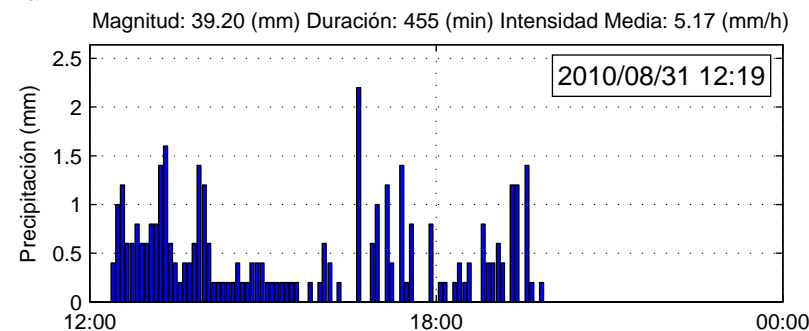
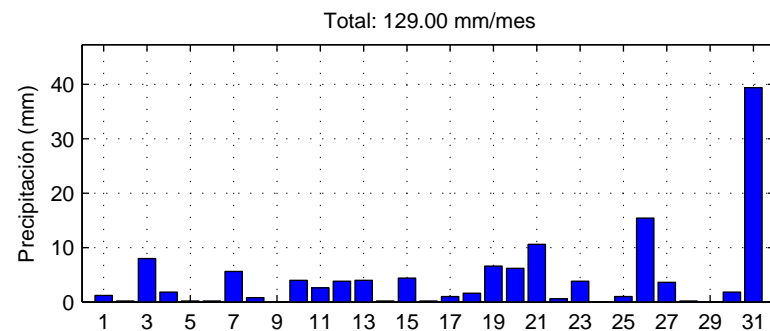
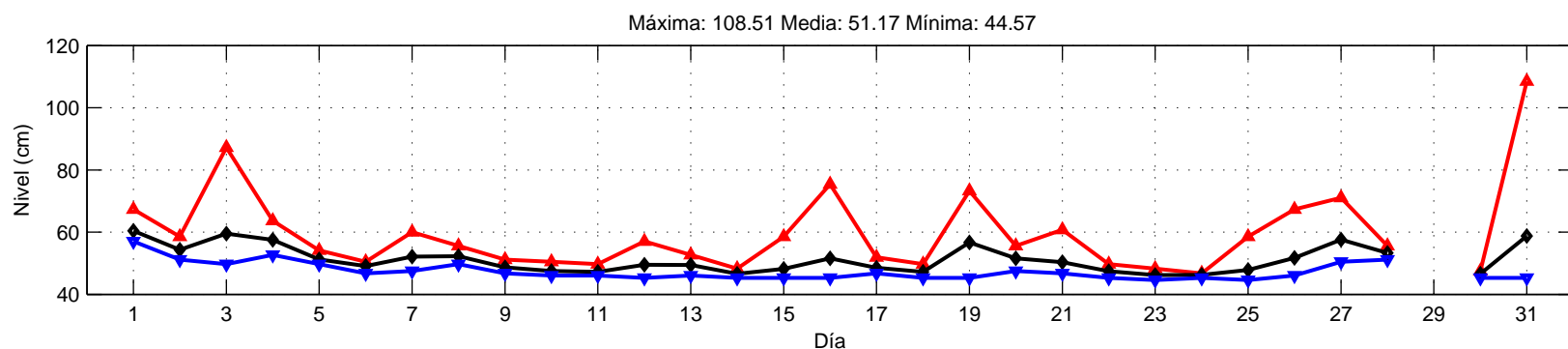
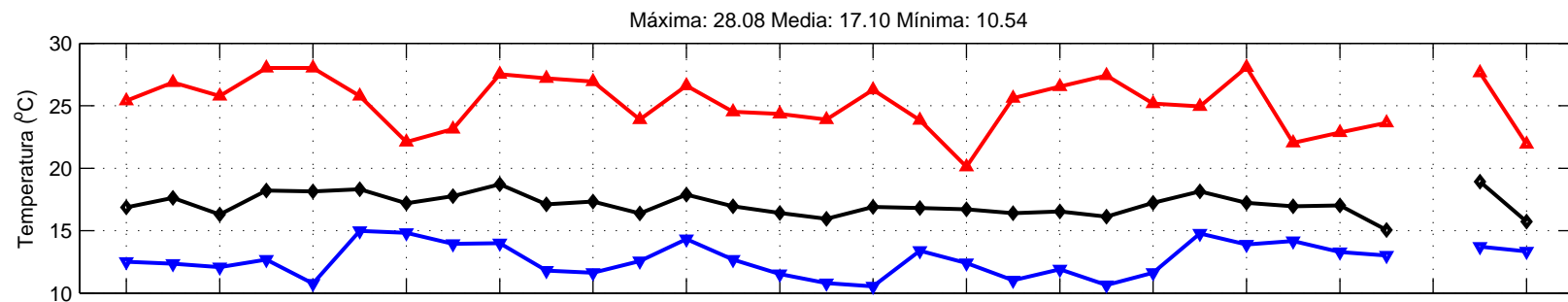


