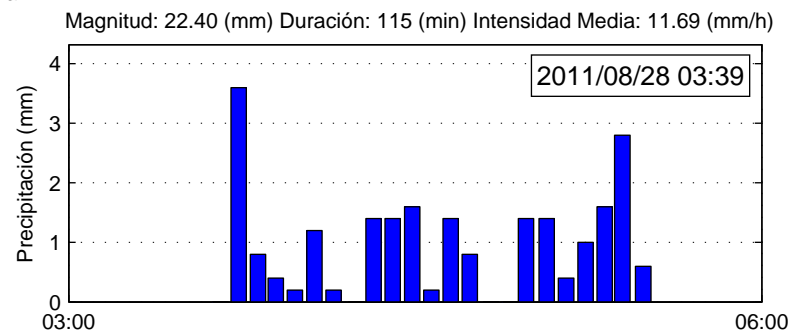
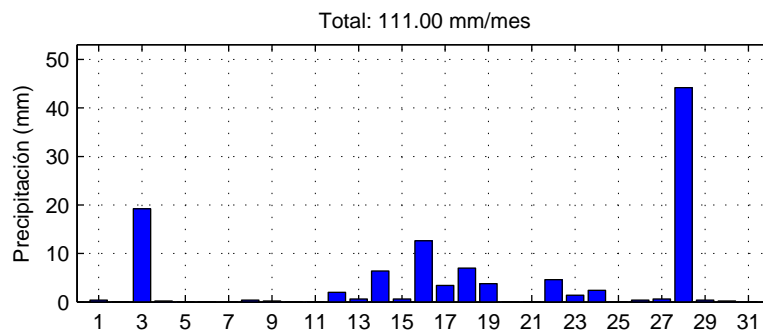
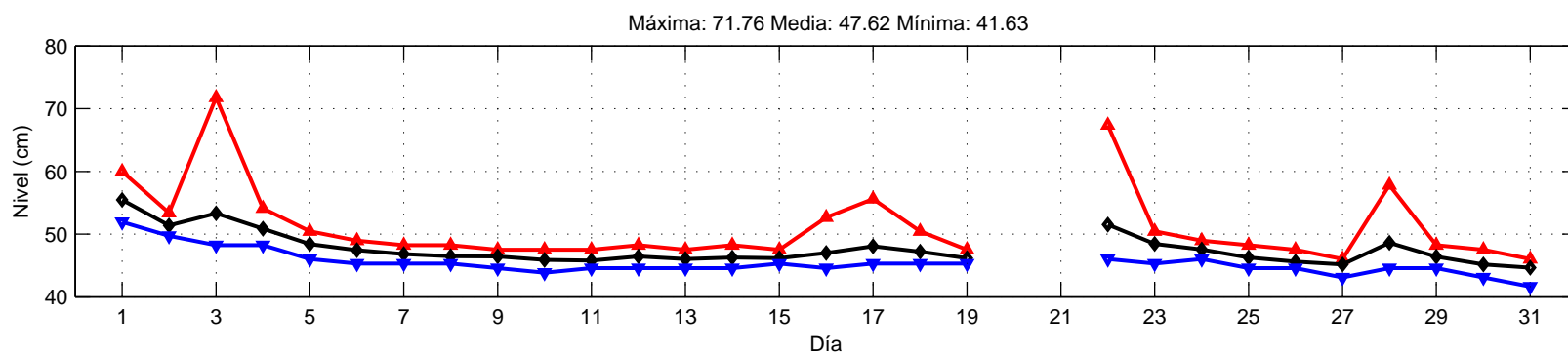
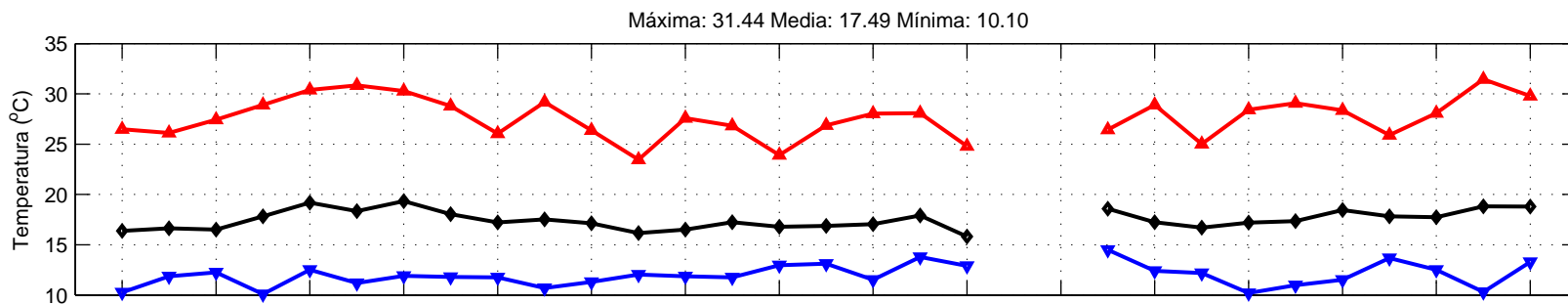


