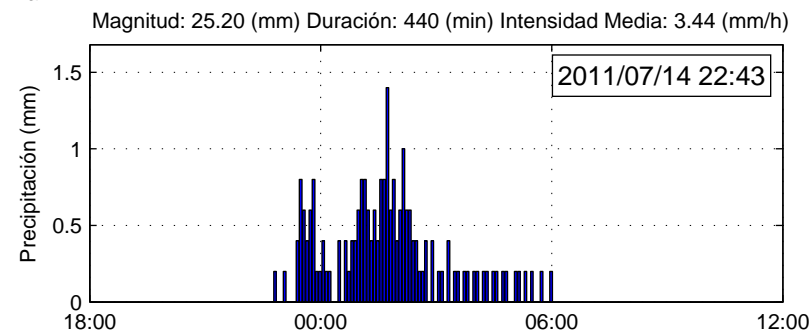
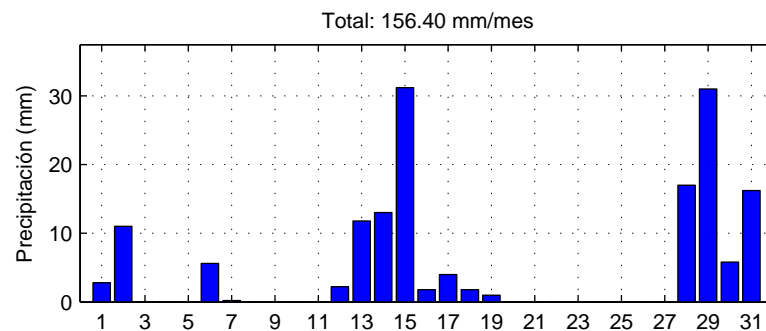
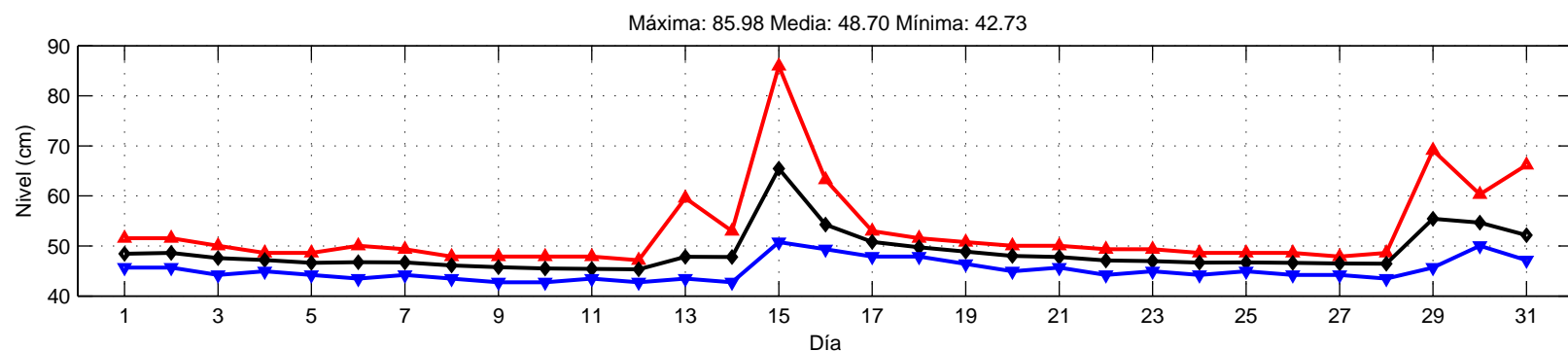
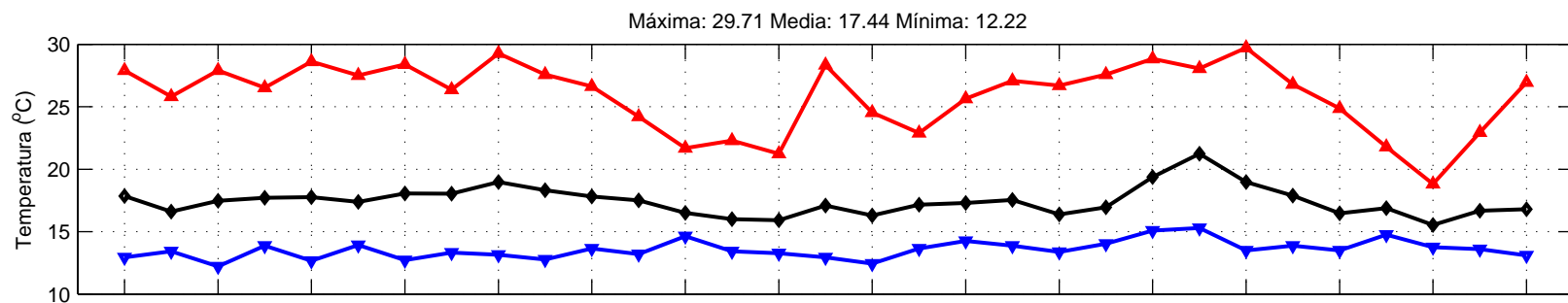


