



UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MANIZALES



RED DE ESTACIONES METEOROLÓGICAS E HIDROMETEOROLÓGICAS TELEMÉTRICAS PARA PREVENCIÓN DE DESASTRES EN EL DEPARTAMENTO DE CALDAS

ESTACIÓN METEOROLÓGICA HOSPITAL VILLAMARÍA

JULIO DE 2011

RESUMEN DIARIO Y MENSUAL DE VARIABLES METEOROLÓGICAS

| Variables Día | Temperatura del Aire (°C) | | | V.V. (m/s) | | P.B. (HPa) | Humedad Relativa (%) | | | LI. (mm) | Radiación Solar (W/m ²) | | ET. (mm) |
|------------------|---------------------------|-------------|-------------|------------|------------|--------------|----------------------|-------------|-------------|-------------|-------------------------------------|--------------|-------------|
| | Máxima | Media | Mínima | Máxima | Media | Media | Máxima | Media | Mínima | Suma | Máxima | Media | Suma |
| 1 | 23.8 | 18.7 | 15.8 | 4.5 | 1.3 | 816.9 | 96.0 | 87.2 | 76.0 | 0.0 | 972.0 | 320.2 | 2.6 |
| 2 | 22.6 | 18.4 | 15.7 | 4.0 | 1.1 | 817.0 | 93.0 | 86.0 | 73.0 | 1.0 | 708.0 | 195.1 | 1.7 |
| 3 | 24.8 | 19.4 | 14.8 | 4.0 | 1.7 | 816.2 | 90.0 | 80.5 | 62.0 | 0.0 | 932.0 | 405.5 | 3.6 |
| 4 | 23.6 | 19.3 | 16.6 | 3.6 | 1.3 | 815.8 | 95.0 | 83.4 | 69.0 | 0.0 | 1174.0 | 282.3 | 2.4 |
| 5 | 24.4 | 19.7 | 15.4 | 4.5 | 1.4 | 816.3 | 89.0 | 80.0 | 64.0 | 0.0 | 1007.0 | 330.6 | 2.9 |
| 6 | 22.1 | 18.5 | 16.1 | 3.6 | 1.1 | 816.8 | 94.0 | 87.3 | 73.0 | 10.6 | 742.0 | 253.0 | 2.0 |
| 7 | 25.0 | 19.4 | 15.1 | 4.0 | 1.5 | 817.1 | 92.0 | 79.3 | 57.0 | 0.0 | 1039.0 | 369.5 | 3.3 |
| 8 | 24.9 | 20.0 | 16.2 | 4.0 | 1.8 | 814.9 | 87.0 | 78.2 | 55.0 | 0.0 | 962.0 | 384.1 | 3.5 |
| 9 | 24.6 | 20.2 | 16.2 | 4.5 | 1.5 | 814.8 | 87.0 | 78.6 | 62.0 | 0.0 | 981.0 | 328.0 | 3.1 |
| 10 | 24.8 | 20.2 | 16.9 | 4.0 | 1.5 | 814.8 | 88.0 | 80.3 | 62.0 | 0.0 | 1121.0 | 359.0 | 3.2 |
| 11 | 25.6 | 20.6 | 16.7 | 3.6 | 1.1 | 816.1 | 92.0 | 78.4 | 56.0 | 0.0 | 1027.0 | 393.2 | 3.5 |
| 12 | 22.3 | 19.2 | 17.2 | 3.1 | 0.7 | 817.2 | 94.0 | 85.8 | 67.0 | 3.6 | 925.0 | 254.2 | 2.2 |
| 13 | 20.4 | 17.4 | 15.8 | 3.6 | 0.6 | 818.8 | 97.0 | 92.7 | 81.0 | 2.0 | 969.0 | 193.0 | 1.4 |
