



# UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MANIZALES



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

## ESTACIÓN METEOROLÓGICA MARULANDA

OCTUBRE 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	16.2	11.8	8.9	9.4	2.6	808.2	99.0	92.6	72.0	4.0	1332.0	335.1	2.4
2	15.4	11.7	10.3	8.5	2.9	809.3	100.0	93.8	76.0	4.8	1387.0	399.2	2.8
3	16.8	12.0	9.7	11.2	3.3	809.2	99.0	89.2	57.0	6.0	1211.0	619.3	4.5
4	14.1	10.6	8.3	5.8	1.3	809.8	100.0	97.0	84.0	1.2	664.0	205.9	1.3
5	15.9	11.4	8.7	5.8	1.2	809.5	100.0	94.8	76.0	3.6	1383.0	298.3	2.0
6	15.4	12.1	10.2	6.3	1.1	808.2	100.0	95.6	84.0	13.4	1361.0	271.9	1.8
7	16.1	12.4	9.7	7.6	1.9	807.8	100.0	94.0	72.0	22.6	1264.0	401.8	2.8
8	15.3	11.8	9.8	6.7	1.8	807.9	99.0	94.9	82.0	9.0	940.0	307.4	2.1
9	14.9	11.9	9.7	7.6	1.7	808.5	99.0	94.3	81.0	1.4	1394.0	342.6	2.2
10	15.2	11.7	10.1	6.7	1.8	809.3	100.0	95.8	78.0	3.2	1382.0	391.0	2.5
11	15.1	11.9	10.4	6.7	1.6	809.4	100.0	96.8	81.0	3.0	1336.0	321.8	2.1
12	12.7	10.8	9.2	7.2	2.6	810.1	100.0	98.6	86.0	23.6	394.0	182.7	1.1
13	15.0	11.5	8.7	6.3	2.0	809.4	100.0	93.9	79.0	12.6	1394.0	474.4	3.1
14	13.7	10.7	8.9	13.4	2.9	808.5	100.0	96.3	88.0	18.0	1339.0	321.0	2.1
15	12.7	10.8	9.3	6.3	2.4	810.1	100.0	95.3	86.0	27.6	768.0	317.1	2.0
16	12.7	10.6	8.8	6.3	2.0	810.0	100.0	96.3	89.0	14.4	1171.0	202.3	1.3
17	11.4	9.8	8.6	8.5	3.6	809.9	100.0	99.5	94.0	23.2	919.0	190.3	1.1
18	10.7	9.6	8.8	7.2	2.9	811.4	100.0	99.6	96.0	16.4	422.0	160.8	1.0
19	13.1	9.6	7.2	7.6	3.7	813.1	100.0	85.6	56.0	1.2	1471.0	607.2	4.2
20	11.8	9.1	7.6	6.7	3.5	813.6	99.0	84.3	54.0	0.0	1325.0	411.0	3.0
21	12.5	9.7	7.6	7.2	3.2	812.2	100.0	85.8	57.0	0.0	1383.0	353.5	3.0
22	13.6	11.7	9.6	8.0	2.9	810.1	99.0	81.8	55.0	0.0	1230.0	400.2	4.6
23	14.1	10.9	8.4	8.0	2.8	809.9	100.0	95.1	80.0	0.0	1528.0	435.3	2.9
24	15.2	10.8	8.4	8.5	3.2	810.0	100.0	91.6	64.0	1.6	1531.0	458.4	3.2
25	14.1	11.0	8.3	5.8	1.7	808.8	100.0	96.3	85.0	7.6	1376.0	370.7	2.4
26	15.2	11.8	8.1	8.9	2.5	806.8	100.0	91.8	77.0	2.4	1385.0	472.0	3.4
27	15.8	12.3	8.2	13.0	4.2	805.8	100.0	89.7	66.0	0.0	1209.0	632.2	4.6
28	14.7	11.6	9.9	7.2	2.6	806.8	100.0	94.5	81.0	8.6	1158.0	345.3	2.3
29	14.7	11.5	10.2	8.0	1.7	807.8	100.0	95.6	81.0	8.6	1223.0	360.8	2.4
30	14.0	10.8	8.4	7.6	2.2	808.9	100.0	92.6	74.0	5.8	1216.0	339.8	2.3
31	15.2	11.5	8.2	11.2	4.4	809.1	100.0	85.5	56.0	0.0	1136.0	680.3	5.2
<b>MENSUAL</b>	<b>16.8</b>	<b>11.1</b>	<b>7.2</b>	<b>13.4</b>	<b>2.5</b>	<b>809.3</b>	<b>100.0</b>	<b>93.2</b>	<b>54.0</b>	<b>243.8</b>	<b>1531.0</b>	<b>374.5</b>	<b>81.6</b>

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