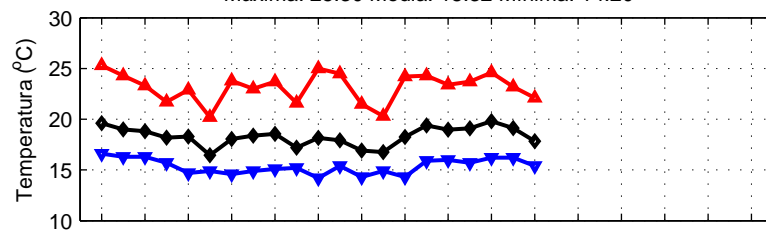


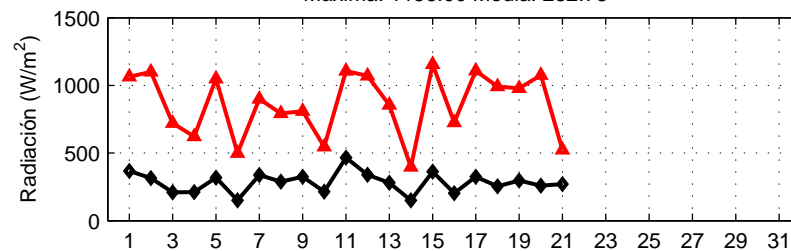
**Estación: Mundo Nuevo**  
**Fecha: Marzo de 2008**  
**Registros: 21 de 31**

Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH  
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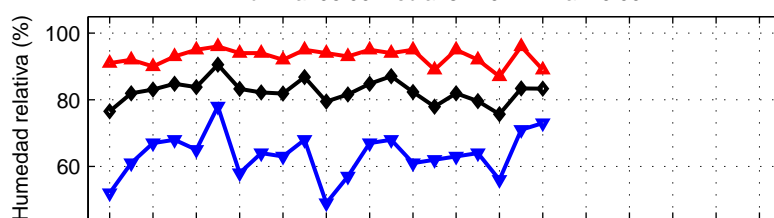
Máxima: 25.30 Media: 18.32 Mínima: 14.20



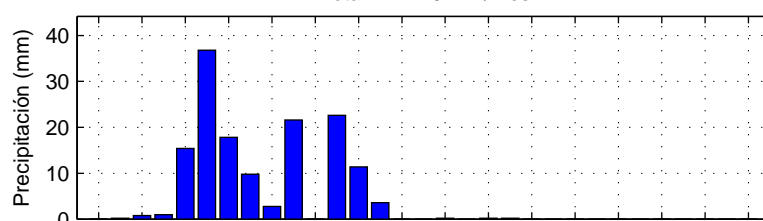
Máxima: 1156.00 Media: 282.78



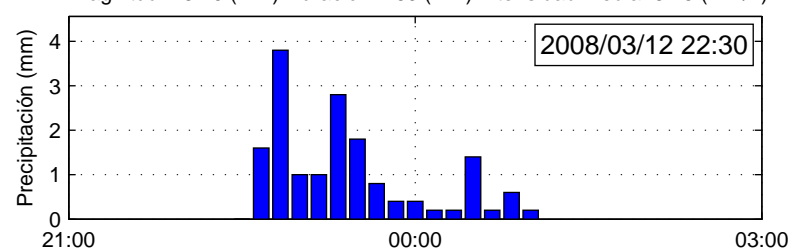
Máxima: 96.00 Media: 82.49 Mínima: 49.00



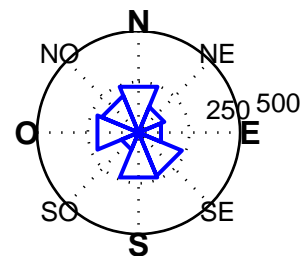
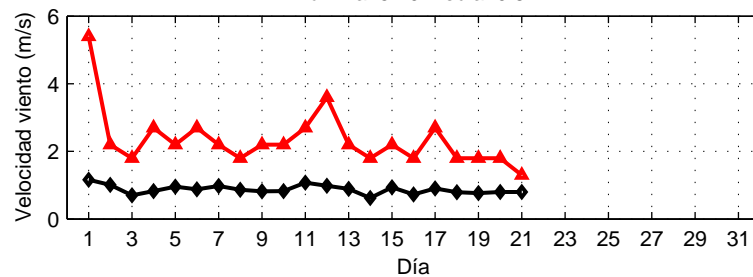
Total: 144.40 mm/mes



