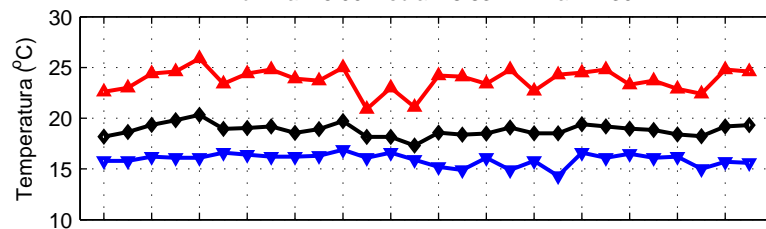


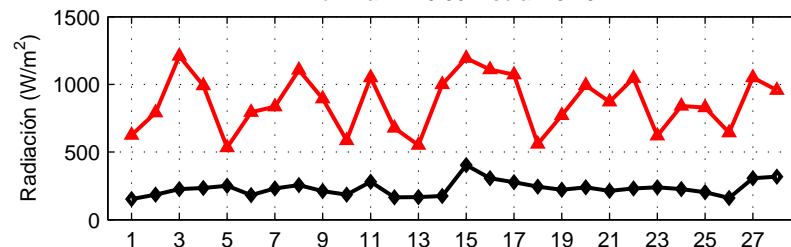
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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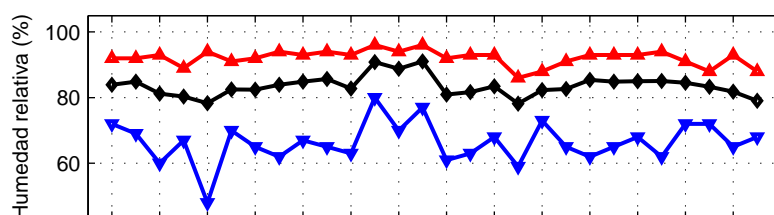
Máxima: 25.90 Media: 18.83 Mínima: 14.30



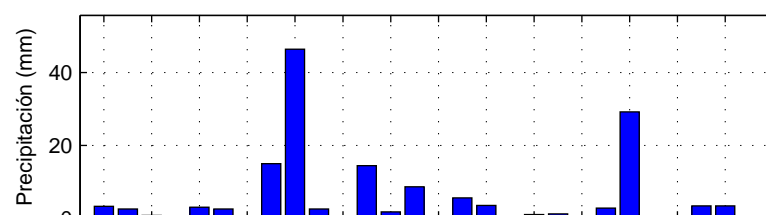
Máxima: 1210.00 Media: 231.61



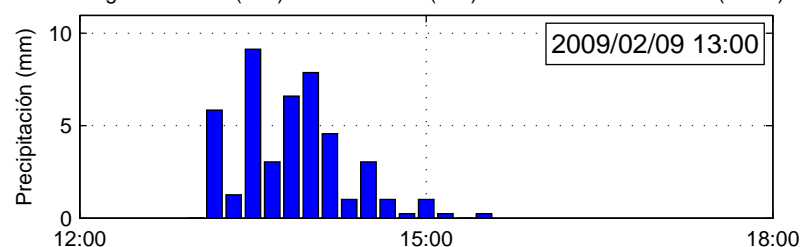
Máxima: 96.00 Media: 83.55 Mínima: 48.00



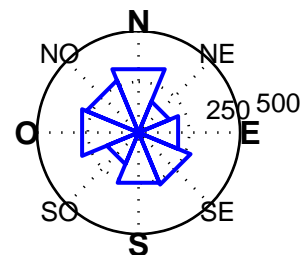
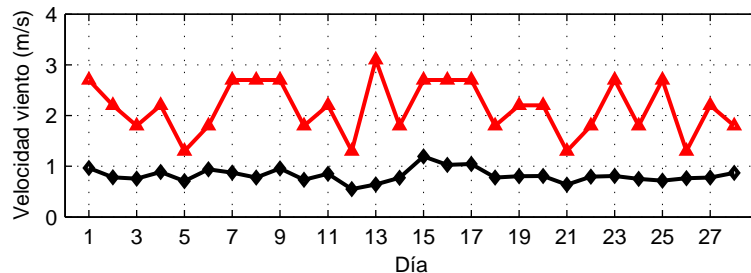
Total: 152.72 mm/mes



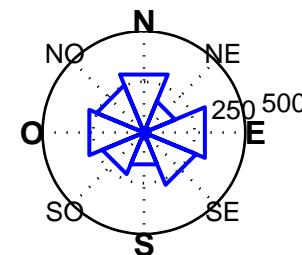
Magnitud: 45.20 (mm) Duración: 160 (min) Intensidad Media: 16.95 (mm/h)



