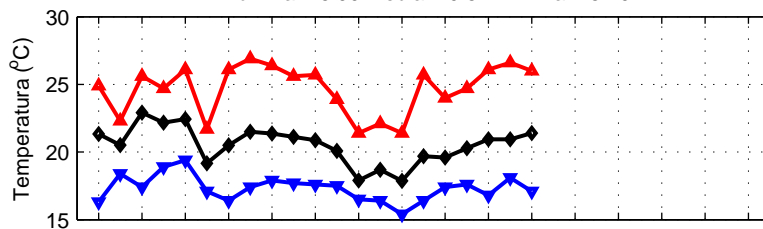


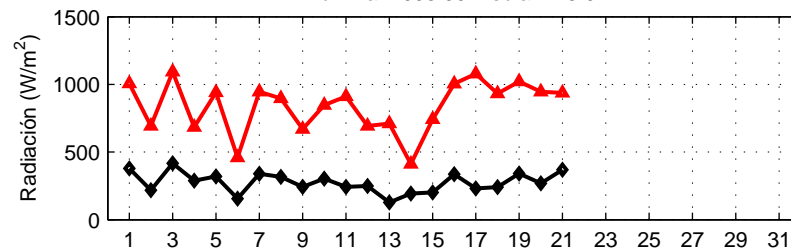
**Estación: Mundo Nuevo**  
**Fecha: Julio de 2011**  
**Registros: 21 de 31**

Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH  
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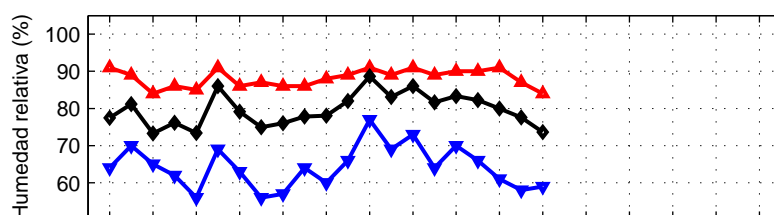
Máxima: 26.90 Media: 20.54 Mínima: 15.40



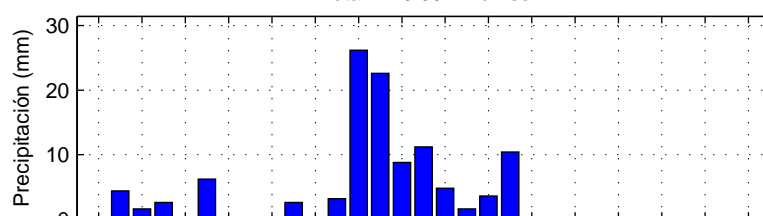
Máxima: 1093.00 Media: 275.02



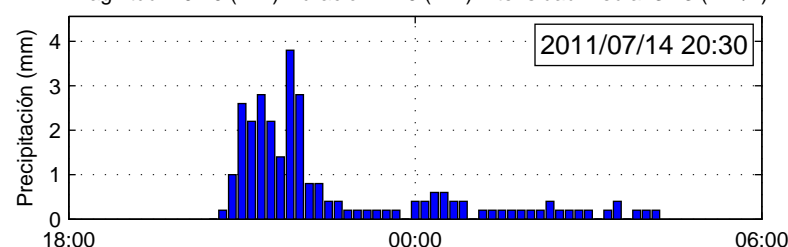
Máxima: 91.00 Media: 79.59 Mínima: 56.00



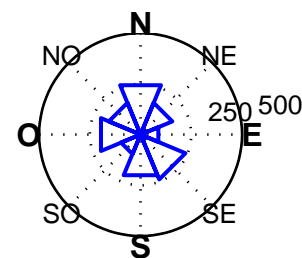
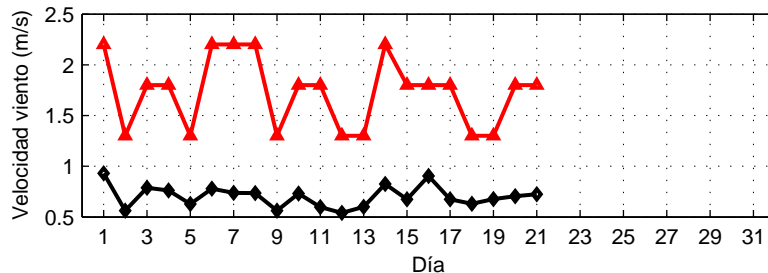
Total: 110.00 mm/mes



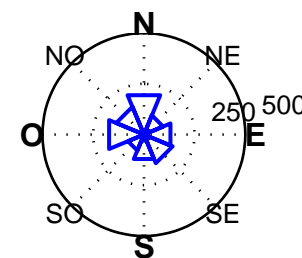
Magnitud: 29.20 (mm) Duración: 470 (min) Intensidad Media: 3.73 (mm/h)