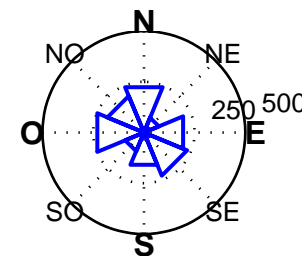
Magnitud: 16.40 (mm) Duración: 160 (min) Intensidad Media: 6.15 (mm/h)



Máxima: 5.40 Media: 0.87



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Mundo Nuevo**  
**Fecha: Marzo de 2008**  
**Registros: 21 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	25.30	19.61	16.60	5.40	1.16	756.24	76.58	0.00	0.00	1063.00	367.93
2	24.30	19.00	16.30	2.20	1.01	756.38	81.96	0.20	0.00	1100.00	314.75
3	23.30	18.81	16.30	1.80	0.70	757.25	83.06	0.80	0.00	721.00	208.72
4	21.70	18.19	15.70	2.70	0.83	758.59	84.85	1.00	0.00	622.00	210.74
5	22.90	18.30	14.70	2.20	0.96	759.18	83.83	15.40	0.00	1049.00	317.85
6	20.20	16.46	14.90	2.70	0.88	759.79	90.57	36.80	0.00	498.00	149.56
7	23.80	18.05	14.60	2.20	0.97	759.70	83.26	17.80	0.00	900.00	337.01
8	23.00	18.38	14.90	1.80	0.87	759.15	82.22	9.80	0.00	793.00	288.42
9	23.70	18.56	15.10	2.20	0.82	758.58	81.90	2.80	0.00	809.00	324.40
10	21.60	17.19	15.20	2.20	0.83	759.53	86.83	21.60	0.00	546.00	214.79
11	25.00	18.16	14.20	2.70	1.08	759.15	79.50	0.00	0.00	1106.00	465.07
12	24.50	17.93	15.40	3.60	0.98	758.44	81.59	22.60	0.00	1070.00	339.99
13	21.50	16.92	14.30	2.20	0.89	760.44	84.79	11.40	0.00	855.00	280.50
14	20.30	16.75	14.90	1.80	0.62	760.38	87.06	3.60	0.00	397.00	149.96
15	24.20	18.25	14.30	2.20	0.93	759.21	82.34	0.00	0.00	1156.00	362.76
16	24.30	19.39	15.90	1.80	0.73	757.52	77.97	0.00	0.00	725.00	203.54
17	23.40	18.98	16.00	2.70	0.90	757.48	81.96	0.20	0.00	1108.00	324.10
18	23.70	19.10	15.70	1.80	0.79	757.06	79.60	0.00	0.00	992.00	253.41
19	24.60	19.80	16.20	1.80	0.77	756.89	75.69	0.20	0.00	978.00	297.11
20	23.20	19.13	16.20	1.80	0.80	756.85	83.42	0.20	0.00	1075.00	258.13
21	22.10	17.84	15.40	1.30	0.80	757.50	83.32	0.00	0.00	523.00	269.73
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
TOTAL								144.40	0.00		
PROM	23.17	18.32	15.37	2.34	0.87	758.35	82.49			861.24	282.78

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Marzo de 2008**  
**Registros: 21 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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
3	0	0	1	0	0	0	1	0	1	0.80	0.33	1.39	30.00	0.80	1.20	2.40
4	0	0	1	1	0	0	1	1	2	1.00	0.67	2.78	40.00	0.60	0.72	1.20
5	1	0	0	1	1	0	0	1	2	15.40	1.00	4.17	60.00	15.20	13.03	55.20
6	0	3	2	3	4	1	1	2	8	36.80	9.17	38.19	200.00	14.20	4.06	9.60
7	1	1	1	1	0	0	1	3	4	17.80	2.67	11.11	110.00	15.00	7.50	26.40
8	0	2	0	2	3	0	0	1	4	9.80	3.17	13.19	120.00	7.60	3.51	8.40
9	0	1	0	2	1	0	1	1	3	2.80	1.00	4.17	30.00	2.00	3.00	7.20
10	1	2	1	2	2	1	1	2	6	21.60	4.00	16.67	110.00	12.80	6.40	20.40
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	1	1	0	0	0	0	1	1	2	22.60	3.00	12.50	90.00	13.20	7.92	22.80
13	0	2	1	3	4	1	1	0	6	11.40	4.50	18.75	160.00	4.20	1.48	4.80
14	0	0	1	6	1	1	1	4	7	3.60	2.33	9.72	90.00	2.20	1.32	3.60
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	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	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
MAX	1	3	2	6	4	1	1	4	8	36.80	9.17	38.19	200.00	15.20	13.03	55.20
TOTAL	4	12	8	25	16	4	12	17	49	144.40	32.50	4.37				

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