 9860 | 11690 | 9860 | 5380 | 10770 | 6295 | 6295 | 8060 | 11690 |
| 5 | 18870 | 17950 | 20350 | 23360 | 22400 | 24200 | 24200 | 23360 | 22400 | 27800 | 20350 | 11690 |
| 6 | 18870 | 17050 | 17950 | 17950 | 18870 | 18870 | 20700 | 24200 | 24200 | 27800 | 26000 | 10770 |
| 7 | 8950 | 5380 | 4490 | 3585 | 4490 | 3585 | 6295 | 8060 | 8060 | 8060 | 8060 | 8060 |
| 8 | 10770 | 6295 | 4490 | 3585 | 5380 | 6295 | 8950 | 10770 | 9860 | 6295 | 3585 | 2690 |
| 9 | 2690 | 3585 | 1795 | 2690 | 3585 | 3585 | 4490 | 4490 | 4490 | 3585 | 2690 | 2690 |
| 10 | 7180 | 9860 | 10770 | 11690 | 17050 | 14350 | 5380 | 8060 | 11690 | 9860 | 6295 | 5380 |
| 11 | 8950 | 6295 | 8950 | 8060 | 5380 | 7180 | 8950 | 16130 | 23360 | - | - | 5380 |
| 12 | 24200 | 25150 | 13430 | 10770 | 13430 | 14350 | 16130 | 18870 | 26000 | 8060 | 13430 | 9860 |
| 13 | 14350 | 11690 | 9860 | 9860 | 12590 | 8060 | 6295 | 9860 | 9860 | 6295 | 5380 | 4490 |
| 14 | 4490 | 3585 | 3585 | 6295 | 6295 | 4490 | 5380 | 4490 | 7180 | 5380 | 8060 | 6295 |
| 15 | 7180 | 9860 | 8060 | 11690 | 9860 | 3585 | 5380 | 4490 | 6295 | 7180 | 8950 | 8950 |
| 16 | 898 | 898 | 898 | 898 | 1795 | 1795 | 3585 | 3585 | 4490 | 3585 | 4490 | 6295 |
| 17 | 5380 | 5380 | 4490 | 2690 | 5380 | 6295 | 10770 | - | - | - | - | - |
| 18 | 8060 | 5380 | 5380 | 4490 | 5380 | 5380 | 4490 | 2690 | 3585 | 3585 | 4490 | 6295 |
| 19 | 18870 | 15250 | 13430 | 14350 | 11690 | 8950 | 11690 | 12590 | 14350 | 7180 | 5380 | 8060 |
| 20 | 3585 | 1795 | 2690 | 2690 | 1795 | 898 | 2690 | 3585 | 3585 | 4490 | 4490 | 4490 |
| 21 | 2690 | 1795 | 2690 | 1795 | 2690 | 3585 | 6295 | 5380 | 4490 | 4490 | 3585 | 4490 |
| 22 | 3585 | 3585 | 3585 | 3585 | 3585 | 3585 | 2690 | 11690 | 5380 | 5380 | 5380 | 6295 |
| 23 | 3585 | 3585 | 4490 | 2690 | 4490 | 3585 | 6295 | 5380 | 5380 | 3585 | 7180 | 4490 |
| 24 | 5380 | 6295 | 6295 | 4490 | 4490 | 4490 | 3585 | - | - | - | - | - |
| 25 | 12590 | 11690 | 16130 | 10770 | 10770 | 13430 | 11690 | 6295 | - | - | - | - |
| 26 | - | - | - | - | - | - | - | 6295 | 8950 | 11690 | 13430 | 9860 |
| 27 | 2690 | 2690 | 2690 | 2690 | 1795 | 3585 | 4490 | 3585 | 3585 | 4490 | 2690 | 11690 |
| 28 | 2690 | 2690 | 2690 | 1795 | 2690 | 2690 | 1795 | 3585 | 3585 | 3585 | 2690 | 3585 |
| 29 | 1795 | 2690 | 4490 | 4490 | 6295 | 4490 | 5380 | 7180 | 2690 | 5380 | 8060 | 11690 |
| 30 | 4490 | 3585 | 2690 | 1795 | 3585 | 3585 | 6295 | 8950 | 8950 | - | - | - |
| 31 | | | | | | | | | | | | |
| Promedio | 7888 | 7181 | 6762 | 6530 | 7242 | 6742 | 7304 | 8525 | 9302 | 7715 | 7808 | 7251 |

## IONES PESADOS NEGATIVOS "N−" por cm³

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2690 | 2690 | 2690 | 2690 | 4490 | 2690 | 3585 | 4490 | 4490 | 3585 | 5380 | 3585 |
| 2 | 5380 | 1795 | 2690 | 3585 | 3585 | 3585 | 1795 | 7180 | 5380 | 5380 | 7180 | 1795 |
| 3 | 2690 | 4490 | 3585 | 2690 | 3585 | 3585 | 3585 | 6295 | 8060 | 7180 | 10770 | 8950 |
| 4 | 12590 | 7180 | 8060 | 10770 | 9860 | 9860 | 8060 | 9860 | 5380 | 8060 | 8950 | 12590 |
| 5 | 17050 | 15250 | 24200 | 24200 | 24200 | 24200 | 23360 | 21520 | 23360 | 21520 | 14350 | 8950 |
| 6 | 17950 | 18870 | 17050 | 17950 | 20700 | 20700 | 21520 | 22400 | 26000 | 26000 | 15250 | 8950 |
| 7 | 7180 | 5380 | 4490 | 3585 | 4490 | 4490 | 6295 | 7180 | 7180 | 8060 | 8060 | 8060 |
| 8 | 7180 | 2690 | 4490 | 5380 | 5380 | 8060 | 9860 | 10770 | 8060 | 4490 | 1795 | 1795 |
| 9 | 2690 | 2690 | 2690 | 2690 | 4490 | 4490 | 3585 | 5380 | 2690 | 3585 | 2690 | 2690 |
| 10 | 3585 | 8950 | 10770 | 8060 | 17050 | 4490 | 4490 | 17050 | 9860 | 8060 | 6295 | 5380 |
| 11 | 8060 | 8950 | 8950 | 8060 | 7180 | 8950 | 17950 | 20350 | 22400 | - | - | 4490 |
| 12 | 23360 | 23360 | 14350 | 13430 | 13430 | 14350 | 17950 | 25150 | 17050 | 13430 | 9860 | 8950 |
| 13 | 15250 | 9860 | 9860 | 10770 | 8060 | 6295 | 7180 | 8060 | 5380 | 5380 | 4490 | 6295 |
| 14 | 2690 | 3585 | 6295 | 6295 | 5380 | 5380 | 3585 | 7180 | 6295 | 7180 | 6295 | 6295 |
| 15 | 8950 | 8060 | 9860 | 9860 | 9860 | 8060 | 5380 | 6295 | 7180 | 7180 | 8950 | 6295 |
| 16 | 2690 | 2690 | 1795 | 1795 | 3585 | 3585 | 3585 | 4490 | 4490 | 5380 | 4490 | 6295 |
| 17 | 6295 | 4490 | 4490 | 3585 | 3585 | 6295 | 8950 | - | - | - | - | - |
| 18 | 7180 | 3585 | 6295 | 4490 | 6295 | 5380 | 4490 | 3585 | 3585 | 4490 | 5380 | 5380 |
| 19 | 17950 | 17050 | 16130 | 14350 | 13430 | 12590 | 13430 | 13430 | 11690 | 7180 | 8060 | 6295 |
| 20 | 4490 | 2690 | 2690 | 2690 | 3585 | 2690 | 3585 | 5380 | 4490 | 3585 | 5380 | 4490 |
| 21 | 2690 | 2690 | 1795 | 3585 | 2690 | 4490 | 4490 | 5380 | 4490 | 4490 | 3585 | 3585 |
| 22 | 1795 | 3585 | 2690 | 2690 | 3585 | 3585 | 3585 | 8060 | 5380 | 3585 | 5380 | 5380 |
| 23 | 2690 | 3585 | 3585 | 3585 | 2690 | 6295 | 2690 | 4490 | 3585 | 5380 | 3585 | 4490 |
| 24 | 3585 | 2690 | 2690 | 2690 | 4490 | 4490 | 3585 | - | - | - | - | - |
| 25 | 11690 | 14350 | 16130 | 10770 | 10770 | 11690 | 4490 | 9860 | - | - | - | - |
| 26 | - | - | - | - | - | - | - | 8950 | 7180 | 14350 | 12590 | 8060 |
| 27 | 3585 | 2690 | 2690 | 1795 | 2690 | 5380 | 6295 | 5380 | 4490 | 4490 | 1795 | 6295 |
| 28 | 1795 | 2690 | 1795 | 2690 | 2690 | 1795 | 1795 | 3585 | 2690 | 1795 | 898 | 1795 |
| 29 | 1795 | 3585 | 538C | 4490 | 3585 | 3585 | 5380 | 6295 | 4490 | 4490 | 9860 | 8950 |
| 30 | 4490 | 4490 | 2690 | 2690 | 898 | 898 | 4490 | 7180 | 8950 | - | - | - |
| 31 | | | | | | | | | | | | |
| Promedio | 7242 | 6712 | 6927 | 6617 | 7114 | 6963 | 7207 | 9472 | 8306 | 7532 | 6853 | 6003 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4490 | 4490 | 4490 | 4490 | 6295 | 8950 | 12590 | 8060 | 5380 | 5380 | 4490 | 4490 | 4935 |
| 3585 | 4490 | 3585 | 3585 | 4490 | 4490 | 5380 | 3585 | 4490 | 3585 | 6295 | 7180 | 4780 |
| 9860 | 9860 | 11690 | 5380 | 8060 | 13430 | 6295 | 8060 | 13430 | 12590 | 10770 | 11690 | 8414 |
| 11690 | 14350 | 12590 | 13430 | 17050 | 18870 | 23360 | 21520 | 18870 | 20350 | 18870 | 20350 | 13470 |
| 4490 | 4490 | 6295 | 9860 | 10770 | 10770 | 9860 | 16130 | 16130 | 17950 | 20350 | 20700 | 16864 |
| 8060 | 9860 | 12590 | 14350 | 14350 | 17050 | 17050 | 16130 | 14350 | 17950 | 17050 | 15250 | 17386 |
| 8060 | 7180 | 7180 | 6295 | 8060 | 14350 | 16130 | 17950 | 18870 | 12590 | 12590 | 12590 | 9122 |
| 3585 | 3585 | 3585 | 2690 | 2690 | 4490 | 3585 | 3585 | 3585 | 4490 | 3585 | 3585 | 5084 |
| 3585 | 4490 | 2690 | 2690 | 3585 | 7180 | 7180 | 8950 | 4490 | 5380 | 6295 | 10770 | 4485 |
| 6295 | 7180 | 8060 | 8060 | 7180 | 16130 | 18870 | 12590 | 14350 | 12590 | 15250 | 14350 | 10769 |
| 7180 | 4490 | 3585 | 9860 | 8060 | 11690 | 15250 | 9860 | 11690 | 20700 | 21520 | 22400 | 11133 |
| 5380 | 7180 | 8060 | 9860 | 16130 | 20700 | 18870 | 23360 | 23360 | 24200 | 18870 | 15250 | 16037 |
| 6295 | 5380 | 5380 | 4490 | 5380 | 9860 | 20350 | 27800 | 16130 | 10770 | 8060 | 3585 | 9669 |
| 8060 | 3585 | 2690 | 4490 | 5380 | 8950 | 8060 | 8950 | 9860 | 9860 | 6295 | 7180 | 6204 |
| 5380 | 7180 | 6295 | 4490 | 5380 | 8060 | 6295 | 6295 | 5380 | 3585 | 1795 | 898 | 6355 |
| 4490 | 3585 | 2690 | 6295 | 11690 | 10770 | 9860 | 13430 | 7180 | 10770 | 8950 | 6295 | 5384 |
| - | - | - | - | - | - | 13430 | 24200 | 11690 | 6295 | 8060 | 8060 | 8625 |
| 4490 | 4490 | 6295 | 4490 | 6295 | 8950 | 17050 | 12590 | 17050 | 17950 | 18870 | 18870 | 8191 |
| 6295 | 7180 | 4490 | 6295 | 24200 | 18870 | 24200 | 13430 | 5380 | 2690 | 1795 | 2690 | 10804 |
| 3585 | 2690 | 4490 | 3585 | 5380 | 10770 | 16130 | 14350 | 10770 | 3585 | 3585 | 3585 | 4970 |
| 4490 | 3585 | 3585 | 4490 | 5380 | 10770 | 6295 | 7180 | 6295 | 7180 | 6295 | 4490 | 4750 |
| 3585 | 4490 | 4490 | 4490 | 6295 | 6295 | 5380 | 5380 | 5380 | 4490 | 4490 | 4490 | 4899 |
| 5380 | 2690 | 3585 | 4490 | 8060 | 6295 | 14350 | 8950 | 6295 | 5380 | 5380 | 5380 | 5457 |
| - | - | - | 7180 | 6295 | 11690 | 16130 | 22400 | 18870 | 20350 | 21520 | 17050 | 11032 |
| - | - | - | - | - | - | - | - | - | - | - | - | 91671 |
| 6295 | 6295 | 6295 | 8950 | 11690 | 14350 | 18870 | 14350 | 8060 | 7180 | 4490 | 4490 | 9502 |
| 6295 | 5380 | 4490 | 8060 | 5380 | 2690 | 5380 | 3585 | 5380 | 3585 | 3585 | 2690 | 4298 |
| 3585 | 5380 | 7180 | 6295 | 7180 | 11690 | 10770 | 5380 | 5380 | 4490 | 5380 | 3585 | 4598 |
| 6295 | 5380 | 9860 | 9860 | 7180 | 6295 | 9860 | 8060 | 5380 | 4490 | 3585 | 3585 | 6019 |
| - | - | - | - | - | - | - | - | - | - | - | - | 2658 |
| 5799 | 5728 | 6008 | 6611 | 8440 | 10904 | 12744 | 12361 | 10481 | 10014 | 9574 | 9126 | 8252 |

| 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedios |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1795 | 4490 | 2690 | 4490 | 8950 | 11690 | 6295 | 5380 | 2690 | 3585 | 1795 | 2690 | 4149 |
| 4490 | 898 | 898 | 3585 | 4490 | 4490 | 5380 | 4490 | 4490 | 3585 | 4490 | 898 | 3813 |
| 9860 | 11690 | 11690 | 5380 | 8060 | 13430 | 8060 | 9860 | 13430 | 9860 | 9860 | 10770 | 7809 |
| 14350 | 13430 | 13430 | 13430 | 17050 | 18870 | 18870 | 23360 | 24200 | 17950 | 18870 | 20700 | 13572 |
| 2690 | 4490 | 10770 | 8060 | 10770 | 9860 | 11690 | 16130 | 16130 | 18870 | 20700 | 20700 | 16376 |
| 8060 | 8950 | 14350 | 13430 | 15250 | 17950 | 17950 | 17050 | 17050 | 17950 | 17950 | 16130 | 17308 |
| 8950 | 7180 | 7180 | 6295 | 9860 | 17050 | 17950 | 16130 | 12590 | 12590 | 12590 | 12590 | 8975 |
| 2690 | 2690 | 1795 | 3585 | 3585 | 4490 | 3585 | 2690 | 3585 | 5380 | 1795 | 2690 | 4521 |
| 3585 | 2690 | 1795 | 1795 | 3585 | 9860 | 6295 | 7180 | 4490 | 5380 | 9860 | 6295 | 4298 |
| 4490 | 7180 | 6295 | 5380 | 9860 | 18870 | 13430 | 12590 | 13430 | 17950 | 13430 | 11690 | 9943 |
| 5380 | 6295 | 7180 | 8060 | 7180 | 9860 | 10770 | 12590 | 12590 | 21520 | 20700 | 23360 | 11856 |
| 5380 | 4490 | 8950 | 9860 | 13430 | 24200 | 20700 | 23360 | 26000 | 20350 | 14350 | 13430 | 15798 |
| 5380 | 3585 | 4490 | 4490 | 6295 | 14350 | 24200 | 21520 | 17950 | 7180 | 9860 | 3585 | 9157 |
| 6295 | 2690 | 2690 | 5380 | 8060 | 8950 | 8060 | 10770 | 11690 | 8950 | 6295 | 7180 | 6394 |
| 6295 | 7180 | 8060 | 5380 | 5380 | 7180 | 4490 | 5380 | 4490 | 3585 | 2690 | 1795 | 6576 |
| 5380 | 4490 | 5380 | 6295 | 9860 | 8950 | 15250 | 11690 | 8060 | 8060 | 7180 | 5380 | 5868 |
| - | - | - | - | - | 20350 | 17950 | 15250 | 6295 | 7180 | 8060 | 9860 | 8759 |
| 6295 | 5380 | 6295 | 5380 | 6295 | 12590 | 22400 | 17950 | 20700 | 21520 | 20700 | 20700 | 9431 |
| 7180 | 6295 | 8950 | 14350 | 20700 | 17950 | 24200 | 8950 | 5380 | 3585 | 2690 | 4490 | 11513 |
| 3585 | 7180 | 4490 | 5380 | 5380 | 21520 | 15250 | 13430 | 6295 | 4490 | 4490 | 3585 | 5867 |
| 4490 | 3585 | 4490 | 4490 | 5380 | 10770 | 8060 | 5380 | 5380 | 5380 | 4490 | 2690 | 4523 |
| 3585 | 2690 | 4490 | 5380 | 6295 | 6295 | 5380 | 4490 | 4490 | 4490 | 3585 | 3585 | 4336 |
| 3585 | 1795 | 5380 | 4490 | 4490 | 7180 | 8950 | 12590 | 3585 | 5380 | 4490 | 4490 | 4711 |
| - | - | - | 5380 | 5380 | 14350 | 20350 | 20700 | 21520 | 20350 | 18870 | 13430 | 10284 |
| - | - | - | - | - | - | - | - | - | - | - | - | 11218 |
| 8060 | 7180 | 8950 | 9860 | 11690 | 15250 | 16130 | 13430 | 8060 | 7180 | 4490 | 4490 | 9759 |
| 1795 | 2690 | 3585 | 4490 | 3585 | 3585 | 3585 | 3585 | 898 | 1795 | 898 | 1795 | 3327 |
| 3585 | 6295 | 6295 | 6295 | 7180 | 10770 | 9860 | 7180 | 5380 | 6295 | 3585 | 2690 | 4226 |
| 6295 | 5380 | 11690 | 8060 | 6295 | 5380 | 8060 | 7180 | 5380 | 4490 | 4490 | 4490 | 5795 |
| - | - | - | - | - | - | - | - | - | - | - | - | 4086 |
| 5520 | 5418 | 6625 | 6609 | 8308 | 12358 | 12613 | 11796 | 10222 | 9817 | 9045 | 8435 | 8071 |

