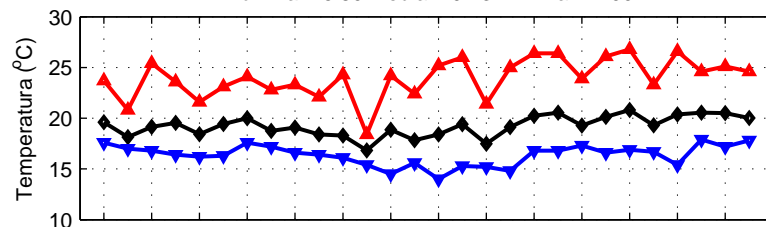


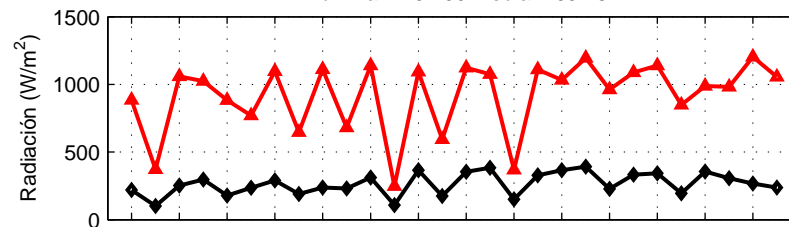
Estación: Acuaseo
Fecha: Febrero de 2013
Registros: 28 de 28

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

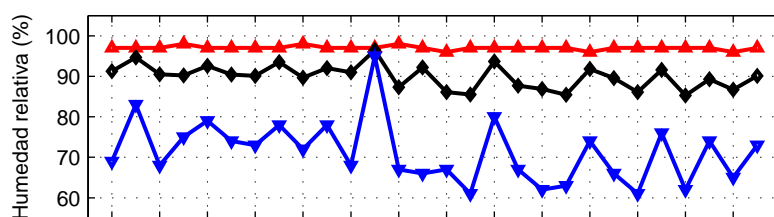
Máxima: 26.80 Media: 19.23 Mínima: 14.00



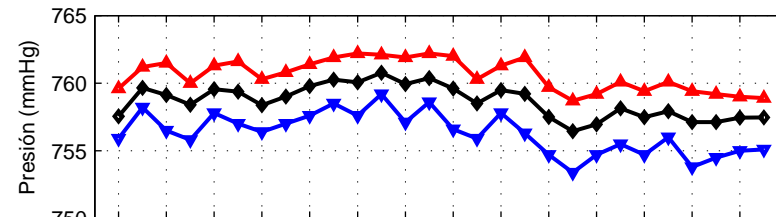
Máxima: 1204.00 Media: 265.28



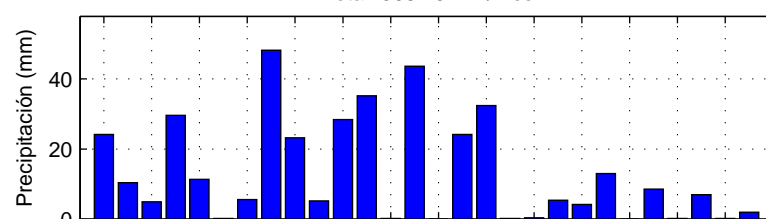
Máxima: 98.00 Media: 89.91 Mínima: 61.00



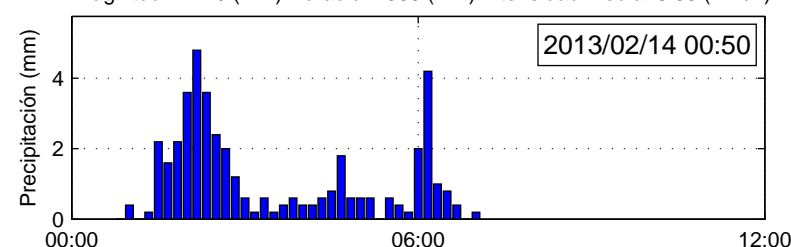
Máxima: 762.20 Media: 758.67 Mínima: 753.40



