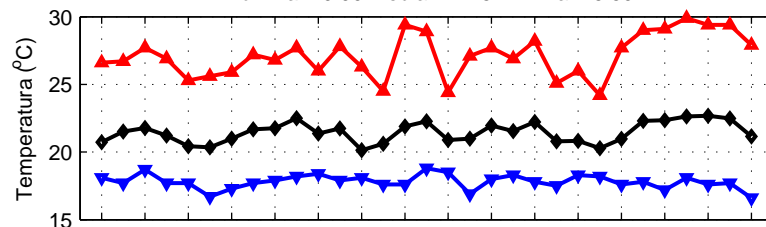


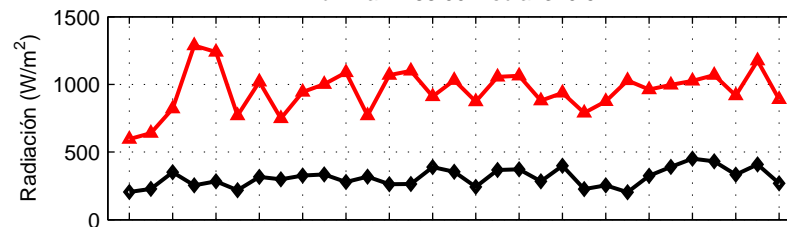
Estación: Acuaseo
Fecha: Agosto de 2012
Registros: 31 de 31

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>

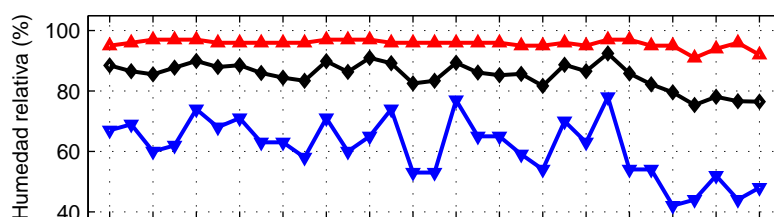
Máxima: 29.90 Media: 21.45 Mínima: 16.60



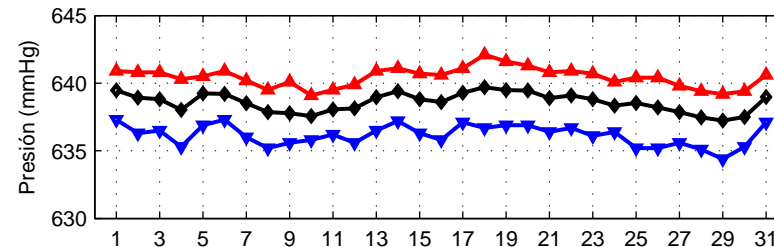
Máxima: 1288.00 Media: 310.67



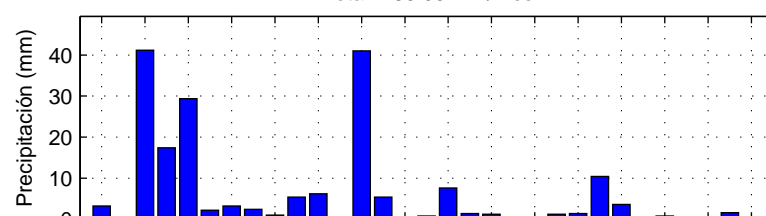
Máxima: 97.00 Media: 85.19 Mínima: 42.00



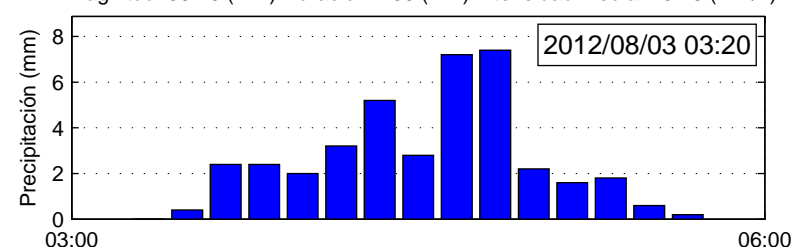
Máxima: 642.10 Media: 638.59 Mínima: 634.40