Estación: San Juan
Fecha: Agosto de 2010
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Reporte hidroclimatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1	25.39	16.86	12.52	67.35	60.42	57.06	1.20
2	26.87	17.62	12.35	58.53	54.33	51.18	0.20
3	25.77	16.30	12.08	87.20	59.55	49.71	8.00
4	28.03	18.22	12.68	63.67	57.55	52.65	1.80
5	28.03	18.14	10.76	54.12	51.24	49.71	0.20
6	25.77	18.31	14.99	50.45	49.08	46.77	0.20
7	22.09	17.19	14.83	60.00	52.16	47.50	5.60
8	23.13	17.76	13.95	55.59	52.27	49.71	0.80
9	27.53	18.71	14.00	51.18	48.65	46.77	0.00
10	27.20	17.11	11.80	50.45	47.52	46.03	4.00
11	26.93	17.34	11.64	49.71	47.19	46.03	2.60
12	23.90	16.38	12.57	57.06	49.52	45.30	3.80
13	26.60	17.88	14.33	52.65	49.43	46.03	4.00
14	24.51	16.95	12.68	48.24	46.63	45.30	0.20
15	24.34	16.42	11.53	58.53	48.20	45.30	4.40
16	23.90	15.94	10.81	75.44	51.55	45.30	0.20
17	26.27	16.89	10.54	51.91	48.50	46.77	1.00
18	23.85	16.82	13.40	49.71	47.25	45.30	1.60
19	20.11	16.71	12.41	73.23	56.68	45.30	6.60
20	25.61	16.41	11.03	55.59	51.56	47.50	6.20
21	26.54	16.53	11.91	60.74	50.31	46.77	10.60
22	27.42	16.13	10.65	49.71	47.40	45.30	0.60
23	25.17	17.23	11.64	48.24	46.16	44.57	3.80
24	24.95	18.14	14.77	46.77	46.28	45.30	0.00
25	28.08	17.23	13.89	58.53	47.86	44.57	1.00
26	22.03	16.95	14.17	67.35	51.68	46.03	15.40
27	22.86	17.02	13.29	71.02	57.55	50.45	3.60
28	23.63	15.06	13.01	55.59	53.27	51.18	0.20
29							
30	27.64	18.92	13.73	47.50	46.62	45.30	1.80
31	21.92	15.73	13.34	108.51	58.77	45.30	39.40
TOTAL							129.00
PROM	25.20	17.10	12.71	59.49	51.17	47.33	4.30

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: San Juan
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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	0	5	0	2	1	1	1	5	1.20	0.50	2.08	15.00	0.40	1.20	2.40
2	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
3	0	1	3	0	0	0	2	2	4	8.00	1.83	7.64	70.00	6.00	4.80	12.00
4	0	0	2	1	3	0	0	0	3	1.80	0.75	3.13	85.00	1.40	0.93	2.40
5	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
6	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
7	0	1	7	0	1	1	4	2	8	5.60	1.92	7.99	35.00	1.80	2.70	4.80
8	0	0	4	0	1	1	2	0	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
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	1	1	0	0	0	0	2	0	2	4.00	0.42	1.74	25.00	3.20	6.40	12.00
11	0	0	4	0	1	0	2	1	4	2.60	0.92	3.82	65.00	1.60	1.37	4.80
12	0	0	5	0	1	0	2	2	5	3.80	1.33	5.56	45.00	1.60	1.92	7.20
13	0	1	4	1	5	0	1	0	6	4.00	1.50	6.25	70.00	1.40	1.12	2.40
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	4	0	0	2	3	0	5	4.40	1.25	5.21	75.00	2.40	1.80	4.80
16	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
17	0	0	2	0	0	0	1	1	2	1.00	0.42	1.74	40.00	0.80	1.07	2.40
18	0	0	4	0	1	1	2	0	4	1.60	0.67	2.78	50.00	1.00	1.09	2.40
19	0	2	1	0	0	0	2	1	3	6.60	1.50	6.25	105.00	4.80	2.62	14.40
20	0	1	2	0	1	0	2	0	3	6.20	0.83	3.47	60.00	5.80	5.35	24.00
21	1	0	1	0	0	1	1	0	2	10.60	1.08	4.51	75.00	10.40	7.80	19.20
22	0	0	2	0	1	0	1	0	2	0.60	0.25	1.04	15.00	0.40	1.20	2.40
23	0	1	1	0	0	0	1	1	2	3.80	0.83	3.47	65.00	3.60	3.09	12.00
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	4	0	0	0	3	1	4	1.00	0.33	1.39	10.00	0.40	1.60	4.80
26	0	1	2	0	1	1	0	1	3	15.40	2.17	9.03	150.00	13.00	5.03	21.60
27	0	0	5	0	1	0	1	3	5	3.60	1.33	5.56	45.00	1.40	1.68	4.80
28	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
29																
30	1	1	1	0	0	1	2	0	3	1.80	0.25	1.04	5.00	1.00	6.00	12.00
31	0	1	1	0	0	1	1	0	2	39.40	5.83	24.31	455.00	39.20	5.11	26.40
MAX	1	2	7	1	5	2	4	3	8	39.40	5.83	24.31	455.00	39.20	7.80	26.40
TOTAL	3	12	70	2	21	10	40	16	87	129.00	26.75	3.60				

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