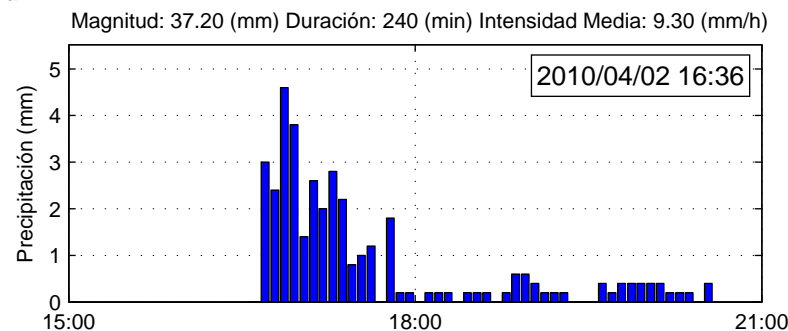
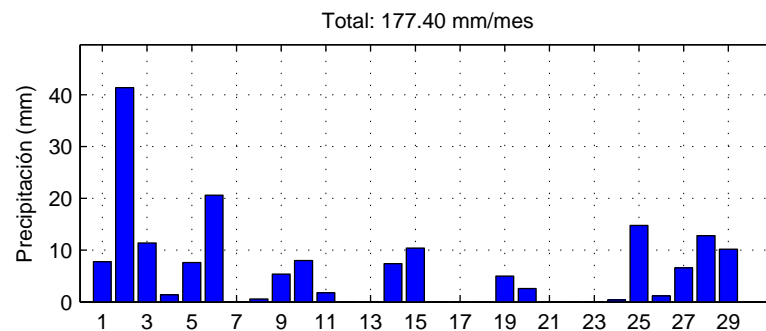
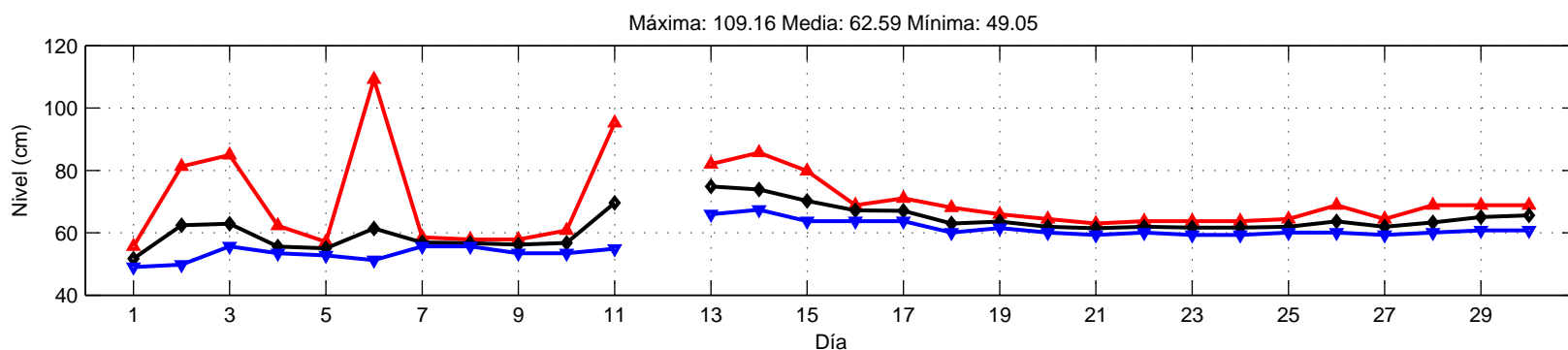
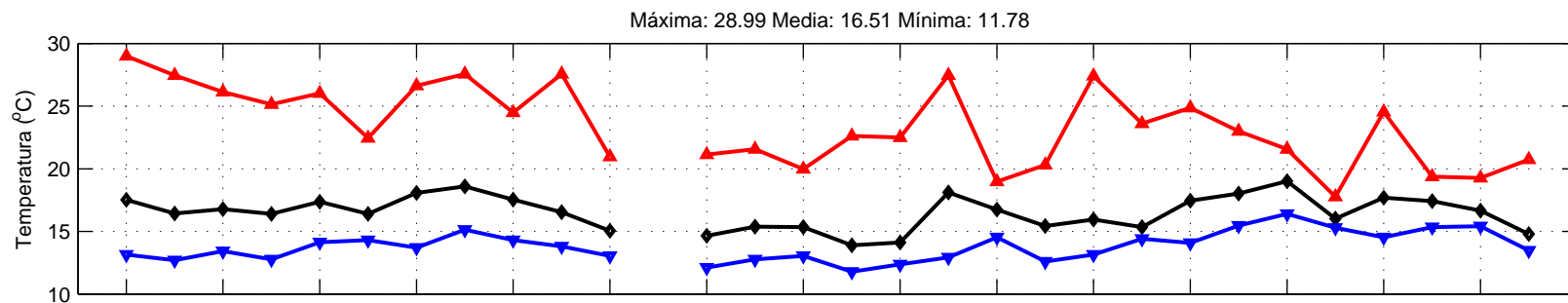