| 14 | 22.1 | 17.8 | 15.6 | 4.0 | 0.8 | 819.5 | 97.0 | 88.5 | 64.0 | 5.6 | 1169.0 | 260.1 | 2.0 |
| 15 | 20.7 | 17.6 | 15.2 | 3.6 | 0.6 | 820.0 | 97.0 | 89.2 | 75.0 | 25.6 | 1176.0 | 299.4 | 2.2 |
| 16 | 24.9 | 18.9 | 15.6 | 3.6 | 1.4 | 818.0 | 94.0 | 85.0 | 62.0 | 0.0 | 1106.0 | 423.5 | 3.5 |
| 17 | 23.4 | 19.3 | 16.3 | 4.0 | 1.0 | 817.2 | 93.0 | 84.8 | 69.0 | 3.2 | 1164.0 | 267.7 | 2.5 |
| 18 | 24.5 | 20.2 | 17.1 | 3.6 | 1.1 | 816.5 | 97.0 | 83.8 | 64.0 | 0.2 | 1169.0 | 199.8 | 2.5 |
| 19 | 25.1 | 20.0 | 15.8 | 4.0 | 1.3 | 816.6 | 94.0 | 82.3 | 60.0 | 0.0 | 1160.0 | 493.0 | 3.9 |
| 20 | 24.7 | 20.0 | 17.1 | 4.9 | 1.6 | 816.0 | 87.0 | 78.9 | 61.0 | 0.0 | 1102.0 | 338.1 | 3.2 |
| 21 | 25.4 | 20.1 | 15.8 | 4.5 | 1.6 | 815.6 | 89.0 | 76.8 | 52.0 | 0.0 | 937.0 | 367.2 | 3.3 |
| 22 | 25.9 | 20.5 | 16.1 | 3.6 | 1.5 | 815.1 | 88.0 | 76.9 | 55.0 | 0.0 | 1165.0 | 443.5 | 3.8 |
| 23 | 25.4 | 20.5 | 17.7 | 4.5 | 1.2 | 815.3 | 89.0 | 79.4 | 56.0 | 0.0 | 840.0 | 294.2 | 2.7 |
| 24 | 24.1 | 19.9 | 17.0 | 4.9 | 1.9 | 816.1 | 86.0 | 76.0 | 61.0 | 0.0 | 714.0 | 250.5 | 2.5 |
| 25 | 25.5 | 20.4 | 16.3 | 4.5 | 1.7 | 815.1 | 86.0 | 75.0 | 55.0 | 0.0 | 1078.0 | 357.1 | 3.3 |
| 26 | 24.8 | 20.2 | 17.4 | 3.6 | 1.3 | 814.3 | 88.0 | 79.7 | 63.0 | 0.0 | 1160.0 | 306.2 | 2.8 |
| 27 | 24.2 | 20.0 | 17.2 | 4.0 | 1.2 | 815.0 | 87.0 | 79.5 | 60.0 | 0.0 | 977.0 | 285.9 | 2.6 |
| 28 | 22.2 | 18.7 | 16.7 | 3.6 | 0.8 | 816.1 | 96.0 | 87.0 | 70.0 | 3.0 | 949.0 | 227.1 | 1.9 |
| 29 | 19.6 | 16.8 | 15.5 | 3.1 | 0.6 | 818.4 | 97.0 | 93.6 | 85.0 | 11.8 | 671.0 | 175.9 | 1.3 |
| 30 | 19.8 | 17.2 | 15.3 | 3.6 | 0.9 | 819.0 | 95.0 | 92.3 | 87.0 | 2.0 | 624.0 | 253.7 | 1.8 |
| 31 | 21.4 | 18.1 | 15.4 | 4.5 | 0.9 | 818.4 | 97.0 | 87.3 | 74.0 | 0.0 | 1165.0 | 310.4 | 2.4 |
| MENSUAL | 25.9 | 19.3 | 14.8 | 4.9 | 1.2 | 816.6 | 97.0 | 83.0 | 52.0 | 68.6 | 1176.0 | 310.4 | 83.4 |

Convenciones: V.V.: Velocidad del Viento P.B.: Presión Barométrica LI.: Lluvia diaria ET.: Evapotranspiración. Nota: Datos resaltados en rojo están incompletos.