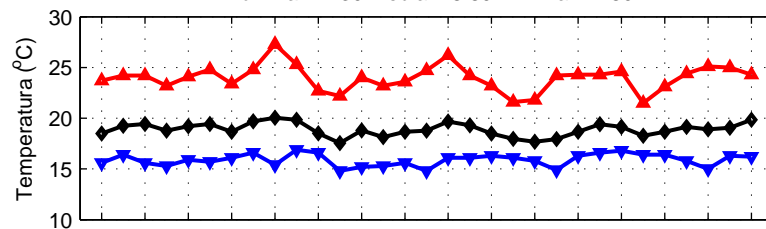


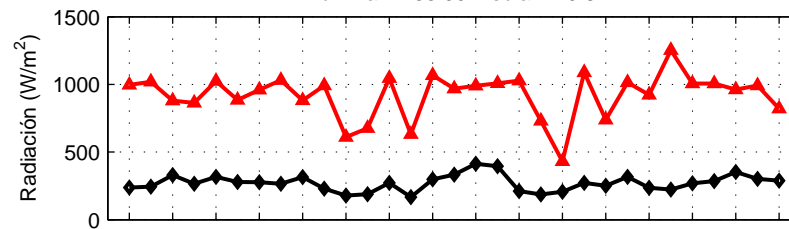
Estación: Acuaseo
Fecha: Diciembre de 2008
Registros: 31 de 31

Reporte climatológico mensual
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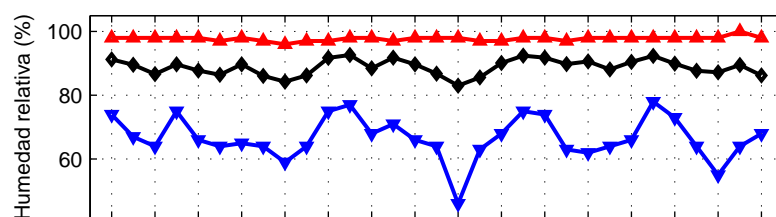
Máxima: 27.30 Media: 18.89 Mínima: 14.80



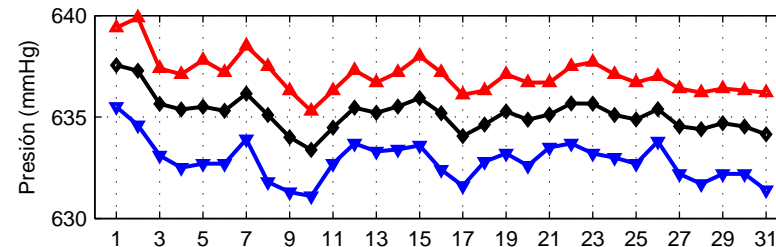
Máxima: 1253.00 Media: 270.87



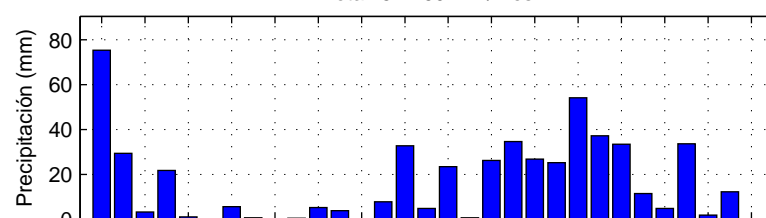
Máxima: 100.00 Media: 88.82 Mínima: 46.00



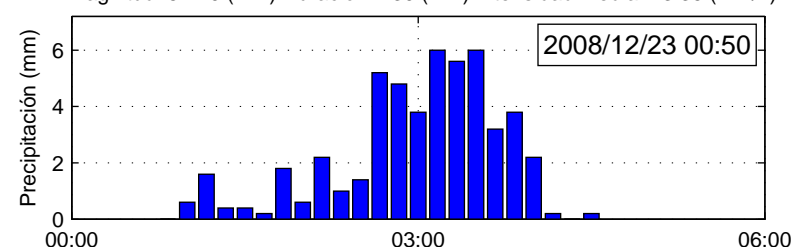
Máxima: 639.90 Media: 635.16 Mínima: 631.10