Máxima: 2.20 Media: 0.70



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Mundo Nuevo**  
**Fecha: Julio de 2011**  
**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	24.90	21.34	16.30	2.20	0.93	640.64	77.47	0.00	0.00	1006.00	378.39
2	22.30	20.51	18.40	1.30	0.56	647.69	81.20	4.40	0.00	692.00	216.95
3	25.60	22.91	17.40	1.80	0.79	643.39	73.25	1.60	0.00	1093.00	416.81
4	24.70	22.18	18.90	1.80	0.76	670.84	76.13	2.60	0.00	685.00	288.21
5	26.10	22.43	19.40	1.30	0.63	657.29	73.40	0.00	0.00	941.00	320.05
6	21.70	19.17	17.10	2.20	0.78	660.43	85.99	6.20	0.00	459.00	155.90
7	26.10	20.50	16.40	2.20	0.74	649.31	79.14	0.00	0.00	946.00	339.35
8	26.90	21.50	17.40	2.20	0.74	665.62	74.94	0.00	0.00	897.00	316.51
9	26.40	21.37	17.90	1.30	0.56	669.15	76.02	0.00	0.00	670.00	242.34
10	25.60	21.11	17.70	1.80	0.73	673.40	77.81	2.60	0.00	847.00	302.79
11	25.70	20.87	17.60	1.80	0.60	668.87	78.06	0.20	0.00	911.00	242.69
12	23.90	20.09	17.50	1.30	0.54	670.82	82.01	3.20	0.00	692.00	248.67
13	21.40	17.90	16.50	1.30	0.60	675.31	88.65	26.20	0.00	710.00	127.60
14	22.10	18.69	16.40	2.20	0.82	674.99	83.07	22.60	0.00	411.00	193.25
15	21.40	17.87	15.40	1.80	0.67	658.78	86.01	8.80	0.00	741.00	201.46
16	25.70	19.68	16.40	1.80	0.90	661.72	81.62	11.20	0.00	1004.00	335.85
17	24.00	19.59	17.40	1.80	0.67	671.00	83.31	4.80	0.00	1078.00	230.60
18	24.70	20.28	17.60	1.30	0.63	669.36	82.23	1.60	0.00	932.00	240.07
19	26.10	20.93	16.80	1.30	0.68	668.42	79.97	3.60	0.00	1021.00	340.53
20	26.60	20.93	18.10	1.80	0.71	663.11	77.58	10.40	0.00	945.00	269.08
21	26.00	21.40	17.10	1.80	0.72	662.14	73.64	0.00	0.00	938.00	368.35
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
TOTAL								110.00	0.00		
PROM	24.66	20.54	17.32	1.73	0.70	662.97	79.59			839.00	275.02

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Julio de 2011**  
**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	3	1	0	2	2	0	4	4.40	2.17	9.03	40.00	1.40	1.68	3.60
3	0	0	1	0	0	0	1	0	1	1.60	0.50	2.08	40.00	1.60	1.92	4.80
4	0	1	0	0	0	0	1	0	1	2.60	0.83	3.47	60.00	2.60	2.23	9.60
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	1	1	4	2	1	2	1	6	6.20	2.50	10.42	80.00	3.60	2.40	7.20
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0	1	0	0	0	0	1	0	1	2.60	0.50	2.08	40.00	2.60	3.12	12.00
11	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
12	0	1	0	3	0	0	3	0	4	3.20	0.83	3.47	20.00	2.40	4.80	14.40
13	0	2	2	4	1	4	3	0	8	26.20	8.17	34.03	360.00	19.80	3.21	12.00
14	0	1	0	0	0	0	0	1	1	22.60	3.17	13.19	200.00	22.60	6.46	22.80
15	0	0	2	2	3	0	1	0	4	8.80	4.83	20.14	260.00	6.60	1.47	3.60
16	0	1	0	0	0	0	0	1	1	11.20	1.67	6.94	110.00	11.20	5.60	13.20
17	0	1	0	1	0	0	2	0	2	4.80	1.17	4.86	70.00	4.60	3.45	14.40
18	0	0	1	1	0	0	1	1	2	1.60	0.67	2.78	40.00	1.40	1.68	3.60
19	0	1	0	0	1	0	0	0	1	3.60	0.50	2.08	40.00	3.60	4.32	15.60
20	1	0	0	0	0	0	1	0	1	10.40	1.00	4.17	80.00	10.40	6.93	21.60
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	2	3	4	3	4	3	1	8	26.20	8.17	34.03	360.00	22.60	6.93	22.80
TOTAL	1	10	10	17	7	7	19	4	38	110.00	28.67	3.85				

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