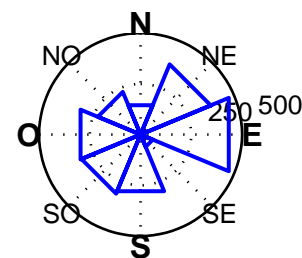
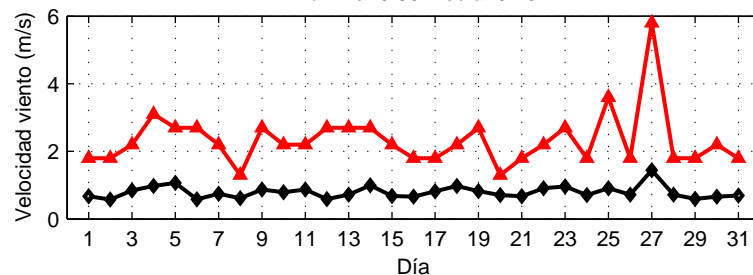
Total: 189.00 mm/mes



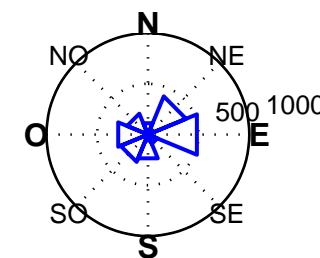
Magnitud: 39.40 (mm) Duración: 150 (min) Intensidad Media: 15.76 (mm/h)



Máxima: 5.80 Media: 0.79



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Agosto de 2012
Registros: 31 de 31

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/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	26.60	20.72	18.10	1.80	0.68	639.48	88.51	3.20	1.60	595.00	204.31
2	26.70	21.51	17.70	1.80	0.58	638.93	86.55	0.00	1.93	640.00	227.28
3	27.70	21.77	18.70	2.20	0.85	638.81	85.50	41.20	2.93	820.00	350.63
4	26.90	21.22	17.70	3.10	0.97	638.03	87.73	17.40	2.08	1288.00	254.52
5	25.30	20.43	17.70	2.70	1.07	639.24	89.96	29.40	2.30	1240.00	283.30
6	25.60	20.35	16.70	2.70	0.58	639.20	87.97	2.20	1.73	769.00	218.08
7	25.90	20.99	17.30	2.20	0.75	638.52	88.58	3.20	2.51	1019.00	316.36
8	27.20	21.68	17.70	1.30	0.61	637.85	85.97	2.40	2.50	748.00	298.88
9	26.80	21.76	17.90	2.70	0.87	637.79	84.46	1.00	2.76	944.00	326.48
10	27.70	22.50	18.20	2.20	0.79	637.56	83.42	5.40	2.78	1001.00	334.49
11	26.00	21.37	18.40	2.20	0.87	638.06	89.87	6.20	2.24	1089.00	278.19
12	27.80	21.74	17.90	2.70	0.59	638.15	86.36	0.40	2.58	769.00	317.40
13	26.30	20.13	18.10	2.70	0.72	638.96	90.95	41.00	2.06	1068.00	261.29
14	24.50	20.60	17.60	2.70	1.00	639.40	89.19	5.40	2.23	1100.00	264.32
15	29.40	21.89	17.60	2.20	0.68	638.81	82.51	0.20	3.20	911.00	388.36
16	28.90	22.26	18.80	1.80	0.66	638.61	83.43	0.80	2.88	1031.00	354.28
17	24.40	20.90	18.50	1.80	0.82	639.29	89.36	7.60	1.99	873.00	242.21
18	27.10	20.99	16.90	2.20	0.98	639.70	86.09	1.40	2.99	1056.00	366.58
19	27.70	21.96	18.00	2.70	0.82	639.50	85.26	1.20	3.10	1063.00	372.92
20	26.90	21.55	18.30	1.30	0.71	639.46	85.65	0.20	2.40	880.00	283.25
21	28.20	22.22	17.80	1.80	0.67	638.89	81.71	0.20	3.45	937.00	397.66
22	25.10	20.78	17.50	2.20	0.91	639.09	88.67	1.20	1.84	789.00	226.14
23	26.00	20.83	18.30	2.70	0.96	638.81	86.60	1.40	2.10	875.00	253.97
24	24.20	20.29	18.20	1.80	0.71	638.33	92.45	10.40	1.52	1029.00	202.70
25	27.70	20.97	17.60	3.60	0.91	638.53	85.81	3.60	2.57	962.00	324.86
26	29.00	22.30	17.80	1.80	0.72	638.20	82.23	0.00	3.41	997.00	390.49
27	29.10	22.36	17.20	5.80	1.44	637.86	79.58	0.80	4.08	1026.00	450.70
28	29.90	22.63	18.10	1.80	0.72	637.46	75.40	0.00	3.89	1069.00	431.38
29	29.40	22.69	17.60	1.80	0.59	637.24	78.13	0.00	2.97	918.00	332.74
30	29.40	22.48	17.70	2.20	0.66	637.51	76.63	1.60	3.54	1176.00	408.08
31	27.90	21.15	16.60	1.80	0.69	638.98	76.44	0.00	2.44	890.00	268.86
TOTAL								189.00	80.60		
PROM	27.14	21.45	17.81	2.33	0.79	638.59	85.19			953.94	310.67