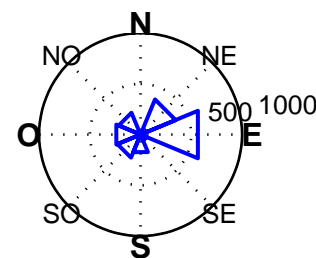
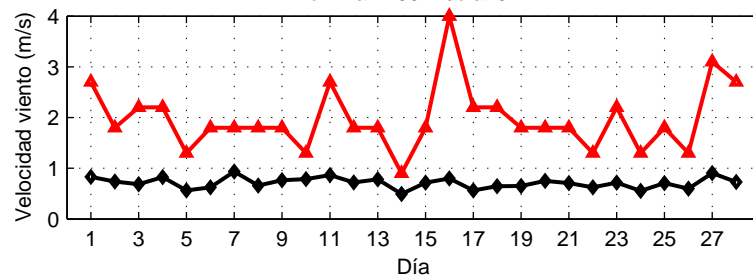
Total: 368.20 mm/mes



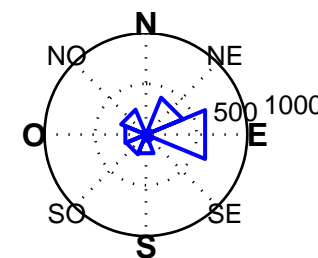
Magnitud: 42.40 (mm) Duración: 380 (min) Intensidad Media: 6.69 (mm/h)



Máxima: 4.00 Media: 0.71



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Febrero de 2013
Registros: 28 de 28

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	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.70	19.62	17.60	2.70	0.83	757.56	91.25	24.20	1.54	884.00	218.76
2	20.80	18.13	17.00	1.80	0.74	759.65	94.64	10.40	0.65	372.00	100.31
3	25.40	19.14	16.80	2.20	0.69	759.12	90.47	5.00	1.89	1059.00	251.93
4	23.60	19.54	16.40	2.20	0.83	758.40	90.20	29.60	2.08	1024.00	296.73
5	21.60	18.41	16.20	1.30	0.57	759.56	92.59	11.40	1.21	883.00	178.39
6	23.10	19.42	16.30	1.80	0.63	759.37	90.42	0.20	1.61	770.00	235.30
7	24.10	20.00	17.60	1.80	0.93	758.37	90.11	5.60	2.08	1097.00	289.83
8	22.80	18.76	17.20	1.80	0.66	759.01	93.51	48.20	1.28	647.00	190.03
9	23.30	19.09	16.60	1.80	0.77	759.79	89.67	23.20	1.77	1111.00	237.76
10	22.10	18.39	16.40	1.30	0.79	760.25	92.04	5.20	1.55	681.00	230.44
11	24.30	18.29	16.10	2.70	0.86	760.06	90.96	28.40	2.11	1140.00	311.96
12	18.40	16.82	15.40	1.80	0.72	760.77	96.47	35.20	0.64	248.00	108.27
13	24.20	18.86	14.50	1.80	0.78	759.93	87.33	0.20	2.66	1094.00	366.37
14	22.40	17.82	15.60	0.90	0.49	760.38	92.16	43.60	1.13	594.00	174.75
15	25.20	18.40	14.00	1.80	0.72	759.60	86.08	0.00	2.56	1123.00	354.49
16	26.00	19.40	15.30	4.00	0.80	758.51	85.49	24.20	2.78	1076.00	383.11
17	21.40	17.49	15.20	2.20	0.56	759.49	93.68	32.40	0.98	369.00	149.77
18	25.00	19.12	14.80	2.20	0.65	759.21	87.70	0.20	2.46	1109.00	327.64
19	26.40	20.25	16.80	1.80	0.65	757.51	86.85	0.40	2.74	1032.00	365.03
20	26.40	20.54	16.80	1.80	0.75	756.45	85.42	5.40	3.06	1195.00	391.88
21	23.90	19.28	17.30	1.80	0.71	756.96	91.79	4.20	1.65	962.00	227.23
22	26.10	20.14	16.60	1.30	0.62	758.14	89.55	13.00	2.48	1089.00	332.18
23	26.80	20.81	16.90	2.20	0.72	757.49	86.12	0.00	2.63	1140.00	343.33
24	23.30	19.30	16.70	1.30	0.55	757.93	91.58	8.60	1.40	849.00	193.99
25	26.60	20.38	15.40	1.80	0.71	757.12	85.29	0.20	2.64	989.00	356.04
26	24.60	20.54	17.90	1.30	0.60	757.13	89.26	7.00	2.27	982.00	306.42
27	25.10	20.50	17.20	3.10	0.91	757.45	86.68	0.20	2.05	1204.00	267.76
28	24.60	20.02	17.80	2.70	0.73	757.47	90.10	2.00	1.70	1056.00	238.07
TOTAL								368.20	53.60		
PROM	23.97	19.23	16.37	1.97	0.71	758.67	89.91			920.68	265.28

