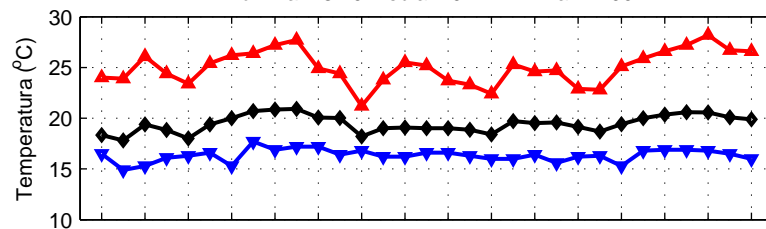


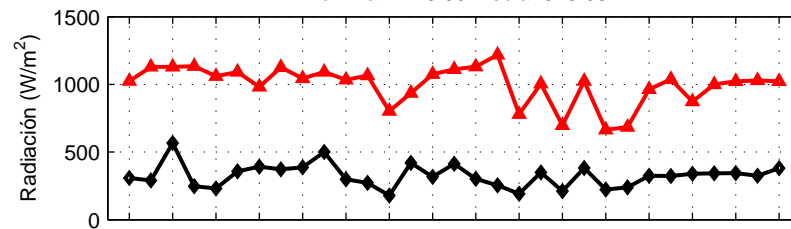
**Estación: Acuaseo**  
**Fecha: Diciembre de 2012**  
**Registros: 31 de 31**

Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
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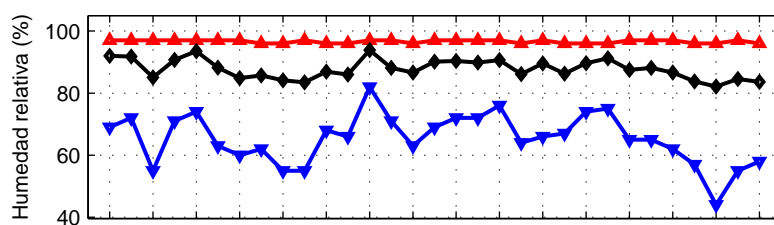
Máxima: 28.20 Media: 19.47 Mínima: 14.90



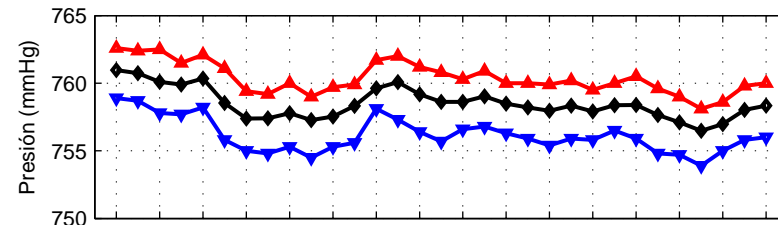
Máxima: 1219.00 Media: 325.08



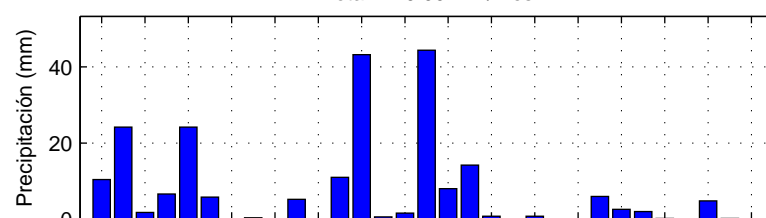
Máxima: 97.00 Media: 87.77 Mínima: 44.00



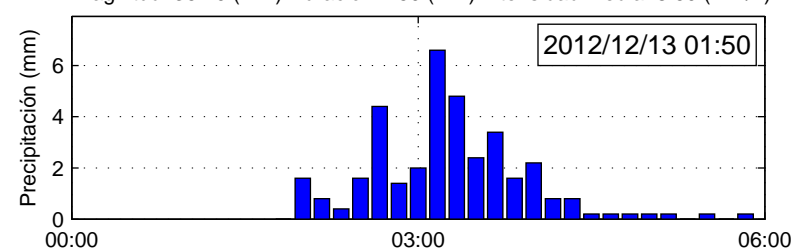
Máxima: 762.60 Media: 758.50 Mínima: 753.90



