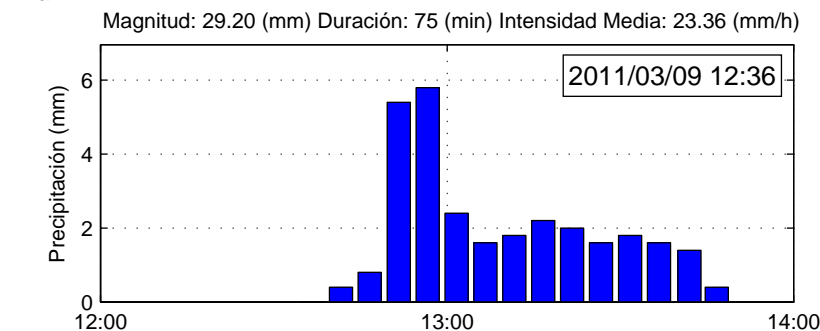
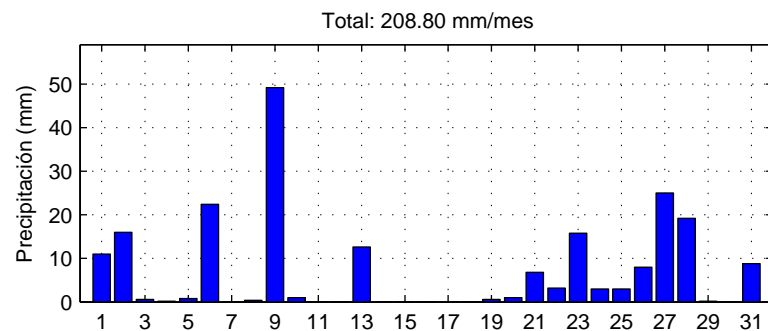
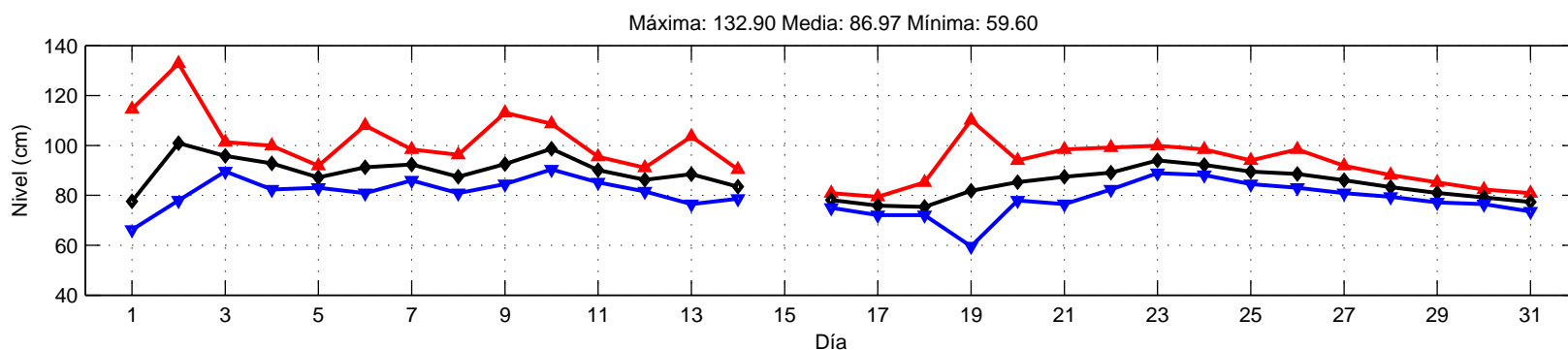
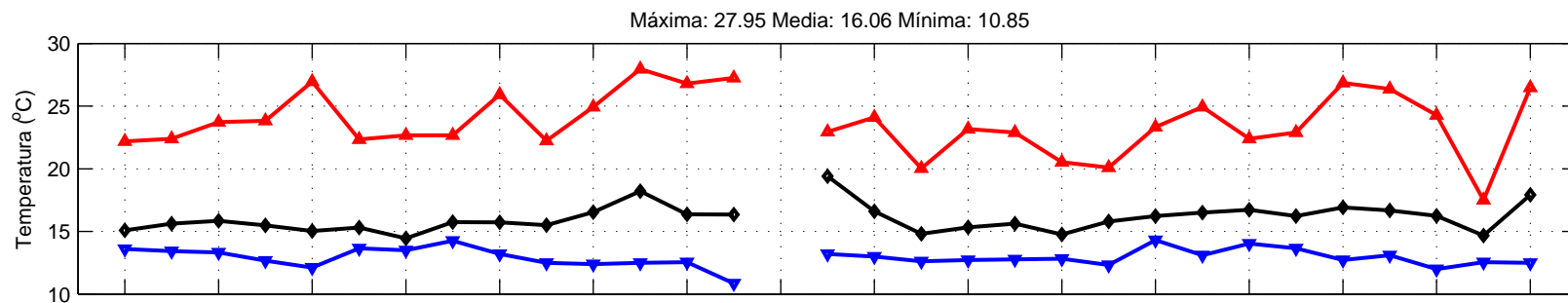


