



# 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 DE VILLAMARÍA

DICIEMBRE 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 <sup>2</sup> )		ET. (mm)
	Máxima	Media	Mínima	Máxima	Media	Media	Máxima	Media	Mínima	Suma	Máxima	Media	Suma
1	21.6	17.8	15.7	3.6	1.0	817.7	97.0	91.1	82.0	5.2	1083.0	256.1	1.8
2	23.3	18.6	15.1	5.4	1.3	817.2	95.0	87.2	73.0	3.8	1121.0	315.0	2.4
3	21.4	18.2	15.7	3.6	0.9	817.0	94.0	89.3	80.0	0.2	1229.0	296.7	2.1
4	20.3	17.8	16.3	4.0	0.4	815.8	97.0	92.4	85.0	35.2	1121.0	140.9	1.0
5	22.3	17.9	16.1	4.0	0.6	815.5	98.0	92.4	75.0	20.2	1063.0	280.8	2.2
6	19.8	17.4	16.2	3.1	0.5	816.2	98.0	93.7	83.0	0.8	773.0	172.9	1.2
7	20.0	17.3	15.5	3.6	0.5	817.2	96.0	92.2	83.0	10.8	610.0	192.1	1.2
8	22.6	17.7	15.7	2.2	0.4	817.5	98.0	92.4	75.0	1.0	557.0	215.3	1.5
9	23.6	19.1	15.8	3.6	1.1	815.8	95.0	86.2	72.0	0.0	974.0	392.0	3.0
10	24.1	19.2	15.3	3.6	1.2	815.6	92.0	84.6	68.0	0.0	1078.0	343.4	2.7
11	23.4	18.7	16.6	3.1	0.7	815.5	94.0	86.9	71.0	4.4	1136.0	322.6	2.4
12	20.9	18.1	16.2	3.6	0.5	816.8	95.0	90.4	78.0	0.0	735.0	233.6	1.6
13	21.9	18.5	16.4	3.1	0.5	816.7	97.0	90.1	78.0	15.2	1223.0	258.9	1.9
14	21.6	17.5	16.1	4.0	0.5	816.8	97.0	93.7	80.0	38.2	1136.0	218.9	1.6
15	20.2	17.5	15.9	3.1	0.4	817.1	98.0	93.9	86.0	5.0	471.0	165.0	1.1
16	19.1	17.3	16.6	3.1	0.3	817.9	98.0	95.7	90.0	9.0	686.0	164.8	1.0
17	22.4	18.3	15.9	3.6	0.6	817.7	98.0	91.1	76.0	0.4	967.0	260.1	2.0
18	22.5	18.4	15.9	4.5	0.6	817.1	96.0	90.0	75.0	3.4	1042.0	270.5	2.0
19	20.8	17.5	15.9	4.0	0.5	817.1	98.0	94.4	86.0	4.2	1074.0	174.8	1.2
20	23.3	18.6	15.9	3.6	1.0	815.9	97.0	87.0	69.0	0.2	1078.0	293.7	2.3
21	23.7	19.2	15.5	4.0	1.4	814.4	92.0	83.5	71.0	0.0	1085.0	364.1	3.1
22	25.1	19.8	16.1	4.0	1.6	814.0	88.0	80.9	65.0	0.0	937.0	499.1	4.0
23	24.7	20.0	16.7	4.0	1.2	814.3	93.0	81.6	64.0	0.8	1013.0	426.4	3.4
24	24.4	20.2	16.8	4.9	0.9	814.7	94.0	84.0	72.0	0.0	1160.0	412.0	3.1
25	25.5	20.2	16.7	4.0	1.2	814.7	96.0	82.3	64.0	0.0	1167.0	421.0	3.4
26	24.2	19.7	16.7	4.5	1.1	815.3	90.0	82.8	66.0	0.0	1071.0	312.8	2.7
27	24.9	20.3	17.1	3.6	1.2	816.2	88.0	81.2	66.0	0.0	1113.0	381.0	3.2
28	24.6	20.1	16.9	4.0	1.2	816.2	89.0	81.1	67.0	0.0	872.0	314.4	2.7
29	24.3	19.5	16.7	4.0	1.6	816.0	88.0	82.1	71.0	0.0	1151.0	348.3	3.0
30	23.1	19.4	17.3	4.0	1.0	816.0	93.0	86.4	76.0	0.0	932.0	286.4	2.3
31	24.9	20.1	16.4	4.5	1.4	814.8	98.0	80.5	61.0	0.0	1081.0	417.1	3.4
<b>MENSUAL</b>	<b>25.5</b>	<b>18.7</b>	<b>15.1</b>	<b>5.4</b>	<b>0.9</b>	<b>816.1</b>	<b>98.0</b>	<b>87.8</b>	<b>61.0</b>	<b>158.0</b>	<b>1229.0</b>	<b>295.2</b>	<b>70.4</b>

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