## COMPONENTE NORTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - 1.4 | - 9.5 | - 6.8 | - 5.4 | - 2.7 | - 2.7 | - 5.4 | - 1.4 | - 5.4 | - 6.8 | -10.8 | - 8.1 | - 9.5 |
| 2 | - 9.5 | -13.6 | - 8.1 | - 2.7 | - 6.8 | - 6.8 | - 2.7 | - 2.7 | -12.2 | -17.6 | -10.8 | -13.6 | -14.9 |
| 3 | - 8.1 | - 6.8 | - 8.1 | - 6.8 | - 6.8 | - 5.4 | - 5.4 | - 4.1 | - 9.5 | - 8.1 | - 5.4 | - 4.1 | - 8.1 |
| 4 | - 5.4 | - 4.1 | - 5.4 | - 2.7 | - 2.7 | - 1.4 | 1.7 | - 2.7 | -10.8 | -10.8 | - 6.8 | - 6.8 | - 4.1 |
| 5 | - 6.8 | - 5.4 | - 8.1 | - 6.8 | - 4.1 | - 4.1 | - 4.1 | - 2.7 | - 5.4 | - 5.4 | - 4.1 | - 2.7 | - 5.4 |
| 6 | - 6.8 | - 5.4 | - 8.1 | - 8.1 | - 5.4 | - 5.4 | - 5.4 | - 4.1 | - 8.1 | - 8.1 | - 4.1 | - 5.4 | - 6.8 |
| 7 | 10.3 | 1.7 | - 4.1 | - 8.1 | -10.8 | - 9.5 | 17.2 | 1.7 | - 2.7 | -10.8 | - | - | - |
| 8 | - 5.4 | - 5.4 | - 6.8 | - 5.4 | - 5.4 | - 5.4 | - 4.1 | - 2.7 | - 2.7 | - 1.4 | - 5.4 | - 6.8 | - 8.1 |
| 9 | 3.4 | 5.2 | 3.4 | 5.2 | 6.9 | 3.4 | 3.4 | 6.9 | - 2.7 | - 2.7 | - 8.1 | - 2.7 | - 5.4 |
| 10 | 3.4 | 1.7 | - 2.7 | - 1.4 | - 1.4 | - 1.4 | 1.7 | 3.4 | - 2.7 | - 4.1 | - 2.7 | - 1.4 | - 5.4 |
| 11 | - 6.8 | - 1.4 | - 2.7 | - 4.1 | - 4.1 | - 1.4 | - 2.7 | 1.7 | - 1.4 | - 6.8 | - 4.1 | - 1.4 | - 2.7 |
| 12 | 3.4 | 1.7 | 1.7 | 1.7 | 3.4 | - 1.4 | 3.4 | 3.4 | 5.2 | - 1.4 | - 2.7 | - 4.1 | - 9.5 |
| 13 | 1.7 | 1.7 | - 1.4 | 1.7 | 1.7 | 3.4 | 3.4 | 5.2 | 6.9 | 5.2 | 5.2 | 6.9 | 1.7 |
| 14 | 5.2 | 5.2 | 5.2 | 5.2 | 1.7 | 6.9 | 10.3 | 10.3 | 5.2 | - 1.4 | 3.4 | 8.6 | 10.3 |
| 15 | 3.4 | 15.4 | 6.9 | 5.2 | 8.6 | 10.3 | 5.2 | 6.9 | 6.9 | 8.6 | 3.4 | 5.2 | 3.4 |
| 16 | 8.6 | 12.0 | 12.0 | 13.8 | 12.0 | 12.0 | 12.0 | 15.4 | 13.8 | 13.8 | 12.0 | 15.4 | 13.8 |
| 17 | 17.2 | 12.0 | 13.8 | 15.4 | 12.0 | 15.4 | 13.8 | - | - | - | - | - | - |
| 18 | 10.3 | 13.8 | 12.0 | 15.4 | 13.8 | 12.0 | 12.0 | - | - | 12.0 | 10.3 | 13.8 | 13.8 |
| 19 | 15.4 | 13.8 | 10.3 | 15.4 | 13.8 | 12.0 | 17.2 | 17.2 | 15.4 | 13.8 | 10.3 | 12.0 | 15.4 |
| 20 | 15.4 | 10.3 | 8.6 | 12.0 | 12.0 | 17.2 | 17.2 | 15.4 | 12.0 | 8.6 | 8.6 | 10.3 | 10.3 |
| 21 | - 2.7 | 13.8 | 13.8 | 15.4 | 17.2 | 12.0 | 24.0 | 8.6 | - 1.4 | 3.4 | 6.9 | 5.2 | 3.4 |
| 22 | - 1.4 | 3.4 | 10.3 | 6.9 | 12.0 | 5.2 | 12.0 | 12.0 | 12.0 | 8.6 | 1.7 | 5.2 | 3.4 |
| 23 | 13.8 | 3.4 | 8.6 | 8.6 | 6.9 | 6.9 | 10.3 | 12.0 | 5.2 | 1.7 | - 1.4 | 1.7 | 5.2 |
| 24 | 6.9 | 5.2 | 3.4 | 10.3 | 8.6 | 5.2 | 6.9 | - | - | - | - | - | - |
| 25 | 5.2 | 6.9 | 6.9 | 5.2 | 5.2 | 12.0 | 3.4 | 6.9 | 8.6 | - | - | 10.3 | 15.4 |
| 26 | 10.3 | 12.0 | 6.9 | 10.3 | 8.6 | 6.9 | 8.6 | 5.2 | 6.9 | 3.4 | 5.2 | 10.3 | 8.6 |
| 27 | 6.9 | 6.9 | 8.6 | 10.3 | 8.6 | 5.2 | 3.4 | 6.9 | 3.4 | 5.2 | 5.2 | 10.3 | 8.6 |
| 28 | 24.0 | 22.3 | 22.3 | 30.9 | 27.4 | 29.2 | 27.4 | 25.8 | 20.6 | 18.9 | 12.0 | 12.0 | 12.0 |
| 29 | - 1.4 | 13.8 | 8.6 | 12.0 | 10.3 | 24.0 | 18.9 | 25.8 | 36.0 | 22.3 | 17.2 | 17.2 | 10.3 |
| 30 | 8.6 | 13.8 | 13.8 | 18.9 | 18.9 | 15.4 | 18.9 | 24.0 | 15.4 | 15.4 | 10.3 | 13.8 | 8.6 |
| 31 | | | | | | | | | | | | | |
| Prom | 3.9 | 4.8 | 3.8 | 5.6 | 5.3 | 5.7 | 7.4 | 7.2 | 4.0 | 2.0 | 1.7 | 3.7 | 2.4 |
| Var. | 1.2 | 2.1 | 1.1 | 2.9 | 2.6 | 3.0 | 4.7 | 4.5 | 1.3 | - 0.7 | - 1.0 | 1.0 | - 0.3 |

## COMPONENTE ESTE en MV/Km.

| DÍAS \ HORAS | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -16.0 | -12.0 | -14.6 | -14.6 | -16.0 | -20.0 | -25.3 | -26.6 | -25.3 | -24.0 | -21.3 | -18.6 | -17.3 |
| 2 | -12.0 | -10.6 | -13.3 | -14.6 | -16.0 | -18.6 | -21.3 | -25.3 | -24.0 | -25.3 | -17.3 | -14.6 | -16.0 |
| 3 | -14.6 | -13.3 | -13.3 | -18.6 | -16.0 | -18.6 | -16.0 | -20.0 | -26.6 | -24.0 | -22.6 | -18.6 | -20.0 |
| 4 | -10.6 | - 8.0 | -12.0 | -16.0 | -14.6 | -13.3 | -13.3 | -14.6 | -25.3 | -22.6 | -16.0 | -18.6 | -18.6 |
| 5 | -18.6 | -17.3 | -18.6 | -18.6 | -18.6 | -17.3 | -20.0 | -13.3 | -12.0 | -13.3 | -18.6 | -20.0 | -24.0 |
| 6 | -18.6 | -16.0 | -16.0 | -18.6 | -20.0 | -17.3 | -18.6 | -20.0 | -31.9 | -26.6 | -18.6 | -20.0 | -21.3 |
| 7 | -21.3 | -17.3 | -16.0 | -21.3 | -20.0 | -16.0 | -20.0 | -20.0 | -27.9 | -24.0 | -25.3 | -26.6 | -18.6 |
| 8 | -17.3 | -13.3 | -16.0 | -16.0 | -16.0 | -14.6 | -20.0 | -16.0 | -16.0 | -17.3 | -16.0 | -21.3 | -20.0 |
| 9 | -14.6 | -13.3 | -13.3 | -14.6 | -16.0 | -14.6 | -16.0 | -12.0 | -20.0 | -16.0 | -21.3 | -21.3 | -20.0 |
| 10 | -17.3 | -13.3 | -16.0 | -17.3 | -20.0 | -22.6 | -21.3 | -21.3 | -29.3 | -24.0 | -20.0 | -18.6 | -18.6 |
| 11 | -13.3 | -12.0 | -13.3 | -10.6 | -13.3 | -16.0 | -18.6 | -17.3 | -16.0 | -27.9 | -25.3 | -17.3 | -20.0 |
| 12 | -16.0 | -13.3 | -13.3 | -16.0 | -17.3 | -14.6 | -12.0 | -13.3 | -18.6 | -18.6 | -25.3 | -17.3 | -18.6 |
| 13 | -16.0 | -14.6 | -14.6 | -16.0 | -14.6 | -17.3 | -17.3 | -21.3 | -25.3 | -26.6 | -26.6 | -21.3 | -16.0 |
| 14 | -14.6 | -14.6 | -14.6 | -16.0 | -16.0 | -13.3 | -13.3 | -22.6 | -21.3 | -21.3 | -22.6 | -21.3 | -22.6 |
| 15 | -13.3 | -12.0 | -12.0 | -16.0 | -14.6 | -16.0 | -17.3 | -13.3 | -12.0 | -17.3 | -17.3 | -14.6 | -18.6 |
| 16 | -10.6 | -14.6 | -13.3 | -16.0 | -16.0 | -14.6 | -16.0 | - 8.0 | -14.6 | -13.3 | -12.0 | -12.0 | -18.6 |
| 17 | -18.6 | -14.6 | -16.0 | -20.0 | -24.0 | -21.3 | -17.3 | - | - | - | - | - | - |
| 18 | -18.6 | -14.6 | -16.0 | -18.6 | -18.6 | -17.3 | -16.0 | - | - | -16.0 | -17.3 | -14.6 | -16.0 |
| 19 | -14.6 | -16.0 | -16.0 | -18.6 | -20.0 | -17.3 | -18.6 | -17.3 | -22.6 | -25.3 | -21.3 | -17.3 | -21.3 |
| 20 | -16.0 | -14.6 | -14.6 | -16.0 | -18.6 | -20.0 | -16.0 | -16.0 | -18.6 | -18.6 | -14.6 | -17.3 | -18.6 |
| 21 | -14.6 | -14.6 | -16.0 | -17.3 | -17.3 | -14.6 | -17.3 | -18.6 | -22.6 | -21.3 | -24.0 | -18.6 | -17.3 |
| 22 | -16.0 | -14.6 | -17.3 | -16.0 | -16.0 | -17.3 | -18.6 | -18.6 | -16.0 | -20.0 | -17.3 | -16.0 | -17.3 |
| 23 | -21.3 | -17.3 | -17.3 | -18.6 | -22.6 | -17.3 | -20.0 | -16.0 | -22.6 | -29.3 | -29.3 | -16.0 | -14.6 |
| 24 | -10.6 | -12.0 | -14.6 | -16.0 | -13.3 | -13.3 | - 8.0 | - | - | - | - | - | - |
| 25 | -16.0 | -14.6 | -13.3 | -18.6 | -20.0 | -18.6 | -12.0 | -16.0 | -18.6 | - | - | -13.3 | - 9.3 |
| 26 | - | - | -13.3 | -14.6 | -13.3 | -16.0 | -12.0 | -17.3 | -14.6 | -13.3 | -24.0 | -12.0 | -14.6 |
| 27 | -16.0 | -14.6 | -16.0 | -20.0 | -16.0 | -14.6 | -10.6 | - 8.0 | - 8.0 | - 9.3 | -13.3 | - 6.7 | - 6.7 |
| 28 | -12.0 | -13.3 | -14.6 | -16.0 | -13.3 | -14.6 | -14.6 | -17.3 | -18.6 | -17.3 | -22.6 | -20.0 | -20.0 |
| 29 | -13.3 | -16.0 | -17.3 | -18.6 | -17.3 | -21.3 | -24.0 | -20.0 | -18,6 | -18.6 | -18.6 | -13.3 | -12.0 |
| 30 | -13.3 | -12.0 | -13.3 | -17.3 | -26.6 | -13.3 | -13.3 | - 6.7 | -14.6 | -13.3 | -13.3 | -10.6 | - |
| 31 | | | | | | | | | | | | | |
| Prom | -15.4 | -13.9 | -14.8 | -16.9 | -17.4 | -16.7 | -16.8 | -16.9 | -20.0 | -20.2 | -20.0 | -17.1 | -17.6 |
| Var. | 2.0 | 3.5 | 2.6 | 0.5 | 0 | 0.7 | 0.6 | 0.5 | - 2.6 | - 2.8 | - 3.6 | 0.3 | - 0.2 |

## LÍNEAS LARGAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -13.6 | -16.3 | -13.6 | -12.2 | -13.6 | -14.9 | - 8.1 | - 5.4 | -14.9 | -17.6 | - 9.5 | - 9.5 | 0 |
| -16.3 | -12.2 | -10.8 | - | - 8.1 | - 5.4 | - 9.5 | - 6.8 | - 6.8 | - 8.1 | - 5.4 | - 9.2 | 0 |
| -13.6 | -10.8 | -10.8 | -10.8 | -10.8 | - 9.5 | - 6.8 | - 5.4 | - 8.1 | - 9.5 | - 8.1 | - 7.9 | 0 |
| - 9.5 | -10.8 | - 6.8 | - 9.5 | - 5.4 | - 6.8 | - 8.1 | - 8.1 | - 8.1 | - 5.4 | - 6.8 | - 6.1 | 0 |
| - 9.5 | - 6.8 | - 5.4 | - 8.1 | - 6.8 | - 5.4 | - 5.4 | - 4.1 | - 6.8 | - 5.4 | - 6.8 | - 5.6 | 0 |
| - 8.1 | -16.3 | -12.2 | -10.8 | -10.8 | -16.3 | -12.2 | -10.8 | - 9.5 | -39.4 | -13.6 | -10.0 | 1 |
| - | - | - | - | - | - 6.8 | - 6.8 | - 5.4 | - 4.1 | - 2.7 | - 4.1 | - 2.8 | 1 |
| - 6.8 | -10.8 | -10.8 | - 9.5 | - 8.1 | - 5.4 | -13.6 | - 8.1 | - 5.4 | - 6.8 | - 5.4 | - 6.5 | 0 |
| - 5.4 | - 8.1 | - 9.5 | - 9.5 | -12.2 | - 8.1 | - 1.4 | - 1.4 | - 5.4 | - 4.1 | - 3.4 | - 1.9 | 0 |
| 1.7 | - 2.7 | - 2.7 | - 1.4 | - 4.1 | - 2.7 | - 1.4 | - 2.7 | 1.7 | 1.7 | 0 | - 1.1 | 0 |
| -5.4 | - 1.4 | - 8.1 | -13.6 | -14.9 | - 8.1 | -19.0 | -10.8 | - 9.5 | - 2.7 | - 5.4 | - 5.7 | 1 |
| - 8.1 | - 4.5 | - 6.8 | - 5.4 | - 4.1 | - 2.7 | - 5.4 | - 2.7 | - 4.1 | - 2.7 | - 2.7 | - 1.8 | 0 |
| 1.7 | - 6.8 | - 4.1 | - 1.4 | 1.7 | 1.7 | 3.4 | 3.4 | 3.4 | 3.4 | 5.2 | 2.3 | 0 |
| 5.2 | 10.3 | 3.4 | - 4.1 | 3.4 | 5.2 | 5.4 | 3.4 | 12.0 | 3.4 | 5.2 | 4.9 | 0 |
| 3.4 | 1.7 | 1.7 | 3.4 | 5.2 | 3.4 | 3.4 | 5.2 | 5.2 | 6.9 | 6.9 | 5.6 | 0 |
| 12.0 | 8.6 | 8.6 | 15.4 | 10.3 | 15.4 | 13.8 | 13.8 | 13.8 | 15.4 | 10.3 | 12.7 | 0 |
| - | - | - | - | 12.0 | 12.0 | 13.8 | 13.8 | 12.0 | 13.8 | 13.8 | 13.6 | 0 |
| 8.6 | 6.9 | 5.2 | 6.9 | - | - | 17.2 | 15.4 | 18.9 | - | - | 12.1 | 0 |
| 1.7 | 6.9 | 5.2 | 8.6 | 12.0 | 13.8 | 17.2 | 17.2 | 13.8 | 8.6 | 12.0 | 12.4 | 1 |
| 12.0 | 8.6 | 3.4 | 8.6 | 12.0 | 6.9 | 6.9 | 10.3 | 3.4 | 1.7 | - 1.4 | 9.6 | 0 |
| 12.0 | - 2.7 | 1.7 | - 1.4 | 5.2 | 3.4 | 6.9 | 13.8 | 10.3 | 12.0 | 6.9 | 7.8 | 2 |
| 3.4 | - 1.4 | 1.7 | 6.9 | 6.9 | - 5.4 | - 4.1 | - | 8.6 | 12.0 | 6.9 | 5.5 | 1 |
| 5.2 | - 8.1 | - 5.4 | - 1.4 | 3.4 | 1.7 | - 1.4 | 3.4 | 1.7 | 5.2 | 5.2 | 3.8 | 1 |
| - | - | - 2.7 | 1.7 | 3.4 | 3.4 | 1.7 | 6.9 | 6.9 | 6.9 | 6.9 | 5.1 | 0 |
| 13.8 | 13.8 | 12.0 | 13.8 | 17.2 | 15.4 | 10.3 | 13.8 | 15.4 | 6.9 | 12.0 | 10.5 | 0 |
| 3.4 | 3.4 | 1.7 | 1.7 | 6.9 | - 1.4 | 1.7 | 3.4 | 6.9 | 10.3 | 10.3 | 6.3 | 0 |
| 10.3 | 15.4 | 13.8 | 12.0 | 10.3 | 12.0 | 10.3 | 18.9 | 20.6 | 24.0 | 20.6 | 10.7 | 0 |
| 6.9 | 8.6 | - 5.4 | - 8.1 | -10.8 | 1.7 | - 8.1 | - 5.4 | 17.2 | - 1.4 | - 1.4 | 11.6 | 2 |
| 12.0 | 8.6 | 10.3 | 15.4 | 13.8 | 10.3 | 3.4 | 6.9 | 3.4 | 5.2 | 6.9 | 12.9 | 1 |
| 5.2 | 3.4 | 3.4 | 3.4 | 1.7 | 3.4 | - 1.4 | 1.7 | 1.7 | - 4.1 | 3.4 | 9.1 | 0 |
| 0.8 | - 0.8 | - 1.5 | - 0.4 | 0.6 | 0.4 | - 0.3 | 2.6 | 3.1 | 0.9 | 2.2 | 2.7 | |
| - 1.9 | - 3.5 | - 4.2 | - 3.1 | - 2.1 | - 2.3 | - 3.0 | - 0.1 | 0.4 | - 1.8 | - 0.5 | | |