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Febrero de 2013
Registros: 28 de 28

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	1	0	1	7	2	2	1	4	9	24.20	2.50	10.42	60.00	22.00	18.86	84.00
2	0	1	0	6	4	3	0	0	7	10.40	2.83	11.81	100.00	8.60	4.69	15.60
3	0	1	1	0	0	0	2	0	2	5.00	0.83	3.47	40.00	4.20	5.04	16.80
4	1	0	2	1	2	0	1	1	4	29.60	4.17	17.36	180.00	25.40	8.02	50.40
5	0	1	0	6	5	1	1	0	7	11.40	3.83	15.97	110.00	8.80	4.40	10.80
6	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	0	1	1	2	1	1	0	2	4	5.60	2.17	9.03	110.00	3.00	1.50	4.80
8	1	1	0	3	1	1	1	2	5	48.20	8.17	34.03	410.00	35.80	5.11	40.80
9	1	1	0	4	4	0	0	2	6	23.20	4.17	17.36	140.00	18.00	7.20	16.80
10	0	0	1	3	2	2	0	0	4	5.20	3.00	12.50	160.00	4.60	1.62	4.80
11	2	1	0	1	1	2	1	0	4	28.40	3.33	13.89	70.00	9.80	7.35	26.40
12	0	3	1	3	2	3	1	1	7	35.20	8.67	36.11	190.00	16.00	4.80	15.60
13	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
14	0	1	0	4	1	3	1	0	5	43.60	6.67	27.78	380.00	42.40	6.52	28.80
15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1	0	1	1	0	0	2	1	3	24.20	1.17	4.86	50.00	22.80	22.80	86.40
17	2	1	1	4	5	0	2	1	8	32.40	4.83	20.14	90.00	20.80	12.48	27.60
18	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
19	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	20.00	0.40	0.80	2.40
20	0	1	1	0	2	0	0	0	2	5.40	1.33	5.56	80.00	5.20	3.47	15.60
21	0	0	1	1	0	0	2	0	2	4.20	1.67	6.94	110.00	4.00	2.00	6.00
22	1	1	0	1	1	0	2	0	3	13.00	1.50	6.25	70.00	10.60	7.95	48.00
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	0	1	0	1	1	0	1	0	2	8.60	2.17	9.03	160.00	8.40	2.96	9.60
25	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
26	0	2	0	1	1	0	2	0	3	7.00	1.17	4.86	40.00	3.80	4.56	18.00
27	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
28	0	0	2	0	0	0	1	1	2	2.00	0.83	3.47	40.00	1.40	1.68	4.80
MAX	2	3	2	7	5	3	2	4	9	48.20	8.67	36.11	410.00	42.40	22.80	86.40
TOTAL	10	17	14	54	37	19	24	15	95	368.20	66.00	9.82				

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