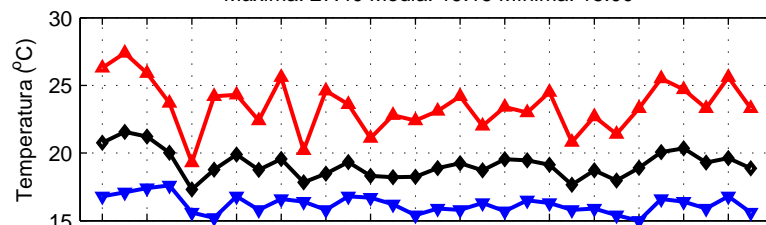


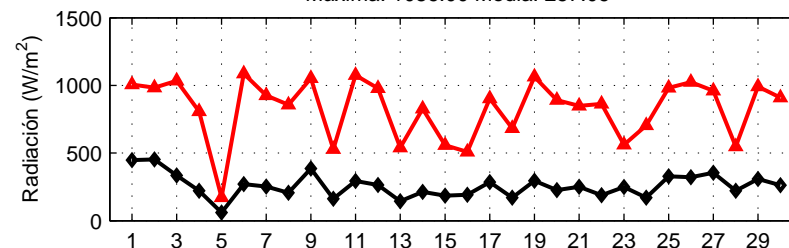
**Estación: Mundo Nuevo**  
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Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
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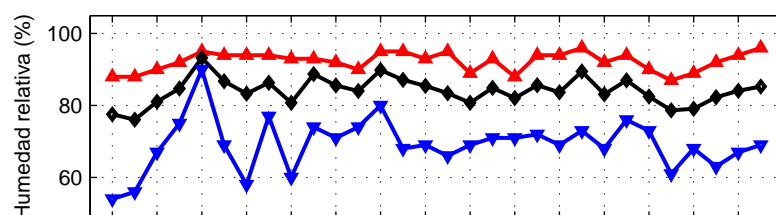
Máxima: 27.40 Media: 19.16 Mínima: 15.00



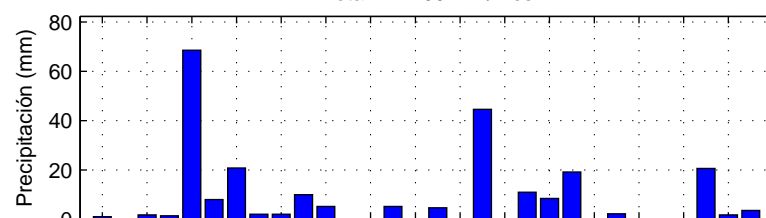
Máxima: 1086.00 Media: 257.06



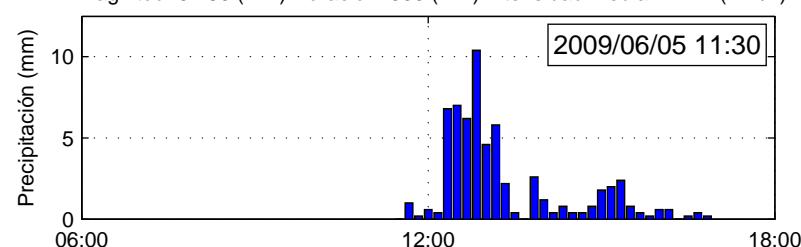
Máxima: 96.00 Media: 84.07 Mínima: 54.00



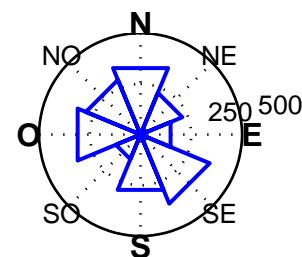
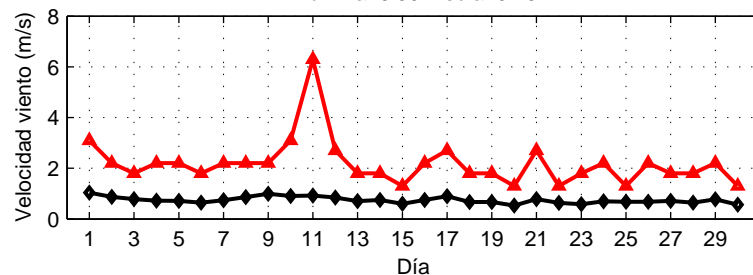
Total: 242.00 mm/mes



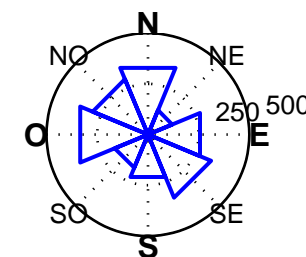
Magnitud: 61.80 (mm) Duración: 330 (min) Intensidad Media: 11.24 (mm/h)



