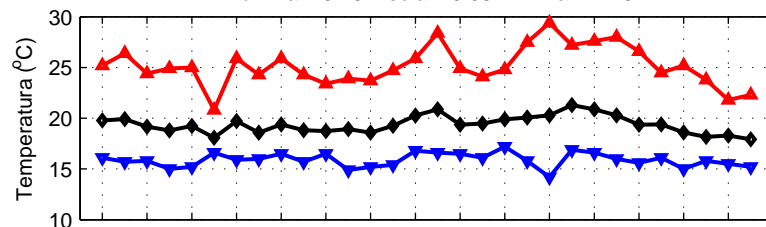


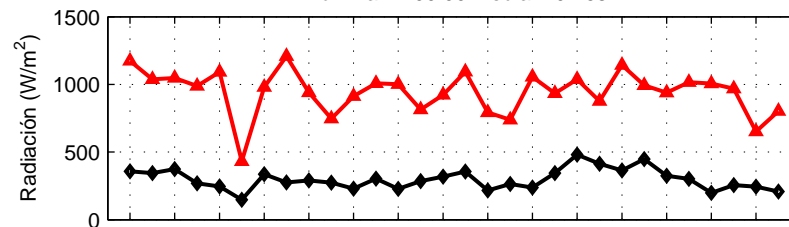
Estación: Acuaseo
Fecha: Septiembre de 2013
Registros: 30 de 30

Reporte climatológico 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>

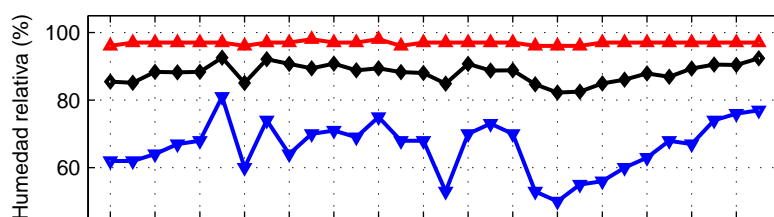
Máxima: 29.40 Media: 19.38 Mínima: 14.20



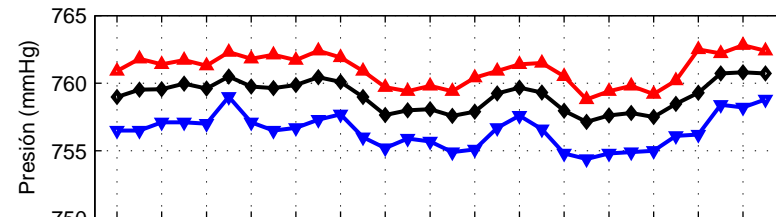
Máxima: 1209.00 Media: 297.68



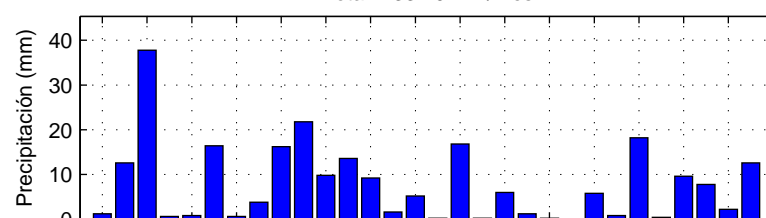
Máxima: 98.00 Media: 88.05 Mínima: 50.00



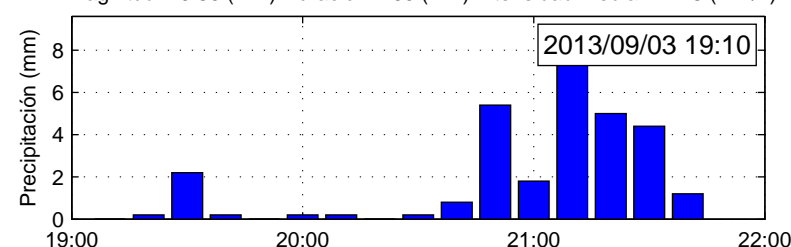
Máxima: 762.80 Media: 759.08 Mínima: 754.40



