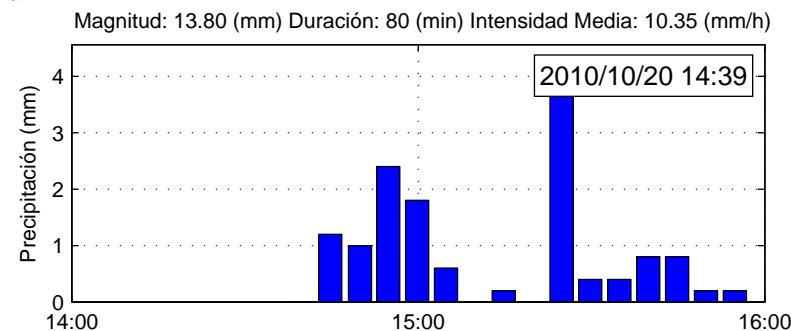
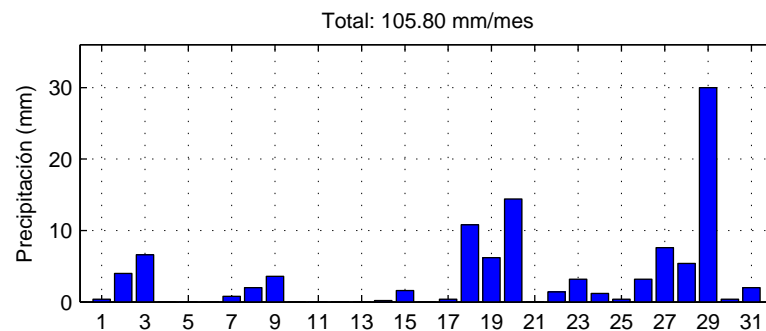
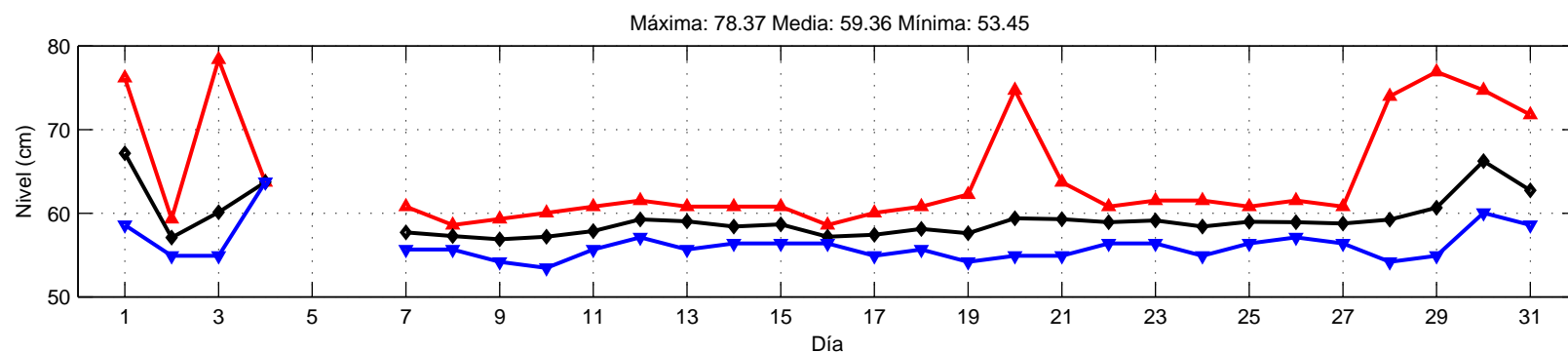
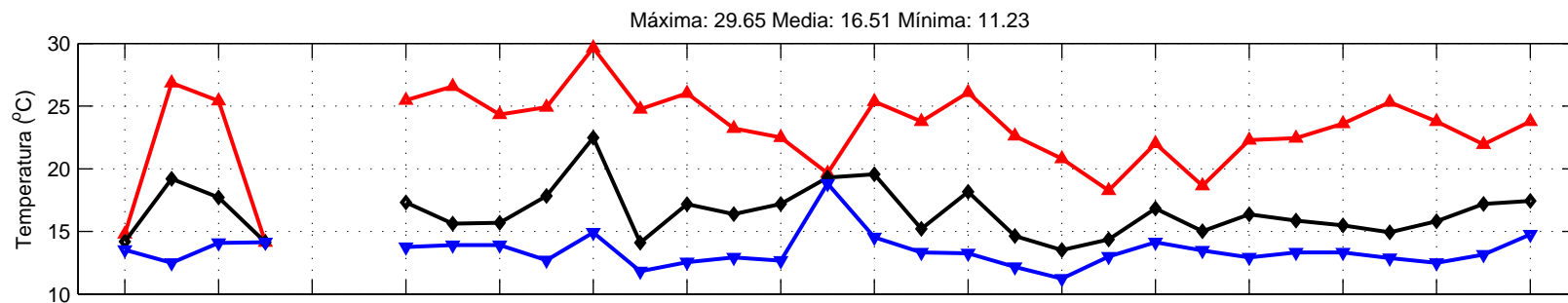