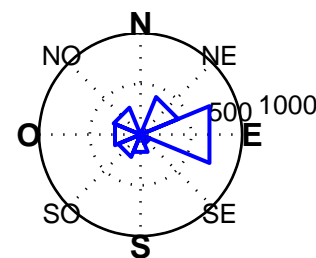
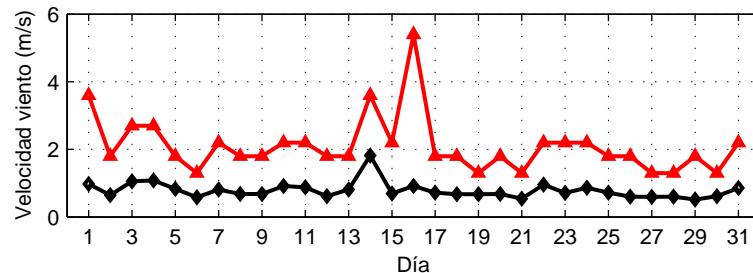
Total: 219.00 mm/mes



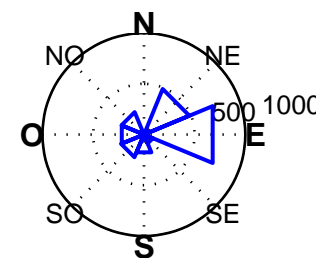
Magnitud: 36.20 (mm) Duración: 250 (min) Intensidad Media: 8.69 (mm/h)



Máxima: 5.40 Media: 0.78



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Acuaseo**  
**Fecha: Diciembre de 2012**  
**Registros: 31 de 31**

Red Hidroclimatológica del Departamento de Risaralda  
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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.00	18.34	16.50	3.60	0.98	760.97	92.03	10.40	2.11	1024.00	308.00
2	23.90	17.80	14.90	1.80	0.65	760.73	91.82	24.20	2.02	1129.00	290.69
3	26.10	19.40	15.30	2.70	1.06	760.10	85.06	1.80	4.31	1130.00	565.95
4	24.40	18.85	16.10	2.70	1.08	759.90	90.69	6.60	1.81	1135.00	246.75
5	23.40	18.01	16.30	1.80	0.83	760.34	93.47	24.20	1.62	1061.00	231.30
6	25.40	19.38	16.60	1.30	0.58	758.54	88.20	5.80	2.48	1091.00	357.30
7	26.20	20.01	15.30	2.20	0.81	757.38	84.82	0.00	3.01	981.00	392.39
8	26.40	20.70	17.70	1.80	0.68	757.40	85.72	0.40	2.61	1126.00	371.72
9	27.20	20.85	16.90	1.80	0.68	757.78	84.13	0.00	3.01	1044.00	387.43
10	27.70	20.93	17.20	2.20	0.92	757.27	83.48	5.20	3.78	1091.00	499.56
11	24.90	20.06	17.20	2.20	0.87	757.54	86.93	0.00	2.21	1034.00	298.46
12	24.40	20.02	16.40	1.80	0.62	758.32	85.96	11.00	2.01	1066.00	272.19
13	21.20	18.19	16.80	1.80	0.81	759.62	93.83	43.20	1.25	803.00	178.66
14	23.80	19.01	16.20	3.60	1.82	760.08	88.11	0.60	3.25	935.00	419.46
15	25.50	19.08	16.20	2.20	0.69	759.17	86.63	1.60	2.36	1075.00	316.17
16	25.20	19.02	16.60	5.40	0.91	758.62	90.16	44.40	2.88	1112.00	413.12
17	23.70	19.01	16.60	1.80	0.72	758.62	90.34	8.00	2.09	1131.00	302.03
18	23.30	18.86	16.30	1.80	0.68	759.03	89.85	14.20	1.85	1219.00	253.93
19	22.40	18.40	16.00	1.30	0.67	758.49	90.65	0.80	1.36	779.00	191.08
20	25.30	19.72	16.00	1.80	0.68	758.20	86.12	0.00	2.53	1005.00	349.23
21	24.60	19.53	16.40	1.30	0.54	757.96	89.58	0.80	1.56	697.00	211.30
22	24.70	19.59	15.60	2.20	0.96	758.34	86.24	0.00	2.90	1024.00	382.41
23	22.90	19.15	16.20	2.20	0.71	757.91	89.60	0.00	1.57	665.00	223.16
24	22.80	18.69	16.30	2.20	0.86	758.38	91.19	6.00	1.75	685.00	238.24
25	25.10	19.41	15.30	1.80	0.72	758.39	87.47	2.60	2.37	964.00	324.33
26	25.90	20.00	16.80	1.80	0.60	757.64	88.10	2.00	2.43	1038.00	323.08
27	26.60	20.35	16.90	1.30	0.60	757.11	86.60	0.20	2.52	874.00	338.51
28	27.20	20.59	16.90	1.30	0.60	756.49	83.79	0.00	2.64	1000.00	341.73
29	28.20	20.58	16.80	1.80	0.52	756.97	82.09	4.80	2.68	1022.00	344.01
30	26.70	20.09	16.50	1.30	0.61	758.02	84.52	0.20	2.39	1029.00	325.18
31	26.60	19.89	16.00	2.20	0.86	758.34	83.64	0.00	3.04	1023.00	380.20
TOTAL								219.00	74.40		
PROM	25.02	19.47	16.35	2.10	0.78	758.50	87.77			999.74	325.08