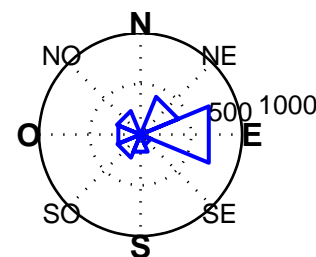
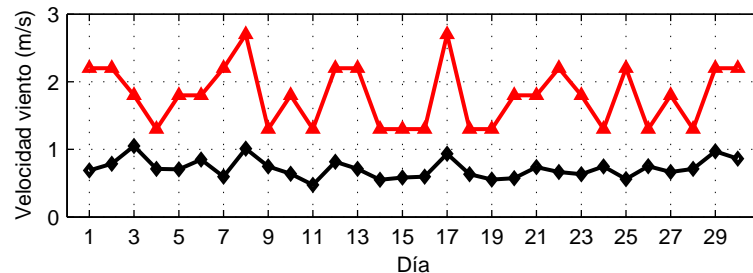
Total: 233.20 mm/mes



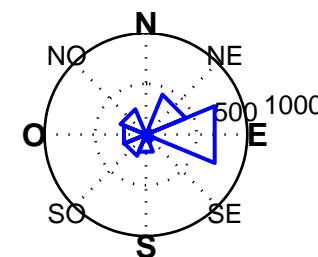
Magnitud: 29.80 (mm) Duración: 160 (min) Intensidad Media: 11.18 (mm/h)



Máxima: 2.70 Media: 0.72



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Septiembre de 2013
Registros: 30 de 30

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	25.20	19.77	16.10	2.20	0.69	758.98	85.44	1.20	2.66	1174.00	356.70
2	26.40	19.92	15.70	2.20	0.79	759.52	85.10	12.60	2.62	1037.00	343.63
3	24.40	19.16	15.80	1.80	1.05	759.55	88.37	37.80	2.89	1048.00	374.58
4	24.90	18.80	15.00	1.30	0.71	759.97	88.19	0.60	2.03	988.00	268.90
5	25.00	19.23	15.20	1.80	0.71	759.60	88.36	0.80	1.89	1091.00	246.06
6	20.80	18.07	16.60	1.80	0.85	760.50	92.55	16.40	1.06	431.00	146.79
7	25.90	19.71	15.90	2.20	0.60	759.75	85.08	0.60	2.70	980.00	335.21
8	24.30	18.58	16.00	2.70	1.01	759.63	92.06	3.80	1.95	1209.00	275.17
9	25.90	19.39	16.50	1.30	0.75	759.86	90.73	16.20	2.03	941.00	290.79
10	24.30	18.82	15.70	1.80	0.64	760.44	89.40	21.80	2.03	747.00	273.40
11	23.40	18.73	16.50	1.30	0.48	760.09	90.77	9.80	1.66	913.00	229.85
12	23.90	18.92	14.90	2.20	0.82	758.97	88.77	13.60	2.12	1008.00	302.65
13	23.70	18.58	15.20	2.20	0.71	757.64	89.42	9.20	1.74	1002.00	227.46
14	24.70	19.27	15.40	1.30	0.55	757.99	88.29	1.60	2.15	814.00	285.16
15	25.90	20.26	16.80	1.30	0.58	758.08	88.04	5.20	2.48	923.00	318.44
16	28.40	20.88	16.60	1.30	0.60	757.59	84.84	0.20	2.73	1094.00	355.67
17	24.90	19.37	16.50	2.70	0.93	757.89	90.69	16.80	1.42	793.00	215.92
18	24.10	19.46	16.10	1.30	0.63	759.25	88.71	0.20	2.02	738.00	263.79
19	24.80	19.89	17.20	1.30	0.55	759.66	88.83	6.00	1.85	1055.00	237.64
20	27.50	20.07	15.80	1.80	0.57	759.31	84.67	1.20	2.68	934.00	344.39
21	29.40	20.29	14.20	1.80	0.74	757.96	82.23	0.20	3.70	1038.00	480.60
22	27.20	21.29	16.90	2.20	0.67	757.14	82.50	0.00	3.24	876.00	413.76
23	27.60	20.88	16.60	1.80	0.63	757.62	84.94	5.80	2.81	1142.00	364.45
24	28.00	20.28	16.00	1.30	0.75	757.80	86.03	0.80	3.37	993.00	447.34
25	26.60	19.36	15.60	2.20	0.56	757.50	87.88	18.20	2.46	939.00	325.24
26	24.50	19.38	16.10	1.30	0.75	758.46	86.90	0.40	2.31	1016.00	302.27
27	25.20	18.59	15.00	1.80	0.66	759.30	89.35	9.60	1.52	1007.00	197.99
28	23.80	18.15	15.80	1.30	0.71	760.71	90.49	7.80	1.82	968.00	255.04
29	21.80	18.28	15.50	2.20	0.97	760.81	90.38	2.20	1.73	651.00	243.70
30	22.30	17.93	15.20	2.20	0.86	760.73	92.37	12.60	1.53	803.00	207.82
TOTAL								233.20	67.20		
PROM	25.16	19.38	15.88	1.80	0.72	759.08	88.05			945.10	297.68