## LÍNEAS CORTAS

| 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | Promedio | Tipo |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -16.0 | -12.0 | -14.6 | -20.0 | -16.0 | -18.6 | -18.6 | -16.0 | -13.3 | -13.3 | -14.6 | -17.7 | 0 |
| -13.3 | -10.6 | -10.6 | -14.6 | -24.0 | -24.0 | -21.3 | -17.3 | -17.3 | -18.6 | -20.0 | -17.5 | 0 |
| -17.3 | -10.6 | -13.3 | -13.3 | -14.6 | -13.3 | -21.3 | -16.0 | -13.3 | -16.0 | -14.6 | -16.9 | 0 |
| -13.3 | -17.3 | -16.0 | -17.3 | -20.0 | -26.6 | -25.3 | -17.3 | -20.0 | -24.0 | -21.3 | -17.6 | 1 |
| -22.6 | -20.0 | -20.0 | -25.3 | -22.6 | -22.6 | -24.0 | -21.3 | -24.0 | -21.3 | -21.3 | -19.8 | 1 |
| -18.6 | -26.6 | -21.3 | -20.0 | -18.6 | -16.0 | -21.3 | -21.3 | -20.0 | -16.0 | -17.3 | -20.0 | 1 |
| -18.6 | -20.0 | -14.6 | -22.6 | -29.3 | -20.0 | -21.3 | -26.6 | -24.0 | -20.0 | -16.0 | -21.1 | 0 |
| -14.6 | -16.0 | -17.3 | -24.0 | -22.6 | -24.0 | -17.3 | -16.0 | -14.6 | -18.6 | -17.3 | -17.6 | 0 |
| -13.3 | -16.0 | -17.3 | -18.6 | -25.3 | -16.0 | -21.3 | -17.3 | -16.0 | -17.3 | -20.0 | -17.1 | 0 |
| -16.0 | -10.6 | -14.6 | -20.0 | -22.6 | -16.0 | -17.3 | -14.6 | -20.0 | -16.0 | -17.3 | -18.5 | 0 |
| -18.6 | -13.3 | -14.6 | -13.3 | -16.0 | -16.0 | -17.3 | -22.6 | -24.0 | -18.6 | -17.3 | -17.2 | 1 |
| -13.3 | -12.0 | -14.6 | -21.3 | -21.3 | -21.3 | -22.6 | -17.3 | -18.6 | -14.6 | -17.3 | -17.0 | 1 |
| -16.0 | -13.3 | -22.6 | -21.3 | -21.3 | -22.6 | -13.3 | -14.6 | -16.0 | -14.6 | -14.6 | -18.2 | 0 |
| -20.0 | -22.6 | -17.3 | -21.3 | -25.3 | -20.0 | -21.3 | -14.6 | -18.6 | -16.0 | -17.3 | -18.7 | 0 |
| -18.6 | -13.3 | -17.3 | -18.6 | -20.0 | -17.3 | -16.0 | -17.3 | -13.3 | -18.6 | -14.6 | -16.2 | 0 |
| -12.0 | - 9.3 | -13.3 | -21.3 | -20.0 | -18.6 | -21.3 | -17.3 | -18.6 | -20.0 | -17.3 | -15.4 | 0 |
| - | - | - | - | -14.6 | -21.3 | -20.0 | -16.0 | -21.3 | -18.6 | -16.0 | -18.5 | 0 |
| -12.0 | -10.6 | - 9.3 | -10.6 | -14.6 | -17.3 | -13.3 | -18.6 | -20.0 | - | - | -15.5 | 0 |
| -13.3 | -16.0 | -14.6 | -25.3 | -24.0 | -18.6 | -13.3 | -13.3 | -17.3 | -18.6 | -20.0 | -18.4 | 0 |
| -18.6 | -14.6 | -16.0 | -21.3 | -20.0 | -14.6 | -12.0 | -10.6 | -18.6 | -13.3 | -13.3 | -16.4 | 0 |
| -20.0 | -16.0 | -16.0 | -22.6 | -26.6 | -26.6 | -18.6 | -14.6 | -17.3 | -20.0 | -16.0 | -18.7 | 0 |
| -16.0 | -16.0 | -16.0 | -22.6 | -21.3 | -18.6 | -17.3 | - | -16.0 | -14.6 | -16.0 | -17.2 | 0 |
| -16.0 | -18.6 | -22.6 | -24.0 | -22.6 | -20.0 | -17.3 | -18.6 | -18.6 | -22.6 | -13.3 | -19.8 | 1 |
| - | - | -21.3 | -26.6 | -20.0 | -18.6 | -17.3 | -18.6 | -16.0 | -20.0 | -20.0 | -16.6 | 0 |
| - 8.0 | - 6.7 | -10.6 | - 5.3 | -25.3 | -17.3 | -18.6 | - 8.0 | -10.6 | - 9.3 | - | -13.8 | 1 |
| -13.3 | -14.6 | -10.6 | -22.6 | -25.3 | -20.0 | -17.3 | -16.0 | -21.3 | -20.0 | -18.6 | -16.6 | 0 |
| - 5.3 | - 6.7 | - 1.3 | - 9.3 | -10.6 | -16.0 | -18.6 | - 9.3 | -14.6 | -16.0 | -13.3 | -11.7 | 1 |
| -16.0 | -17.3 | -13.3 | -18.6 | -25.3 | -24.0 | -26.6 | -12.0 | -12.0 | -14.6 | - 9.3 | -16.8 | 1 |
| - | - | - | - | - | - | - | - | -24.0 | -22.6 | -22.6 | -18.6 | 0 |
| - | -20.0 | -16.0 | -20.0 | -26.6 | -22.6 | -26.6 | -13.3 | -18.6 | -21.3 | -20.0 | -16.9 | 1 |
| -15.4 | -14.8 | -15.2 | -19.3 | -21.2 | -19.6 | -19.2 | -16.3 | -17.9 | -17.7 | -17.0 | -17.4 | |
| 2.0 | 2.6 | 2.2 | - 1.9 | - 3.8 | - 2.2 | - 1.8 | 1.1 | - 0.5 | - 0.3 | 0.4 | | |

## PRESIÓN ATMOSFERICA

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

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 55.6 | 55.4 | 55.4 | 55.2 | 55.0 | 55.0 | 55.0 | 55.2 | 55.3 | 55.2 | 54.7 | 54.1 | 53.2 | 52.3 | 52.0 |
| 2 | 51.8 | 51.7 | 51.7 | 51.6 | 51.4 | 51.7 | 52.0 | 52.6 | 52.7 | 53.0 | 53.1 | 53.2 | 53.2 | 53.8 | 54.8 |
| 3 | 62.4 | 62.5 | 62.4 | 62.4 | 62.5 | 62.8 | 63.5 | 64.7 | 65.1 | 65.2 | 65.0 | 64.5 | 63.9 | 63.6 | 63.7 |
| 4 | 64.7 | 64.6 | 64.7 | 64.5 | 64.4 | 64.3 | 64.6 | 64.8 | 64.9 | 65.1 | 65.0 | 64.9 | 64.8 | 64.1 | 64.1 |
| 5 | 64.8 | 64.6 | 64.6 | 64.7 | 64.4 | 64.6 | 64.7 | 64.4 | 65.2 | 65.1 | 65.1 | 64.3 | 63.7 | 63.0 | 63.0 |
| 6 | 62.9 | 62.8 | 62.4 | 62.2 | 62.2 | 62.7 | 62.8 | 62.8 | 63.0 | 63.2 | 63.1 | 63.1 | 62.5 | 62.2 | 62.2 |
| 7 | 62.9 | 62.9 | 62.9 | 62.6 | 62.1 | 62.0 | 62.1 | 62.2 | 62.1 | 62.1 | 62.0 | 61.2 | 60.9 | 60.2 | 60.1 |
| 8 | 59.1 | 58.8 | 58.7 | 58.2 | 57.9 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.0 | 57.4 | 57.1 | 56.5 | 56.4 |
| 9 | 57.5 | 57.5 | 57.3 | 57.2 | 57.2 | 57.4 | 57.6 | 58.2 | 58.3 | 58.9 | 58.6 | 58.1 | 57.7 | 57.3 | 57.2 |
| 10 | 59.2 | 59.4 | 59.5 | 59.5 | 59.5 | 59.8 | 60.1 | 60.2 | 59.8 | 59.9 | 59.5 | 58.8 | 58.1 | 57.4 | 57.5 |
| 11 | 57.9 | 57.8 | 57.8 | 57.6 | 57.3 | 57.5 | 57.4 | 57.2 | 57.5 | 57.7 | 57.6 | 57.3 | 56.9 | 56.8 | 57.4 |
| 12 | 59.2 | 59.6 | 59.7 | 59.6 | 59.6 | 59.7 | 60.1 | 60.4 | 60.9 | 61.1 | 60.4 | 60.0 | 59.6 | 59.0 | 59.0 |
| 13 | 60.0 | 60.0 | 59.4 | 59.1 | 59.2 | 59.5 | 59.9 | 60.1 | 60.1 | 60.9 | 60.7 | 59.9 | 59.1 | 58.6 | 58.4 |
| 14 | 54.4 | 54.3 | 53.6 | 53.3 | 53.3 | 53.4 | 53.4 | 53.6 | 53.6 | 53.7 | 53.5 | 52.7 | 51.7 | 51.6 | 52.0 |
| 15 | 53.4 | 52.8 | 52.5 | 51.9 | 51.6 | 51.5 | 51.2 | 51.0 | 51.3 | 52.1 | 52.7 | 52.4 | 51.4 | 49.3 | 49.3 |
| 16 | 57.6 | 57.8 | 58.7 | 59.6 | 60.5 | 60.8 | 61.8 | 62.8 | 63.2 | 63.5 | 63.2 | 62.3 | 62.1 | 62.0 | 62.1 |
| 17 | 65.1 | 65.6 | 65.7 | 65.7 | 65.7 | 65.8 | 66.6 | 66.6 | 67.4 | 67.7 | 67.7 | 67.3 | 66.8 | 66.8 | 66.8 |
| 18 | 68.6 | 68.6 | 69.0 | 68.6 | 68.5 | 69.1 | 69.4 | 70.0 | 70.0 | 69.7 | 70.0 | 70.2 | 70.2 | 70.4 | 70.4 |
| 19 | 71.7 | 71.9 | 72.0 | 71.5 | 71.5 | 72.0 | 72.2 | 72.3 | 72.1 | 72.2 | 71.9 | 71.9 | 71.5 | 71.3 | 71.1 |
| 20 | 71.1 | 70.5 | 70.1 | 70.5 | 70.5 | 70.6 | 70.7 | 70.0 | 69.3 | 69.3 | 68.8 | 68.4 | 67.5 | 67.2 | 66.9 |
| 21 | 65.9 | 66.0 | 65.6 | 65.5 | 65.6 | 65.8 | 65.9 | 66.0 | 66.4 | 66.1 | 65.8 | 65.0 | 64.5 | 63.6 | 63.2 |
| 22 | 62.8 | 62.8 | 62.7 | 62.7 | 62.8 | 63.2 | 63.6 | 63.4 | 63.5 | 63.6 | 63.0 | 62.4 | 61.6 | 60.8 | 60.5 |
| 23 | 61.3 | 61.1 | 61.0 | 60.9 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.5 | 60.0 | 59.2 | 58.2 | 57.6 | 56.9 |
| 24 | 57.1 | 57.4 | 57.7 | 57.6 | 57.7 | 58.2 | 59.2 | 59.8 | 60.5 | 60.6 | 60.5 | 60.5 | 60.1 | 59.6 | 59.6 |
| 25 | 60.7 | 60.6 | 60.4 | 60.3 | 59.8 | 60.1 | 60.6 | 60.9 | 61.2 | 61.2 | 61.3 | 61.5 | 61.1 | 60.6 | 60.5 |
| 26 | 63.4 | 63.4 | 63.5 | 63.6 | 63.5 | 63.7 | 63.9 | 64.0 | 64.1 | 64.3 | 64.1 | 63.7 | 62.7 | 62.6 | 62.7 |
| 27 | 61.3 | 61.2 | 60.9 | 60.6 | 60.2 | 60.0 | 60.0 | 60.0 | 59.6 | 59.2 | 58.8 | 58.2 | 56.6 | 57.7 | 57.0 |
| 28 | 59.8 | 59.7 | 59.7 | 59.6 | 59.5 | 60.0 | 60.8 | 62.2 | 62.6 | 62.6 | 62.5 | 62.1 | 61.6 | 61.2 | 61.2 |
| 29 | 62.6 | 62.0 | 61.2 | 60.9 | 60.8 | 61.9 | 61.8 | 62.2 | 62.2 | 63.2 | 62.6 | 61.6 | 60.6 | 59.8 | 59.3 |
| 30 | 58.0 | 57.3 | 56.3 | 55.8 | 55.2 | 55.2 | 55.1 | 54.8 | 55.1 | 54.9 | 54.5 | 53.7 | 52.9 | 52.2 | 52.0 |
| 31 | | | | | | | | | | | | | | | |
| Prom | 61.1 | 61.3 | 60.9 | 60.8 | 60.7 | 60.9 | 61.2 | 61.4 | 61.5 | 61.7 | 61.5 | 61.0 | 60.1 | 60.0 | 59.9 |

