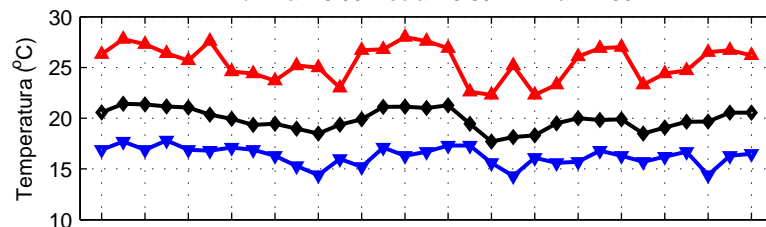


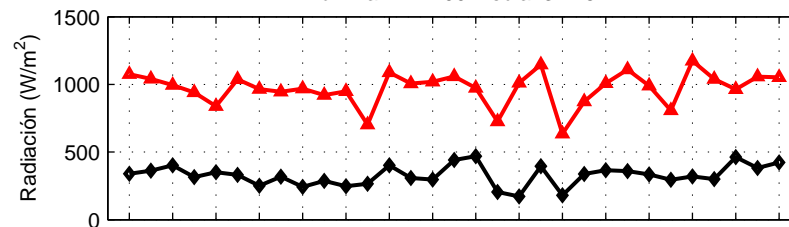
Estación: Acuaseo
Fecha: Diciembre de 2009
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Red Hidroclimatológica del Departamento de Risaralda
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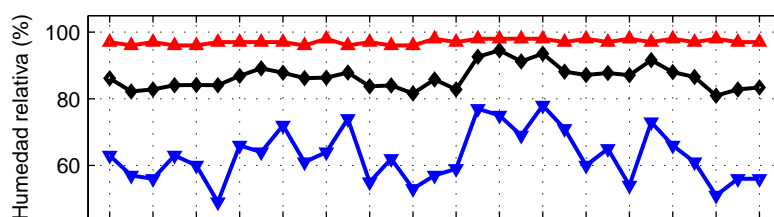
Máxima: 28.00 Media: 19.89 Mínima: 14.30



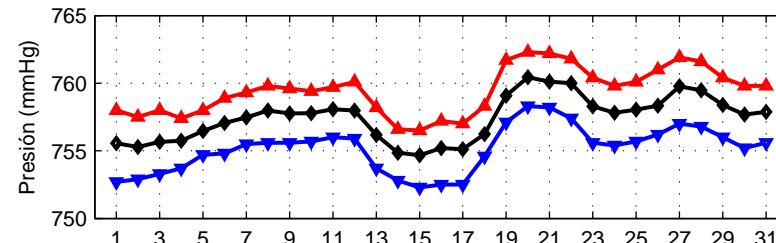
Máxima: 1174.00 Media: 327.52



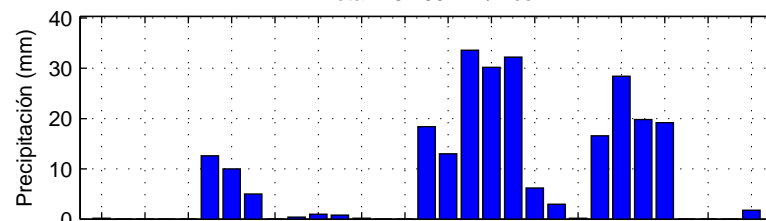
Máxima: 98.00 Media: 86.50 Mínima: 49.00



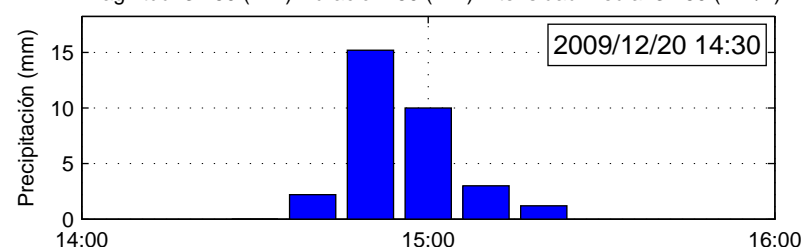
Máxima: 762.30 Media: 757.43 Mínima: 752.30