Estación: El Cedral
Fecha: Marzo de 2011
Registros: 30 de 31

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	22.18	15.09	13.60	114.57	77.60	66.19	11.00
2	22.40	15.62	13.43	132.90	100.93	77.92	16.00
3	23.72	15.84	13.32	101.38	95.85	89.65	0.60
4	23.83	15.49	12.66	99.91	92.78	82.32	0.20
5	26.96	15.04	12.11	91.85	87.21	83.05	0.80
6	22.34	15.31	13.65	107.97	91.23	80.85	22.40
7	22.67	14.45	13.49	98.45	92.37	85.98	0.00
8	22.67	15.73	14.26	96.25	87.49	80.85	0.40
9	25.92	15.72	13.21	113.10	92.59	84.52	49.20
10	22.23	15.50	12.50	108.71	98.64	90.38	1.00
11	24.93	16.54	12.39	95.51	90.09	85.25	0.00
12	27.95	18.22	12.50	91.12	86.22	81.59	0.00
13	26.80	16.37	12.55	103.58	88.50	76.46	12.60
14	27.24	16.35	10.85	90.38	83.47	78.65	0.00
15							
16	22.95	19.41	13.21	80.85	78.12	74.99	0.00
17	24.10	16.60	12.99	79.39	75.84	72.06	0.00
18	20.03	14.81	12.61	85.25	75.34	72.06	0.00
19	23.17	15.33	12.72	110.17	81.87	59.60	0.60
20	22.89	15.63	12.77	94.05	85.26	77.92	1.00
21	20.53	14.76	12.83	98.45	87.44	76.46	6.80
22	20.09	15.80	12.33	99.18	89.09	82.32	3.20
23	23.33	16.23	14.31	99.91	94.03	88.92	15.80
24	24.93	16.50	13.10	98.45	92.22	88.18	3.00
25	22.40	16.72	14.04	94.05	89.52	84.52	3.00
26	22.89	16.22	13.65	98.45	88.59	83.05	8.00
27	26.85	16.92	12.72	91.85	86.03	80.85	25.00
28	26.36	16.68	13.10	88.18	83.34	79.39	19.20
29	24.27	16.25	12.00	85.25	80.98	77.19	0.20
30	17.50	14.68	12.55	82.32	79.19	76.46	0.00
31	26.47	17.92	12.50	80.85	77.32	73.52	8.80
TOTAL							208.80
PROM	23.69	16.06	12.93	97.08	86.97	79.70	6.96

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: El Cedral
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Reporte climatológico mensual
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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	2	1	1	1	1	1	4	11.00	1.67	6.94	150.00	10.00	3.87	26.40
2	1	2	3	1	5	1	1	0	7	16.00	1.92	7.99	70.00	10.60	8.48	48.00
3	0	0	3	0	1	1	1	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
4	0	0	1	0	0	0	0	1	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
5	0	0	1	1	1	0	0	1	2	0.80	0.33	1.39	15.00	0.40	1.20	2.40
6	1	3	1	0	1	0	4	0	5	22.40	3.67	15.28	120.00	10.80	5.18	19.20
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	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
9	2	3	5	1	4	2	3	2	11	49.20	6.08	25.35	75.00	29.20	21.90	69.60
10	0	0	5	0	2	3	0	0	5	1.00	0.42	1.74	10.00	0.20	0.80	2.40
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	1	0	0	0	0	1	0	1	12.60	1.25	5.21	105.00	12.60	6.87	52.80
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15																
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	2	0	0	0	2	0	2	0.60	0.25	1.04	15.00	0.40	1.20	2.40
20	0	0	2	1	0	0	1	2	3	1.00	0.33	1.39	10.00	0.40	1.60	4.80
21	0	0	1	0	0	0	1	0	1	6.80	1.50	6.25	170.00	6.80	2.33	9.60
22	0	0	6	0	0	2	1	3	6	3.20	1.17	4.86	90.00	1.80	1.14	4.80
23	0	2	2	2	3	0	2	1	6	15.80	4.00	16.67	265.00	12.80	2.84	12.00
24	0	1	1	0	0	0	2	0	2	3.00	0.58	2.43	40.00	2.40	3.20	16.80
25	0	0	4	0	2	0	1	1	4	3.00	1.08	4.51	75.00	1.60	1.20	4.80
26	0	1	1	0	1	0	1	0	2	8.00	1.17	4.86	110.00	7.80	4.07	28.80
27	1	0	1	0	0	0	2	0	2	25.00	1.08	4.51	85.00	24.80	16.53	67.20
28	1	0	2	0	0	1	2	0	3	19.20	1.25	5.21	80.00	18.80	13.27	48.00
29	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	1	0	0	0	0	0	1	0	1	8.80	0.33	1.39	25.00	8.80	17.60	50.40
MAX	2	3	6	2	5	3	4	3	11	49.20	6.08	25.35	265.00	29.20	21.90	69.60
TOTAL	7	14	46	7	23	12	27	12	74	208.80	28.67	3.85				

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