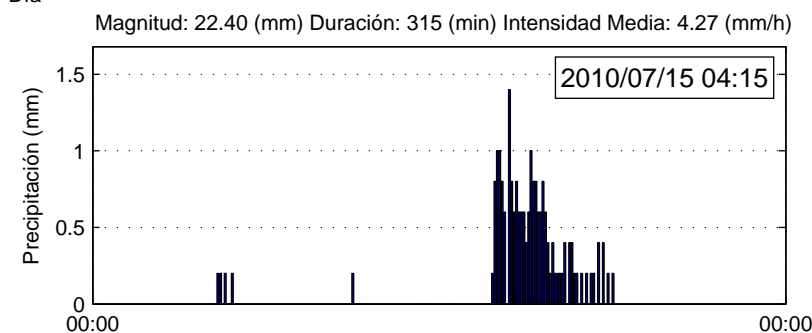
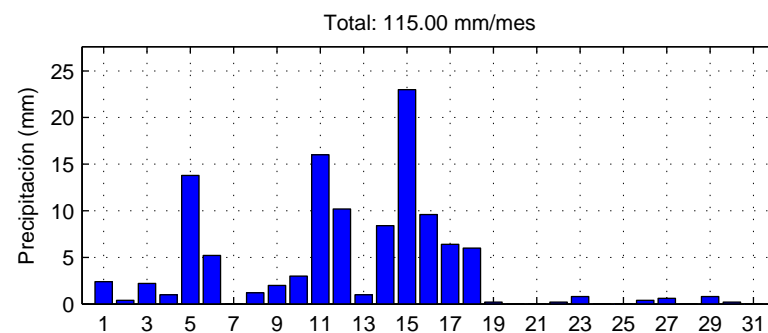
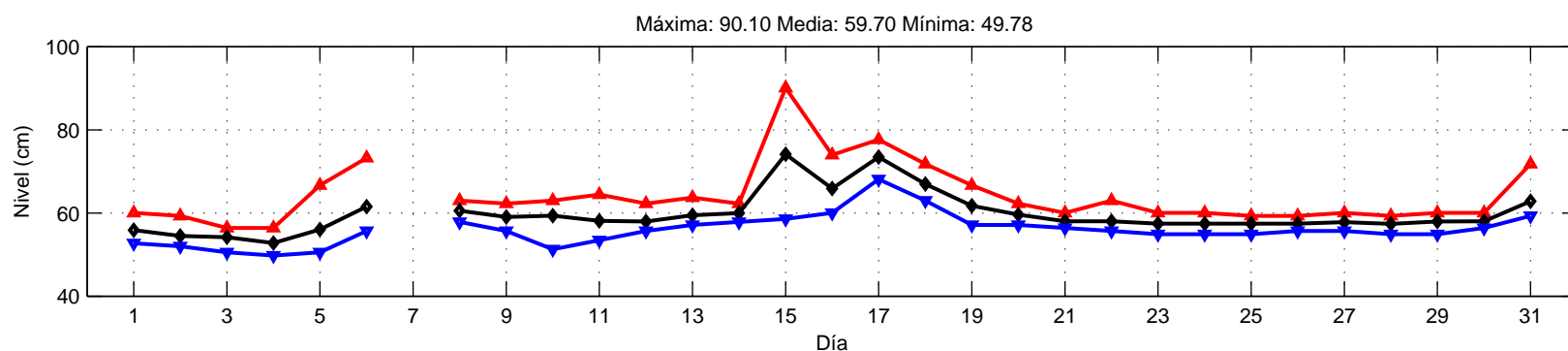
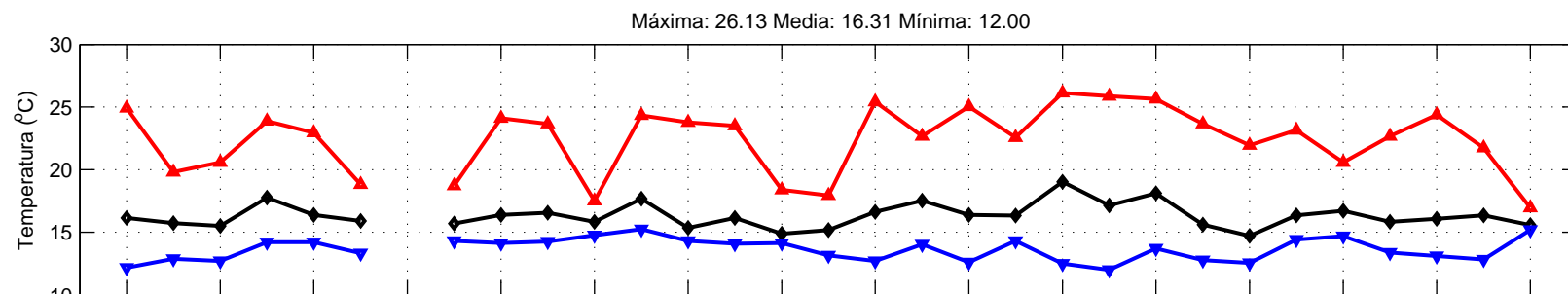