## 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 | 16.3 | 16.0 | 16.0 | 15.2 | 14.9 | 14.9 | 14.9 | 15.0 | 16.7 | 19.3 | 21.0 | 22.5 | 23.5 | 24.4 | 24.5 |
| 2 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.4 | 17.1 | 17.0 | 17.1 | 17.0 | 17.6 | 18.5 | 18.6 | 17.2 | 14.8 |
| 3 | 9.5 | 9.4 | 8.7 | 8.4 | 7.8 | 7.5 | 7.5 | 8.2 | 11.3 | 13.1 | 13.5 | 14.7 | 15.3 | 15.2 | 14.5 |
| 4 | 9.4 | 9.5 | 9.6 | 9.5 | 8.7 | 8.7 | 8.7 | 8.7 | 9.5 | 10.7 | 11.7 | 12.9 | 14.0 | 14.3 | 14.5 |
| 5 | 4.3 | 4.2 | 3.8 | 3.9 | 3.9 | 4.0 | 4.2 | 4.2 | 6.0 | 10.2 | 11.9 | 13.4 | 15.0 | 15.4 | 14.5 |
| 6 | 11.1 | 11.1 | 11.2 | 11.2 | 10.8 | 10.7 | 10.9 | 11.3 | 11.8 | 12.9 | 13.8 | 13.9 | 14.1 | 14.7 | 14.8 |
| 7 | 11.6 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.2 | 11.6 | 12.3 | 13.7 | 14.8 | 15.6 | 15.8 | 16.0 | 15.8 |
| 8 | 14.1 | 14.1 | 14.1 | 14.1 | 13.6 | 13.5 | 13.5 | 13.5 | 13.6 | 14.2 | 15.3 | 15.6 | 15.7 | 16.3 | 16.4 |
| 9 | 13.2 | 12.6 | 12.6 | 11.8 | 10.4 | 10.8 | 11.2 | 11.0 | 10.8 | 10.8 | 11.8 | 14.1 | 16.5 | 16.6 | 17.5 |
| 10 | 7.7 | 6.1 | 4.8 | 3.9 | 3.6 | 2.7 | 2.2 | 3.2 | 6.2 | 9.7 | 13.6 | 16.4 | 17.2 | 18.5 | 18.6 |
| 11 | 6.6 | 5.8 | 4.9 | 6.0 | 7.0 | 7.9 | 8.1 | 10.0 | 13.0 | 14.8 | 15.7 | 16.2 | 16.0 | 15.2 | 15.1 |
| 12 | 4.5 | 4.5 | 5.1 | 4.1 | 4.0 | 3.4 | 2.5 | 2.5 | 9.0 | 13.1 | 15.6 | 16.8 | 17.3 | 17.5 | 17.0 |
| 13 | 2.9 | 3.4 | 3.0 | 2.7 | 3.1 | 3.2 | 3.8 | 5.0 | 9.0 | 11.6 | 15.0 | 16.8 | 17.6 | 17.6 | 17.8 |
| 14 | 7.8 | 7.5 | 7.3 | 7.3 | 7.3 | 7.8 | 8.2 | 8.5 | 9.4 | 10.3 | 11.5 | 11.6 | 12.5 | 13.9 | 14.5 |
| 15 | 7.7 | 7.6 | 6.6 | 6.7 | 6.7 | 6.9 | 7.1 | 8.2 | 9.2 | 10.2 | 11.1 | 11.6 | 11.7 | 12.6 | 13.6 |
| 16 | 5.9 | 5.1 | 4.9 | 4.6 | 4.1 | 3.6 | 3.0 | 2.7 | 2.8 | 3.2 | 4.1 | 5.6 | 7.6 | 8.0 | 7.0 |
| 17 | - 2.7 | - 2.3 | - 2.1 | - 2.7 | - 3.8 | - 4.4 | - 4.5 | - 3.0 | 1.2 | 2.3 | 4.2 | 5.9 | 8.3 | 10.3 | 10.7 |
| 18 | 3.0 | 3.3 | 3.7 | 4.5 | 3.9 | 4.1 | 4.9 | 4.9 | 5.9 | 7.5 | 9.9 | 11.9 | 12.9 | 13.7 | 13.7 |
| 19 | - 0.7 | - 1.1 | - 1.2 | - 1.4 | - 1.3 | - 0.3 | 0.8 | 4.1 | 7.9 | 10.7 | 12.9 | 14.2 | 14.6 | 15.2 | 15.2 |
| 20 | 6.7 | 6.2 | 5.8 | 5.8 | 5.5 | 5.4 | 5.0 | 5.7 | 6.9 | 9.5 | 12.0 | 13.5 | 14.4 | 15.2 | 15.2 |
| 21 | 8.5 | 8.0 | 6.8 | 6.7 | 7.1 | 6.8 | 6.0 | 7.6 | 8.9 | 12.4 | 15.9 | 17.4 | 17.9 | 19.2 | 19.5 |
| 22 | 13.6 | 13.1 | 13.6 | 13.9 | 13.7 | 13.1 | 13.0 | 12.3 | 14.4 | 17.3 | 19.2 | 20.8 | 22.7 | 23.3 | 22.8 |
| 23 | 14.7 | 14.2 | 13.8 | 13.2 | 12.4 | 12.1 | 12.2 | 13.2 | 14.8 | 17.1 | 18.7 | 20.1 | 21.3 | 21.8 | 22.3 |
| 24 | 19.4 | 19.1 | 18.2 | 18.4 | 18.0 | 16.6 | 15.2 | 13.9 | 14.8 | 15.9 | 16.9 | 18.7 | 20.2 | 20.7 | 20.8 |
| 25 | 15.6 | 15.2 | 15.0 | 14.5 | 14.6 | 14.7 | 12.2 | 12.0 | 11.0 | 11.0 | 11.0 | 10.5 | 10.1 | 10.0 | 10.1 |
| 26 | 11.0 | 10.6 | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 | 11.2 | 12.4 | 12.7 | 13.1 | 13.5 | 13.6 |
| 27 | 12.3 | 12.2 | 12.0 | 12.0 | 12.0 | 12.0 | 12.5 | 13.2 | 13.2 | 13.9 | 14.2 | 14.6 | 15.1 | 15.1 | 15.0 |
| 28 | 11.2 | 11.1 | 10.9 | 10.0 | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.8 | 11.2 | 11.2 | 11.1 |
| 29 | 10.3 | 10.4 | 10.5 | 10.7 | 10.9 | 10.9 | 11.0 | 11.0 | 11.1 | 11.3 | 11.3 | 11.3 | 11.5 | 12.2 | 12.5 |
| 30 | 13.0 | 13.1 | 13.5 | 13.6 | 13.8 | 13.8 | 14.3 | 15.5 | 15.6 | 16.9 | 16.9 | 21.1 | 21.3 | 21.5 | 21.7 |
| 31 | | | | | | | | | | | | | | | |
| Prom | 9.5 | 9.3 | 9.1 | 8.9 | 8.7 | 8.7 | 8.6 | 9.0 | 10.5 | 12.1 | 13.6 | 14.7 | 15.4 | 15.9 | 15.8 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Promedio | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51.9 | 51.5 | 51.6 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 | 51.8 | 56.1 | 0 | 51.5 | 17,19 | 4.6 | 753.5 mm. | 1004.6 mb. |
| 55.9 | 56.7 | 57.7 | 58.5 | 59.2 | 59.2 | 59.5 | 60.4 | 61.6 | 61.6 | 24 | 51.4 | 5 | 10.2 | 54.9 | 1006.5 |
| 64.4 | 64.6 | 64.6 | 64.6 | 64.8 | 64.7 | 65.2 | 65.4 | 64.8 | 65.4 | 23 | 61.6 | 0 | 3.8 | 64.0 | 1018.6 |
| 64.0 | 64.1 | 64.3 | 64.5 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 65.1 | 10 | 64.0 | 16 | 1.1 | 64.6 | 1019.4 |
| 63.1 | 63.1 | 63.1 | 63.0 | 63.0 | 63.0 | 63.0 | 62.9 | 63.0 | 65.2 | 9 | 62.9 | 23 | 2.3 | 63.9 | 1018.5 |
| 62.2 | 62.2 | 62.7 | 62.8 | 62.7 | 62.8 | 63.0 | 63.0 | 62.9 | 63.2 | 10 | 62.2 | varios | 1.0 | 62.7 | 1016.9 |
| 60.0 | 59.9 | 59.9 | 59.9 | 60.0 | 59.8 | 59.8 | 59.4 | 59.2 | 62.9 | varios | 59.2 | 24 | 3.7 | 61.1 | 1014.8 |
| 56.3 | 56.3 | 56.6 | 56.9 | 57.0 | 57.1 | 57.3 | 57.3 | 57.4 | 59.2 | 0 | 56.3 | 16,17 | 2.9 | 57.6 | 1010.1 |
| 57.3 | 57.9 | 58.0 | 58.3 | 58.6 | 59.0 | 59.0 | 59.2 | 59.3 | 59.3 | 24 | 57.2 | varios | 2.1 | 58.0 | 1010.6 |
| 57.5 | 57.6 | 57.8 | 58.1 | 58.2 | 58.0 | 57.9 | 58.0 | 58.1 | 60.2 | 8 | 57.4 | 14 | 2.8 | 58.7 | 1011.6 |
| 57.5 | 57.7 | 57.9 | 58.6 | 58.8 | 58.7 | 58.9 | 59.0 | 59.1 | 59.1 | 24 | 56.8 | 14 | 2.3 | 57.8 | 1010.4 |
| 59.0 | 59.1 | 59.9 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.1 | 61.1 | 10 | 59.0 | varios | 2.1 | 59.9 | 1013.2 |
| 58.0 | 58.0 | 58.0 | 57.8 | 57.6 | 57.1 | 56.3 | 55.9 | 55.2 | 60.9 | 10 | 55.2 | 24 | 5.7 | 58.7 | 1011.6 |
| 52.4 | 52.6 | 52.9 | 53.7 | 53.9 | 53.9 | 54.1 | 54.1 | 53.9 | 55.2 | 0 | 51.6 | 14 | 3.6 | 53.3 | 1004.4 |
| 49.5 | 50.5 | 50.9 | 51.6 | 52.6 | 53.0 | 53.6 | 55.3 | 55.9 | 55.9 | 24 | 49.3 | 14,15 | 6.6 | 52.0 | 1002.6 |
| 62.4 | 63.0 | 63.4 | 64.2 | 64.4 | 64.9 | 65.1 | 65.0 | 65.5 | 65.5 | 24 | 55.9 | 0 | 9.6 | 62.3 | 1016.4 |
| 66.8 | 66.8 | 67.3 | 67.6 | 67.8 | 67.8 | 67.7 | 67.7 | 67.6 | 67.8 | 20,21 | 65.1 | 1 | 2.7 | 66.8 | 1022.4 |
| 70.7 | 70.7 | 71.0 | 71.0 | 71.3 | 71.8 | 71.7 | 71.7 | 71.7 | 71.8 | 21 | 67.6 | 0 | 4.2 | 70.2 | 1026.9 |
| 71.4 | 71.5 | 71.2 | 71.7 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 72.3 | 8 | 71.0 | 20,21 | 1.3 | 71.6 | 1028.8 |
| 66.7 | 66.4 | 66.2 | 66.0 | 66.4 | 66.6 | 66.8 | 67.1 | 67.2 | 71.2 | 0 | 66.0 | 19 | 5.2 | 68.4 | 1024.5 |
| 63.0 | 62.8 | 62.8 | 63.3 | 63.4 | 63.2 | 63.5 | 63.3 | 63.0 | 67.2 | 0 | 62.8 | 17,18 | 4.4 | 64.6 | 1019.4 |
| 60.5 | 60.5 | 60.7 | 61.0 | 61.2 | 61.3 | 61.4 | 61.5 | 61.5 | 63.6 | 7,10 | 60.5 | varios | 3.1 | 62.0 | 1016.0 |
| 56.5 | 56.5 | 56.5 | 56.4 | 56.5 | 56.7 | 57.3 | 57.3 | 57.2 | 61.5 | 0 | 56.4 | 19 | 5.1 | 58.8 | 1011.7 |
| 60.0 | 60.2 | 60.4 | 60.6 | 60.7 | 60.8 | 61.1 | 61.3 | 60.8 | 61.3 | 23 | 57.1 | 1 | 4.2 | 59.7 | 1012.9 |
| 62.2 | 62.2 | 61.8 | 62.4 | 62.4 | 61.8 | 62.8 | 62.9 | 63.0 | 63.0 | 24 | 59.8 | 5 | 3.2 | 61.4 | 1015.2 |
| 62.8 | 62.7 | 62.9 | 62.8 | 62.2 | 62.7 | 62.5 | 62.3 | 61.8 | 64.3 | 10 | 61.8 | 24 | 2.5 | 63.2 | 1017.6 |
| 56.2 | 57.6 | 57.7 | 58.0 | 58.4 | 58.5 | 59.2 | 59.3 | 59.5 | 61.8 | 0 | 56.1 | 15-16 | 5.7 | 59.0 | 1012.0 |
| 61.4 | 61.3 | 61.7 | 62.1 | 62.6 | 63.0 | 63.3 | 63.4 | 63.4 | 63.4 | 23,24 | 59.5 | 0,5 | 3.9 | 61.6 | 1015.4 |
| 59.2 | 59.4 | 59.8 | 60.0 | 59.6 | 59.5 | 59.3 | 59.1 | 58.4 | 63.4 | 0 | 58.4 | 24 | 5.0 | 60.7 | 1014.2 |
| 51.9 | 51.9 | 52.0 | 52.6 | 52.2 | 52.6 | 52.4 | 52.8 | 52.9 | 58.4 | 0 | 51.9 | 16,17 | 6.5 | 53.9 | 1005.2 |
| 60.0 | 60.2 | 60.4 | 60.6 | 60.8 | 60.8 | 61.0 | 61.1 | 61.1 | 62.9 | | 58.9 | | 4.0 | 60.8 | 1014.4 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.5 | 21.6 | 20.4 | 20.3 | 19.8 | 19.6 | 19.3 | 18.5 | 17.5 | 24.8 | 14-15 | 14.9 | varios | 9.9 | 19.0 |
| 14.9 | 14.6 | 14.2 | 13.6 | 13.5 | 13.4 | 13.4 | 11.6 | 10.5 | 18.6 | 13 | 10.5 | 24 | 8.1 | 15.8 |
| 14.4 | 13.6 | 11.2 | 10.9 | 11.2 | 11.1 | 11.1 | 10.5 | 9.7 | 15.4 | 13-14 | 7.5 | 6,7 | 7.9 | 11.2 |
| 14.1 | 12.7 | 10.2 | 8.4 | 6.9 | 6.1 | 5.4 | 4.8 | 4.5 | 14.5 | 15 | 4.5 | 24 | 10.0 | 9.7 |
| 13.3 | 12.5 | 11.6 | 11.3 | 11.2 | 11.0 | 11.1 | 11.1 | 11.1 | 15.4 | 14 | 3.8 | 3 | 11.6 | 9.3 |
| 14.4 | 13.9 | 13.3 | 12.6 | 11.9 | 11.7 | 10.8 | 10.7 | 10.8 | 14.8 | 15 | 10.7 | 6,23 | 4.1 | 12.3 |
| 15.3 | 14.6 | 14.3 | 14.1 | 14.0 | 14.1 | 14.1 | 14.1 | 14.1 | 16.0 | 14 | 10.8 | 0 | 5.2 | 13.6 |
| 16.4 | 15.6 | 15.0 | 14.6 | 14.3 | 13.9 | 13.6 | 13.5 | 13.5 | 16.4 | 15,16 | 13.5 | varios | 2.9 | 14.5 |
| 17.4 | 15.6 | 13.3 | 12.0 | 10.8 | 9.8 | 9.3 | 9.0 | 8.6 | 17.5 | 15 | 8.6 | 24 | 8.9 | 12.4 |
| 18.8 | 14.5 | 11.1 | 10.7 | 9.9 | 8.4 | 7.4 | 6.0 | 6.0 | 19.2 | 15-16 | 2.2 | 7 | 17.0 | 9.5 |
| 14.3 | 13.4 | 12.6 | 12.2 | 12.2 | 11.2 | 9.8 | 7.7 | 5.8 | 16.5 | 11-12 | 4.8 | 2-3 | 11.7 | 10.9 |
| 15.9 | 13.4 | 9.4 | 6.5 | 4.7 | 3.7 | 2.9 | 3.6 | 3.3 | 17.5 | 14 | 1.9 | 7-8 | 15.6 | 8.4 |
| 17.5 | 15.3 | 10.9 | 8.5 | 7.4 | 8.0 | 8.1 | 8.2 | 8.0 | 17.8 | 15 | 2.7 | 4 | 15.1 | 9.4 |
| 13.8 | 12.1 | 11.2 | 10.5 | 9.5 | 9.2 | 8.6 | 8.6 | 8.1 | 14.5 | 15 | 7.3 | varios | 7.2 | 9.9 |
| 14.0 | 12.3 | 11.5 | 11.1 | 11.0 | 11.1 | 11.0 | 9.5 | 7.0 | 14.2 | 15-16 | 6.6 | 3 | 7.6 | 9.8 |
| 5.1 | 3.7 | 0.5 | 0.0 | - 0.3 | 0.0 | - 0.8 | - 1.9 | - 2.1 | 8.0 | 14 | - 2.1 | 24 | 10.1 | 3.2 |
| 10.7 | 8.2 | 5.0 | 2.8 | 2.7 | 2.8 | 2.7 | 2.1 | 1.7 | 10.8 | 15-16 | - 4.5 | 7 | 15.3 | 2.3 |
| 13.5 | 10.8 | 6.9 | 4.3 | 2.7 | 1.6 | 0.9 | 0.2 | 0.0 | 13.7 | 14,15 | 0.0 | 24 | 13.7 | 6.2 |
| 14.8 | 12.2 | 10.2 | 9.1 | 9.0 | 9.2 | 9.3 | 8.4 | 6.9 | 15.4 | 15-16 | - 1.4 | 4 | 16.8 | 7.4 |
| 14.7 | 13.1 | 11.1 | 9.4 | 8.9 | 9.8 | 9.7 | 9.1 | 9.2 | 15.2 | 14,15 | 5.0 | 7 | 10.2 | 9.5 |
| 19.3 | 17.3 | 15.6 | 15.3 | 14.6 | 13.9 | 13.8 | 13.8 | 13.9 | 19.7 | 15-16 | 6.0 | 7 | 13.7 | 12.8 |
| 22.1 | 20.1 | 19.0 | 18.0 | 17.0 | 16.1 | 15.7 | 15.6 | 15.1 | 23.4 | 14-15 | 12.3 | 8 | 11.1 | 16.9 |
| 22.5 | 20.6 | 19.5 | 19.8 | 19.9 | 19.9 | 19.9 | 20.0 | 19.9 | 22.5 | 16 | 12.1 | 6 | 10.4 | 17.7 |
| 20.8 | 19.1 | 16.7 | 15.2 | 14.3 | 14.3 | 14.3 | 15.1 | 15.4 | 20.8 | 15,16 | 13.9 | 8 | 6.9 | 17.2 |
| 10.3 | 10.4 | 10.4 | 10.6 | 10.8 | 11.3 | 11.4 | 11.4 | 11.2 | 15.6 | 1 | 10.0 | 14 | 5.6 | 11.9 |
| 13.6 | 12.6 | 11.8 | 11.3 | 11.7 | 12.7 | 12.8 | 12.8 | 12.5 | 13.7 | 15-16 | 10.3 | varios | 3.4 | 11.8 |
| 15.1 | 15.1 | 14.7 | 13.5 | 12.7 | 12.5 | 11.8 | 11.8 | 11.8 | 15.1 | varios | 11.8 | varios | 3.3 | 13.3 |
| 10.9 | 10.6 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.5 | 10.5 | 11.8 | 0 | 10.0 | 4 | 1.8 | 10.6 |
| 12.4 | 12.4 | 12.0 | 12.0 | 12.2 | 12.2 | 12.2 | 12.3 | 12.7 | 12.7 | 24 | 10.3 | 1 | 2.4 | 11.6 |
| 21.6 | 20.6 | 19.7 | 18.1 | 17.3 | 17.3 | 17.6 | 17.7 | 17.7 | 21.7 | 15 | 12.7 | 0 | 9.0 | 17.3 |
| 15.5 | 14.1 | 12.5 | 11.6 | 11.1 | 10.9 | 10.6 | 10.2 | 9.8 | 16.4 | | 7.2 | | 9.2 | 11.5 |

## HUMEDAD RELATIVA en %

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

## TENSIÓN DEL VAPOR

en mm. de Hg.

