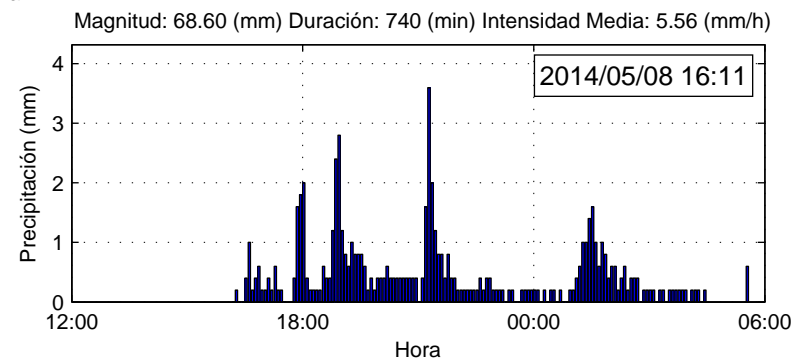
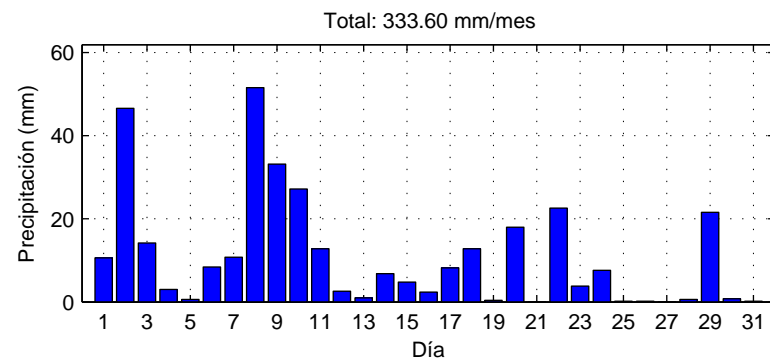
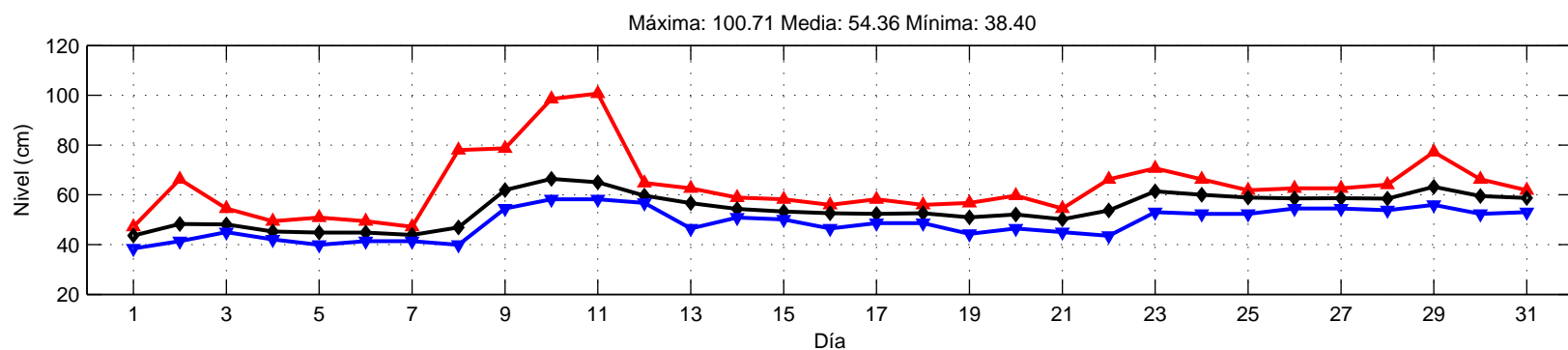
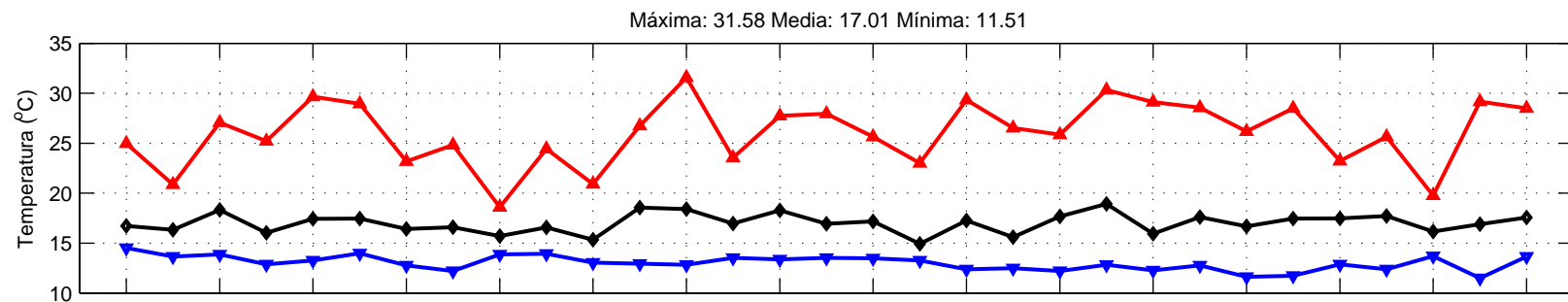


**Estación: El Cedral**  
**Fecha: Mayo de 2014**  
**Registros: 31 de 31**

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.  
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>