Estación: El Cedral
Fecha: Octubre de 2010
Registros: 29 de 31

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	14.80	14.19	13.54	76.17	67.17	58.58	0.40
2	26.85	19.20	12.49	59.31	57.09	54.92	4.00
3	25.42	17.71	14.09	78.37	60.11	54.92	6.60
4	14.14	14.14	14.14	63.71	63.71	63.71	0.00
5							
6							
7	25.47	17.31	13.76	60.78	57.72	55.65	0.80
8	26.57	15.63	13.92	58.58	57.28	55.65	2.00
9	24.32	15.70	13.92	59.31	56.88	54.18	3.60
10	24.92	17.82	12.71	60.05	57.20	53.45	0.00
11	29.65	22.47	14.91	60.78	57.87	55.65	0.00
12	24.76	14.11	11.83	61.51	59.27	57.12	0.00
13	26.02	17.18	12.55	60.78	59.03	55.65	0.00
14	23.22	16.38	12.93	60.78	58.42	56.38	0.20
15	22.50	17.19	12.66	60.78	58.67	56.38	1.60
16	19.64	19.29	18.82	58.58	57.18	56.38	0.00
17	25.36	19.57	14.53	60.05	57.43	54.92	0.40
18	23.77	15.21	13.32	60.78	58.12	55.65	10.80
19	26.08	18.17	13.26	62.25	57.61	54.18	6.20
20	22.61	14.65	12.16	74.71	59.38	54.92	14.40
21	20.80	13.52	11.23	63.71	59.29	54.92	0.00
22	18.27	14.36	12.99	60.78	58.93	56.38	1.40
23	22.01	16.83	14.14	61.51	59.14	56.38	3.20
24	18.65	15.02	13.48	61.51	58.41	54.92	1.20
25	22.28	16.37	12.93	60.78	58.99	56.38	0.40
26	22.45	15.86	13.32	61.51	58.92	57.12	3.20
27	23.60	15.48	13.32	60.78	58.77	56.38	7.60
28	25.31	14.94	12.88	73.97	59.22	54.18	5.40
29	23.77	15.81	12.49	76.91	60.66	54.92	30.00
30	21.95	17.19	13.15	74.71	66.22	60.05	0.40
31	23.77	17.43	14.75	71.78	62.75	58.58	2.00
TOTAL							105.80
PROM	23.07	16.51	13.46	64.32	59.36	56.16	3.65

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: El Cedral
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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	0	1	0	0	0	1	0	1	0.40	0.17	0.69	15.00	0.40	1.20	2.40
2	1	0	0	0	0	1	0	0	1	4.00	0.25	1.04	25.00	4.00	8.00	40.80
3	1	1	1	0	0	0	2	1	3	6.60	0.42	1.74	15.00	4.80	14.40	43.20
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																
6																
7	0	0	0	1	0	0	1	0	1	0.80	0.33	1.39	50.00	0.80	0.87	2.40
8	0	1	0	0	1	0	0	0	1	2.00	0.42	1.74	35.00	2.00	3.00	9.60
9	0	1	3	0	2	1	1	0	4	3.60	1.00	4.17	90.00	2.40	1.52	9.60
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	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
15	0	1	1	0	0	1	1	0	2	1.60	0.42	1.74	10.00	0.80	3.20	9.60
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	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
18	0	1	2	0	1	0	2	0	3	10.80	1.50	6.25	75.00	9.20	6.90	76.80
19	1	0	2	0	0	0	1	2	3	6.20	0.75	3.13	30.00	5.00	8.57	28.80
20	1	0	2	0	1	0	2	0	3	14.40	1.33	5.56	80.00	13.80	9.74	45.60
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	1	2	0	1	0	2	0	3	1.40	0.33	1.39	15.00	0.60	1.80	4.80
23	0	0	6	0	4	0	2	0	6	3.20	1.08	4.51	50.00	1.80	1.96	4.80
24	0	0	2	0	0	1	1	0	2	1.20	0.25	1.04	30.00	1.00	1.71	9.60
25	0	0	2	0	0	0	1	1	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
26	0	0	2	0	1	0	1	0	2	3.20	0.83	3.47	40.00	1.60	2.13	4.80
27	0	1	2	0	0	0	1	2	3	7.60	1.75	7.29	80.00	5.60	3.95	16.80
28	0	1	3	0	1	0	2	1	4	5.40	1.58	6.60	125.00	4.00	1.85	4.80
29	2	2	3	0	0	0	3	4	7	30.00	2.50	10.42	60.00	13.60	12.55	28.80
30	0	0	2	0	0	0	0	2	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
31	0	0	3	0	0	1	1	1	3	2.00	0.67	2.78	20.00	0.80	1.92	4.80
MAX	2	2	6	1	4	1	3	4	7	30.00	2.50	10.42	125.00	13.80	14.40	76.80
TOTAL	6	10	41	1	12	5	27	14	58	105.80	16.08	2.16				

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