| DÍAS | 1h | 2h | 3h | 4h | 5h | 6h | 7h | 8h | 9h | 10h | 11h | 12h | 13h | 14h | 15h |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.5 | 11.0 | 11.0 | 11.0 | 10.5 | 10.5 | 10.5 | 11.3 | 11.5 | 11.5 | 12.0 | 12.5 | 12.0 | 13.0 | 13.0 |
| 2 | 12.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.5 | 12.9 | 12.5 | 12.0 | 12.5 | 13.5 | 13.5 | 14.3 | 11.0 |
| 3 | 7.6 | 7.6 | 7.2 | 7.4 | 7.2 | 6.6 | 6.2 | 6.8 | 6.0 | 6.4 | 6.4 | 6.4 | 6.0 | 6.8 | 7.0 |
| 4 | 7.8 | 8.0 | 8.0 | 8.0 | 7.8 | 7.8 | 7.8 | 8.0 | 7.6 | 8.0 | 7.8 | 7.8 | 8.0 | 8.2 | 7.6 |
| 5 | 6.0 | 5.8 | 5.6 | 5.8 | 5.8 | 5.8 | 5.8 | 6.2 | 6.6 | 8.5 | 9.5 | 10.5 | 10.0 | 10.0 | 9.5 |
| 6 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 9.0 | 9.5 | 8.0 | 8.0 | 7.8 | 8.2 | 8.0 |
| 7 | 9.0 | 8.0 | 8.5 | 8.0 | 8.0 | 8.0 | 8.0 | 8.7 | 8.5 | 8.5 | 9.5 | 10.0 | 10.0 | 11.0 | 10.5 |
| 8 | 11.5 | 11.5 | 11.5 | 11.5 | 11.0 | 11.0 | 11.0 | 11.5 | 11.0 | 10.5 | 10.5 | 10.5 | 10.5 | 11.7 | 10.5 |
| 9 | 10.5 | 10.0 | 10.0 | 9.5 | 8.5 | 9.0 | 9.0 | 9.8 | 9.0 | 9.0 | 9.5 | 10.0 | 12.0 | 10.9 | 10.5 |
| 10 | 7.4 | 6.8 | 6.2 | 5.8 | 5.6 | 5.2 | 5.0 | 5.8 | 6.8 | 7.2 | 7.8 | 7.8 | 7.6 | 7.7 | 6.6 |
| 11 | 6.6 | 6.6 | 6.2 | 6.6 | 7.2 | 7.6 | 7.8 | 8.7 | 8.0 | 8.5 | 8.0 | 7.0 | 7.0 | 7.2 | 7.8 |
| 12 | 6.0 | 6.0 | 6.2 | 5.8 | 5.8 | 5.6 | 5.2 | 5.5 | 8.0 | 7.4 | 6.8 | 5.2 | 4.6 | 4.5 | 3.8 |
| 13 | 5.4 | 5.6 | 5.4 | 5.2 | 5.4 | 5.2 | 5.6 | 5.7 | 7.0 | 7.8 | 7.2 | 6.0 | 4.8 | 4.6 | 4.0 |
| 14 | 4.8 | 5.0 | 5.4 | 5.8 | 6.6 | 6.8 | 7.0 | 6.7 | 6.6 | 7.0 | 7.2 | 7.2 | 7.6 | 8.4 | 8.5 |
| 15 | 7.4 | 7.4 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 | 7.9 | 7.8 | 7.8 | 8.0 | 8.5 | 8.5 | 9.1 | 8.5 |
| 16 | 6.0 | 6.0 | 5.8 | 5.8 | 5.6 | 5.4 | 5.0 | 5.0 | 4.8 | 4.6 | 4.6 | 4.8 | 4.4 | 4.7 | 4.2 |
| 17 | 3.6 | 3.6 | 3.6 | 3.6 | 3.4 | 3.2 | 3.2 | 3.7 | 4.2 | 3.8 | 3.4 | 3.8 | 3.4 | 4.1 | 4.0 |
| 18 | 4.6 | 4.6 | 4.8 | 5.4 | 5.4 | 5.2 | 5.6 | 5.7 | 5.6 | 5.4 | 5.6 | 4.8 | 4.6 | 4.7 | 4.2 |
| 19 | 4.2 | 4.2 | 4.0 | 4.0 | 4.0 | 4.2 | 4.6 | 5.7 | 5.6 | 5.8 | 5.6 | 5.0 | 5.2 | 5.6 | 5.4 |
| 20 | 5.6 | 5.4 | 5.6 | 5.6 | 5.4 | 5.4 | 5.6 | 5.8 | 5.6 | 5.8 | 5.8 | 6.0 | 5.6 | 6.0 | 6.0 |
| 21 | 6.6 | 6.4 | 6.4 | 6.2 | 6.8 | 7.0 | 6.6 | 6.9 | 6.6 | 7.6 | 8.0 | 9.0 | 8.5 | 9.6 | 9.5 |
| 22 | 9.0 | 9.0 | 8.5 | 8.5 | 8.5 | 8.5 | 9.0 | 9.1 | 9.0 | 10.0 | 11.0 | 11.0 | 12.5 | 13.2 | 12.5 |
| 23 | 10.0 | 9.5 | 9.5 | 9.5 | 9.0 | 9.5 | 9.5 | 10.0 | 10.0 | 10.0 | 10.5 | 10.5 | 10.5 | 11.5 | 11.0 |
| 24 | 11.0 | 11.5 | 11.0 | 11.0 | 11.5 | 11.0 | 11.5 | 11.0 | 10.5 | 10.0 | 10.0 | 9.0 | 8.0 | 8.5 | 8.5 |
| 25 | 8.5 | 9.0 | 9.0 | 8.0 | 7.6 | 7.6 | 8.5 | 8.2 | 8.0 | 8.0 | 7.8 | 9.0 | 8.5 | 9.2 | 8.5 |
| 26 | 9.0 | 9.0 | 9.0 | 9.0 | 8.5 | 8.5 | 8.5 | 8.9 | 8.0 | 8.0 | 8.5 | 8.5 | 8.5 | 8.9 | 8.5 |
| 27 | 10.0 | 9.5 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 11.2 | 10.5 | 11.0 | 11.5 | 11.5 | 12.0 | 12.5 | 12.0 |
| 28 | 9.0 | 9.0 | 9.0 | 8.5 | 8.5 | 8.5 | 8.5 | 9.4 | 8.5 | 8.5 | 8.5 | 8.5 | 9.0 | 9.4 | 9.0 |
| 29 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.3 | 9.0 | 9.5 | 9.5 | 9.5 | 9.0 | 9.6 | 9.0 |
| 30 | 10.5 | 10.5 | 11.0 | 11.0 | 11.0 | 11.0 | 11.5 | 13.1 | 12.5 | 13.5 | 14.5 | 15.0 | 14.0 | 15.0 | 14.5 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 7.9 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.8 | 8.3 | 8.1 | 8.4 | 8.5 | 8.6 | 8.5 | 8.9 | 8.5 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 66 | 75 | 67 | 68 | 69 | 74 | 75 | 80 | 90 | 7 | 57 | 14 | 33 | 74 |
| 74 | 69 | 65 | 68 | 67 | 68 | 67 | 74 | 79 | 98 | 14 | 65 | 18 | 33 | 81 |
| 52 | 53 | 74 | 66 | 63 | 64 | 63 | 78 | 89 | 93 | 5 | 46 | 13-14 | 47 | 71 |
| 65 | 73 | 83 | 93 | 94 | 98 | 98 | 99 | 99 | 99 | 23,24 | 62 | 15 | 37 | 87 |
| 91 | 93 | 96 | 96 | 97 | 97 | 97 | 97 | 96 | 100 | varios | 76 | 14 | 24 | 96 |
| 67 | 70 | 79 | 88 | 93 | 94 | 96 | 98 | 99 | 100 | varios | 64 | 14-15 | 36 | 88 |
| 87 | 91 | 91 | 94 | 95 | 96 | 96 | 96 | 98 | 99 | 0 | 76 | 10-11 | 23 | 87 |
| 82 | 89 | 91 | 91 | 95 | 96 | 96 | 95 | 95 | 100 | varios | 78 | 15 | 22 | 93 |
| 73 | 85 | 92 | 98 | 97 | 98 | 100 | 100 | 100 | 100 | varios | 73 | 15,16 | 27 | 94 |
| 49 | 73 | 81 | 81 | 89 | 91 | 96 | 97 | 98 | 100 | varios | 41 | 15 | 59 | 84 |
| 72 | 71 | 78 | 82 | 85 | 90 | 92 | 97 | 97 | 100 | 3 | 51 | 13 | 49 | 82 |
| 30 | 47 | 69 | 83 | 84 | 93 | 93 | 89 | 94 | 100 | 7,8 | 29 | 14 | 71 | 76 |
| 29 | 41 | 61 | 76 | 63 | 66 | 69 | 65 | 66 | 100 | 4 | 28 | 15 | 72 | 69 |
| 78 | 86 | 88 | 91 | 95 | 96 | 96 | 96 | 96 | 96 | varios | 65 | 1 | 31 | 82 |
| 76 | 91 | 95 | 96 | 96 | 93 | 90 | 90 | 90 | 98 | varios | 76 | 15,16 | 22 | 92 |
| 60 | 75 | 84 | 95 | 96 | 84 | 94 | 98 | 96 | 98 | 23 | 56 | 14-15 | 42 | 84 |
| 48 | 66 | 82 | 87 | 83 | 82 | 82 | 85 | 88 | 100 | varios | 43 | varios | 57 | 79 |
| 41 | 57 | 75 | 88 | 93 | 98 | 97 | 99 | 100 | 100 | 24 | 40 | 14,15 | 60 | 76 |
| 50 | 56 | 59 | 61 | 58 | 59 | 60 | 66 | 76 | 100 | varios | 42 | 13 | 58 | 71 |
| 50 | 58 | 66 | 86 | 92 | 74 | 77 | 81 | 79 | 92 | 20 | 47 | 14,15 | 45 | 72 |
| 58 | 66 | 75 | 77 | 80 | 82 | 85 | 85 | 85 | 97 | 6,7 | 57 | 15 | 40 | 78 |
| 65 | 66 | 69 | 71 | 70 | 74 | 79 | 82 | 83 | 86 | 8 | 61 | 14-15 | 25 | 75 |
| 59 | 64 | 67 | 65 | 64 | 63 | 65 | 65 | 65 | 93 | 6 | 57 | 15 | 36 | 73 |
| 46 | 51 | 60 | 69 | 78 | 76 | 79 | 71 | 66 | 93 | 8 | 44 | 15-16 | 49 | 69 |
| 99 | 98 | 98 | 98 | 97 | 97 | 96 | 96 | 95 | 100 | 14,15 | 63 | 0-1 | 37 | 88 |
| 81 | 86 | 91 | 96 | 95 | 93 | 89 | 91 | 96 | 100 | varios | 78 | 14 | 22 | 91 |
| 99 | 99 | 100 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | varios | 95 | 2 | 5 | 99 |
| 97 | 100 | 98 | 100 | 100 | 100 | 99 | 96 | 98 | 100 | varios | 95 | 11,12 | 5 | 98 |
| 87 | 90 | 94 | 96 | 96 | 96 | 96 | 97 | 98 | 100 | 11,12 | 87 | 16 | 13 | 95 |
| 79 | 86 | 91 | 94 | 98 | 98 | 98 | 98 | 97 | 100 | varios | 78 | varios | 22 | 93 |
| 67 | 74 | 81 | 85 | 86 | 86 | 87 | 89 | 90 | 98 | | 61 | | 37 | 83 |

| 16h | 17h | 18h | 19h | 20h | 21h | 22h | 23h | 24h | Máx. | Hora | Mín. | Hora | Ampl. | Prom. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.0 | 12.5 | 12.5 | 11.5 | 11.8 | 11.0 | 11.5 | 11.0 | 11.0 | 13.0 | varios | 10.5 | varios | 2.5 | 11.6 |
| 8.5 | 8.0 | 7.4 | 7.8 | 7.7 | 7.6 | 7.6 | 7.2 | 7.2 | 14.3 | 14 | 7.2 | 23,24 | 7.1 | 10.6 |
| 6.2 | 6.0 | 7.0 | 6.4 | 6.3 | 6.0 | 6.0 | 7.2 | 7.8 | 7.8 | 24 | 6.0 | varios | 1,8 | 6.7 |
| 7.4 | 7,8 | 7,6 | 7.4 | 7.0 | 6.8 | 6.4 | 6.2 | 6.0 | 8.2 | 14 | 6.0 | 24 | 2.2 | 7.5 |
| 10.0 | 9.5 | 9.5 | 9.5 | 9.7 | 9.0 | 9.0 | 9.0 | 9.0 | 10.5 | 12 | 5.6 | 3 | 4.9 | 8.2 |
| 8.0 | 7,8 | 8.5 | 9.0 | 9.6 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 8 | 7,8 | 13,17 | 2.2 | 8.8 |
| 11.0 | 11.0 | 11.0 | 10.5 | 11.3 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | varios | 8,0 | varios | 3.5 | 9.8 |
| 11.0 | 11.0 | 11.5 | 11.0 | 11,6 | 11.0 | 11.0 | 10.0 | 10.0 | 11.7 | 14 | 10.0 | 23,24 | 1,7 | 11.0 |
| 10.5 | 10.5 | 10.0 | 10.0 | 9.4 | 8.5 | 8.0 | 8.0 | 7.8 | 12.0 | 13 | 7.8 | 24 | 4.2 | 9,6 |
| 7.6 | 8.5 | 7.8 | 7.8 | 8.1 | 7.4 | 7.4 | 6.6 | 6.6 | 8.5 | 17 | 5.0 | 7 | 3.5 | 7.0 |
| 8,5 | 8.0 | 8,0 | 8,5 | 8,4 | 8.0 | 8.0 | 7,4 | 6.6 | 8.7 | 8 | 6,2 | 3 | 2.5 | 7.6 |
| 3.6 | 5.4 | 5.8 | 5.8 | 5,4 | 5.4 | 5.0 | 5.0 | 5.2 | 8.0 | 9 | 3.6 | 16 | 4.4 | 5.5 |
| 4.0 | 5.4 | 6.0 | 6.2 | 4,9 | 5.2 | 5.2 | 5.0 | 5.2 | 7.8 | 10 | 4.0 | 15,16 | 3.8 | 5.5 |
| 8.5 | 9.0 | 8.0 | 8.5 | 8,4 | 8,0 | 7.8 | 7.8 | 7.8 | 9.0 | 17 | 4.8 | 1 | 4.2 | 7.3 |
| 9.0 | 9.5 | 9.0 | 9.0 | 9.3 | 8.5 | 8.0 | 7.6 | 6.4 | 9.5 | 17 | 6.4 | 24 | 3.1 | 8.0 |
| 3.8 | 4.2 | 3.8 | 4.2 | 4.6 | 3.8 | 4.0 | 3.8 | 3.8 | 6.4 | 0 | 3.8 | varios | 2.6 | 4.7 |
| 4.4 | 5.4 | 5.2 | 4.8 | 4,6 | 4.4 | 4.4 | 4.2 | 4.4 | 5.4 | 17 | 3,2 | 6,7 | 2.2 | 4.0 |
| 4.8 | 5.4 | 5.2 | 5.2 | 5,2 | 4.8 | 4.6 | 4.4 | 4.4 | 5.7 | 8 | 4.2 | 15 | 1.5 | 5.0 |
| 5.8 | 6.0 | 5.2 | 5.2 | 5,0 | 4.8 | 4.8 | 5.4 | 5.6 | 6.0 | 17 | 4.0 | varios | 2.0 | 5.0 |
| 5.8 | 6.4 | 6.6 | 7.6 | 7.8 | 6.4 | 6.8 | 7.0 | 6.6 | 7.8 | 20 | 5.4 | varios | 2.4 | 6.1 |
| 9.0 | 9.5 | 9.0 | 9.5 | 9,9 | 9.5 | 9.5 | 9.5 | 9.5 | 9.9 | 20 | 6,2 | 4 | 3.7 | 8.2 |
| 12.0 | 11.5 | 10.5 | 10.5 | 10,1 | 9.5 | 10,0 | 10.5 | 10,0 | 13,2 | 14 | 8.5 | varios | 4.7 | 10,2 |
| 11.5 | 11.0 | 11.0 | 10.5 | 11,0 | 10.5 | 10.5 | 10.5 | 10.5 | 11.5 | 14,16 | 9.0 | 5 | 2.5 | 10.3 |
| 8.5 | 8.0 | 7.8 | 8.5 | 9.5 | 9.0 | 9.0 | 9.0 | 8.5 | 11.5 | varios | 7.8 | 18 | 3.7 | 9.7 |
| 8.5 | 8.5 | 8.5 | 9.0 | 9.4 | 9.5 | 9.5 | 9.5 | 8.5 | 9.5 | varios | 7.6 | 5,6 | 1.9 | 8.6 |
| 9.0 | 9.0 | 9.0 | 9.5 | 9.8 | 9.5 | 9.0 | 10.0 | 10.0 | 10.0 | 23,24 | 8,0 | 9,10 | 2.0 | 8.9 |
| 12.0 | 12.0 | 11.5 | 11.0 | 11,0 | 10.0 | 9.5 | 9.5 | 9.5 | 12.5 | 14 | 9,5 | varios | 3,0 | 10,7 |
| 9.0 | 9.0 | 9.0 | 8.5 | 9.2 | 8,5 | 8.5 | 9.0 | 9,0 | 9.5 | 0 | 8.5 | varios | 1,0 | 8,8 |
| 9.0 | 9.0 | 8.5 | 10,0 | 10,9 | 10.0 | 10,0 | 10.0 | 10.0 | 10.9 | 20 | 8.5 | varios | 2,4 | 9,2 |
| 14.5 | 15.5 | 15.5 | 14.0 | 14.4 | 14.0 | 14.0 | 14.5 | 14.5 | 15.5 | 17,18 | 10.0 | 0 | 5.5 | 13.3 |
| 8.5 | 8.7 | 8.5 | 8.6 | 8.7 | 8.2 | 8.2 | 8.2 | 8.1 | 9.9 | | 6.8 | | 3.1 | 8.2 |