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Red Hidroclimatológica del Departamento de Risaralda  
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH  
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Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1	24.98	16.72	14.53	47.20	43.62	38.40	10.60
2	20.86	16.34	13.65	66.26	48.29	41.33	46.60
3	27.07	18.31	13.87	54.53	48.11	45.00	14.20
4	25.20	16.03	12.88	49.40	45.22	42.07	3.00
5	29.66	17.44	13.27	50.86	44.83	39.87	0.60
6	28.94	17.46	13.98	49.40	44.83	41.33	8.40
7	23.17	16.43	12.77	47.20	43.86	41.33	10.80
8	24.82	16.59	12.22	77.98	46.88	39.87	51.60
9	18.60	15.70	13.87	78.72	61.94	54.53	33.20
10	24.43	16.56	13.93	98.51	66.41	58.19	27.20
11	20.91	15.35	13.05	100.71	65.03	58.19	12.80
12	26.74	18.56	12.94	64.79	59.66	56.73	2.60
13	31.58	18.41	12.83	62.59	56.67	46.47	1.00
14	23.55	16.97	13.54	58.93	54.32	50.86	6.80
15	27.73	18.28	13.38	58.19	53.30	50.13	4.80
16	27.95	16.94	13.54	55.99	52.56	46.47	2.40
17	25.64	17.19	13.49	58.19	52.33	48.66	8.20
18	23.00	14.93	13.27	55.99	52.60	48.66	12.80
19	29.33	17.27	12.39	56.73	50.99	44.27	0.40
20	26.52	15.60	12.50	59.66	52.11	46.47	18.00
21	25.86	17.68	12.22	54.53	50.18	45.00	0.00
22	30.32	18.93	12.83	66.26	53.75	43.53	22.60
23	29.11	15.94	12.28	70.65	61.41	53.06	3.80
24	28.56	17.61	12.77	66.26	60.04	52.33	7.60
25	26.19	16.67	11.62	61.86	58.94	52.33	0.20
26	28.50	17.45	11.73	62.59	58.56	54.53	0.20
27	23.22	17.49	12.88	62.59	58.68	54.53	0.00
28	25.64	17.73	12.39	64.06	58.45	53.79	0.60
29	19.76	16.17	13.71	77.25	63.24	55.99	21.60
30	29.16	16.91	11.51	66.26	59.54	52.33	0.80
31	28.50	17.57	13.65	61.86	58.71	53.06	0.20
TOTAL							333.60
PROM	25.98	17.01	13.02	63.42	54.36	48.69	10.76

Cuadro 1: Resumen de análisis hidroclimatológico

**Estación: El Cedral**  
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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	3	0	0	0	3	10.60	2.00	8.33	85.00	8.20	5.47	16.80
2	2	2	2	0	0	1	2	3	6	46.60	4.17	17.36	100.00	32.40	18.51	79.20
3	1	0	2	0	1	0	2	0	3	14.20	1.67	6.94	95.00	13.60	8.16	36.00
4	1	0	3	0	0	2	1	1	4	3.00	0.33	1.39	10.00	2.40	9.60	28.80
5	0	0	3	0	0	0	2	1	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
6	0	1	3	0	0	2	1	1	4	8.40	1.58	6.60	85.00	5.60	3.73	19.20
7	1	0	1	0	0	0	2	0	2	10.80	0.92	3.82	55.00	10.60	10.60	21.60
8	0	2	0	1	0	1	2	0	3	51.60	7.58	31.60	465.00	49.60	6.33	43.20
9	0	2	10	1	2	3	6	2	13	33.20	8.08	33.68	275.00	19.00	4.07	19.20
10	1	1	8	0	4	2	3	1	10	27.20	6.50	27.08	75.00	10.40	7.80	21.60
11	1	2	1	0	1	0	2	1	4	12.80	1.33	5.56	10.00	5.60	22.40	67.20
12	0	1	2	0	0	0	2	1	3	2.60	0.75	3.13	25.00	1.20	2.40	4.80
13	0	0	2	0	0	0	2	0	2	1.00	0.25	1.04	25.00	0.80	1.60	7.20
14	0	1	2	0	1	0	2	0	3	6.80	0.83	3.47	50.00	6.20	6.76	16.80
15	0	1	0	0	0	0	0	1	1	4.80	0.67	2.78	70.00	4.80	3.84	38.40
16	0	1	1	0	1	0	1	0	2	2.40	0.42	1.74	35.00	2.20	3.30	12.00
17	0	2	0	0	0	0	2	0	2	8.20	1.33	5.56	45.00	5.00	6.00	16.80
18	1	0	1	0	1	1	0	0	2	12.80	1.42	5.90	90.00	12.60	7.96	24.00
19	0	0	2	0	0	1	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
20	1	0	1	0	0	1	1	0	2	18.00	2.00	8.33	120.00	17.60	8.45	38.40
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	1	0	3	0	0	0	1	3	4	22.60	2.83	11.81	120.00	19.40	9.31	36.00
23	0	1	2	0	1	0	2	0	3	3.80	1.00	4.17	50.00	3.00	3.27	7.20
24	1	0	3	0	1	0	2	1	4	7.60	0.67	2.78	30.00	7.00	12.00	43.20
25	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
26	0	0	1	0	0	0	0	1	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	0	3	0	1	0	2	0	3	0.60	0.25	1.04	5.00	0.20	1.20	2.40
29	1	1	2	1	0	2	2	1	5	21.60	2.92	12.15	130.00	16.80	7.47	28.80
30	0	0	2	0	1	0	1	0	2	0.80	0.25	1.04	15.00	0.60	1.80	4.80
31	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
MAX	2	2	10	1	4	3	6	3	13	51.60	8.08	33.68	465.00	49.60	22.40	79.20
TOTAL	12	19	64	3	19	16	45	18	98	333.60	50.42	6.78				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} < \text{intensidad}$
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