

UNIVERSIDAD NACIONAL DE COLOMBIA SEDE MANIZALES



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

ESTACIÓN HIDROMETEOROLÓGICA QUEBRADA OLIVARES - EL POPAL

NOVIEMBRE DE 2011

RESUMEN DIARIO Y MENSUAL DE VARIABLES HIDROMETEOROLÓGICAS

√ Variables	Temperatura del Aire (℃)			Ll. (mm) Nivel (m)				Gráficas
Día	Máxima	Media	Mínima	Suma	Máximo	Medio	Mínimo	
1	28.88	16.57	9.58	0.00	0.66	0.62	0.59	
2	29.25	18.14	11.79	0.20	0.63	0.62	0.60	Limnigrama-hietograma mensual
3	25.70	17.15	13.08	0.00	0.63	0.61	0.59	1.4
4	29.47	17.80	11.04	16.60	0.74	0.61	0.57	1.2
5	29.63	17.22	11.31	2.20	0.98	0.64	0.59	10
6	27.26	16.64	12.06	0.20	0.65	0.62	0.60	0.8 0.6 30 ion de
7	26.34	15.77	11.41	22.80	0.82	0.64	0.59	30 00
8	17.83	14.87	13.46	19.20	0.70	0.65	0.60	N 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0.6 - 10 0
9	23.59	16.34	12.28	2.40	0.67	0.63	0.60	0.4
10	23.32	16.30	12.92	23.60	0.94	0.68	0.60	0.2 -
11	18.96	14.97	12.60	11.20	0.72	0.67	0.63	0.0
12	15.72	14.19	12.65	56.20	1.03	0.86	0.67	1100 1100 1100 1111 1111 1111 1111 111
13	28.71	16.01	11.36	1.80	0.87	0.77	0.70	Tiempo (días)
14	30.39	17.34	10.98	0.20	0.78	0.71	0.65	
15	26.88	15.77	11.36	1.80	0.83	0.70	0.65	Precipitación — Nivel máximo — Nivel medio — Nivel mínimo
16	25.70	15.23	11.31	3.00	0.76	0.68	0.65	
17	27.37	16.40	11.36	25.00	1.21	0.73	0.63	
18	26.99	16.36	12.87	40.20	1.07	0.81	0.69	Temperatura mensual
19	27.48	16.35	10.82	29.00	1.25	0.80	0.70	
20	20.04	15.08	13.08	14.40	0.81	0.77	0.74	$ \begin{bmatrix} 0 \\ 30 \end{bmatrix} $
21	28.82	17.23	10.87	11.00	1.23	0.81	0.67	
22	23.70	15.08	12.06	17.20	1.25	0.81	0.72	
23	27.04	15.99	11.04	4.00	0.85	0.78	0.74	te 15
24	19.12	14.58	11.36	8.20	0.82	0.75	0.71	a 10 -
25	25.05	15.45	9.85	0.60	0.77	0.72	0.70	(C) 30
26	23.43	14.91	10.87	2.00	0.73	0.69	0.67	1 2 2 4 4 8 9 7 8 8 6 0 11 2 11 4 1 4 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1
27	25.53	14.67	11.09	10.40	0.80	0.69	0.65	
28	23.76	16.03	11.20	48.80	1.11	0.73	0.63	Tiempo (días)
29	21.87	14.68	12.44	14.80	0.92	0.73	0.66	— Temperatura máxima — Temperatura media — Temperatura mínima
30	26.77	16.16	12.54	24.60	1.24	0.75	0.64	15 Parada mada Temperatan mada
MENSUAL	30.39	15.98	9.58	411.60	1.25	0.71	0.57	

Convenciones: Ll.: Lluvia diaria. Nota: Los datos resaltados en rojo están incompletos