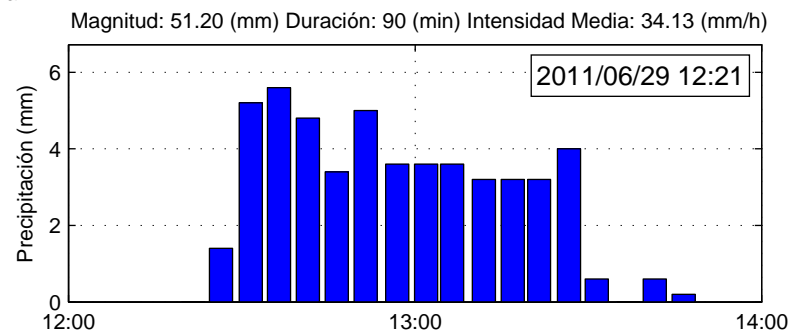
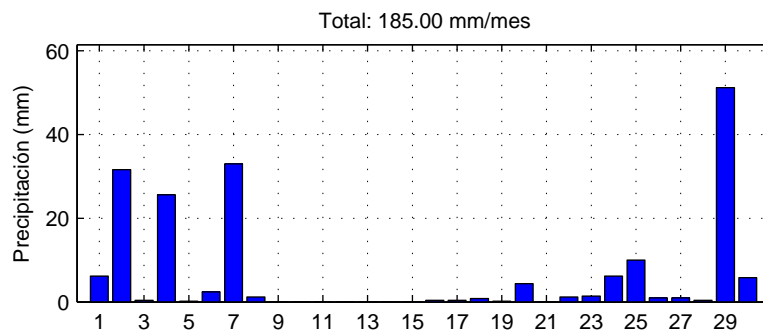
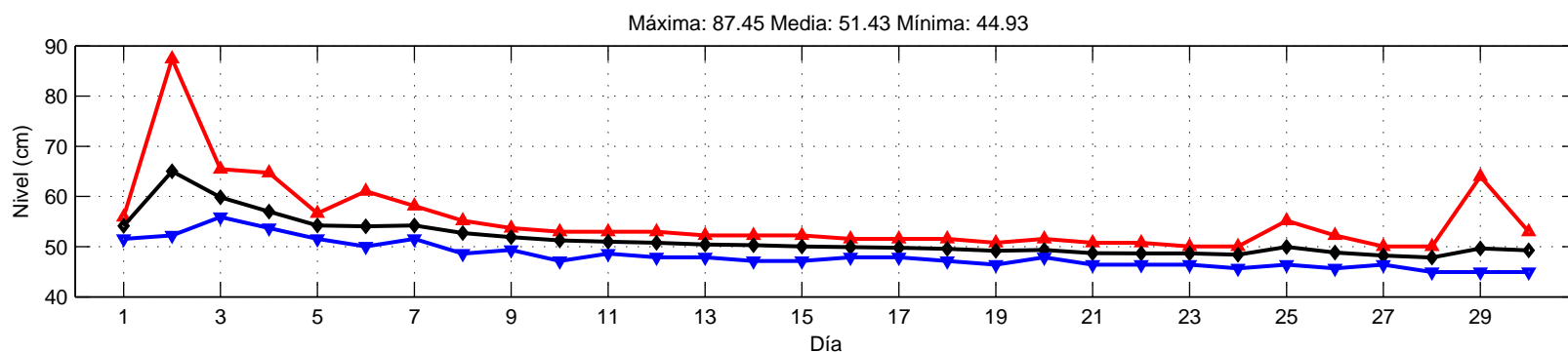
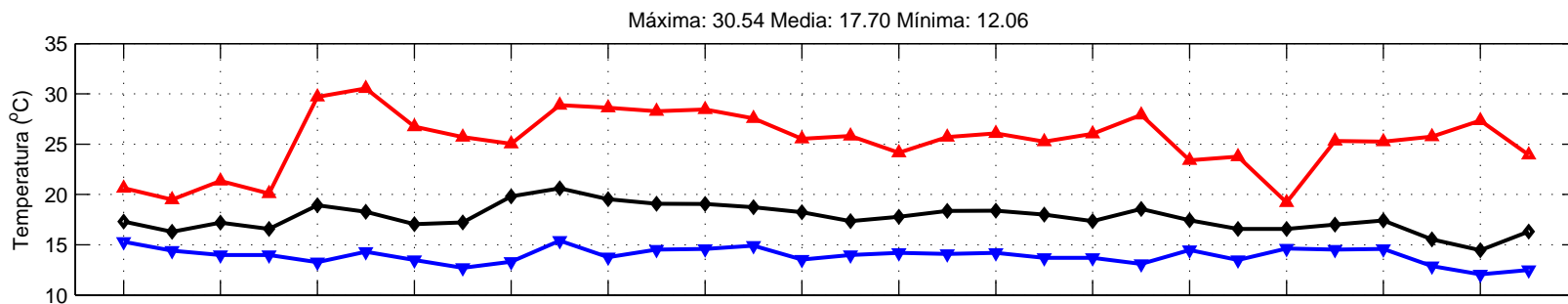