Estación: El Cedral
Fecha: Julio de 2011
Registros: 31 de 31

Reporte hidroclimatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1	27.90	17.86	12.94	51.53	48.45	45.66	2.80
2	25.81	16.61	13.43	51.53	48.61	45.66	11.00
3	27.90	17.47	12.22	50.06	47.57	44.20	0.00
4	26.52	17.71	13.87	48.60	47.18	44.93	0.00
5	28.61	17.77	12.66	48.60	46.61	44.20	0.00
6	27.51	17.39	13.93	50.06	46.75	43.47	5.60
7	28.39	18.06	12.72	49.33	46.71	44.20	0.20
8	26.36	18.04	13.32	47.86	46.12	43.47	0.00
9	29.27	18.98	13.16	47.86	45.76	42.73	0.00
10	27.57	18.31	12.77	47.86	45.53	42.73	0.00
11	26.63	17.82	13.65	47.86	45.40	43.47	0.00
12	24.21	17.50	13.21	47.13	45.35	42.73	2.20
13	21.68	16.50	14.64	59.59	47.82	43.47	11.80
14	22.29	16.01	13.43	52.99	47.79	42.73	13.00
15	21.24	15.92	13.27	85.98	65.44	50.79	31.20
16	28.34	17.09	12.94	63.26	54.26	49.33	1.80
17	24.54	16.29	12.44	52.99	50.81	47.86	4.00
18	22.89	17.16	13.65	51.53	49.74	47.86	1.80
19	25.64	17.29	14.26	50.79	48.89	46.40	1.00
20	27.07	17.54	13.87	50.06	47.99	44.93	0.00
21	26.69	16.38	13.38	50.06	47.78	45.66	0.00
22	27.57	16.95	14.04	49.33	47.11	44.20	0.00
23	28.83	19.38	15.08	49.33	46.96	44.93	0.00
24	28.06	21.24	15.30	48.60	46.66	44.20	0.00
25	29.71	18.96	13.49	48.60	46.72	44.93	0.00
26	26.80	17.88	13.87	48.60	46.64	44.20	0.00
27	24.87	16.48	13.49	47.86	46.51	44.20	0.00
28	21.79	16.88	14.75	48.60	46.44	43.47	17.00
29	18.82	15.53	13.76	69.12	55.42	45.66	31.00
30	22.95	16.68	13.60	60.32	54.66	50.06	5.80
31	26.96	16.80	13.10	66.19	52.16	47.13	16.20
TOTAL							156.40
PROM	25.92	17.44	13.56	52.97	48.70	45.14	5.05

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: El Cedral
Fecha: Julio de 2011
Registros: 31 de 31

Reporte climatológico mensual
 Red Hidroclimatológica del Departamento de Risaralda
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Día	Lluvias por intensidad				Lluvias por jornada				CLL	PT (mm)	DP		DM (min)	MM (mm)	IMM (mm/h)	IM5 (mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)				
1	0	1	1	0	2	0	0	0	2	2.80	0.67	2.78	50.00	2.60	2.84	9.60
2	1	3	3	0	0	2	4	1	7	11.00	2.00	8.33	30.00	4.20	7.20	19.20
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	1	1	1	1	0	2	0	3	5.60	1.25	5.21	60.00	4.80	4.43	7.20
7	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	1	1	0	0	0	2	0	2	2.20	0.50	2.08	45.00	2.00	2.40	7.20
13	0	2	9	0	6	1	2	2	11	11.80	3.92	16.32	120.00	3.60	1.73	7.20
14	0	2	2	2	1	1	1	3	6	13.00	3.25	13.54	105.00	5.20	2.84	9.60
15	0	2	2	0	1	1	2	0	4	31.20	6.00	25.00	360.00	20.80	3.42	16.80
16	0	0	2	0	1	0	1	0	2	1.80	0.50	2.08	45.00	1.60	1.92	7.20
17	0	1	0	0	0	0	1	0	1	4.00	0.67	2.78	55.00	4.00	4.00	9.60
18	0	0	6	1	1	2	3	1	7	1.80	0.67	2.78	10.00	0.40	1.60	4.80
19	0	0	2	0	2	0	0	0	2	1.00	0.42	1.74	30.00	0.80	1.37	2.40
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	4	3	0	0	2	3	2	7	17.00	4.25	17.71	135.00	7.00	3.00	12.00
29	0	2	7	1	4	2	3	1	10	31.00	7.08	29.51	290.00	14.00	2.85	16.80
30	0	0	9	2	7	3	0	1	11	5.80	2.42	10.07	75.00	1.40	1.05	2.40
31	1	0	1	0	0	1	1	0	2	16.20	1.50	6.25	95.00	16.00	9.60	45.60
MAX	1	4	9	2	7	3	4	3	11	31.20	7.08	29.51	360.00	20.80	9.60	45.60
TOTAL	2	19	50	7	27	15	25	11	78	156.40	35.17	4.73				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
M	Moderada	$2.5 \text{ (mm/h)} < \text{intensidad} \leq 7.6 \text{ (mm/h)}$
L	Ligera	$1.0 \text{ (mm/h)} < \text{intensidad} \leq 2.5 \text{ (mm/h)}$
LL	Llovizna	$1.0 \text{ (mm/h)} \geq \text{intensidad}$

Md	Madrugada	00:00 - 05:59
Mñ	Mañana	06:00 - 11:59
T	Tarde	12:00 - 17:59
N	Noche	18:00 - 23:59

CLL	Cantidad de Lluvias
PT	Precipitación total (mm)
DP	Duración precipitación diaria
DM	Duración máxima lluvia aislada (min)
MM	Magnitud máx. lluvia aislada (mm)
IMM	Intensidad media máxima (mm/h)
IM5	Intensidad máx. en 5 minutos (mm/h)

Cuadro 2: Convenciones y Unidades