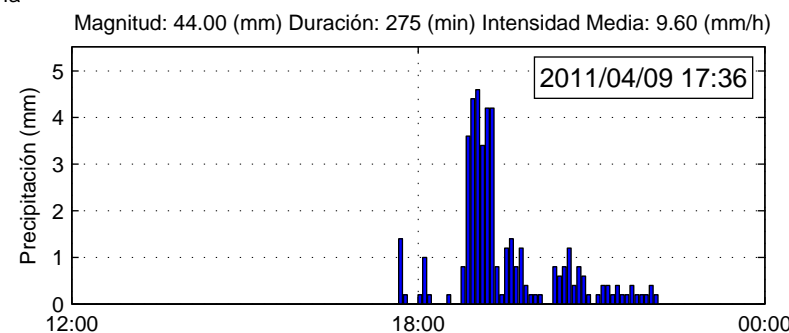
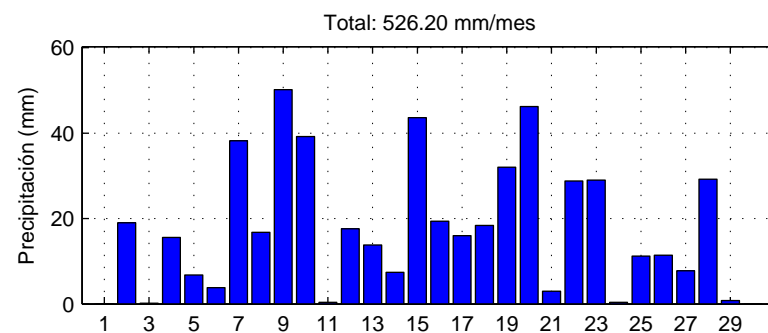
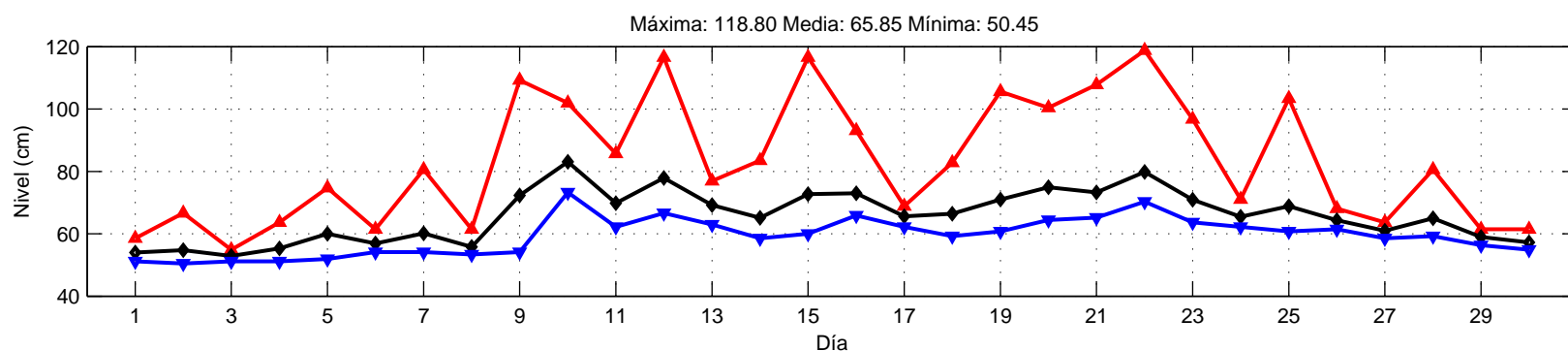
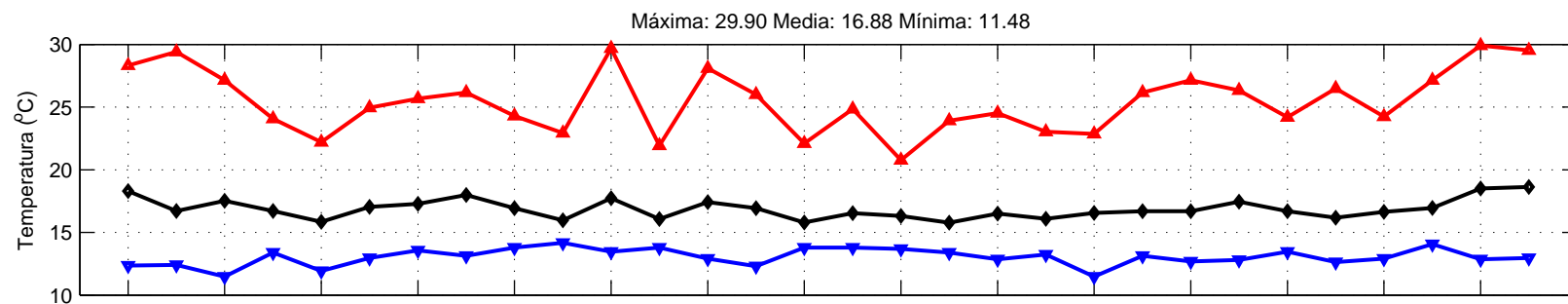