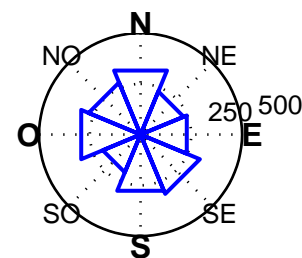
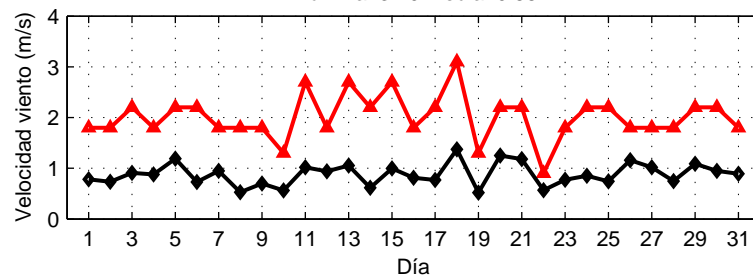
Total: 517.60 mm/mes



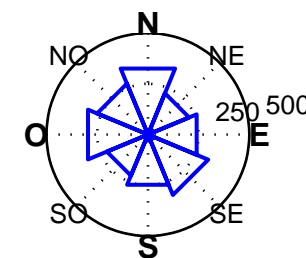
Magnitud: 51.20 (mm) Duración: 230 (min) Intensidad Media: 13.36 (mm/h)



Máxima: 3.10 Media: 0.88



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Diciembre de 2008
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/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.70	18.48	15.60	1.80	0.78	637.55	91.26	75.40	1.79	996.00	236.93
2	24.20	19.25	16.40	1.80	0.73	637.28	89.60	29.40	1.92	1019.00	243.30
3	24.20	19.42	15.60	2.20	0.91	635.65	86.67	3.20	2.54	880.00	330.04
4	23.20	18.78	15.30	1.80	0.88	635.37	89.69	21.80	2.02	864.00	265.93
5	24.10	19.22	15.90	2.20	1.19	635.51	87.76	1.00	2.47	1025.00	316.83
6	24.80	19.42	15.70	2.20	0.73	635.30	86.41	0.00	2.18	884.00	279.29
7	23.40	18.66	16.10	1.80	0.95	636.15	89.69	5.60	2.07	960.00	276.45
8	24.80	19.69	16.60	1.80	0.53	635.10	86.10	0.60	2.04	1031.00	265.00
9	27.30	20.05	15.40	1.80	0.70	634.01	84.30	0.20	2.57	881.00	314.50
10	25.30	19.86	16.90	1.30	0.56	633.38	86.24	0.40	1.85	991.00	228.96
11	22.70	18.52	16.60	2.70	1.02	634.47	91.74	5.20	1.38	610.00	177.51
12	22.20	17.54	14.80	1.80	0.94	635.46	92.60	3.80	1.46	676.00	187.60
13	24.00	18.80	15.20	2.70	1.05	635.20	88.47	0.20	2.03	1046.00	272.07
14	23.20	18.14	15.30	2.20	0.62	635.52	91.78	7.80	1.25	632.00	167.43
15	23.60	18.67	15.60	2.70	1.00	635.93	89.69	32.80	2.26	1067.00	298.67
16	24.70	18.78	14.80	1.80	0.81	635.19	86.78	4.80	2.57	968.00	333.31
17	26.20	19.68	16.10	2.20	0.77	634.06	83.01	23.40	3.14	990.00	413.06
18	24.20	19.31	16.10	3.10	1.37	634.63	85.60	0.60	3.13	1008.00	394.80
19	23.20	18.48	16.30	1.30	0.52	635.28	90.13	26.20	1.49	1027.00	211.37
20	21.60	17.96	16.10	2.20	1.25	634.87	92.44	34.60	1.41	730.00	186.08
21	21.80	17.68	15.80	2.20	1.18	635.12	91.81	26.80	1.50	432.00	206.32
22	24.20	17.94	14.90	0.90	0.57	635.67	89.78	25.20	2.10	1089.00	271.17
23	24.30	18.67	16.30	1.80	0.77	635.66	90.65	54.20	1.86	739.00	251.00
24	24.30	19.42	16.60	2.20	0.85	635.10	88.08	37.20	2.36	1014.00	315.87
25	24.60	19.16	16.80	2.20	0.74	634.88	90.44	33.40	1.74	922.00	235.71
26	21.50	18.27	16.40	1.80	1.16	635.38	92.33	11.40	1.57	1253.00	222.07
27	23.10	18.66	16.40	1.80	1.02	634.54	89.89	4.80	2.08	1007.00	268.58
28	24.40	19.15	15.80	1.80	0.75	634.40	87.68	33.60	2.24	1006.00	285.14
29	25.10	18.91	15.00	2.20	1.09	634.69	87.22	1.80	2.77	962.00	352.65
30	25.00	19.06	16.30	2.20	0.95	634.53	89.47	12.20	2.37	991.00	301.39
31	24.30	19.84	16.20	1.80	0.89	634.15	86.20	0.00	2.25	821.00	287.93
TOTAL								517.60	64.41		
PROM	23.97	18.89	15.90	2.01	0.88	635.16	88.82			920.03	270.87