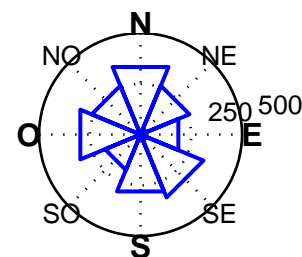
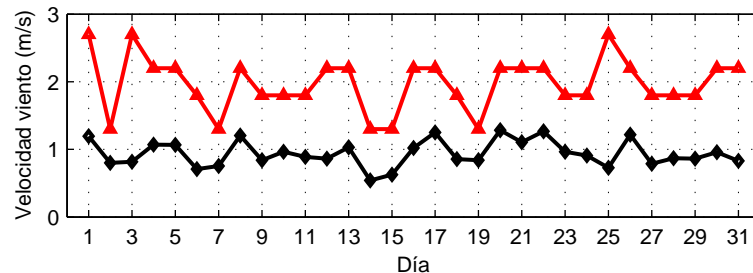
Total: 252.80 mm/mes



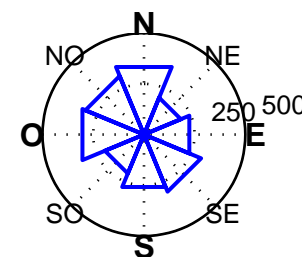
Magnitud: 31.60 (mm) Duración: 60 (min) Intensidad Media: 31.60 (mm/h)



Máxima: 2.70 Media: 0.94



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Diciembre de 2009
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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	26.30	20.56	16.90	2.70	1.19	755.57	86.13	0.20	2.58	1075.00	338.92
2	27.80	21.42	17.70	1.30	0.80	755.28	82.22	0.00	2.87	1040.00	362.10
3	27.30	21.35	16.90	2.70	0.82	755.65	82.81	0.00	3.02	995.00	401.62
4	26.40	21.16	17.80	2.20	1.07	755.74	84.08	0.00	2.51	940.00	314.47
5	25.70	21.05	16.90	2.20	1.07	756.47	84.17	0.00	2.80	839.00	350.66
6	27.60	20.34	16.80	1.80	0.71	757.06	84.06	12.60	2.41	1037.00	331.53
7	24.60	19.93	17.10	1.30	0.76	757.46	86.90	10.00	1.84	966.00	250.71
8	24.40	19.35	16.90	2.20	1.21	757.98	89.17	5.00	2.31	946.00	318.37
9	23.70	19.44	16.30	1.80	0.84	757.76	87.83	0.00	1.68	969.00	242.94
10	25.20	18.98	15.30	1.80	0.96	757.77	86.20	0.40	2.06	921.00	285.90
11	25.00	18.50	14.40	1.80	0.89	758.08	86.34	1.00	1.87	949.00	247.27
12	23.00	19.36	16.00	2.20	0.86	757.98	87.92	0.80	1.85	703.00	265.90
13	26.70	19.89	15.20	2.20	1.03	756.16	83.77	0.20	2.98	1089.00	401.36
14	26.80	21.12	17.10	1.30	0.54	754.86	83.99	0.00	2.33	1006.00	307.87
15	28.00	21.15	16.30	1.30	0.63	754.67	81.61	0.00	2.38	1019.00	296.59
16	27.60	21.00	16.70	2.20	1.02	755.20	85.79	18.40	3.37	1059.00	440.99
17	26.90	21.27	17.30	2.20	1.25	755.12	82.81	13.00	3.71	974.00	469.25
18	22.60	19.46	17.30	1.80	0.86	756.23	92.62	33.60	1.43	725.00	203.73
19	22.30	17.70	15.60	1.30	0.84	759.07	94.56	30.20	1.12	1011.00	170.88
20	25.20	18.13	14.30	2.20	1.28	760.45	91.19	32.20	2.91	1146.00	395.55
21	22.30	18.31	16.10	2.20	1.11	760.10	93.53	6.20	1.34	635.00	179.73
22	23.30	19.49	15.60	2.20	1.27	760.00	88.18	3.00	2.44	873.00	337.64
23	26.10	20.00	15.70	1.80	0.96	758.28	87.15	0.20	2.75	1008.00	364.73
24	26.90	19.82	16.80	1.80	0.91	757.82	87.77	16.60	2.69	1109.00	359.00
25	27.00	19.88	16.30	2.70	0.73	758.03	87.11	28.40	2.47	990.00	334.30
26	23.30	18.49	15.70	2.20	1.22	758.33	91.65	19.80	2.12	807.00	294.28
27	24.40	19.08	16.20	1.80	0.79	759.76	88.04	19.20	2.31	1174.00	319.29
28	24.70	19.65	16.70	1.80	0.87	759.48	86.58	0.00	2.15	1039.00	300.47
29	26.50	19.68	14.40	1.80	0.86	758.38	80.98	0.00	3.40	963.00	462.33
30	26.70	20.56	16.30	2.20	0.96	757.68	82.81	0.00	2.87	1058.00	381.29
31	26.20	20.55	16.50	2.20	0.83	757.87	83.44	1.80	3.03	1053.00	423.35
TOTAL								252.80	75.60		
PROM	25.50	19.89	16.29	1.97	0.94	757.43	86.50			971.55	327.52

