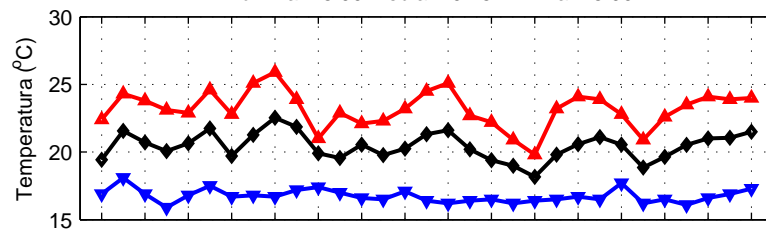


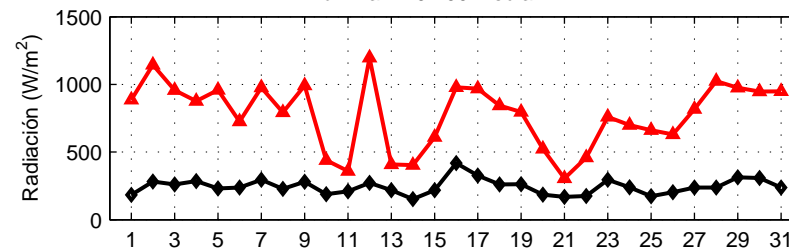
Estación: Mundo Nuevo
Fecha: Diciembre de 2008
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Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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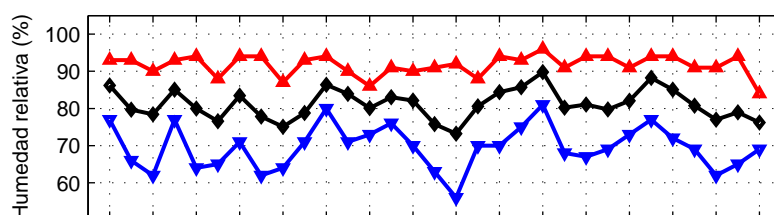
Máxima: 25.90 Media: 20.45 Mínima: 15.90



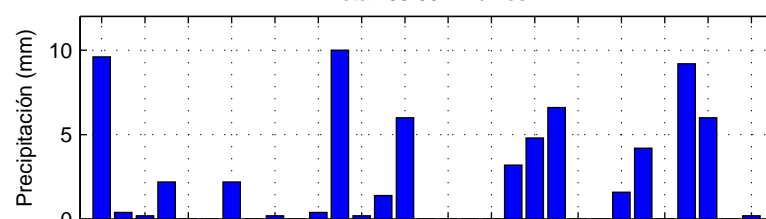
Máxima: 1197.00 Media: 244.42



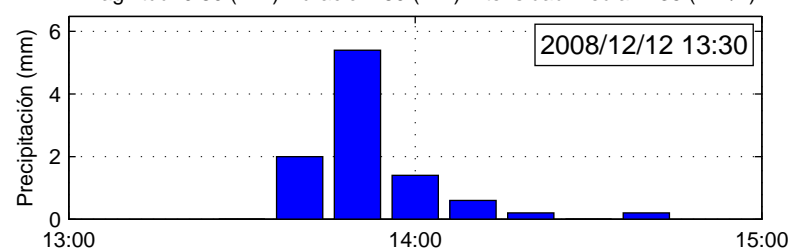
Máxima: 96.00 Media: 81.13 Mínima: 56.00



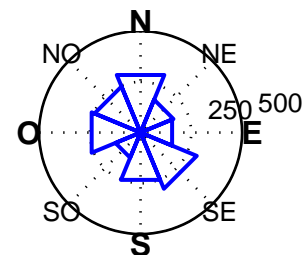
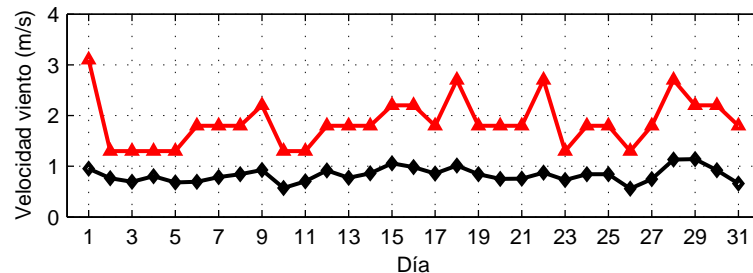
Total: 68.60 mm/mes



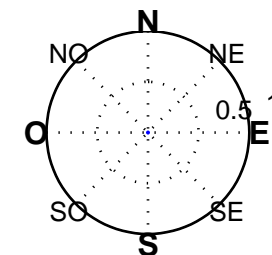
Magnitud: 9.80 (mm) Duración: 80 (min) Intensidad Media: 7.35 (mm/h)