Cuadro 1: Resumen de análisis climatológico

**Estación: Acuaseo**  
**Fecha: Diciembre de 2012**  
**Registros: 31 de 31**

Red Hidroclimatológica del Departamento de Risaralda  
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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	3	1	2	3	0	6	10.40	3.50	14.58	70.00	6.60	4.95	13.20
2	1	0	1	0	0	0	2	0	2	24.20	2.67	11.11	150.00	22.60	8.47	36.00
3	0	0	1	1	0	0	1	1	2	1.80	1.00	4.17	70.00	1.60	1.20	2.40
4	1	0	1	1	0	0	2	0	3	6.60	1.33	5.56	30.00	4.20	6.30	14.40
5	1	0	0	4	1	2	1	1	5	24.20	1.83	7.64	70.00	23.20	17.40	90.00
6	0	1	0	1	2	0	0	0	2	5.80	1.17	4.86	80.00	5.60	3.73	16.80
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
9	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0	1	1	1	3	0	0	0	3	5.20	1.50	6.25	70.00	4.00	3.00	10.80
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	0	2	0	0	0	0	0	2	2	11.00	1.83	7.64	90.00	7.20	4.32	14.40
13	1	1	1	3	2	2	0	2	6	43.20	6.17	25.69	250.00	36.20	8.35	39.60
14	0	0	0	3	0	1	0	2	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
15	0	0	1	3	2	1	0	1	4	1.60	1.00	4.17	30.00	0.80	1.20	2.40
16	1	2	0	1	1	2	1	0	4	44.40	6.17	25.69	330.00	24.40	4.31	33.60
17	1	0	0	3	1	1	1	1	4	8.00	1.50	6.25	50.00	7.00	7.00	32.40
18	0	1	0	0	1	0	0	0	1	14.20	3.17	13.19	210.00	14.20	3.87	20.40
19	0	0	0	2	2	0	0	0	2	0.80	0.67	2.78	40.00	0.60	0.72	1.20
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	4	3	1	0	0	4	0.80	0.67	2.78	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	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	0	0	0	1	0	1	6.00	1.17	4.86	80.00	6.00	4.00	13.20
25	0	1	0	2	0	0	2	1	3	2.60	1.00	4.17	40.00	2.00	2.40	8.40
26	0	0	1	4	3	0	1	1	5	2.00	1.17	4.86	40.00	1.20	1.44	3.60
27	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	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	1	0	0	0	0	0	1	1	4.80	0.67	2.78	50.00	4.80	4.80	10.80
30	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	2	2	4	3	2	3	2	6	44.40	6.17	25.69	330.00	36.20	17.40	90.00
TOTAL	6	12	9	40	24	14	15	13	67	219.00	39.33	5.29				

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