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Diciembre de 2009
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	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	2	3	1	0	0	4	12.60	2.17	9.03	50.00	10.00	10.00	42.00
7	0	1	0	1	1	0	1	0	2	10.00	2.17	9.03	130.00	9.80	4.20	15.60
8	0	1	2	3	4	1	1	0	6	5.00	2.00	8.33	50.00	2.00	2.00	4.80
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	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
11	0	0	1	1	0	0	2	0	2	1.00	0.67	2.78	40.00	0.80	0.96	2.40
12	0	0	1	0	0	0	1	0	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
13	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	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	2	1	1	2	0	4	18.40	1.83	7.64	90.00	17.20	10.32	26.40
17	1	0	0	1	0	1	0	1	2	13.00	1.00	4.17	60.00	12.80	10.97	26.40
18	1	2	0	1	1	1	1	1	4	33.60	3.83	15.97	80.00	15.00	10.00	26.40
19	0	2	1	6	4	2	2	1	9	30.20	7.33	30.56	270.00	23.80	5.10	28.80
20	1	0	0	1	0	0	2	0	2	32.20	1.17	4.86	60.00	31.60	27.09	91.20
21	0	1	0	1	0	0	2	0	2	6.20	1.33	5.56	100.00	6.00	3.27	24.00
22	0	0	1	2	1	0	0	2	3	3.00	1.00	4.17	70.00	2.60	1.95	8.40
23	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
24	1	0	0	1	1	0	1	0	2	16.60	1.67	6.94	100.00	16.40	8.95	34.80
25	1	1	1	2	2	1	1	1	5	28.40	3.17	13.19	100.00	13.60	7.42	49.20
26	2	0	0	4	2	0	2	1	6	19.80	3.50	14.58	100.00	13.80	7.53	25.20
27	1	2	0	3	3	0	0	3	6	19.20	2.83	11.81	70.00	12.80	9.60	32.40
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	0	1	2	3	0	0	0	3	1.80	1.00	4.17	60.00	1.40	1.20	2.40
MAX	2	2	2	6	4	2	2	3	9	33.60	7.33	30.56	270.00	31.60	27.09	91.20
TOTAL	10	10	10	38	27	9	21	10	68	252.80	38.00	5.11				

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