Máxima: 3.10 Media: 0.83



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Diciembre de 2008
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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	22.40	19.43	16.90	3.10	0.95	759.46	86.22	9.60	0.00	886.00	183.69
2	24.30	21.56	18.10	1.30	0.76	758.52	79.65	0.40	0.00	1144.00	282.09
3	23.80	20.72	16.90	1.30	0.69	756.75	78.41	0.20	0.00	957.00	260.34
4	23.10	20.08	15.90	1.30	0.80	756.44	85.03	2.20	0.00	876.00	285.00
5	22.90	20.65	16.80	1.30	0.68	757.08	79.95	0.00	0.00	958.00	230.22
6	24.60	21.75	17.50	1.80	0.70	756.58	76.56	0.00	0.00	726.00	237.13
7	22.80	19.71	16.70	1.80	0.79	757.47	83.45	2.20	0.00	977.00	294.98
8	25.10	21.27	16.80	1.80	0.84	756.45	77.79	0.00	0.00	793.00	228.18
9	25.90	22.53	16.70	2.20	0.93	755.28	75.06	0.20	0.00	992.00	279.91
10	23.90	21.86	17.20	1.30	0.57	754.51	78.80	0.00	0.00	439.00	187.45
11	21.00	19.90	17.40	1.30	0.70	756.02	86.36	0.40	0.00	359.00	208.84
12	22.90	19.55	17.00	1.80	0.92	757.36	83.94	10.00	0.00	1197.00	272.67
13	22.10	20.55	16.60	1.80	0.77	756.53	80.07	0.20	0.00	408.00	216.90
14	22.30	19.77	16.50	1.80	0.86	756.74	83.03	1.40	0.00	404.00	152.33
15	23.20	20.26	17.10	2.20	1.06	757.45	82.14	6.00	0.00	611.00	217.03
16	24.50	21.32	16.40	2.20	0.98	756.57	75.79	0.00	0.00	979.00	418.40
17	25.10	21.62	16.20	1.80	0.86	755.01	73.19	0.00	0.00	969.00	325.54
18	22.70	20.20	16.40	2.70	1.01	755.92	80.59	0.00	0.00	844.00	260.84
19	22.20	19.39	16.50	1.80	0.84	757.06	84.37	0.00	0.00	796.00	262.54
20	20.90	18.99	16.20	1.80	0.75	756.44	85.70	3.20	0.00	524.00	185.30
21	19.80	18.17	16.40	1.80	0.75	757.01	89.75	4.80	0.00	305.00	169.00
22	23.20	19.81	16.50	2.70	0.87	757.43	80.20	6.60	0.00	460.00	174.37
23	24.10	20.57	16.70	1.30	0.73	757.18	81.04	0.00	0.00	760.00	294.18
24	23.90	21.11	16.50	1.80	0.84	756.67	79.72	0.00	0.00	699.00	239.39
25	22.80	20.54	17.70	1.80	0.84	755.83	82.07	1.60	0.00	662.00	173.46
26	20.90	18.86	16.20	1.30	0.56	757.33	88.24	4.20	0.00	630.00	202.65
27	22.60	19.64	16.50	1.80	0.75	756.48	85.03	0.00	0.00	818.00	237.45
28	23.50	20.52	16.10	2.70	1.13	755.88	80.73	9.20	0.00	1024.00	237.86
29	24.10	21.01	16.60	2.20	1.14	756.09	76.96	6.00	0.00	975.00	313.39
30	23.90	21.05	16.90	2.20	0.92	755.77	78.94	0.00	0.00	947.00	308.37
31	24.00	21.50	17.30	1.80	0.66	755.15	76.19	0.20	0.00	948.00	237.57
TOTAL								68.60	0.00		
PROM	23.18	20.45	16.75	1.86	0.83	756.60	81.13			776.35	244.42

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
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	1	0	0	0	0	0	1	0	1	9.60	0.83	3.47	70.00	9.60	7.20	30.00
2	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
3	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
4	0	1	0	0	0	0	1	0	1	2.20	0.50	2.08	40.00	2.20	2.64	6.00
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	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	0	1	1	0	1	1	0	2	2.20	1.00	4.17	60.00	2.00	1.71	4.80
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	0	1	0	0	1	0	0	1	0.20	0.17	0.69	10.00	0.20	0.60	1.20
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	1	1	0	1	1	0	2	0.40	0.33	1.39	10.00	0.20	0.60	1.20
12	0	1	0	1	0	1	1	0	2	10.00	1.17	4.86	80.00	9.80	6.53	32.40
13	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
14	0	0	1	1	0	0	2	0	2	1.40	0.83	3.47	50.00	1.20	1.20	2.40
15	0	1	0	0	0	0	1	0	1	6.00	0.67	2.78	50.00	6.00	6.00	22.80
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0	1	0	1	0	0	2	0	2	3.20	0.67	2.78	40.00	3.00	3.60	8.40
21	0	1	0	2	0	1	2	0	3	4.80	0.83	3.47	40.00	4.40	5.28	14.40
22	0	1	0	0	0	0	1	0	1	6.60	1.50	6.25	100.00	6.60	3.60	19.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	0	1	1	0	0	2	0	2	1.60	1.00	4.17	40.00	0.80	0.96	2.40
26	0	1	1	0	0	2	0	0	2	4.20	1.00	4.17	30.00	2.40	3.60	8.40
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1	0	0	0	0	0	1	0	1	9.20	0.67	2.78	50.00	9.20	9.20	30.00
29	0	1	0	0	0	0	1	0	1	6.00	0.83	3.47	60.00	6.00	5.14	15.60
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	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
MAX	1	1	1	2	0	2	2	0	3	10.00	1.50	6.25	100.00	9.80	9.20	32.40
TOTAL	2	8	6	12	0	8	20	0	28	68.60	12.83	1.72				

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