Estación: El Cedral
Fecha: Julio de 2010
Registros: 30 de 31

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	24.92	16.14	12.16	60.05	55.90	52.72	2.40
2	19.81	15.72	12.88	59.31	54.48	51.98	0.40
3	20.58	15.50	12.71	56.38	54.18	50.52	2.20
4	23.88	17.77	14.20	56.38	52.80	49.78	1.00
5	22.94	16.38	14.20	66.64	56.02	50.52	13.80
6	18.82	15.90	13.32	73.24	61.52	55.65	5.20
7							
8	18.71	15.70	14.31	62.98	60.53	57.85	1.20
9	24.10	16.37	14.14	62.25	59.05	55.65	2.00
10	23.66	16.55	14.25	62.98	59.36	51.25	3.00
11	17.50	15.83	14.75	64.45	58.10	53.45	16.00
12	24.32	17.68	15.24	62.25	57.93	55.65	10.20
13	23.77	15.34	14.31	63.71	59.45	57.12	1.00
14	23.49	16.13	14.09	62.25	60.00	57.85	8.40
15	18.38	14.88	14.14	90.10	74.13	58.58	23.00
16	17.94	15.17	13.15	73.97	65.89	60.05	9.60
17	25.42	16.62	12.71	77.64	73.46	68.11	6.40
18	22.67	17.52	14.03	71.78	66.96	62.98	6.00
19	25.03	16.38	12.60	66.64	61.76	57.12	0.20
20	22.56	16.33	14.31	62.25	59.63	57.12	0.00
21	26.13	19.02	12.49	60.05	57.98	56.38	0.00
22	25.86	17.15	12.00	62.98	58.02	55.65	0.20
23	25.64	18.11	13.70	60.05	57.45	54.92	0.80
24	23.66	15.60	12.77	60.05	57.45	54.92	0.00
25	21.95	14.70	12.55	59.31	57.42	54.92	0.00
26	23.16	16.35	14.42	59.31	57.46	55.65	0.40
27	20.58	16.71	14.69	60.05	57.82	55.65	0.60
28	22.67	15.82	13.37	59.31	57.39	54.92	0.00
29	24.37	16.07	13.10	60.05	57.96	54.92	0.80
30	21.73	16.35	12.82	60.05	58.02	56.38	0.20
31	16.95	15.56	15.19	71.78	62.83	59.31	0.00
TOTAL							115.00
PROM	22.37	16.31	13.62	64.27	59.70	55.92	3.83

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	1	2	0	1	0	2	0	3	2.40	0.42	1.74	20.00	2.00	4.80	14.40
2	0	0	2	0	0	1	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
3	0	1	1	0	1	0	1	0	2	2.20	0.33	1.39	25.00	2.00	4.00	19.20
4	0	0	2	1	0	1	1	1	3	1.00	0.42	1.74	15.00	0.40	1.20	2.40
5	0	3	3	0	2	2	1	1	6	13.80	2.58	10.76	135.00	6.20	2.66	12.00
6	0	1	3	1	2	0	3	0	5	5.20	0.92	3.82	30.00	3.60	6.17	28.80
7																
8	0	1	0	0	0	0	0	1	1	1.20	0.08	0.35	10.00	1.20	4.80	14.40
9	0	0	5	0	4	1	0	0	5	2.00	0.83	3.47	25.00	0.60	1.20	2.40
10	0	1	4	0	4	0	1	0	5	3.00	0.83	3.47	15.00	1.20	3.60	9.60
11	0	3	6	1	4	3	3	0	10	16.00	2.75	11.46	50.00	6.20	6.76	26.40
12	1	0	1	0	0	0	1	1	2	10.20	0.50	2.08	45.00	10.00	12.00	60.00
13	0	0	2	0	2	0	0	0	2	1.00	0.33	1.39	20.00	0.80	1.92	4.80
14	0	2	1	1	2	0	1	1	4	8.40	1.67	6.94	50.00	4.40	4.80	9.60
15	0	1	2	0	1	0	0	2	3	23.00	4.17	17.36	315.00	22.40	4.20	16.80
16	0	0	7	1	3	3	2	0	8	9.60	3.42	14.24	130.00	3.60	1.60	4.80
17	1	0	1	0	0	0	2	0	2	6.40	0.25	1.04	10.00	6.00	24.00	72.00
18	0	2	1	0	0	0	3	0	3	6.00	0.67	2.78	50.00	4.80	5.24	24.00
19	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	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	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
23	0	0	1	0	0	0	1	0	1	0.80	0.25	1.04	25.00	0.80	1.60	4.80
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	2	0	0	0	2	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
27	0	0	2	0	0	1	1	0	2	0.60	0.25	1.04	15.00	0.40	1.20	2.40
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	1	0	0	0	0	1	0	1	0.80	0.08	0.35	10.00	0.80	3.20	9.60
30	0	0	1	0	0	0	0	1	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	3	7	1	4	3	3	2	10	23.00	4.17	17.36	315.00	22.40	24.00	72.00
TOTAL	2	17	51	5	27	12	28	8	75	115.00	21.33	2.87				

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