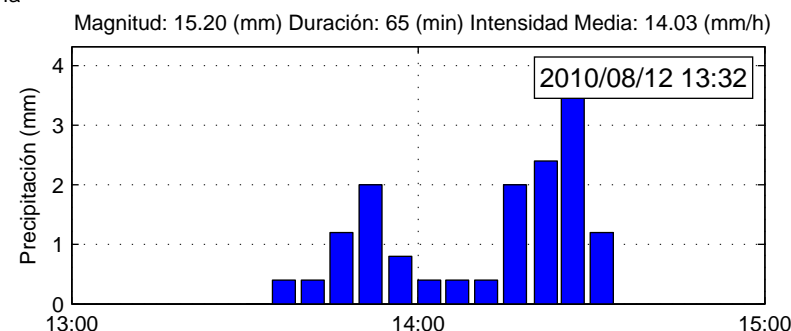
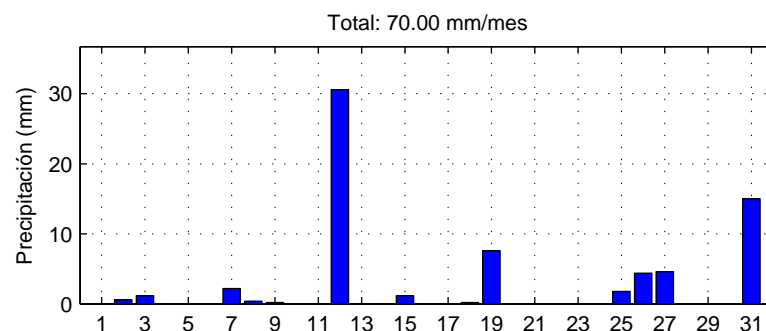
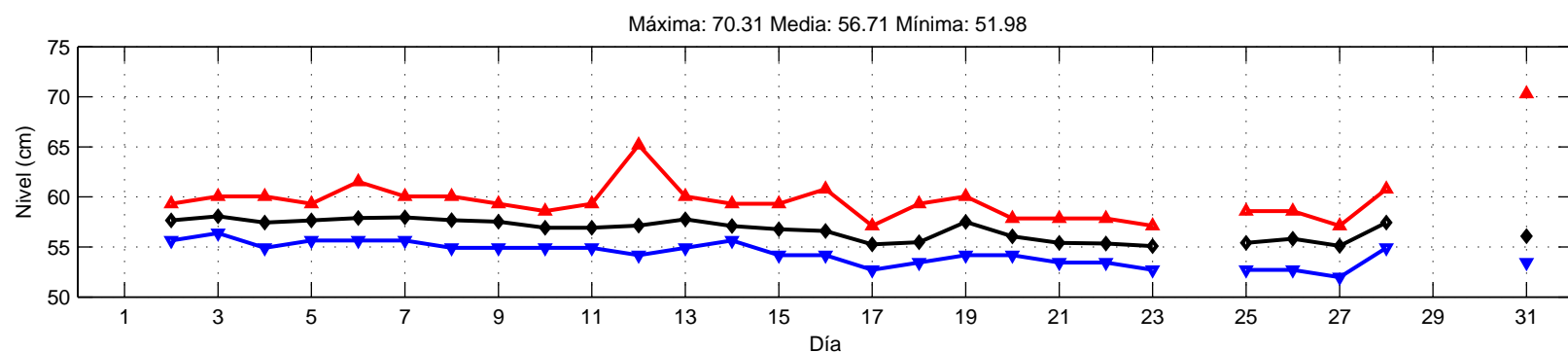
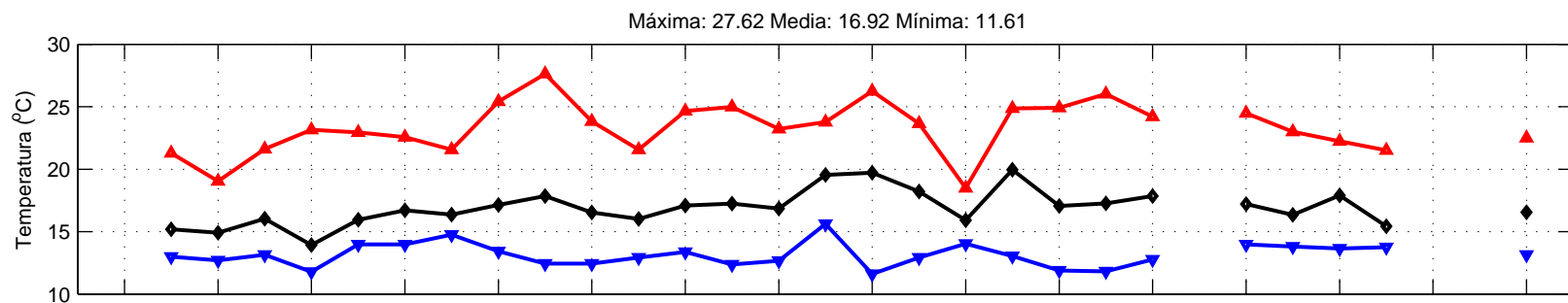


