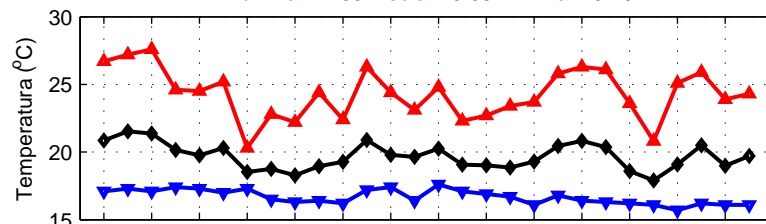


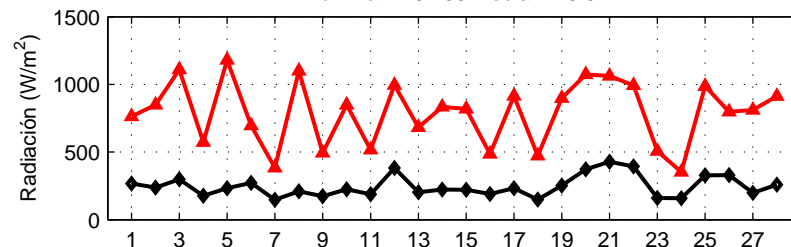
**Estación: Mundo Nuevo**  
**Fecha: Febrero de 2011**  
**Registros: 28 de 28**

Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
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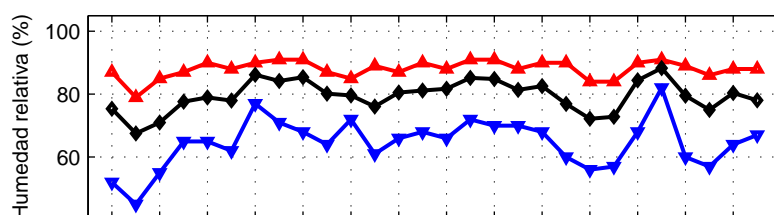
Máxima: 27.60 Media: 19.68 Mínima: 15.70



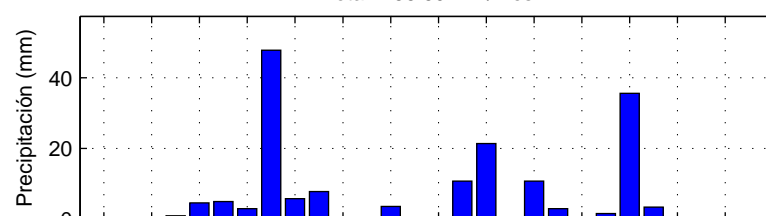
Máxima: 1181.00 Media: 246.64



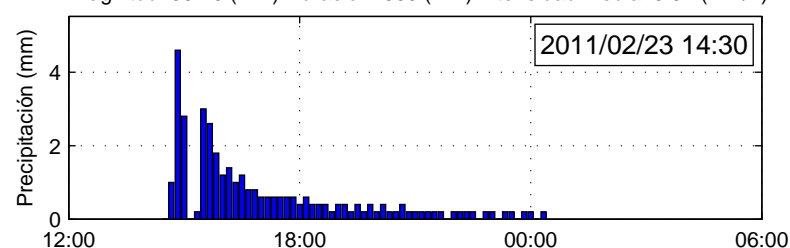
Máxima: 91.00 Media: 79.47 Mínima: 45.00



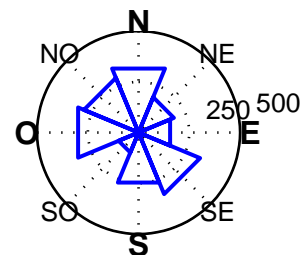
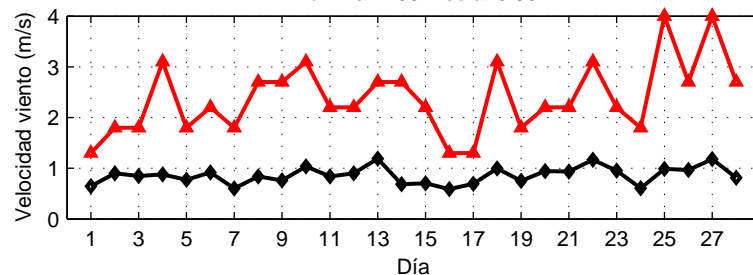
Total: 166.60 mm/mes



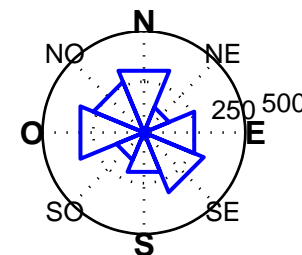
Magnitud: 35.20 (mm) Duración: 600 (min) Intensidad Media: 3.52 (mm/h)