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Diciembre de 2008
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	2	0	1	3	3	0	3	0	6	75.40	5.83	24.31	200.00	38.60	11.03	38.40
2	1	0	1	3	1	0	1	3	5	29.40	2.00	8.33	70.00	27.20	20.40	60.00
3	0	0	2	3	3	0	0	2	5	3.20	2.00	8.33	70.00	1.60	1.20	3.60
4	1	0	1	6	6	0	0	2	8	21.80	3.50	14.58	140.00	20.20	8.08	54.00
5	0	0	1	1	2	0	0	0	2	1.00	0.50	2.08	20.00	0.80	1.60	2.40
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	2	0	1	1	1	1	0	3	5.60	1.67	6.94	60.00	3.20	2.74	6.00
8	0	0	1	1	2	0	0	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
9	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
10	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
11	0	1	0	1	0	1	1	0	2	5.20	1.33	5.56	60.00	4.60	3.94	16.80
12	0	0	1	6	0	1	5	1	7	3.80	2.50	10.42	70.00	2.00	1.50	2.40
13	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
14	0	1	0	0	0	0	1	0	1	7.80	1.00	4.17	70.00	7.80	5.85	16.80
15	1	0	1	1	0	0	1	2	3	32.80	3.50	14.58	190.00	31.40	9.42	44.40
16	0	1	1	5	6	0	0	1	7	4.80	2.00	8.33	30.00	2.20	3.30	8.40
17	1	0	1	1	1	0	0	2	3	23.40	1.67	6.94	90.00	22.60	13.56	42.00
18	0	0	0	3	1	1	0	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
19	0	1	3	3	4	1	0	2	7	26.20	6.33	26.39	190.00	20.00	6.00	22.80
20	2	1	1	5	4	3	1	1	9	34.60	6.00	25.00	130.00	19.40	8.31	27.60
21	0	1	2	4	3	1	0	3	7	26.80	5.33	22.22	200.00	22.60	6.46	25.20
22	1	0	1	2	2	0	2	0	4	25.20	2.00	8.33	100.00	24.40	13.31	52.80
23	1	0	1	0	1	1	0	0	2	54.20	4.50	18.75	230.00	51.20	12.80	36.00
24	1	0	2	0	2	1	0	0	3	37.20	4.67	19.44	260.00	36.00	8.00	42.00
25	1	1	1	1	1	0	2	1	4	33.40	3.17	13.19	60.00	20.00	17.14	61.20
26	0	1	3	3	3	4	0	0	7	11.40	3.83	15.97	70.00	4.80	3.60	6.00
27	0	0	1	1	1	1	0	0	2	4.80	3.33	13.89	230.00	4.60	1.15	2.40
28	2	0	0	2	2	0	0	2	4	33.60	3.17	13.19	140.00	20.80	8.32	38.40
29	0	0	1	2	2	0	1	0	3	1.80	1.00	4.17	30.00	0.80	1.20	3.60
30	1	0	1	2	3	0	1	0	4	12.20	1.83	7.64	50.00	9.00	9.00	25.20
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	2	3	6	6	4	5	3	9	75.40	6.33	26.39	260.00	51.20	20.40	61.20
TOTAL	15	10	28	64	55	17	21	24	117	517.60	74.17	9.97				

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