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Septiembre de 2013
Registros: 30 de 30

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	0	0	1	0	0	0	1	0	1	1.20	0.33	1.39	30.00	1.20	1.80	6.00
2	1	0	1	1	1	0	0	2	3	12.60	1.00	4.17	40.00	11.80	14.16	43.20
3	1	1	1	0	1	0	1	1	3	37.80	4.33	18.06	160.00	29.80	10.52	48.00
4	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
5	0	0	0	2	1	0	1	0	2	0.80	0.67	2.78	40.00	0.60	0.72	1.20
6	0	2	2	2	2	4	0	0	6	16.40	5.00	20.83	230.00	9.80	2.45	8.40
7	0	0	1	0	0	0	1	0	1	0.60	0.33	1.39	30.00	0.60	0.90	2.40
8	0	0	1	1	0	2	0	0	2	3.80	2.00	8.33	150.00	3.60	1.35	4.80
9	1	2	1	2	1	1	1	3	6	16.20	2.50	10.42	50.00	8.60	8.60	27.60
10	0	1	0	2	2	0	0	1	3	21.80	4.33	18.06	260.00	21.40	4.76	24.00
11	1	0	0	1	0	1	1	0	2	9.80	1.17	4.86	70.00	9.60	7.20	26.40
12	0	2	1	2	1	0	2	2	5	13.60	2.67	11.11	80.00	9.80	6.53	34.80
13	1	0	0	0	1	0	0	0	1	9.20	1.00	4.17	60.00	9.20	7.89	14.40
14	0	0	1	1	0	0	1	0	2	1.60	0.83	3.47	50.00	1.40	1.40	4.80
15	0	1	0	2	0	0	1	2	3	5.20	1.17	4.86	50.00	4.60	4.60	12.00
16	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
17	0	1	0	0	0	0	1	0	1	16.80	3.17	13.19	210.00	16.80	4.58	18.00
18	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
19	1	0	0	2	1	1	0	1	3	6.00	0.83	3.47	40.00	5.60	6.72	16.80
20	0	0	1	0	1	0	0	0	1	1.20	0.67	2.78	50.00	1.20	1.20	3.60
21	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	0	1	0	0	0	2	2	5.80	0.67	2.78	40.00	5.60	6.72	25.20
24	0	0	0	2	1	0	1	0	2	0.80	0.67	2.78	50.00	0.60	0.60	1.20
25	1	0	0	0	0	0	1	0	1	18.20	0.83	3.47	60.00	18.20	15.60	67.20
26	0	0	1	1	1	0	1	0	2	0.40	0.33	1.39	10.00	0.20	0.60	1.20
27	0	1	2	3	0	1	3	2	6	9.60	2.33	9.72	60.00	5.80	4.97	18.00
28	0	0	2	3	2	0	2	1	5	7.80	3.83	15.97	190.00	6.40	1.92	4.80
29	0	0	0	6	4	1	1	0	6	2.20	1.83	7.64	80.00	1.00	0.67	1.20
30	1	0	1	2	1	0	3	0	4	12.60	2.33	9.72	80.00	10.60	7.07	21.60
MAX	1	2	2	6	4	4	3	3	6	37.80	5.00	20.83	260.00	29.80	15.60	67.20
TOTAL	9	11	17	42	23	13	24	18	79	233.20	45.83	6.37				

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