Máxima: 4.00 Media: 0.86



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Mundo Nuevo**  
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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	26.70	20.85	17.10	1.30	0.65	672.21	75.34	0.20	0.00	763.00	267.35
2	27.20	21.53	17.30	1.80	0.90	670.30	67.53	0.00	0.00	849.00	236.69
3	27.60	21.37	17.10	1.80	0.85	674.91	70.95	0.00	0.00	1110.00	298.69
4	24.60	20.16	17.40	3.10	0.88	667.66	77.63	1.00	0.00	572.00	176.56
5	24.50	19.75	17.30	1.80	0.77	647.89	78.97	4.60	0.00	1181.00	232.66
6	25.20	20.29	17.00	2.20	0.92	674.00	77.98	5.00	0.00	696.00	272.53
7	20.30	18.52	17.30	1.80	0.60	669.13	86.19	3.00	0.00	383.00	147.21
8	22.80	18.75	16.50	2.70	0.84	672.04	84.19	47.80	0.00	1100.00	209.38
9	22.20	18.28	16.30	2.70	0.76	671.52	85.42	5.80	0.00	494.00	173.93
10	24.40	18.94	16.40	3.10	1.04	674.18	80.14	7.80	0.00	849.00	224.19
11	22.40	19.28	16.20	2.20	0.84	663.40	79.59	0.00	0.00	517.00	188.79
12	26.30	20.89	17.20	2.20	0.90	650.27	76.06	0.00	0.00	995.00	382.78
13	24.40	19.79	17.40	2.70	1.19	668.13	80.56	3.60	0.00	683.00	202.91
14	23.10	19.65	16.40	2.70	0.69	686.43	81.18	0.00	0.00	834.00	222.11
15	24.80	20.25	17.60	2.20	0.70	675.77	81.69	0.00	0.00	819.00	220.47
16	22.30	19.07	17.10	1.30	0.59	671.37	85.17	10.80	0.00	485.00	190.35
17	22.70	19.02	16.90	1.30	0.70	661.38	84.85	21.40	0.00	915.00	231.80
18	23.40	18.86	16.70	3.10	1.00	665.47	81.37	0.00	0.00	473.00	149.35
19	23.70	19.30	16.10	1.80	0.75	656.16	82.54	10.80	0.00	898.00	252.97
20	25.80	20.45	16.80	2.20	0.94	667.16	76.95	3.00	0.00	1074.00	372.64
21	26.30	20.82	16.40	2.20	0.94	656.46	72.21	0.00	0.00	1062.00	427.68
22	26.10	20.36	16.30	3.10	1.17	663.73	72.83	1.60	0.00	993.00	393.03
23	23.60	18.59	16.20	2.20	0.95	666.74	84.41	35.60	0.00	507.00	159.48
24	20.80	17.91	16.10	1.80	0.61	670.92	88.32	3.40	0.00	353.00	158.62
25	25.10	19.08	15.70	4.00	0.99	667.10	79.55	0.40	0.00	986.00	328.30
26	25.90	20.49	16.20	2.70	0.97	664.98	75.01	0.40	0.00	798.00	328.90
27	23.90	18.99	16.10	4.00	1.18	662.91	80.40	0.20	0.00	810.00	197.65
28	24.30	19.71	16.10	2.70	0.81	653.19	78.08	0.20	0.00	912.00	258.92
TOTAL								166.60	0.00		
PROM	24.30	19.68	16.69	2.38	0.86	666.62	79.47			789.68	246.64

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Febrero de 2011**  
**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	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	1	1	0	0	2	0	2	1.00	0.67	2.78	40.00	0.80	0.96	2.40
5	0	1	0	1	0	2	0	0	2	4.60	1.17	4.86	80.00	4.40	2.93	8.40
6	0	1	0	2	0	0	1	2	3	5.00	1.17	4.86	40.00	4.20	5.04	13.20
7	0	1	0	3	2	0	1	1	4	3.00	1.17	4.86	50.00	2.40	2.40	4.80
8	2	1	0	3	2	0	2	2	6	47.80	3.67	15.28	70.00	30.00	22.50	76.80
9	0	1	1	2	3	0	1	0	4	5.80	2.17	9.03	40.00	3.60	4.32	14.40
10	0	1	0	0	0	0	1	0	1	7.80	2.33	9.72	170.00	7.80	2.60	10.80
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	0	2	4	0	0	0	6	6	3.60	1.67	6.94	40.00	1.40	1.68	4.80
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	0	1	2	2	2	1	2	0	5	10.80	3.33	13.89	50.00	5.20	5.20	15.60
17	0	2	0	1	1	1	1	0	3	21.40	4.50	18.75	160.00	12.60	4.45	20.40
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	1	1	2	2	2	0	0	4	10.80	2.83	11.81	160.00	9.80	3.46	15.60
20	0	1	0	0	0	1	0	0	1	3.00	1.00	4.17	70.00	3.00	2.25	8.40
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	0	0	1	0	0	0	0	1	1	1.60	0.50	2.08	40.00	1.60	1.92	6.00
23	0	1	1	0	1	0	1	0	2	35.60	9.00	37.50	570.00	34.80	3.60	27.60
24	0	0	0	15	8	5	2	0	15	3.40	2.83	11.81	30.00	0.40	0.60	1.20
25	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
26	0	0	0	2	1	1	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
27	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
28	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
MAX	2	2	2	15	8	5	2	6	15	47.80	9.00	37.50	570.00	34.80	22.50	76.80
TOTAL	2	12	9	43	24	13	17	12	66	166.60	39.17	5.83				

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