Estación: El Cedral
Fecha: Abril de 2010
Registros: 29 de 30

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	28.99	17.52	13.15	55.65	51.73	49.05	7.80
2	27.45	16.43	12.71	81.30	62.40	49.78	41.40
3	26.13	16.78	13.43	84.97	62.93	55.65	11.40
4	25.14	16.39	12.77	62.25	55.58	53.45	1.40
5	26.02	17.36	14.14	57.12	55.05	52.72	7.60
6	22.45	16.39	14.31	109.16	61.39	51.25	20.60
7	26.63	18.08	13.70	58.58	56.87	55.65	0.00
8	27.56	18.59	15.13	57.85	56.67	55.65	0.60
9	24.48	17.53	14.31	57.85	56.19	53.45	5.40
10	27.56	16.54	13.81	60.78	56.72	53.45	8.00
11	20.96	15.05	13.04	95.23	69.60	54.92	1.80
12							
13	21.13	14.66	12.11	82.04	74.89	65.91	0.00
14	21.57	15.39	12.77	85.70	73.90	67.38	7.40
15	19.97	15.34	13.04	79.84	70.22	63.71	10.40
16	22.61	13.90	11.78	68.84	67.18	63.71	0.00
17	22.50	14.12	12.38	71.04	67.01	63.71	0.00
18	27.45	18.10	12.93	68.11	63.00	60.05	0.00
19	18.98	16.74	14.53	65.91	63.57	61.51	5.00
20	20.30	15.42	12.60	64.45	61.95	60.05	2.60
21	27.40	15.95	13.15	62.98	61.49	59.31	0.00
22	23.60	15.34	14.42	63.71	61.93	60.05	0.00
23	24.87	17.45	14.09	63.71	61.69	59.31	0.00
24	23.00	18.03	15.46	63.71	61.66	59.31	0.40
25	21.57	19.00	16.40	64.45	61.91	60.05	14.80
26	17.77	16.03	15.30	68.84	63.64	60.05	1.20
27	24.54	17.70	14.53	64.45	61.92	59.31	6.60
28	19.37	17.41	15.35	68.84	63.32	60.05	12.80
29	19.26	16.66	15.41	68.84	65.06	60.78	10.20
30	20.74	14.79	13.48	68.84	65.61	60.78	0.00
TOTAL							177.40
PROM	23.45	16.51	13.80	69.83	62.59	58.28	6.12

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: El Cedral
Fecha: Abril de 2010
Registros: 29 de 30

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	1	0	0	0	0	0	1	0	1	7.80	0.42	1.74	30.00	7.80	13.37	43.20
2	2	0	0	0	0	0	2	0	2	41.40	3.33	13.89	240.00	37.20	9.11	55.20
3	1	0	1	0	0	0	1	1	2	11.40	1.42	5.90	75.00	10.40	7.80	33.60
4	0	1	1	0	0	0	2	0	2	1.40	0.33	1.39	20.00	1.00	2.40	4.80
5	0	1	8	0	5	0	3	1	9	7.60	1.67	6.94	70.00	4.80	3.84	14.40
6	0	1	4	0	2	0	1	2	5	20.60	2.75	11.46	140.00	17.20	7.12	100.80
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	0	2	0	0	1	0	1	2	0.60	0.25	1.04	20.00	0.40	0.96	2.40
9	0	1	0	1	0	0	2	0	2	5.40	1.42	5.90	75.00	4.40	3.30	9.60
10	1	0	1	0	0	1	1	0	2	8.00	0.42	1.74	40.00	7.80	10.40	52.80
11	0	0	3	1	2	0	2	0	4	1.80	0.67	2.78	60.00	0.80	0.74	2.40
12																
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	1	4	0	1	1	0	3	5	7.40	2.17	9.03	115.00	6.20	3.10	7.20
15	0	1	3	1	0	2	3	0	5	10.40	2.08	8.68	95.00	7.80	4.68	21.60
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	5	1	1	2	2	1	6	5.00	2.00	8.33	135.00	2.60	1.11	2.40
20	0	0	1	0	0	0	1	0	1	2.60	0.58	2.43	65.00	2.60	2.23	12.00
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	2	0	0	0	1	1	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
25	0	4	0	0	0	0	3	1	4	14.80	1.50	6.25	95.00	6.60	3.96	57.60
26	0	0	2	0	0	1	0	1	2	1.20	0.42	1.74	35.00	0.80	1.20	4.80
27	1	1	3	0	1	0	4	0	5	6.60	0.83	3.47	35.00	5.20	7.80	26.40
28	0	1	3	0	1	1	1	1	4	12.80	2.25	9.38	115.00	9.60	4.80	21.60
29	0	1	0	0	0	1	0	0	1	10.20	2.17	9.03	215.00	10.20	2.78	19.20
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	2	4	8	1	5	2	4	3	9	41.40	3.33	13.89	240.00	37.20	13.37	100.80
TOTAL	6	13	43	4	13	10	30	13	66	177.40	26.83	3.73				

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