Estación: San Juan
Fecha: Abril de 2011
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Reporte hidroclimatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1	28.31	18.29	12.36	58.53	54.00	51.19	0.00
2	29.41	16.72	12.41	66.62	54.75	50.45	19.00
3	27.15	17.53	11.48	54.86	52.89	51.19	0.20
4	24.07	16.71	13.40	63.68	55.29	51.19	15.60
5	22.20	15.85	11.92	74.71	60.00	51.92	6.80
6	24.95	17.03	12.96	61.48	56.92	54.12	3.80
7	25.67	17.27	13.57	80.59	60.16	54.12	38.20
8	26.16	17.99	13.13	61.48	55.80	53.39	16.80
9	24.29	16.93	13.79	109.25	72.28	54.12	50.20
10	22.92	15.97	14.17	101.90	83.10	73.24	39.20
11	29.68	17.73	13.46	85.73	69.79	62.21	0.40
12	21.93	16.07	13.79	116.60	77.86	66.62	17.60
13	28.09	17.42	12.91	76.91	69.18	62.95	13.80
14	26.00	16.94	12.30	83.52	65.12	58.53	7.40
15	22.09	15.79	13.79	116.60	72.70	60.00	43.60
16	24.84	16.53	13.79	93.08	73.02	65.88	19.40
17	20.77	16.32	13.68	68.83	65.61	62.21	16.00
18	23.91	15.78	13.40	82.79	66.40	59.27	18.40
19	24.51	16.50	12.85	105.58	71.00	60.74	32.00
20	23.03	16.08	13.24	100.43	74.90	64.41	46.20
21	22.86	16.56	11.48	107.78	73.24	65.15	3.00
22	26.16	16.69	13.13	118.80	79.86	70.29	28.80
23	27.15	16.68	12.69	96.76	70.92	63.68	29.00
24	26.33	17.45	12.80	71.03	65.43	62.21	0.40
25	24.18	16.70	13.46	103.37	68.81	60.74	11.20
26	26.49	16.17	12.63	68.09	64.32	61.48	11.40
27	24.24	16.64	12.91	63.68	60.97	58.53	7.80
28	27.15	16.95	14.06	80.59	64.99	59.27	29.20
29	29.90	18.50	12.85	61.48	58.95	56.33	0.80
30	29.52	18.63	12.96	61.48	57.27	54.86	0.00
TOTAL							526.20
PROM	25.47	16.88	13.05	83.21	65.85	59.34	17.54

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: San Juan
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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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1	1	1	0	1	0	2	0	3	19.00	2.00	8.33	85.00	11.20	7.47	26.40
3	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
4	0	2	3	2	5	0	2	0	7	15.60	3.67	15.28	185.00	11.20	3.54	31.20
5	0	0	5	0	1	1	1	2	5	6.80	2.00	8.33	140.00	5.40	2.23	9.60
6	0	1	1	0	0	0	2	0	2	3.80	0.42	1.74	55.00	3.60	3.60	36.00
7	1	0	4	0	2	0	2	1	5	38.20	3.08	12.85	120.00	33.80	16.22	43.20
8	1	0	9	0	2	0	4	4	10	16.80	3.33	13.89	35.00	8.60	12.90	38.40
9	1	0	4	0	1	1	2	1	5	50.20	5.75	23.96	275.00	44.00	9.43	55.20
10	1	1	3	0	1	1	2	1	5	39.20	7.17	29.86	410.00	22.60	3.27	14.40
11	0	0	2	0	0	0	0	2	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
12	0	5	4	0	4	2	3	0	9	17.60	3.75	15.63	85.00	6.40	4.27	24.00
13	0	2	1	0	2	1	0	0	3	13.80	3.33	13.89	210.00	11.40	3.18	14.40
14	0	1	2	1	0	0	3	1	4	7.40	1.08	4.51	65.00	6.60	5.66	21.60
15	2	0	7	0	4	2	2	1	9	43.60	5.00	20.83	245.00	31.80	7.63	43.20
16	0	1	0	1	0	2	0	0	2	19.40	2.42	10.07	155.00	18.60	6.97	19.20
17	1	0	5	0	0	2	4	0	6	16.00	1.17	4.86	40.00	14.40	19.20	50.40
18	0	1	5	0	0	1	1	4	6	18.40	5.00	20.83	180.00	11.80	3.83	19.20
19	1	0	2	0	1	0	1	1	3	32.00	1.83	7.64	130.00	31.60	14.04	69.60
20	0	2	4	1	2	1	2	2	7	46.20	6.67	27.78	310.00	32.40	6.17	144.00
21	1	0	1	0	0	0	1	1	2	3.00	0.17	0.69	10.00	2.80	11.20	33.60
22	0	2	2	0	2	0	2	0	4	28.80	4.33	18.06	280.00	27.60	5.81	24.00
23	1	0	0	0	0	0	1	0	1	29.00	1.25	5.21	90.00	29.00	18.32	72.00
24	0	0	2	0	1	0	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
25	0	1	4	0	0	1	2	2	5	11.20	2.00	8.33	100.00	9.20	5.26	31.20
26	0	1	2	0	0	0	3	0	3	11.40	1.92	7.99	145.00	10.80	4.32	33.60
27	0	1	1	0	1	0	1	0	2	7.80	1.42	5.90	95.00	7.60	4.56	14.40
28	1	0	4	0	5	0	0	0	5	29.20	2.08	8.68	110.00	27.80	14.50	60.00
29	0	0	1	0	0	0	0	1	1	0.80	0.25	1.04	20.00	0.80	1.92	4.80
30	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	5	9	2	5	2	4	4	10	50.20	7.17	29.86	410.00	44.00	19.20	144.00
TOTAL	12	22	80	5	35	16	44	24	119	526.20	71.50	9.93				

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