



# 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

NOVIEMBRE 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	14.9	11.5	8.6	9.8	4.6	808.2	100.0	90.9	72.0	0.0	1301.0	624.3	4.4
2	16.5	12.0	8.5	9.4	3.6	808.1	100.0	92.1	72.0	6.8	1234.0	578.4	4.0
3	16.7	12.3	10.9	9.8	3.3	807.9	100.0	95.4	71.0	1.0	875.0	328.3	2.3
4	15.3	11.8	8.5	8.5	1.6	808.4	100.0	95.3	78.0	14.6	1376.0	277.7	2.0
5	15.7	12.1	9.7	7.6	2.4	807.7	100.0	95.0	78.0	1.2	1375.0	416.3	2.8
6	15.9	11.9	8.7	6.7	2.0	808.2	100.0	94.9	77.0	2.8	1327.0	339.8	2.3
7	15.8	12.2	8.6	6.7	1.7	807.6	100.0	93.6	75.0	1.2	1397.0	445.4	3.0
8	12.0	10.9	10.1	6.3	2.2	808.2	100.0	99.2	95.0	15.2	446.0	196.6	1.2
9	14.5	11.7	9.6	7.2	1.8	809.0	100.0	95.8	81.0	3.4	984.0	356.8	2.3
10	13.9	11.2	7.8	4.9	1.5	808.5	100.0	97.3	86.0	22.2	909.0	318.0	2.0
11	14.7	11.2	9.9	4.9	1.5	808.8	100.0	98.3	86.0	12.0	1274.0	224.0	1.5
12	13.7	10.9	9.3	5.4	1.9	809.4	100.0	98.8	85.0	18.0	765.0	232.6	1.5
13	12.7	10.8	8.9	4.9	1.3	809.8	100.0	96.7	87.0	13.2	1011.0	253.4	1.7
14	14.2	11.0	8.6	5.8	1.3	809.0	100.0	97.0	86.0	1.6	1336.0	338.7	2.2
15	16.0	11.5	8.3	6.3	1.5	808.2	100.0	95.3	72.0	5.8	1308.0	301.1	2.0
16	13.3	10.7	7.9	5.4	1.6	808.3	100.0	96.1	85.0	5.2	1209.0	265.1	1.7
17	14.1	11.2	9.5	7.2	2.6	808.2	100.0	96.7	84.0	22.2	1355.0	419.4	2.6
18	13.2	10.7	9.4	6.7	2.9	808.8	100.0	98.6	93.0	24.8	1352.0	311.0	1.9
19	13.6	10.7	8.4	5.4	1.9	809.8	100.0	97.2	83.0	10.8	1021.0	243.9	1.6
20	12.2	10.8	9.8	4.9	1.6	809.5	100.0	98.6	95.0	8.8	631.0	201.1	1.2
21	13.8	10.8	9.0	6.7	1.8	809.5	100.0	94.6	85.0	4.6	1239.0	300.4	1.9
22	14.4	10.8	8.1	4.9	1.4	810.2	100.0	97.5	82.0	15.6	846.0	248.9	1.4
23	14.9	11.3	8.2	6.7	1.7	810.3	100.0	96.2	79.0	10.2	1299.0	366.5	2.4
24	13.7	11.1	8.3	6.7	1.5	810.5	100.0	97.0	85.0	2.6	983.0	290.8	1.8
25	14.8	11.0	8.3	7.6	2.0	809.7	100.0	96.1	77.0	1.0	1459.0	386.6	2.4
26	13.9	11.3	7.6	5.4	1.3	808.7	100.0	97.7	88.0	0.4	789.0	239.6	1.7
27	14.8	11.4	8.8	6.3	1.4	806.9	100.0	96.5	84.0	1.8	1179.0	304.2	2.0
28	13.2	11.0	8.2	7.6	2.5	807.3	100.0	98.0	90.0	12.4	963.0	294.2	1.9
29	12.9	10.7	9.7	5.8	2.5	808.7	100.0	99.9	98.0	9.0	963.0	195.4	1.3
30	12.9	10.9	9.7	8.9	2.5	808.7	100.0	99.2	92.0	28.0	740.0	248.9	1.5
<b>MENSUAL</b>	<b>16.7</b>	<b>11.2</b>	<b>7.6</b>	<b>9.8</b>	<b>2.0</b>	<b>808.7</b>	<b>100.0</b>	<b>96.5</b>	<b>71.0</b>	<b>276.4</b>	<b>1459.0</b>	<b>318.2</b>	<b>62.2</b>

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