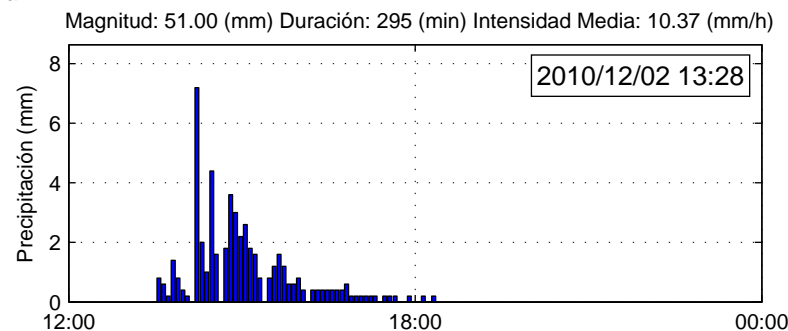
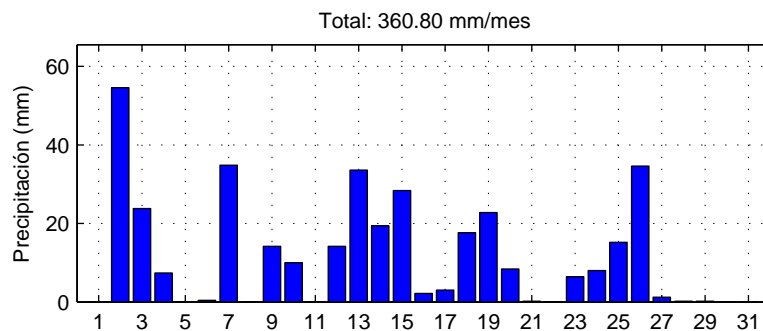
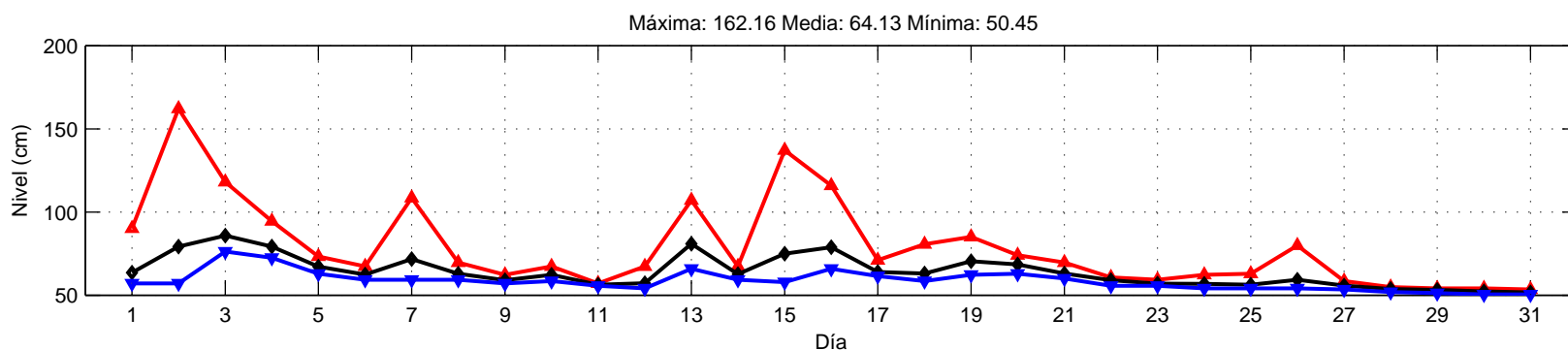
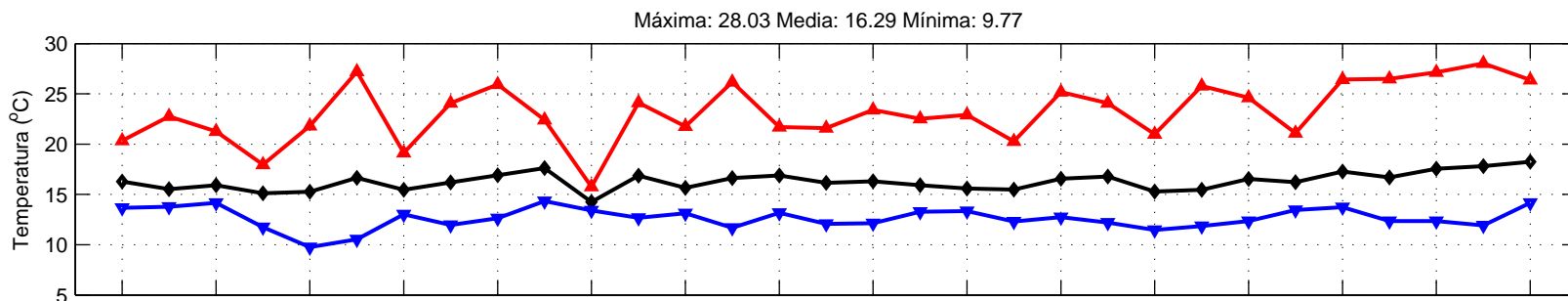