# VIENTO

DIRECCIÓN Y VELOCIDAD; PREVALENCIAS

| HORAS | 0-1 | | 1-2 | | 2-3 | | 3-4 | | 4-5 | | 5-6 | | 6-7 | | 7-8 | | 8-9 | | 9-10 | | 10-11 | | 11-12 | | 12-13 | | 13-14 | | 14-15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DÍAS | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | NE | 20 | NE | 17 | N | 17 | N | 16 | NE | 15 | NE | 15 | NE | 15 | NE | 18 | N | 22 | N | 22 | N | 23 | N | 23 | N | 21 | N | 20 | N | 16 |
| 2 | N | 13 | N | 15 | N | 18 | N | 19 | N | 20 | N | 20 | N | 20 | N | 19 | N | 22 | N | 20 | N | 21 | NW | 23 | NW | 15 | W | 18 | S | 24 |
| 3 | S | 10 | S | 8 | S | 7 | S | 8 | S | 10 | S | 11 | S | 9 | SE | 7 | S | 11 | S | 15 | S | 14 | S | 18 | S | 17 | S | 16 | S | 9 |
| 4 | E | 12 | E | 10 | SE | 8 | S | 5 | S | 6 | S | 4 | S | 5 | S | 7 | S | 5 | S | 6 | S | 8 | S | 8 | S | 10 | S | 10 | E | 10 |
| 5 | SE | 3 | E | 6 | SE | 3 | SE | 3 | SE | 2 | C | 0 | SE | 2 | S | 4 | SE | 2 | C | 1 | C | 1 | S | 3 | S | 3 | S | 5 | S | 7 |
| 6 | SE | 3 | SE | 5 | SE | 4 | SE | 5 | S | 3 | S | 4 | S | 4 | SE | 8 | SE | 5 | SE | 6 | E | 13 | E | 14 | E | 16 | E | 14 | E | 15 |
| 7 | E | 12 | E | 11 | E | 11 | E | 12 | E | 12 | E | 13 | E | 10 | E | 8 | E | 10 | E | 10 | E | 11 | NE | 13 | NE | 10 | NE | 10 | NE | 9 |
| 8 | NE | 4 | NE | 6 | N | 3 | W | 4 | SW | 3 | NE | 3 | C | 0 | C | 0 | C | 1 | W | 2 | SW | 4 | W | 4 | W | 6 | W | 6 | W | 6 |
| 9 | SW | 6 | SW | 7 | SW | 4 | S | 4 | SW | 6 | SW | 8 | SW | 10 | SW | 10 | SW | 9 | SW | 4 | W | 3 | W | 5 | W | 7 | W | 8 | W | 8 |
| 10 | W | 7 | W | 6 | W | 6 | W | 5 | N | 7 | NW | 5 | NW | 7 | NW | 7 | C | 1 | W | 4 | W | 5 | W | 5 | W | 8 | W | 6 | W | 3 |
| 11 | N | 9 | N | 7 | E | 8 | NE | 10 | NE | 4 | SE | 9 | E | 6 | SE | 13 | NE | 8 | NE | 9 | NE | 7 | N | 6 | N | 7 | NW | 5 | NW | 3 |
| 12 | W | 4 | W | 5 | SW | 13 | SW | 7 | SW | 7 | S | 4 | S | 3 | S | 2 | SE | 2 | C | 1 | NE | 7 | E | 10 | E | 12 | E | 10 | E | 10 |
| 13 | N | 6 | W | 7 | NW | 8 | NW | 11 | NW | 12 | NW | 11 | NW | 10 | NW | 11 | NW | 10 | W | 10 | W | 11 | W | 14 | W | 15 | W | 14 | W | 17 |
| 14 | N | 16 | N | 18 | N | 19 | N | 15 | N | 19 | N | 20 | N | 21 | N | 25 | N | 27 | N | 27 | N | 31 | N | 28 | N | 36 | N | 36 | N | 27 |
| 15 | NW | 9 | N | 7 | N | 7 | N | 7 | N | 6 | E | 6 | NE | 12 | NE | 11 | NE | 14 | N | 8 | N | 8 | N | 10 | N | 11 | N | 2 | N | 15 |
| 16 | S | 17 | S | 14 | S | 12 | S | 11 | S | 8 | S | 9 | S | 8 | S | 10 | S | 11 | S | 9 | S | 12 | S | 11 | S | 13 | S | 9 | S | 7 |
| 17 | W | 8 | SW | 11 | SW | 11 | W | 9 | SW | 5 | SW | 7 | W | 5 | S | 4 | C | 1 | C | 1 | S | 3 | S | 4 | S | 3 | SW | 4 | W | 5 |
| 18 | NW | 16 | NW | 12 | NW | 12 | W | 6 | NW | 9 | NW | 13 | W | 10 | W | 12 | SW | 11 | SW | 9 | S | 9 | S | 10 | S | 11 | S | 12 | S | 9 |
| 19 | N | 7 | N | 6 | N | 6 | N | 7 | N | 8 | N | 8 | N | 11 | N | 9 | N | 11 | N | 12 | NE | 14 | NE | 16 | NE | 14 | NE | 11 | NE | 13 |
| 20 | NE | 15 | NE | 16 | NE | 18 | NE | 16 | NE | 13 | NE | 15 | NE | 14 | NE | 15 | NE | 20 | NE | 16 | NE | 21 | NE | 20 | N | 20 | N | 15 | NE | 14 |
| 21 | NE | 20 | NE | 14 | NE | 18 | NE | 17 | NE | 12 | NE | 10 | NE | 12 | NE | 15 | NE | 20 | N | 23 | N | 19 | N | 26 | N | 29 | N | 29 | N | 29 |
| 22 | N | 27 | N | 22 | N | 23 | N | 24 | N | 22 | N | 18 | N | 17 | N | 15 | N | 20 | N | 24 | N | 25 | N | 23 | N | 21 | N | 23 | NE | 20 |
| 23 | N | 26 | N | 25 | N | 22 | N | 20 | N | 14 | N | 13 | NE | 15 | NE | 18 | N | 21 | N | 24 | N | 28 | N | 25 | N | 24 | N | 22 | N | 18 |
| 24 | N | 33 | N | 28 | NW | 23 | NW | 22 | NW | 16 | W | 11 | W | 4 | NW | 7 | NW | 5 | SW | 8 | S | 9 | S | 7 | S | 5 | S | 6 | S | 4 |
| 25 | SE | 7 | SE | 5 | SE | 8 | S | 6 | SE | 11 | E | 17 | S | 15 | S | 22 | SE | 22 | SE | 20 | S | 14 | S | 16 | S | 27 | SE | 29 | SE | 29 |
| 26 | S | 11 | S | 10 | S | 10 | S | 10 | S | 12 | S | 12 | S | 10 | S | 11 | SE | 14 | SE | 14 | E | 14 | E | 18 | E | 19 | E | 19 | E | 15 |
| 27 | NE | 14 | E | 12 | E | 9 | NE | 12 | E | 7 | E | 10 | E | 13 | E | 12 | E | 14 | NE | 15 | NE | 13 | N | 14 | N | 12 | SW | 17 | SE | 4 |
| 28 | SW | 6 | S | 6 | SW | 7 | S | 11 | S | 10 | S | 7 | S | 3 | S | 4 | S | 4 | S | 4 | S | 7 | S | 6 | S | 7 | S | 10 | S | 12 |
| 29 | E | 16 | E | 14 | SE | 20 | SE | 22 | E | 19 | E | 17 | SE | 17 | SE | 23 | E | 23 | E | 14 | S | 12 | S | 15 | S | 18 | SE | 22 | E | 19 |
| 30 | E | 12 | E | 11 | E | 14 | E | 11 | E | 13 | E | 13 | E | 13 | E | 16 | NE | 18 | NE | 13 | NE | 14 | N | 25 | N | 21 | N | 19 | N | 13 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIR. PREV. | N | | N | | N | | N-S | | N | | S | | S | | S | | N | | N | | S | | S | | N-S | | N | | S | |
| Nº de HORAS | 8 | | 8 | | 8 | | 7 | | 7 | | 7 | | 8 | | 8 | | 6 | | 8 | | 9 | | 10 | | 10 | | 8 | | 7 | |
| PROM. MOD. DE LA VELOC | | 12 | | 11 | | 12 | | 11 | | 10 | | 10 | | 10 | | 11 | | 12 | | 12 | | 13 | | 14 | | 15 | | 14 | | 13 |

| 15-16 | | 16-17 | | 17-18 | | 18-19 | | 19-20 | | 20-21 | | 21-22 | | 22-23 | | 23-24 | | PREVAL. DIARIA | | PROM. DIARIO DE VELOC. | VELOCIDAD INSTANTÁNEA | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | DIR. | Nº de HORAS | | VELOC. | DIREC. | HORA |
| NE | 15 | NE | 13 | NE | 12 | NE | 16 | NE | 19 | NE | 23 | NE | 21 | N | 17 | N | 11 | NE | 13 | 18 | 36 | N | 10.41 |
| S | 20 | S | 17 | S | 18 | S | 16 | S | 14 | S | 13 | S | 7 | S | 4 | SW | 12 | N | 11 | 17 | 49 | SW | 14.20 |
| S | 9 | S | 9 | S | 12 | E | 22 | E | 12 | SE | 10 | E | 10 | SE | 7 | SE | 11 | S | 17 | 11 | 39 | S | 17.58 |
| E | 8 | E | 5 | E | 7 | E | 8 | SE | 5 | SE | 5 | SE | 6 | SE | 3 | SE | 4 | S | 11 | 7 | 16 | SE | 12.34 |
| S | 5 | S | 5 | S | 5 | SE | 5 | SE | 8 | SE | 7 | SE | 7 | SE | 7 | SE | 5 | SE | 12 | 4 | 12 | S | 14.40 |
| E | 16 | E | 12 | E | 9 | E | 8 | E | 9 | E | 7 | S | 4 | SE | 9 | SE | 9 | E | 11 | 11 | 23 | E | 10.44 |
| E | 10 | E | 8 | E | 6 | E | 3 | E | 5 | E | 4 | SE | 2 | SE | 3 | E | 3 | E | 18 | 9 | 18 | NE | 11.24 |
| W | 6 | SW | 8 | SW | 7 | SW | 4 | SW | 5 | SW | 3 | SW | 6 | SW | 5 | SW | 8 | SW | 9 | 4 | 12 | SW | 16.19 |
| W | 9 | W | 7 | NW | 10 | NW | 13 | W | 10 | W | 10 | W | 13 | W | 8 | W | 7 | W | 12 | 8 | 19 | S | 7.04 |
| C | 0 | C | 0 | NE | 6 | NE | 9 | N | 8 | N | 6 | NE | 6 | NE | 6 | N | 10 | W | 10 | 6 | 12 | NW | 7.44 |
| C | 1 | W | 6 | S | 4 | SE | 8 | SE | 5 | E | 7 | E | 8 | E | 3 | W | 5 | NE-E | 5 | 7 | 24 | SW | 18.56 |
| E | 10 | E | 6 | E | 4 | E | 6 | E | 7 | E | 6 | E | 6 | NE | 8 | N | 7 | E | 11 | 7 | 18 | SW | 2.06 |
| W | 12 | W | 5 | NW | 7 | N | 7 | N | 11 | N | 10 | N | 12 | N | 14 | N | 14 | W | 9 | 11 | 34 | W | 14.41 |
| N | 18 | NW | 14 | NW | 14 | NW | 11 | NW | 10 | NW | 8 | NW | 10 | NW | 10 | NW | 7 | N | 16 | 19 | 55 | N | 13.03 |
| N | 18 | N | 16 | NW | 14 | NW | 17 | NW | 16 | NW | 17 | W | 16 | S | 19 | S | 16 | N | 12 | 12 | 38 | N | 13.12 |
| SW | 15 | SW | 3 | SW | 4 | SW | 4 | SW | 7 | SW | 8 | SW | 5 | W | 5 | W | 8 | S | 15 | 9 | 29 | S | 0.32 |
| NW | 7 | W | 5 | NW | 4 | NW | 10 | NW | 11 | NW | 11 | NW | 13 | NW | 11 | NW | 12 | NW | 8 | 7 | 10 | NW | 21.16 |
| S | 9 | S | 3 | C | 1 | C | 0 | C | 0 | C | 1 | N | 4 | N | 4 | N | 5 | S | 7 | 8 | 24 | W | 7.40 |
| NE | 11 | NE | 9 | NE | 10 | NE | 12 | NE | 14 | NE | 17 | NE | 16 | NE | 15 | NE | 12 | NE | 14 | 11 | 26 | NE | 21.32<br>21.44 |
| NE | 15 | NE | 12 | NE | 11 | NE | 13 | NE | 10 | NE | 17 | NE | 16 | NE | 15 | NE | 16 | NE | 21 | 16 | 31 | NE | 10.40 |
| N | 24 | N | 13 | NE | 12 | NE | 16 | NE | 16 | NE | 17 | NE | 14 | N | 19 | N | 24 | NE | 14 | 19 | 45 | N | 13.59 |
| NE | 16 | NE | 17 | NE | 17 | NE | 16 | NE | 16 | NE | 16 | NE | 19 | NE | 19 | N | 25 | N | 15 | 20 | 38 | N | 1.00 |
| NE | 17 | NE | 14 | NE | 15 | NE | 14 | NE | 20 | N | 26 | N | 25 | N | 27 | N | 35 | N | 17 | 21 | 46 | N | 23.24 |
| S | 2 | S | 3 | SE | 2 | E | 4 | SE | 5 | SE | 5 | SE | 6 | E | 7 | SE | 7 | S | 7 | 10 | 46 | N | 0.10 |
| SE | 32 | SE | 29 | SE | 28 | SE | 32 | SE | 26 | E | 25 | E | 16 | S | 10 | S | 8 | SE | 13 | 19 | 50 | SE | 15.14 |
| E | 12 | E | 10 | E | 7 | E | 10 | E | 12 | E | 10 | E | 10 | E | 10 | E | 11 | E | 14 | 12 | 26 | E | 12.56 |
| S | 3 | W | 8 | S | 12 | S | 5 | SE | 3 | SW | 2 | SW | 5 | SW | 7 | SW | 8 | E | 7 | 10 | 46 | SW | 13.15 |
| S | 12 | SE | 14 | SE | 14 | E | 12 | E | 14 | E | 17 | E | 16 | E | 11 | E | 11 | S | 14 | 9 | 23 | SE | 17.30 |
| E | 23 | E | 20 | E | 18 | E | 22 | E | 24 | E | 18 | E | 17 | E | 15 | E | 13 | E | 16 | 18 | 35 | E | 15.52 |
| N | 12 | NE | 7 | N | 7 | C | 0 | NE | 6 | NE | 5 | NE | 10 | N | 10 | S | 11 | E | 8 | 12 | 34 | NE | 11.33 |
| S | | NE-E | | NE | | E | | NE-E | | E | | NE-E | | N | | N | | PREVAL. MENSUAL | | VELOC. MEDIA HORARIA EN EL MES | MÁXIMA DEL MES | | |
| | | | | | | | | | | | | | | | | | | DIR. | HORAS | | 96 Km. | | |
| 7 | | 6 | | 7 | | 10 | | 7 | | 8 | | 7 | | 6 | | 8 | | | | | DIREC. | DÍA | HORA |
| | 12 | | 10 | | 10 | | 11 | | 11 | | 11 | | 11 | | 10 | | 11 | N | 135 | 12 | N | 14 | de 13.00 a 13.05 |

# FRECUENCIAS, KILÓMETROS RECORRIDOS Y VELOCIDAD MEDIA POR DIRECCIÓN

| DÍAS | NORTE | | NORESTE | | ESTE | | SUDESTE | | SUD | | SUDOESTE | | OESTE | | NOROESTE | | Calma | TOTALES DIARIOS DE KILÓMETROS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | KILÓM. RECOR. | Nº DE HORAS | |
| 1 | 11 | 208 | 13 | 219 | | | | | | | | | | | | | | 427 |
| 2 | 11 | 207 | | | | | | | 9 | 133 | 1 | 12 | 1 | 18 | 2 | 38 | | 408 |
| 3 | | | | | 3 | 44 | 4 | 35 | 17 | 193 | | | | | | | | 272 |
| 4 | | | | | 7 | 60 | 6 | 31 | 11 | 74 | | | | | | | | 165 |
| 5 | | | | | 1 | 6 | 12 | 54 | 8 | 37 | | | | | | | 3 | 99 |
| 6 | | | | | 11 | 133 | 9 | 54 | 4 | 15 | | | | | | | | 202 |
| 7 | | | 4 | 42 | 18 | 159 | 2 | 5 | | | | | | | | | | 206 |
| 8 | 1 | 3 | 3 | 13 | | | | | | | 9 | 49 | 8 | 38 | | | 3 | 104 |
| 9 | | | | | | | | | 1 | 4 | 9 | 64 | 12 | 95 | 2 | 23 | | 186 |
| 10 | 4 | 31 | 4 | 27 | | | | | | | | | 10 | 55 | 3 | 19 | 3 | 133 |
| 11 | 4 | 29 | 5 | 38 | 5 | 32 | 4 | 35 | 1 | 4 | | | 2 | 11 | 2 | 8 | 1 | 158 |
| 12 | 1 | 7 | 2 | 15 | 11 | 87 | 1 | 2 | 3 | 9 | 3 | 27 | 2 | 9 | | | 1 | 157 |
| 13 | 7 | 74 | | | | | | | | | | | 9 | 105 | 8 | 80 | | 259 |
| 14 | 16 | 383 | | | | | | | | | | | | | 8 | 84 | | 467 |
| 15 | 12 | 115 | 3 | 37 | 1 | 6 | | | 2 | 35 | | | 1 | 16 | 5 | 73 | | 282 |
| 16 | | | | | | | | | 15 | 161 | 7 | 36 | 2 | 13 | | | | 210 |
| 17 | | | | | | | | | 4 | 14 | 5 | 38 | 5 | 38 | 8 | 78 | 2 | 164 |
| 18 | 3 | 13 | | | | | | | 7 | 63 | 2 | 20 | 3 | 28 | 5 | 62 | 4 | 188 |
| 19 | 10 | 85 | 14 | 184 | | | | | | | | | | | | | | 269 |
| 20 | 2 | 35 | 21 | 325 | 1 | 13 | | | | | | | | | | | | 373 |
| 21 | 10 | 235 | 14 | 213 | | | | | | | | | | | | | | 448 |
| 22 | 15 | 329 | 9 | 156 | | | | | | | | | | | | | | 485 |
| 23 | 17 | 395 | 7 | 113 | | | | | | | | | | | | | | 508 |
| 24 | 2 | 61 | | | 2 | 11 | 5 | 25 | 7 | 36 | 1 | 8 | 2 | 15 | 5 | 73 | | 229 |
| 25 | | | | | 3 | 58 | 13 | 278 | 8 | 118 | | | | | | | | 454 |
| 26 | | | | | 14 | 177 | 2 | 28 | 8 | 86 | | | | | | | | 291 |
| 27 | 2 | 26 | 4 | 24 | 7 | 77 | 2 | 7 | 3 | 20 | 5 | 39 | 1 | 8 | | | | 231 |
| 28 | | | | | 6 | 81 | 2 | 28 | 14 | 103 | 2 | 13 | | | | | | 225 |
| 29 | | | | | 16 | 292 | 5 | 104 | 3 | 45 | | | | | | | | 441 |
| 30 | 7 | 107 | 7 | 63 | 8 | 103 | | | 1 | 11 | | | | | | | 1 | 294 |
| 31 | | | | | | | | | | | | | | | | | | |
| SUMAS | 135 | 2343 | 110 | 1509 | 114 | 1339 | 67 | 686 | 126 | 1161 | 44 | 306 | 58 | 443 | 48 | 538 | 18 | 8335 |
| % PREVAL POR VELOCIDAD | 28.1 | | 18.1 | | 16.1 | | 8.2 | | 13.9 | | 3.7 | | 5.3 | | 6.4 | | 0.1 | VELOCIDAD MEDIA DIARIA EN EL MES |
| VELOCIDAD MEDIA POR DIRECCIÓN | 17 | | 14 | | 12 | | 10 | | 9 | | 7 | | 8 | | 11 | | 1.0 | 278 |