Estación: San Juan
Fecha: Agosto de 2011
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Reporte hidroclimatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1	26.49	16.39	10.27	60.00	55.46	51.92	0.40
2	26.11	16.64	11.86	53.39	51.37	49.72	0.00
3	27.43	16.51	12.25	71.76	53.31	48.24	19.20
4	28.91	17.83	10.10	54.12	50.87	48.24	0.20
5	30.40	19.18	12.52	50.45	48.41	46.04	0.00
6	30.84	18.34	11.20	48.98	47.46	45.30	0.00
7	30.29	19.35	11.92	48.24	46.83	45.30	0.00
8	28.80	18.04	11.81	48.24	46.48	45.30	0.40
9	26.05	17.22	11.75	47.51	46.45	44.57	0.20
10	29.19	17.52	10.71	47.51	45.89	43.84	0.00
11	26.38	17.14	11.31	47.51	45.80	44.57	0.00
12	23.47	16.16	12.03	48.24	46.44	44.57	2.00
13	27.59	16.50	11.86	47.51	46.04	44.57	0.60
14	26.82	17.25	11.75	48.24	46.26	44.57	6.40
15	23.91	16.79	12.96	47.51	46.18	45.30	0.60
16	26.88	16.88	13.13	52.65	46.99	44.57	12.60
17	28.03	17.04	11.53	55.60	48.06	45.30	3.40
18	28.09	17.91	13.79	50.45	47.20	45.30	7.00
19	24.79	15.82	12.91	47.51	46.17	45.30	3.80
20							
21							
22	26.44	18.58	14.50	67.36	51.50	46.04	4.60
23	28.91	17.25	12.41	50.45	48.43	45.30	1.40
24	25.01	16.71	12.19	48.98	47.54	46.04	2.40
25	28.42	17.20	10.21	48.24	46.26	44.57	0.00
26	29.08	17.35	10.98	47.51	45.60	44.57	0.40
27	28.36	18.45	11.53	46.04	45.15	43.10	0.60
28	25.89	17.83	13.68	57.80	48.62	44.57	44.20
29	28.09	17.74	12.52	48.24	46.40	44.57	0.40
30	31.44	18.81	10.32	47.51	45.16	43.10	0.20
31	29.79	18.80	13.29	46.04	44.66	41.63	0.00
TOTAL							111.00
PROM	27.65	17.49	11.98	51.16	47.62	45.38	3.83

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	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1	0	0	0	0	0	1	0	1	19.20	1.42	5.90	105.00	19.20	10.47	60.00
4	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
9	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	1	4	0	1	2	2	0	5	2.00	0.67	2.78	25.00	1.20	2.40	7.20
13	0	0	1	0	0	1	0	0	1	0.60	0.25	1.04	35.00	0.60	0.90	2.40
14	1	0	2	0	0	1	1	1	3	6.40	0.75	3.13	45.00	6.00	7.20	31.20
15	0	0	2	0	0	0	2	0	2	0.60	0.25	1.04	20.00	0.40	0.96	2.40
16	1	1	1	0	1	0	2	0	3	12.60	1.25	5.21	65.00	10.00	8.57	33.60
17	1	0	2	0	0	1	1	1	3	3.40	0.42	1.74	20.00	3.00	7.20	21.60
18	1	0	4	0	2	0	2	1	5	7.00	1.33	5.56	25.00	3.80	7.60	28.80
19	0	1	1	0	1	1	0	0	2	3.80	0.50	2.08	30.00	3.60	6.17	16.80
20																
21																
22	0	1	2	0	0	1	2	0	3	4.60	1.08	4.51	45.00	3.40	4.08	7.20
23	0	0	4	0	0	0	4	0	4	1.40	0.42	1.74	20.00	0.60	1.44	4.80
24	0	0	5	0	1	3	1	0	5	2.40	1.00	4.17	90.00	1.60	1.01	2.40
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	0	1	0	0	1	0	1	0.40	0.17	0.69	25.00	0.40	0.80	2.40
27	0	0	3	0	0	1	0	2	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
28	2	1	3	0	2	0	4	0	6	44.20	2.92	12.15	115.00	22.40	11.20	43.20
29	0	0	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
30	0	0	1	0	0	1	0	0	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	2	1	5	1	2	3	4	2	6	44.20	2.92	12.15	115.00	22.40	11.20	60.00
TOTAL	7	5	43	1	12	16	23	5	56	111.00	13.42	1.80				

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