Máxima: 6.30 Media: 0.75



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Mundo Nuevo**  
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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/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	26.30	20.75	16.80	3.10	1.04	727.29	77.53	1.00	0.00	1007.00	448.24
2	27.40	21.57	17.10	2.20	0.87	667.35	76.04	0.00	0.00	983.00	451.92
3	25.90	21.23	17.40	1.80	0.78	739.93	81.09	1.80	0.00	1034.00	334.34
4	23.70	20.02	17.60	2.20	0.72	709.32	84.72	1.40	0.00	808.00	221.11
5	19.30	17.31	15.60	2.20	0.72	757.67	93.20	68.60	0.00	172.00	60.58
6	24.20	18.77	15.20	1.80	0.65	741.09	86.72	8.00	0.00	1086.00	270.89
7	24.30	19.88	16.80	2.20	0.74	711.27	83.29	20.80	0.00	926.00	252.96
8	22.40	18.76	15.80	2.20	0.86	741.45	86.30	2.00	0.00	857.00	206.57
9	25.60	19.55	16.60	2.20	0.99	724.07	80.76	2.00	0.00	1052.00	384.97
10	20.20	17.84	16.40	3.10	0.90	757.95	88.72	10.00	0.00	529.00	162.13
11	24.60	18.47	15.80	6.30	0.93	717.90	85.59	5.20	0.00	1075.00	293.33
12	23.60	19.33	16.80	2.70	0.84	714.72	84.01	0.00	0.00	978.00	263.89
13	21.10	18.31	16.70	1.80	0.71	753.05	89.85	0.00	0.00	540.00	144.17
14	22.80	18.21	16.20	1.80	0.75	736.64	87.09	5.20	0.00	828.00	213.49
15	22.40	18.25	15.40	1.30	0.60	751.42	85.43	0.00	0.00	557.00	184.99
16	23.10	18.89	15.90	2.20	0.75	749.93	83.44	4.60	0.00	508.00	191.05
17	24.20	19.25	15.80	2.70	0.89	708.58	80.74	0.00	0.00	902.00	285.32
18	22.00	18.72	16.30	1.80	0.67	747.85	84.90	44.60	0.00	683.00	169.82
19	23.40	19.54	15.70	1.80	0.67	704.11	82.04	0.00	0.00	1064.00	294.43
20	23.00	19.46	16.50	1.30	0.53	684.09	85.61	11.00	0.00	891.00	226.36
21	24.50	19.12	16.30	2.70	0.79	732.21	83.63	8.40	0.00	849.00	251.10
22	20.80	17.65	15.80	1.30	0.64	749.09	89.47	19.20	0.00	863.00	188.71
23	22.70	18.73	15.90	1.80	0.58	701.49	83.08	0.00	0.00	561.00	249.25
24	21.40	17.97	15.40	2.20	0.70	745.41	86.99	2.20	0.00	704.00	169.34
25	23.30	18.90	15.00	1.30	0.68	718.46	82.49	0.00	0.00	982.00	326.97
26	25.50	20.06	16.60	2.20	0.68	698.35	78.63	0.00	0.00	1025.00	321.37
27	24.70	20.35	16.40	1.80	0.71	672.27	79.10	0.00	0.00	960.00	353.32
28	23.30	19.30	15.90	1.80	0.64	648.35	82.28	20.60	0.00	548.00	221.30
29	25.60	19.62	16.80	2.20	0.77	716.41	84.08	1.80	0.00	992.00	308.19
30	23.30	18.87	15.60	1.30	0.57	673.21	85.27	3.60	0.00	909.00	261.69
TOTAL								242.00	0.00		
PROM	23.49	19.16	16.20	2.18	0.75	720.03	84.07			829.10	257.06

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Junio de 2009**  
**Registros: 30 de 30**

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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	1	0	0	0	1	0	1	1.00	0.33	1.39	30.00	1.00	1.50	3.60
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	1	0	0	0	0	1	0	1	1.80	0.33	1.39	30.00	1.80	2.70	9.60
4	0	0	1	0	0	0	1	0	1	1.40	0.50	2.08	50.00	1.40	1.40	4.80
5	1	0	2	4	2	2	1	2	7	68.60	8.67	36.11	330.00	61.80	10.91	62.40
6	1	0	0	0	0	0	1	0	1	8.00	0.67	2.78	50.00	8.00	8.00	21.60
7	0	1	0	2	0	0	2	1	3	20.80	3.83	15.97	220.00	20.40	5.32	15.60
8	0	0	2	2	2	0	2	0	4	2.00	1.17	4.86	40.00	1.00	1.20	3.60
9	0	0	1	1	0	0	1	1	2	2.00	0.83	3.47	40.00	1.60	1.92	6.00
10	1	0	3	1	2	0	2	1	5	10.00	2.67	11.11	30.00	6.00	9.00	19.20
11	0	1	0	5	0	0	3	3	6	5.20	2.00	8.33	100.00	4.20	2.29	7.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	2	2	0	0	2	2	4	5.20	2.17	9.03	110.00	4.00	2.00	6.00
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	0	0	0	0	1	0	1	4.60	1.17	4.86	80.00	4.60	3.07	6.00
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	1	0	0	0	0	1	0	0	1	44.60	1.67	6.94	110.00	44.60	22.30	80.40
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	1	0	1	0	1	0	1	0	2	11.00	1.33	5.56	60.00	10.20	8.74	27.60
21	0	1	0	3	0	0	1	2	4	8.40	2.33	9.72	110.00	7.60	3.80	14.40
22	0	2	1	1	3	1	0	0	4	19.20	5.00	20.83	200.00	13.00	3.71	9.60
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	1	4	0	1	4	0	5	2.20	1.33	5.56	40.00	1.00	1.20	4.80
25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	1	0	2	20.60	0.83	3.47	40.00	20.20	24.24	74.40
29	0	0	2	0	0	0	1	1	2	1.80	0.50	2.08	30.00	1.00	1.50	4.80
30	0	1	1	0	2	0	0	0	2	3.60	0.83	3.47	40.00	2.20	2.64	4.80
MAX	1	2	3	5	3	2	4	3	7	68.60	8.67	36.11	330.00	61.80	24.24	80.40
TOTAL	6	8	18	26	12	6	26	13	58	242.00	38.17	5.30				

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