## FRECUENCIA HORARIA MENSUAL DE DIRECCIONES

| HORAS | DIRECCIONES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORTE | NORESTE | ESTE | SUDESTE | SUD | SUDOESTE | OESTE | NOROESTE | CALMA |
| 0 - 1 | 8 | 5 | 4 | 3 | 3 | 2 | 3 | 2 | - |
| 1 - 2 | 8 | 4 | 6 | 2 | 4 | 2 | 3 | 1 | - |
| 2 - 3 | 8 | 2 | 4 | 5 | 3 | 4 | 1 | 3 | - |
| 3 - 4 | 7 | 4 | 2 | 3 | 7 | 1 | 4 | 2 | - |
| 4 - 5 | 7 | 4 | 4 | 2 | 6 | 4 | - | 3 | - |
| 5 - 6 | 5 | 4 | 6 | 1 | 7 | 2 | 1 | 3 | 1 |
| 6 - 7 | 4 | 5 | 4 | 2 | 8 | 1 | 3 | 2 | - |
| 7 - 8 | 4 | 5 | 3 | 4 | 8 | 1 | 1 | 3 | 1 |
| 8 - 9 | 6 | 5 | 3 | 5 | 4 | 2 | - | 2 | 3 |
| 9 - 10 | 8 | 4 | 2 | 3 | 4 | 3 | 3 | - | 3 |
| 10 - 11 | 7 | 6 | 3 | - | 9 | 1 | 3 | - | 1 |
| 11 - 12 | 9 | 3 | 3 | - | 10 | - | 4 | 1 | - |
| 12 - 13 | 10 | 2 | 3 | - | 10 | - | 4 | 1 | - |
| 13 - 14 | 8 | 2 | 3 | 2 | 7 | 2 | 5 | 1 | - |
| 14 - 15 | 6 | 4 | 5 | 2 | 7 | - | 5 | 1 | - |
| 15 - 16 | 4 | 5 | 6 | 1 | 7 | 1 | 3 | 1 | 2 |
| 16 - 17 | 2 | 6 | 6 | 2 | 5 | 2 | 5 | 1 | 1 |
| 17 - 18 | 1 | 7 | 6 | 3 | 5 | 2 | - | 5 | 1 |
| 18 - 19 | 1 | 6 | 10 | 3 | 2 | 1 | 1 | 4 | 2 |
| 19 - 20 | 2 | 7 | 7 | 6 | 1 | 2 | 1 | 3 | 1 |
| 20 - 21 | 3 | 6 | 8 | 4 | 1 | 3 | 1 | 3 | 1 |
| 21 - 22 | 3 | 7 | 7 | 4 | 2 | 3 | 2 | 2 | - |
| 22 - 23 | 6 | 5 | 5 | 5 | 3 | 2 | 2 | 2 | - |
| 23 - 24 | 8 | 2 | 4 | 5 | 3 | 3 | 3 | 2 | - |
| SUMAS | 135 | 110 | 114 | 67 | 126 | 44 | 58 | 48 | 18 |
| % de frec. por dirección | 18.8 | 15.3 | 15.8 | 9.3 | 17.5 | 6.1 | 8.0 | 6.7 | 2.5 |

# NUBES, VISIBILIDAD

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

# RADIACIÓN SOLAR

| DÍAS | Hora | BULBOS Negro °C | BULBOS Blanco °C | Calorías Gr. Cal. Cm². min. | Nubes 0 - 8 | Insolación | Transparencia | Observaciones |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 | | | | 8 | 2 | 4 | |
| | 10 | | | | 8 | 2 | 4 | B. |
| | 12 | | | | 8 | 2 | 4 | B. |
| | 14 | | | | 8 | 2 | 4 | B. |
| | 15 | | | | 8 | 2 | 4 | B. |
| 2 | 9 | | | | 8 | 0 | 3 | |
| | 10 | | | | 8 | 0 | 3 | |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 0 | 3 | Z. |
| | 15 | | | | 8 | 0 | 3 | Z. |
| 3 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 7 | 4 | 4 | |
| | 12 | | | | 7 | 2 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 4 | 9 | | | | 8 | 0 | 3 | |
| | 10 | | | | 8 | 0 | 3 | |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 5 | 9 | | | | 9 | 0 | 0 | Ne. |
| | 10 | | | | 9 | 0 | 0 | Ne. |
| | 12 | | | | 8 | 4 | 2 | Ne. |
| | 14 | | | | 8 | 3 | 3 | N. |
| | 15 | | | | 8 | 0 | 2 | Ne. |
| 6 | 9 | | | | 8 | 0 | 2 | N. |
| | 10 | | | | 8 | 0 | 2 | Ne. |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 7 | 9 | | | | 7 | 3 | 4 | |
| | 10 | | | | 4 | 4 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 8 | 9 | | | | 8 | 0 | 2 | N. |
| | 10 | | | | 8 | 0 | 3 | |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 9 | 9 | | | | 8 | 0 | 3 | Ne. |
| | 10 | | | | 8 | 1 | 4 | Ne. |
| | 12 | | | | 5 | 3 | 4 | B. |
| | 14 | | | | 4 | 3 | 4 | B. |
| | 15 | | | | 0 | 5 | 4 | |
| 10 | 9 | | | | 0 | 5 | 3 | |
| | 10 | | | | 0 | 5 | 3 | |
| | 12 | | | | 0 | 5 | 3 | |
| | 14 | | | | 0 | 5 | 3 | |
| | 15 | | | | 0 | 5 | 3 | |
| 11 | 9 | | | | 6 | 3 | 3 | N. |
| | 10 | | | | 7 | 3 | 3 | Ne. |
| | 12 | | | | 8 | 1 | 3 | Ne. |
| | 14 | | | | 8 | 1 | 4 | |
| | 15 | | | | 8 | 1 | 4 | |
| 12 | 9 | | | | 6 | 5 | 3 | Ne. |
| | 10 | | | | 0 | 5 | 3 | Ne. |
| | 12 | | | | 0 | 5 | 3 | Ne. |
| | 14 | | | | 0 | 5 | 3 | B. |
| | 15 | | | | 0 | 5 | 3 | B. |
| 13 | 9 | | | | 0 | 5 | 3 | Ne. |
| | 10 | | | | 0 | 5 | 4 | B. |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 0 | 5 | 4 | |
| | 15 | | | | 3 | 5 | 4 | |
| 14 | 9 | | | | 8 | 2 | 3 | |
| | 10 | | | | 8 | 2 | 3 | |
| | 12 | | | | 8 | 2 | 3 | |
| | 14 | | | | 8 | 2 | 3 | |
| | 15 | | | | 8 | 2 | 3 | |
| 15 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | LL. |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 8 | 0 | 4 | |
| 16 | 9 | | | | 8 | 1 | 3 | |
| | 10 | | | | 6 | 1 | 3 | |
| | 12 | | | | 5 | 4 | 3 | |
| | 14 | | | | 5 | 4 | 3 | |
| | 15 | | | | 4 | 4 | 3 | |
| 17 | 9 | | | | 0 | 5 | 4 | Ne. |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 0 | 5 | 4 | |
| | 15 | | | | 0 | 5 | 4 | |
| 18 | 9 | | | | 0 | 5 | 4 | |
| | 10 | | | | 0 | 5 | 4 | |
| | 12 | | | | 0 | 5 | 4 | |
| | 14 | | | | 0 | 5 | 4 | |
| | 15 | | | | 0 | 5 | 4 | |
| 19 | 9 | | | | 0 | 5 | 4 | Ne. |
| | 10 | | | | 0 | 5 | 4 | B. |
| | 12 | | | | 0 | 5 | 4 | B. |
| | 14 | | | | 0 | 5 | 4 | B. |
| | 15 | | | | 0 | 5 | 4 | B. |
| 20 | 9 | | | | 6 | 4 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 2 | 5 | 4 | |
| | 14 | | | | 3 | 5 | 4 | |
| | 15 | | | | 5 | 5 | 4 | |
| 21 | 9 | | | | 3 | 5 | 5 | |
| | 10 | | | | 5 | 5 | 5 | |
| | 12 | | | | 5 | 5 | 5 | |
| | 14 | | | | 5 | 5 | 5 | |
| | 15 | | | | 4 | 5 | 5 | |
| 22 | 9 | | | | 8 | 4 | 3 | |
| | 10 | | | | 8 | 4 | 3 | |
| | 12 | | | | 8 | 4 | 3 | |
| | 14 | | | | 8 | 4 | 3 | |
| | 15 | | | | 7 | 4 | 3 | |
| 23 | 9 | | | | 7 | 4 | 4 | |
| | 10 | | | | 6 | 4 | 4 | |
| | 12 | | | | 6 | 4 | 4 | |
| | 14 | | | | 7 | 4 | 4 | |
| | 15 | | | | 5 | 4 | 4 | |
| 24 | 9 | | | | 6 | 3 | 3 | |
| | 10 | | | | 5 | 3 | 3 | |
| | 12 | | | | 4 | 3 | 3 | |
| | 14 | | | | 4 | 3 | 3 | |
| | 15 | | | | 4 | 3 | 3 | |
| 25 | 9 | | | | 8 | 0 | 3 | Z. |
| | 10 | | | | 8 | 0 | 3 | B. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | LL. |
| | 15 | | | | 8 | 0 | 3 | LL. |
| 26 | 9 | | | | 8 | 0 | 4 | |
| | 10 | | | | 8 | 0 | 4 | |
| | 12 | | | | 8 | 0 | 4 | |
| | 14 | | | | 8 | 0 | 4 | |
| | 15 | | | | 7 | 2 | 4 | |
| 27 | 9 | | | | 8 | 0 | 0 | N. |
| | 10 | | | | 8 | 0 | 2 | |
| | 12 | | | | 8 | 0 | 3 | |
| | 14 | | | | 8 | 0 | 2 | LL. |
| | 15 | | | | 8 | 0 | 2 | LL. |
| 28 | 9 | | | | 8 | 0 | 2 | Ne. |
| | 10 | | | | 8 | 0 | 2 | Ne. |
| | 12 | | | | 8 | 0 | 2 | N. |
| | 14 | | | | 8 | 0 | 2 | N. |
| | 15 | | | | 8 | 0 | 2 | N. |
| 29 | 9 | | | | 8 | 0 | 3 | LL. |
| | 10 | | | | 8 | 0 | 3 | LL. |
| | 12 | | | | 8 | 0 | 3 | LL. |
| | 14 | | | | 8 | 0 | 3 | |
| | 15 | | | | 8 | 0 | 3 | |
| 30 | 9 | | | | 7 | 0 | 3 | |
| | 10 | | | | 7 | 3 | 3 | |
| | 12 | | | | 6 | 3 | 3 | |
| | 14 | | | | 6 | 3 | 3 | |
| | 15 | | | | 5 | 3 | 3 | |
| 31 | 9 | | | | | | | |
| | 10 | | | | | | | |
| | 12 | | | | | | | |
| | 14 | | | | | | | |
| | 15 | | | | | | | |

## HELIOFANIA

| DÍAS \ HORAS | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | H. EFECTIVA | H. TEÓR. ASTRON. | H. RELATIVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.4 | 1.0 | 1.0 | 0.9 | 0.3 | 0.4 | 1.0 | 0.6 | | | | 5.6 | 9.9 | 57 |
| 2 | | | | | | | | | | | | | | | 0.0 | 9.9 | 00 |
| 3 | | | | 1.0 | 1.0 | 0.3 | 0.7 | 0.1 | | | | | | | 3.1 | 9.9 | 31 |
| 4 | | | | | | 0.1 | 0.1 | 0.1 | | | | | | | 0.3 | 9.9 | 03 |
| 5 | | | | | 0.4 | 1.0 | 0.9 | 1.0 | 0.3 | | | | | | 3.6 | 9.9 | 36 |
| 6 | | | | | | | | | | | | | | | 0.0 | 9.9 | 00 |
| 7 | | | | 0.3 | 0.5 | 0.7 | 0.1 | | | | | | | | 1.6 | 9.8 | 16 |
| 8 | | | | | | 0.1 | 0.1 | | | | | | | | 0.2 | 9.8 | 02 |
| 9 | | | | | | 0.1 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | 4.9 | 9.8 | 50 |
| 10 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 8.5 | 9.8 | 87 |
| 11 | | | | 0.5 | 0.9 | 0.2 | 0.4 | | | | | | | | 2.0 | 9.8 | 20 |
| 12 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | | 8.3 | 9.8 | 85 |
| 13 | | | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.1 | | | 8.5 | 9.8 | 87 |
| 14 | | | | | 0.1 | | | | | 0.3 | 0.2 | | | | 0.6 | 9.8 | 06 |
| 15 | | | | | | | | | | | | | | | 0.0 | 9.8 | 00 |
| 16 | | | | | 0.2 | 0.3 | 0.9 | 1.0 | 1.0 | 0.8 | 0.3 | | | | 4.5 | 9.8 | 46 |
| 17 | | | | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | | 7.5 | 9.8 | 76 |
| 18 | | | 0.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | 8.2 | 9.8 | 84 |
| 19 | | | 0.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | | 8.4 | 9.8 | 86 |
| 20 | | | 0.4 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | | | 8.6 | 9.8 | 88 |
| 21 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 | 1.0 | 1.0 | 0.3 | | | 7.8 | 9.8 | 80 |
| 22 | | | | | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | | | | 6.6 | 9.8 | 67 |
| 23 | | | 0.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.8 | 0.9 | 0.3 | | | 8.2 | 9.8 | 84 |
| 24 | | | | | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.2 | | | 6.9 | 9.8 | 70 |
| 25 | | | | | | | | | | | | | | | 0.0 | 9.8 | 00 |
| 26 | | | | | | | | | 0.1 | 1.0 | | | | | 1.1 | 9.8 | 11 |
| 27 | | | | | | | | | | | | | | | 0.0 | 9.8 | 00 |
| 28 | | | | | | | | | | | | | | | 0.0 | 9.8 | 00 |
| 29 | | | | | | | | | | | | | | | 0.0 | 9.8 | 00 |
| 30 | | | | | 0.1 | 0.6 | 1.0 | 0.9 | 0.9 | 1.0 | 0.9 | 0.2 | | | 5.6 | 9.8 | 57 |
| 31 | | | | | | | | | | | | | | | | | |
| Medias | | | 0.1 | 0.3 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.1 | | | 4.0 | 9.8 | 41 |