Máxima: 3.10 Media: 0.82



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Febrero de 2009
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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	22.60	18.18	15.80	2.70	0.96	757.21	83.88	3.29	0.00	625.00	152.33
2	23.00	18.64	15.80	2.20	0.78	756.28	84.87	2.54	0.00	791.00	184.74
3	24.40	19.34	16.20	1.80	0.76	756.92	81.17	0.76	0.00	1210.00	226.03
4	24.60	19.81	16.10	2.20	0.89	757.47	80.35	0.00	0.00	991.00	233.89
5	25.90	20.33	16.10	1.30	0.71	756.74	78.29	3.04	0.00	533.00	249.89
6	23.40	18.94	16.60	1.80	0.94	756.85	82.48	2.53	0.00	794.00	182.19
7	24.40	19.03	16.40	2.70	0.88	757.68	82.42	0.25	0.00	836.00	230.60
8	24.80	19.19	16.20	2.70	0.78	757.02	83.93	14.98	0.00	1106.00	255.66
9	23.90	18.56	16.20	2.70	0.96	756.76	84.85	46.46	0.00	894.00	211.44
10	23.70	18.92	16.30	1.80	0.73	756.78	85.71	2.54	0.00	585.00	184.37
11	25.00	19.71	16.90	2.20	0.85	756.60	82.78	0.00	0.00	1050.00	280.51
12	20.90	18.16	16.10	1.30	0.55	757.10	90.82	14.45	0.00	677.00	164.62
13	23.00	18.15	16.60	3.10	0.64	757.22	88.79	1.75	0.00	552.00	166.54
14	21.10	17.30	15.90	1.80	0.77	757.69	90.99	8.62	0.00	999.00	174.89
15	24.20	18.58	15.20	2.70	1.19	757.70	80.95	0.00	0.00	1193.00	403.45
16	24.10	18.37	14.90	2.70	1.03	757.69	81.69	5.58	0.00	1110.00	306.47
17	23.40	18.49	16.10	2.70	1.04	756.81	83.41	3.53	0.00	1072.00	277.22
18	24.80	19.09	14.90	1.80	0.78	756.04	78.17	0.00	0.00	559.00	244.18
19	22.70	18.50	15.80	2.20	0.80	756.34	82.26	1.00	0.00	772.00	220.53
20	24.30	18.50	14.30	2.20	0.81	756.02	82.63	1.20	0.00	993.00	239.22
21	24.50	19.41	16.60	1.30	0.64	755.20	85.43	0.20	0.00	871.00	212.82
22	24.80	19.19	16.10	1.80	0.79	756.25	84.90	2.80	0.00	1046.00	231.48
23	23.30	18.97	16.50	2.70	0.81	757.25	84.99	29.20	0.00	620.00	238.44
24	23.70	18.84	16.10	1.80	0.75	757.09	85.06	0.60	0.00	841.00	226.39
25	22.90	18.41	16.20	2.70	0.71	756.92	84.53	0.60	0.00	829.00	203.13
26	22.40	18.22	15.00	1.30	0.77	757.30	83.29	3.40	0.00	643.00	160.07
27	24.80	19.20	15.70	2.20	0.78	756.42	81.78	3.40	0.00	1051.00	306.00
28	24.60	19.32	15.60	1.80	0.87	755.48	79.01	0.00	0.00	957.00	318.01
TOTAL								152.72	0.00		
PROM	23.76	18.83	15.94	2.15	0.82	756.81	83.55			864.29	231.61

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Febrero de 2009
Registros: 28 de 28

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	0	1	0	1	1	0	2	3.29	1.00	4.17	60.00	3.04	2.61	10.68
2	0	1	0	2	0	0	3	0	3	2.54	0.67	2.78	30.00	2.04	3.06	6.12
3	0	0	1	1	2	0	0	0	2	0.76	0.33	1.39	20.00	0.51	1.02	3.06
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	1	0	0	1	0	0	0	1	3.04	0.33	1.39	30.00	3.04	4.56	16.74
6	0	1	0	1	1	0	1	0	2	2.53	0.67	2.78	40.00	2.28	2.74	9.12
7	0	0	0	1	0	0	1	0	1	0.25	0.17	0.69	20.00	0.25	0.50	1.50
8	1	0	0	1	0	0	2	0	2	14.98	1.00	4.17	50.00	14.48	14.48	45.72
9	1	0	1	0	0	0	2	0	2	46.46	2.83	11.81	160.00	45.20	15.95	54.84
10	0	1	0	0	1	0	0	0	1	2.54	0.50	2.08	40.00	2.54	3.05	6.12
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	3	2	1	2	0	5	14.45	2.00	8.33	70.00	10.66	8.00	36.60
13	0	0	0	4	0	1	3	0	4	1.75	1.17	4.86	60.00	1.00	0.86	1.50
14	0	1	1	2	0	1	3	0	4	8.62	3.00	12.50	140.00	6.85	2.74	7.62
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	1	1	0	1	0	0	1	2	5.58	1.67	6.94	100.00	4.31	2.35	10.68
17	0	1	1	0	0	1	1	0	2	3.53	1.17	4.86	60.00	2.93	2.51	6.12
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	1	0	0	0	1	0	1	1.00	0.50	2.08	50.00	1.00	1.00	3.60
20	0	0	0	2	0	0	2	0	2	1.20	0.83	3.47	50.00	0.80	0.80	2.40
21	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	0	1	0	1	0	0	2	0	2	2.80	0.50	2.08	30.00	2.60	3.90	8.40
23	1	1	0	3	2	0	1	2	5	29.20	4.33	18.06	80.00	14.20	9.47	43.20
24	0	0	0	1	0	0	1	0	1	0.60	0.33	1.39	40.00	0.60	0.72	2.40
25	0	0	0	2	0	0	2	0	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
26	0	1	0	1	0	0	1	1	2	3.40	1.00	4.17	40.00	2.80	3.36	8.40
27	0	1	0	2	0	1	1	1	3	3.40	1.17	4.86	60.00	2.80	2.40	9.60
28	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	1	1	4	2	1	3	2	5	46.46	4.33	18.06	160.00	45.20	15.95	54.84
TOTAL	4	13	6	29	10	6	30	6	52	152.72	25.83	3.84				

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