Estación: El Cedral
Fecha: Junio de 2011
Registros: 30 de 30

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	20.64	17.31	15.30	55.93	54.13	51.53	6.20
2	19.48	16.30	14.42	87.45	65.00	52.26	31.60
3	21.35	17.19	13.98	65.46	59.84	55.93	0.40
4	20.09	16.57	13.98	64.72	57.00	53.73	25.60
5	29.71	18.92	13.27	56.66	54.25	51.53	0.20
6	30.54	18.27	14.31	61.06	54.04	50.06	2.40
7	26.74	17.05	13.49	58.12	54.25	51.53	33.00
8	25.70	17.22	12.72	55.19	52.73	48.60	1.20
9	25.04	19.82	13.32	53.73	51.89	49.33	0.00
10	28.89	20.62	15.41	52.99	51.23	47.13	0.00
11	28.61	19.54	13.76	52.99	50.97	48.60	0.00
12	28.28	19.08	14.53	52.99	50.77	47.86	0.00
13	28.45	19.06	14.59	52.26	50.43	47.86	0.00
14	27.57	18.73	14.92	52.26	50.31	47.13	0.00
15	25.53	18.23	13.54	52.26	50.05	47.13	0.00
16	25.81	17.34	13.98	51.53	49.92	47.86	0.40
17	24.16	17.79	14.20	51.53	49.76	47.86	0.40
18	25.70	18.38	14.09	51.53	49.57	47.13	0.80
19	26.08	18.38	14.20	50.79	49.17	46.40	0.20
20	25.26	18.00	13.71	51.53	49.35	47.86	4.40
21	26.03	17.35	13.71	50.79	48.69	46.40	0.00
22	27.90	18.55	13.10	50.79	48.67	46.40	1.20
23	23.39	17.45	14.48	50.06	48.67	46.40	1.40
24	23.77	16.58	13.49	50.06	48.38	45.66	6.20
25	19.21	16.57	14.64	55.19	49.96	46.40	10.00
26	25.31	17.02	14.53	52.26	48.84	45.66	1.00
27	25.26	17.41	14.59	50.06	48.21	46.40	1.00
28	25.75	15.53	12.88	50.06	47.85	44.93	0.40
29	27.35	14.45	12.06	63.99	49.65	44.93	51.20
30	23.94	16.32	12.50	52.99	49.26	44.93	5.80
TOTAL							185.00
PROM	25.38	17.70	13.92	55.24	51.43	48.18	6.17

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	6	0	2	1	1	3	7	6.20	1.33	5.56	55.00	4.40	4.40	21.60
2	0	3	8	2	6	3	2	2	13	31.60	6.83	28.47	125.00	12.00	5.54	19.20
3	0	0	2	0	1	0	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
4	1	1	0	0	2	0	0	0	2	25.60	2.58	10.76	115.00	17.60	8.80	36.00
5	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
6	0	1	1	0	0	0	2	0	2	2.40	0.67	2.78	30.00	1.80	3.09	9.60
7	1	1	0	0	1	0	1	0	2	33.00	2.08	8.68	110.00	30.00	15.65	60.00
8	0	1	1	0	1	0	1	0	2	1.20	0.33	1.39	20.00	1.00	2.40	7.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	20.00	0.40	0.96	2.40
17	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	15.00	0.40	1.20	2.40
18	0	1	0	0	0	0	1	0	1	0.80	0.08	0.35	10.00	0.80	3.20	9.60
19	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
20	1	0	1	0	0	0	2	0	2	4.40	0.33	1.39	20.00	4.20	10.08	36.00
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	3	1	0	0	4	0	4	1.20	0.42	1.74	10.00	0.40	1.60	4.80
23	0	0	2	1	0	1	2	0	3	1.40	0.58	2.43	30.00	0.60	1.03	2.40
24	1	0	3	0	1	0	1	2	4	6.20	0.67	2.78	10.00	3.60	14.40	43.20
25	0	1	6	1	3	1	3	1	8	10.00	2.17	9.03	130.00	7.80	3.47	14.40
26	0	0	3	0	2	0	0	1	3	1.00	0.42	1.74	25.00	0.60	1.20	2.40
27	0	0	2	0	2	0	0	0	2	1.00	0.42	1.74	30.00	0.80	1.37	2.40
28	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	15.00	0.40	1.20	2.40
29	1	0	0	0	0	0	1	0	1	51.20	1.33	5.56	90.00	51.20	32.34	67.20
30	0	2	2	0	0	1	3	0	4	5.80	1.08	4.51	35.00	3.40	5.10	19.20
MAX	1	3	8	2	6	3	4	3	13	51.20	6.83	28.47	130.00	51.20	32.34	67.20
TOTAL	5	12	45	5	21	9	28	9	67	185.00	22.17	3.08				

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