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Agosto de 2012
Registros: 31 de 31

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	3	1	0	1	3	0	4	3.20	1.50	6.25	30.00	1.20	1.80	4.80
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1	1	0	0	2	0	0	0	2	41.20	2.67	11.11	150.00	39.40	14.78	44.40
4	1	0	2	1	2	1	0	1	4	17.40	3.50	14.58	100.00	13.80	7.53	20.40
5	1	1	0	0	1	0	1	0	2	29.40	4.83	20.14	260.00	17.20	3.82	20.40
6	0	0	1	0	0	0	1	0	1	2.20	0.83	3.47	60.00	2.20	1.89	4.80
7	0	1	1	0	1	0	1	0	2	3.20	1.00	4.17	40.00	2.00	2.40	9.60
8	0	1	0	0	0	0	0	1	1	2.40	0.50	2.08	40.00	2.40	2.88	7.20
9	0	0	1	1	1	0	1	0	2	1.00	0.33	1.39	20.00	0.80	1.60	4.80
10	0	1	0	0	0	0	0	1	1	5.40	1.17	4.86	100.00	5.40	2.95	13.20
11	0	1	1	3	1	0	3	1	5	6.20	1.50	6.25	50.00	5.00	5.00	25.20
12	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
13	2	0	1	3	1	2	2	1	6	41.00	4.67	19.44	160.00	25.20	8.89	39.60
14	1	0	0	1	1	0	1	0	2	5.40	0.67	2.78	40.00	5.20	6.24	19.20
15	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	0	0	1	0	1	0	0	0	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
17	0	1	2	3	2	1	0	3	6	7.60	2.00	8.33	50.00	5.20	5.20	12.00
18	0	0	1	1	1	0	1	0	2	1.40	0.50	2.08	30.00	1.20	1.80	6.00
19	0	0	1	2	1	0	0	2	3	1.20	0.67	2.78	30.00	0.80	1.20	3.60
20	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
21	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	0	0	0	2	0	0	1	1	2	1.20	0.83	3.47	60.00	1.00	0.86	2.40
23	0	0	1	0	0	0	1	0	1	1.40	0.83	3.47	60.00	1.40	1.20	3.60
24	1	0	4	4	3	2	4	0	9	10.40	2.83	11.81	40.00	6.00	7.20	24.00
25	0	0	2	1	1	0	1	1	3	3.60	2.50	10.42	100.00	1.80	0.98	2.40
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	3	3	0	0	0	3	0.80	0.67	2.78	30.00	0.40	0.60	1.20
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	1	0	0	1	0	0	0	1	1.60	0.33	1.39	30.00	1.60	2.40	7.20
31	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	1	4	4	3	2	4	3	9	41.20	4.83	20.14	260.00	39.40	14.78	44.40
TOTAL	7	8	22	31	26	9	21	12	68	189.00	35.67	4.79				

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