Estación: El Cedral
Fecha: Agosto de 2010
Registros: 27 de 31

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>



Estación: El Cedral
Fecha: Agosto de 2010
Registros: 27 de 31

Reporte hidroclimatológico mensual
 Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

Día	Temperatura (°C)			Nivel (cm)			Precipitación (mm)
	Máx	Media	Mín	Máx	Media	Mín	Total
1							
2	21.29	15.19	12.99	59.31	57.66	55.65	0.60
3	19.04	14.91	12.71	60.05	58.07	56.38	1.20
4	21.62	16.04	13.15	60.05	57.44	54.92	0.00
5	23.16	13.92	11.78	59.31	57.66	55.65	0.00
6	22.94	15.95	13.98	61.51	57.88	55.65	0.00
7	22.56	16.71	13.98	60.05	57.95	55.65	2.20
8	21.57	16.37	14.75	60.05	57.68	54.92	0.40
9	25.42	17.14	13.43	59.31	57.52	54.92	0.20
10	27.62	17.84	12.44	58.58	56.92	54.92	0.00
11	23.82	16.54	12.44	59.31	56.92	54.92	0.00
12	21.57	16.02	12.93	65.18	57.14	54.18	30.60
13	24.65	17.09	13.37	60.05	57.75	54.92	0.00
14	24.98	17.25	12.38	59.31	57.09	55.65	0.00
15	23.22	16.84	12.66	59.31	56.76	54.18	1.20
16	23.77	19.54	15.63	60.78	56.61	54.18	0.00
17	26.24	19.71	11.61	57.12	55.27	52.72	0.00
18	23.66	18.21	12.93	59.31	55.47	53.45	0.20
19	18.49	15.92	14.03	60.05	57.51	54.18	7.60
20	24.87	19.96	13.04	57.85	56.07	54.18	0.00
21	24.92	17.05	11.89	57.85	55.40	53.45	0.00
22	26.02	17.26	11.83	57.85	55.35	53.45	0.00
23	24.21	17.85	12.77	57.12	55.08	52.72	0.00
24							
25	24.48	17.21	13.98	58.58	55.41	52.72	1.80
26	23.00	16.35	13.81	58.58	55.83	52.72	4.40
27	22.23	17.90	13.65	57.12	55.11	51.98	4.60
28	21.51	15.43	13.76	60.78	57.44	54.92	0.00
29							
30							
31	22.50	16.56	13.15	70.31	56.08	53.45	15.00
TOTAL							70.00
PROM	23.31	16.92	13.15	59.80	56.71	54.32	2.59

Cuadro 1: Resumen de análisis hidroclimatológico

Estación: El Cedral
Fecha: Agosto de 2010
Registros: 27 de 31

Reporte climatológico mensual
 Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

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																
2	0	0	1	1	1	1	0	0	2	0.60	0.25	1.04	25.00	0.40	0.80	2.40
3	0	0	2	0	0	0	1	1	2	1.20	0.42	1.74	40.00	0.80	1.07	2.40
4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	4	0	0	1	1	2	4	2.20	0.67	2.78	35.00	1.20	1.80	4.80
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	1	0	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	1	2	2	0	0	0	4	1	5	30.60	3.42	14.24	65.00	15.20	13.03	43.20
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	1	0	0	0	0	1	0	1	1.20	0.25	1.04	20.00	1.20	2.88	7.20
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
19	1	1	3	0	0	0	2	3	5	7.60	0.92	3.82	25.00	4.60	9.20	38.40
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24																
25	0	0	2	1	0	0	2	1	3	1.80	0.58	2.43	35.00	1.20	1.80	4.80
26	0	1	3	1	1	1	0	3	5	4.40	1.17	4.86	45.00	3.20	3.84	9.60
27	0	1	4	0	0	0	3	2	5	4.60	1.17	4.86	55.00	1.80	1.80	4.80
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29																
30																
31	2	1	3	0	0	1	4	1	6	15.00	1.25	5.21	45.00	8.60	10.32	52.80
MAX	2	2	4	1	2	1	4	3	6	30.60	3.42	14.24	65.00	15.20	13.03	52.80
TOTAL	4	7	28	3	5	4	19	14	42	70.00	10.42	1.40				

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