**Estación: San Juan**  
**Fecha: Diciembre de 2010**  
**Registros: 31 de 31**

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	20.33	16.28	13.67	90.14	63.47	57.06	0.00
2	22.75	15.53	13.78	162.16	79.20	57.06	54.60
3	21.26	15.91	14.17	118.07	85.83	76.17	23.80
4	17.96	15.12	11.75	94.54	79.27	72.50	7.40
5	21.81	15.26	9.77	73.23	67.19	62.94	0.00
6	27.20	16.66	10.54	67.35	62.37	59.26	0.40
7	19.12	15.46	13.01	108.51	71.67	59.26	34.80
8	24.07	16.19	11.97	69.56	62.93	59.26	0.00
9	25.94	16.92	12.63	62.21	59.07	57.06	14.20
10	22.42	17.61	14.33	67.35	62.29	58.53	10.00
11	15.76	14.26	13.40	57.06	56.33	55.59	0.00
12	24.12	16.86	12.68	67.35	57.25	54.12	14.20
13	21.76	15.65	13.12	107.04	80.85	65.88	33.60
14	26.16	16.63	11.69	67.35	62.66	59.26	19.40
15	21.70	16.89	13.18	137.17	74.99	57.79	28.40
16	21.59	16.14	12.08	115.86	78.82	65.88	2.20
17	23.41	16.31	12.13	71.02	63.98	61.47	3.00
18	22.53	15.91	13.29	80.58	63.05	58.53	17.60
19	22.91	15.60	13.34	84.99	70.38	62.21	22.80
20	20.27	15.48	12.30	73.97	68.50	62.94	8.40
21	25.17	16.55	12.74	69.56	63.02	60.00	0.20
22	24.07	16.79	12.19	60.74	59.04	55.59	0.00
23	20.99	15.30	11.47	59.26	56.96	55.59	6.40
24	25.77	15.45	11.86	62.21	56.81	54.12	8.00
25	24.62	16.54	12.35	62.94	56.23	54.12	15.20
26	21.10	16.21	13.45	79.84	59.22	54.12	34.60
27	26.43	17.28	13.73	58.53	55.76	53.38	1.20
28	26.49	16.69	12.35	54.86	53.72	51.91	0.20
29	27.15	17.56	12.35	54.12	53.14	51.18	0.20
30	28.03	17.81	11.91	54.12	52.32	50.45	0.00
31	26.38	18.24	14.17	53.38	51.60	50.45	0.00
TOTAL							360.80
PROM	23.20	16.29	12.63	78.87	64.13	58.51	11.64

Cuadro 1: Resumen de análisis hidroclimatológico

**Estación: San Juan**  
**Fecha: Diciembre de 2010**  
**Registros: 31 de 31**

Reporte climatológico mensual  
 Red Hidroclimatológica del Departamento de Risaralda  
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH  
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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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1	2	1	0	2	0	1	1	4	54.60	4.75	19.79	295.00	51.00	10.20	86.40
3	0	3	11	0	5	3	2	4	14	23.80	4.75	19.79	95.00	8.20	4.92	9.60
4	0	0	6	0	1	4	1	0	6	7.40	2.83	11.81	185.00	6.00	1.89	4.80
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	2	0	0	1	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
7	1	2	3	0	1	2	3	0	6	34.80	3.67	15.28	100.00	21.60	12.34	98.40
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1	2	0	0	0	0	0	3	3	14.20	2.42	10.07	95.00	8.20	4.92	16.80
10	0	0	3	0	2	1	0	0	3	10.00	3.08	12.85	225.00	8.00	2.09	7.20
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	2	4	1	1	0	2	4	7	14.20	3.08	12.85	155.00	7.40	2.78	19.20
13	0	1	4	0	2	1	2	0	5	33.60	4.75	19.79	250.00	30.80	7.25	28.80
14	0	1	1	0	0	0	1	1	2	19.40	2.92	12.15	220.00	19.00	5.07	24.00
15	0	2	3	0	1	0	2	2	5	28.40	4.17	17.36	170.00	18.60	6.38	33.60
16	0	0	1	0	1	0	0	0	1	2.20	0.75	3.13	90.00	2.20	1.39	4.80
17	0	1	0	0	0	0	1	0	1	3.00	0.42	1.74	35.00	3.00	4.50	16.80
18	0	3	0	0	1	0	1	1	3	17.60	2.50	10.42	80.00	8.20	5.79	16.80
19	0	2	8	3	4	2	4	3	13	22.80	5.08	21.18	65.00	8.00	6.86	14.40
20	0	1	6	0	3	1	3	0	7	8.40	1.50	6.25	75.00	6.40	4.80	14.40
21	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	1	1	0	0	0	2	0	2	6.40	0.92	3.82	60.00	6.20	5.72	14.40
24	1	1	3	0	0	3	2	0	5	8.00	1.08	4.51	55.00	4.60	4.60	21.60
25	1	0	2	0	0	1	2	0	3	15.20	1.25	5.21	45.00	13.60	16.32	28.80
26	1	3	1	0	1	2	1	1	5	34.60	4.00	16.67	130.00	22.00	9.78	43.20
27	0	0	1	0	0	0	1	0	1	1.20	0.17	0.69	30.00	1.20	2.06	12.00
28	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
29	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	11	3	5	4	4	4	14	54.60	5.08	21.18	295.00	51.00	16.32	98.40
TOTAL	6	27	64	4	27	22	32	20	101	360.80	54.50	7.33				

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