## GEOTEMPERATURA

| DÍAS | 0.05 m. | | | 0.10 m. | | | 0.20 m. | | | 0.30 m. | | | 0.40 m. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h | 8h | 14h | 20h |
| 1 | 13.2 | 18.4 | 16.2 | 12.9 | 14.6 | 15.6 | 12.5 | 13.1 | 13.9 | 12.8 | 13.2 | 13.4 | 13.2 | 13.5 | 13.3 |
| 2 | 15.0 | 16.4 | 13.6 | 14.7 | 15.3 | 14.6 | 14.0 | 14.2 | 14.3 | 14.0 | 14.0 | 14.2 | 14.0 | 14.2 | 14.0 |
| 3 | 10.0 | 14.1 | 11.2 | 12.2 | 13.2 | 12.7 | 13.3 | 13.2 | 13.2 | 13.8 | 13.7 | 13.6 | 13.9 | 14.2 | 14.0 |
| 4 | 10.6 | 14.2 | 10.6 | 11.7 | 12.6 | 12.5 | 12.4 | 12.5 | 12.8 | 13.3 | 13.3 | 13.2 | 13.9 | 14.0 | 13.6 |
| 5 | 8.5 | 15.6 | 12.4 | 10.4 | 12.2 | 12.8 | 11.9 | 11.9 | 12.5 | 12.8 | 12.8 | 12.8 | 13.5 | 13.5 | 13.4 |
| 6 | 12.0 | 13.6 | 12.2 | 12.5 | 13.0 | 13.0 | 12.7 | 12.6 | 13.0 | 13.1 | 13.2 | 13.2 | 13.5 | 13.7 | 13.6 |
| 7 | 11.2 | 15.2 | 13.8 | 12.4 | 13.3 | 13.6 | 12.8 | 12.8 | 13.3 | 13.4 | 13.3 | 13.4 | 13.6 | 13.8 | 13.7 |
| 8 | 13.6 | 15.8 | 14.6 | 13.7 | 14.5 | 14.7 | 13.5 | 13.6 | 14.0 | 13.7 | 13.8 | 13.7 | 14.0 | 14.2 | 14.0 |
| 9 | 12.8 | 18.2 | 13.3 | 13.6 | 14.5 | 14.7 | 13.9 | 13.7 | 14.4 | 14.1 | 14.2 | 14.2 | 14.2 | 14.5 | 14.3 |
| 10 | 8.4 | 17.2 | 12.0 | 11.7 | 13.3 | 13.8 | 13.2 | 13.0 | 13.6 | 13.8 | 13.8 | 13.7 | 14.2 | 14.6 | 14.2 |
| 11 | 10.1 | 13.4 | 12.2 | 11.3 | 12.7 | 13.0 | 12.6 | 12.5 | 12.8 | 13.5 | 13.4 | 13.3 | 13.9 | 14.0 | 13.7 |
| 12 | 7.4 | 14.4 | 9.4 | 10.5 | 12.4 | 12.0 | 12.2 | 12.2 | 12.4 | 13.0 | 13.1 | 12.8 | 13.5 | 14.0 | 13.3 |
| 13 | 6.5 | 15.2 | 9.2 | 9.6 | 11.4 | 11.6 | 11.3 | 11.4 | 11.9 | 12.5 | 12.4 | 12.3 | 13.3 | 13.5 | 12.8 |
| 14 | 7.4 | 10.6 | 9.8 | 9.4 | 10.4 | 10.7 | 10.8 | 10.6 | 11.0 | 12.0 | 12.0 | 11.9 | 12.8 | 12.8 | 12.6 |
| 15 | 8.4 | 10.6 | 10.2 | 9.6 | 10.4 | 10.7 | 10.8 | 10.6 | 11.0 | 11.7 | 11.7 | 11.6 | 12.4 | 12.4 | 12.2 |
| 16 | 7.0 | 10.8 | 6.0 | 9.3 | 9.5 | 9.2 | 10.6 | 10.4 | 10.4 | 11.5 | 11.5 | 11.1 | 12.2 | 12.5 | 11.8 |
| 17 | 2.5 | 11.8 | 6.0 | 6.3 | 8.3 | 8.8 | 9.0 | 8.8 | 9.6 | 10.5 | 10.4 | 10.4 | 11.3 | 11.8 | 11.2 |
| 18 | 5.2 | 13.2 | 7.0 | 7.6 | 9.3 | 9.6 | 9.0 | 9.2 | 9.8 | 10.4 | 10.4 | 10.2 | 11.1 | 11.5 | 10.8 |
| 19 | 3.4 | 11.3 | 7.2 | 6.5 | 8.6 | 9.3 | 7.8 | 8.7 | 9.6 | 10.2 | 10.2 | 10.0 | 10.8 | 11.2 | 10.6 |
| 20 | 5.4 | 11.8 | 8.2 | 7.5 | 9.2 | 9.7 | 9.0 | 9.0 | 9.7 | 10.0 | 10.0 | 10.0 | 10.6 | 11.3 | 10.7 |
| 21 | 6.6 | 13.8 | 11.6 | 8.2 | 10.3 | 11.3 | 9.3 | 9.6 | 10.5 | 10.4 | 10.3 | 10.4 | 10.8 | 11.2 | 10.8 |
| 22 | 10.7 | 17.0 | 13.8 | 11.0 | 13.0 | 13.7 | 10.6 | 11.2 | 12.2 | 11.0 | 11.3 | 11.6 | 11.2 | 11.8 | 11.6 |
| 23 | 11.4 | 16.9 | 15.5 | 12.0 | 13.7 | 14.5 | 12.0 | 12.1 | 12.9 | 12.0 | 12.2 | 12.5 | 12.0 | 12.3 | 12.3 |
| 24 | 13.4 | 19.4 | 14.6 | 14.1 | 15.1 | 15.1 | 13.2 | 13.5 | 14.0 | 12.8 | 13.2 | 13.3 | 12.6 | 13.3 | 13.0 |
| 25 | 13.1 | 11.8 | 11.3 | 13.7 | 12.9 | 12.2 | 13.6 | 13.2 | 12.6 | 13.4 | 13.3 | 13.2 | 13.0 | 13.2 | 13.6 |
| 26 | 11.2 | 13.2 | 11.5 | 11.9 | 12.3 | 12.3 | 12.2 | 12.2 | 12.4 | 12.7 | 12.7 | 12.6 | 13.0 | 13.1 | 13.0 |
| 27 | 12.3 | 13.8 | 13.6 | 12.4 | 12.8 | 13.4 | 12.2 | 12.4 | 12.8 | 12.6 | 12.6 | 12.6 | 13.0 | 13.0 | 13.0 |
| 28 | 12.0 | 13.3 | 11.8 | 12.6 | 12.8 | 12.6 | 12.6 | 12.6 | 12.6 | 12.8 | 12.8 | 12.7 | 13.0 | 13.2 | 12.9 |
| 29 | 11.4 | 13.1 | 12.1 | 12.0 | 12.3 | 12.4 | 12.3 | 12.2 | 12.3 | 12.7 | 12.7 | 12.6 | 12.9 | 13.0 | 12.9 |
| 30 | 14.0 | 18.4 | 16.0 | 13.2 | 14.8 | 15.7 | 12.6 | 13.1 | 14.1 | 12.7 | 13.2 | 13.5 | 13.0 | 13.5 | 13.3 |
| 31 | | | | | | | | | | | | | | | |
| Prom. | 9.8 | 14.4 | 11.6 | 11.2 | 12.3 | 12.5 | 11.8 | 11.9 | 12.3 | 12.4 | 12.5 | 12.5 | 12.8 | 13.1 | 12.8 |

# LLUVIA, ESTADO DEL SUELO, ETC...

| DÍAS | LLUVIA 50 cm. | 1.50 m | 7 m. | 18 m. | ESTADO DEL SUELO | EVAPORACIÓN $8^h$ | $14^h$ | $20^h$ | Total | GEOHIDROMETRÍA en % Punto | 7 cm. | 15 cm. | 30 cm. | 60 cm. | 1 m. | Preatímetro |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 2 | 0.8 | 0.8 | 0.6 | 2.0 | | | | | | | |
| 2 | | | | | 2 | 0.6 | 0.9 | 0.7 | 1.9 | | | | | | | |
| 3 | | | | | 2 | 0.3 | 0.6 | 0.6 | 2.0 | | | | | | | |
| 4 | 0.8 | 0.8 | 0.8 | - | 2 | 0.8 | 0.7 | 0.6 | 1.5 | | | | | | | |
| 5 | | | | | 2 | 0.2 | 0.4 | 0.4 | 0.9 | | | | | | | |
| 6 | 0.0 | 0.0 | 0.0 | - | 2 | 0.1 | 0.7 | 0.7 | 1.8 | | | | | | | |
| 7 | | | | | 2 | 0.4 | 0.5 | 0.5 | 2.2 | | | | | | | |
| 8 | | | | | 1 | 1.2 | 2.8 | 1.2 | 5.5 | | | | | | | |
| 9 | | | | | 1 | 1.5 | 1.2 | 1.0 | 2.7 | | | | | | | |
| 10 | | | | | 1 | 0.5 | 1.0 | 1.4 | 3.6 | | | | | | | |
| 11 | 0.0 | 0.2 | 0.0 | - | 0 | 1.2 | 2.2 | 1.3 | 4.0 | M. 4 | 18.1 | 21.8 | 21.4 | | | |
| 12 | 0.8 | 1.0 | 0.9 | - | 1 | 0.5 | 0.3 | 0.1 | 0.5 | | | | | | | |
| 13 | 21.1 | 22.0 | 21.5 | - | 1 | 0.1 | 0.4 | 0.3 | 0.9 | | | | | | | |
| 14 | 39.0 | 39.7 | 39.0 | - | 2 | 0.2 | 0.2 | 0.4 | 2.5 | | | | | | | |
| 15 | 0.0 | 0.0 | 0.0 | - | 2 | 1.9 | 0.7 | 0.8 | 2.0 | | | | | | | |
| 16 | | | | | 2 | 0.5 | 0.8 | 0.4 | 1.5 | | | | | | | |
| 17 | | | | | 2 | 0.3 | 1.4 | 0.9 | 2.6 | | | | | | | |
| 18 | 4.4 | 4.5 | 4.0 | - | 2 | 0.3 | 0.4 | 0.4 | 1.0 | | | | | | | |
| 19 | 3.7 | 3.8 | 3.3 | - | 2 | 0.2 | 0.1 | 0.0 | 0.1 | | | | | | | |
| 20 | | | | | 2 | 0.0 | 0.3 | 0.4 | 0.8 | | | | | | | |
| 21 | | | | | 2 | 0.1 | 0.5 | 0.5 | 1.3 | | | | | | | |
| 22 | | | | | 2 | 0.3 | 0.5 | 0.2 | 0.9 | | | | | | | |
| 23 | | | | | 1 | 0.2 | 0.7 | 0.8 | 1.8 | | | | | | | |
| 24 | 0.0 | 0.0 | 0.0 | - | 1 | 0.3 | 0.1 | 0.1 | 0.4 | | | | | | | |
| 25 | | | | | 1 | 0.2 | 1.3 | 0.7 | 2.6 | | | | | | | |
| 26 | | | | | 1 | 0.6 | 0.7 | 1.4 | 3.6 | | | | | | | |
| 27 | | | | | 1 | 1.5 | 0.9 | 0.6 | 1.6 | | | | | | | |
| 28 | 2.8 | 3.0 | 2.7 | - | 1 | 0.1 | 0.3 | 0.2 | 0.9 | | | | | | | |
| 29 | | | | | 2 | 0.4 | 0.6 | 0.4 | 1.8 | | | | | | | |
| 30 | | | | | 2 | 0.8 | 0.4 | 0.3 | 1.0 | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| Prom. | 72.6 | 75.0 | 72.2 | - | - | 0.5 | 0.8 | 0.6 | 1.9 | | | | | | | |

| 0.50 m. $8^h$ | $14^h$ | $20^h$ | 1 m. $8^h$ | $14^h$ | $20^h$ | 2 m. $8^h$ | 3 m. $8^h$ | Temper. Mínima de la Superf. | Ocurrencia de hidrometeoros y otros fenómenos |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | 17.4 | 17.4 | 17.4 | | | 6.5 | Cn. m. y t., Ca. n., r. n. |
| - | - | - | 17.6 | 17.6 | 17.4 | | | - 3.7 | Ca. m. y t., Cn. n. |
| - | - | - | 17.2 | 17.2 | 17.2 | | | - 3.4 | Cn. m. t. y n., r. m. |
| - | - | - | 17.2 | 17.2 | 17.2 | | | 4.3 | Cn. m. t. y n., LL. n. |
| - | - | - | 17.0 | 17.0 | 16.9 | | | - 1.8 | Cn. m. y t.,Ca. n.,Ne. m. y t.,Ns.N. n. |
| - | - | - | 16.7 | 16.8 | 16.8 | | | - 2.3 | Cn. m. t. y n., N. m. |
| - | - | - | 16.6 | 16.6 | 16.5 | | | - 1.6 | Cn. m. t. y n., Tv. m., r. n. |
| - | - | - | 16.2 | 16.3 | 16.3 | | | 0.2 | Ca. m., Cn. t. y n., Tv. m. y t., Dl. n. |
| - | - | - | 16.2 | 16.2 | 16.2 | | | 3.8 | Cn. m., Ca. t. y n., r. m., Vx. t. |
| - | - | - | 16.0 | 16.0 | 16.0 | | | - 6.1 | Ca. m. t. y n., h. m. |
| - | - | - | 15.8 | 15.8 | 15.8 | | | - 0.5 | Ca. m., Cn. t. y n., r. m. |
| - | - | - | 15.7 | 15.7 | 15.7 | | | 3.2 | Ca. m., Cn. t. y n., N. m., Ds. t., Z. n. |
| - | - | - | 15.6 | 15.6 | 15.6 | | | 12.6 | Cn. m. t. y n., Z. LL. t., LL.n. |
| - | - | - | 15.7 | 15.7 | 15.7 | | | 10.7 | Cn. m. t. y n.,LL.n. t. y n.,Tv.m.,Ru.t. y n. |
| - | - | - | 15.4 | 15.5 | 15.6 | | | 9.2 | Cn. m. y t., Ca. n., Z. Tv. m., Tv. t. |
| - | - | - | 15.2 | 15.5 | 15.5 | | | - 3.4 | Ca. m., Cn. t. y n., h. m., r. n. |
| - | - | - | 15.4 | 15.4 | 15.4 | | | - 1.7 | Ca. m. t. y n., r. m. y n. |
| - | - | - | 15.2 | 15.3 | 15.3 | | | - 3.7 | Ca. m. y n., Cn. t., N. m. y n. |
| - | - | - | 15.3 | 15.3 | 15.3 | | | 3.3 | Cn. m. t. y n., LL. N. m.,Ne. t., Z. n. |
| - | - | - | 15.2 | 15.2 | 15.2 | | | 8.2 | Ca. t. y n., Cn. m., N. m. t. y n.,N.t.,r. n. |
| - | - | - | 15.2 | 15.2 | 15.2 | | | 5.2 | Ca. m., Cn. t. y n. |
| - | - | - | 15.2 | 15.2 | 15.1 | | | 7.3 | Cn. m. y t., Ca. n., Ns. N. r. n. |
| - | - | - | 15.0 | 15.0 | 15.0 | | | - 2.2 | Ca. m. y n., Cn. t., N. Ne. m. |
| - | - | - | 15.1 | 15.1 | 15.1 | | | 6.7 | Cn. m. y t., Ca. n., Ne. m., N.Z.t.,N.R.n. |
| - | - | - | 15.0 | 15.0 | 15.0 | | | - 5.2 | Ca. m., Cn. t. y n., Ne. m., r. n.,ñ. m. |
| - | - | - | 14.9 | 15.0 | 15.0 | | | - 2.1 | Cn. m. y t., Ca. n. |
| - | - | - | 14.7 | 14.7 | 14.7 | | | - 6.4 | Ca. m. y n., Cn. t.,h.Ne.m., r.n., ña. m. |
| - | - | - | 14.6 | 14.6 | 14.6 | | | - 1.2 | Cn. m. t. y n., N. m.,CH.m., LL.Tv. n. |
| - | - | - | 14.5 | 14.5 | 14.5 | | | - 2.1 | Ca. m. y n., Cn. t., r. n. |
| - | - | - | 14.2 | 14.2 | 14.2 | | | -10.1 | Ca. m., Cn. t. y n., h. Ne. m., r. n. |
| - | - | - | 15.7 | 15.7 | 15.7 | - | - | 6.5 | |

## 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 | 59.9 | 65.4 | 3 | 23 | 51.4 | 2 | 5 | 12.7 | 17.3 | 8.7 | 24.8 | 1 | 14-15 | 2.2 | 10 | 7 | 2.8 | 9.9 | 28 |
| 2ª | 62.1 | 72.3 | 19 | 8 | 49.3 | 15 | 14,15 | 7.7 | 14.4 | 2.0 | 17.8 | 13 | 15 | - 4.5 | 17 | 7 | 5.7 | 9.8 | 58 |
| 3ª | 60.5 | 67.2 | 21 | 0 | 51.9 | 30 | 16,17 | 14.1 | 17.7 | 10.9 | 23.4 | 22 | 14-15 | 6.0 | 21 | 7 | 3.6 | 9.8 | 37 |
| MES | 60.8 | 72.3 | 19 | 8 | 49.3 | 15 | 14,15 | 11.5 | 16.4 | 7.2 | 24.8 | 1 | 14-15 | - 4.5 | 17 | 7 | 4.0 | 9.8 | 41 |

| 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 | 86 | 100 | varios | 41 | 10 | 9.1 | 14.3 | 5.6 | S | 9 | 72 | [illegible] | 24 | 2 | 14-15 | 49 | SW | 2 | 14.20 | 5.4 | 4.7 | 3 | - | - | - |
| 2ª | 78 | 100 | varios | 28 | 13 | 5.9 | 9.5 | 3.2 | N | 14 | 96 | 14 | 36 | 14 | 12-13 13-14 | 55 | N | 14 | 13.03 | 0.3 | 0.3 | 15 | - | - | - |
| 3ª | 86 | 100 | varios | 44 | 24 | 9.8 | 15.5 | 6.2 | E | 14 | 84 | 23 | 35 | 23 | 23-24 | 50 | SE | 25 | 15.14 | 65.2 | 31.0 | 25 | - | - | - |
| MES | 83 | 100 | varios | 28 | 13 | 8.2 | 15.5 | 3.2 | N | 17 | 96 | 14 | 36 | 14 | 12-13 13-14 | 55 | N | 14 | 13.03 | 70.9 | 31.0 | 25 | - | - | - |

## FRECUENCIAS decádicas y mensuales de hidrometeoros y otros fenómenos

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

| DÉCADA | FENÓMENOS DE SUPERFICIE | | | | | FENÓMENOS ÓPTICOS | | | | | | CIELO | | TEMPERATURAS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rocío | Escarcha | Canellada blanda | Canellada dura | Suelo cubierto de nieve | Halo solar | Halo lunar | Corona solar | Corona lunar | Arco iris | Espejismo | Despejado | Cubierto | 0° | 25° | 35° |
| 1ª | 4 | - | - | - | - | - | - | - | 1 | - | - | 1 | 7 | - | - | - |
| 2ª | 8 | 2 | - | 1 | - | - | - | - | - | - | - | 5 | 3 | 3 | - | - |
| 3ª | 4 | - | - | - | - | - | - | - | - | 1 | - | - | 8 | - | - | - |
| MES | 16 | 2 | - | 1 | - | - | - | - | 1 | 1 | - | 6 | 18 | 3 | - | - |