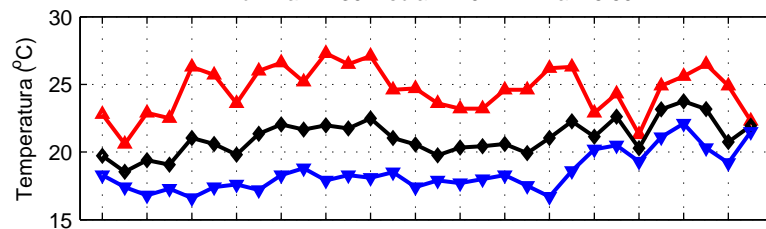


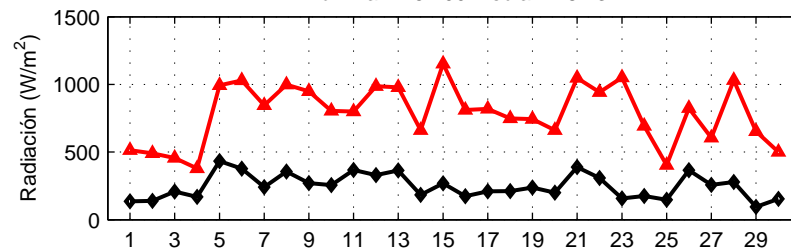
**Estación: Mundo Nuevo**  
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Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH  
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.  
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>

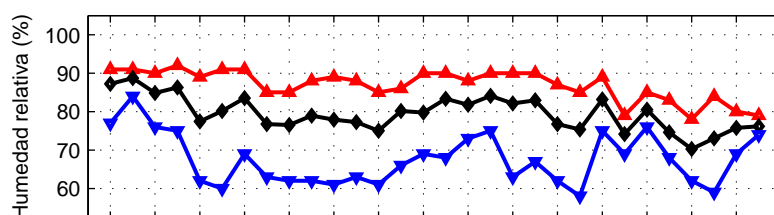
Máxima: 27.30 Media: 21.07 Mínima: 16.60



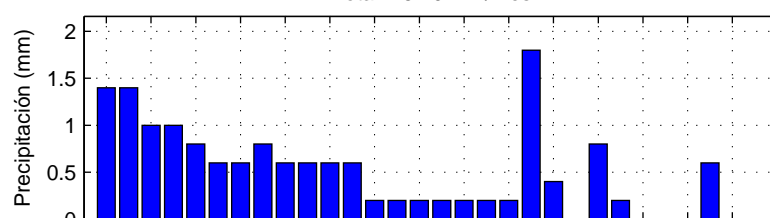
Máxima: 1152.00 Media: 248.23



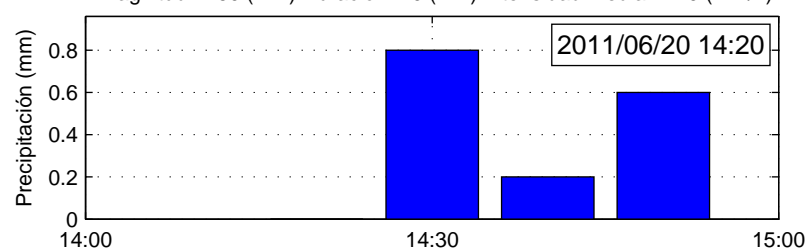
Máxima: 92.00 Media: 79.49 Mínima: 58.00



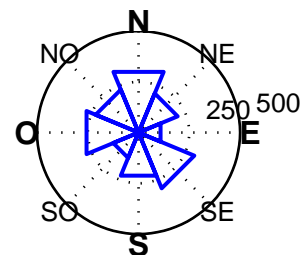
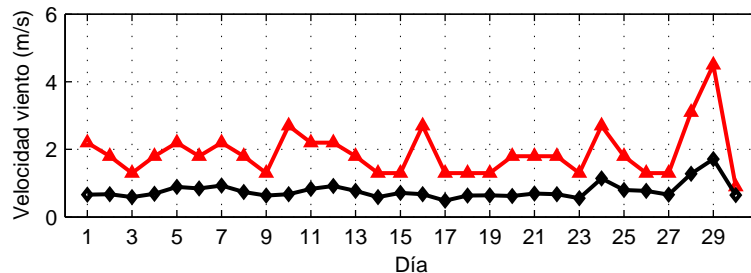
Total: 15.20 mm/mes



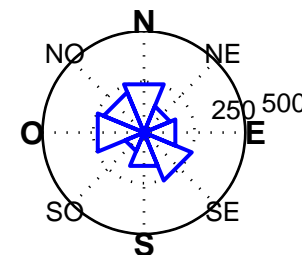
Magnitud: 1.60 (mm) Duración: 40 (min) Intensidad Media: 2.40 (mm/h)



Máxima: 4.50 Media: 0.77



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	22.80	19.72	18.30	2.20	0.66	661.86	87.20	1.40	0.00	514.00	135.49
2	20.60	18.55	17.40	1.80	0.68	660.96	88.73	1.40	0.00	490.00	138.37
3	22.90	19.39	16.80	1.30	0.59	677.14	84.85	1.00	0.00	456.00	207.36
4	22.50	19.06	17.30	1.80	0.69	667.85	86.30	1.00	0.00	379.00	168.60
5	26.30	21.04	16.60	2.20	0.89	673.34	77.45	0.80	0.00	993.00	433.42
6	25.70	20.60	17.40	1.80	0.85	678.19	80.14	0.60	0.00	1029.00	376.93
7	23.60	19.81	17.60	2.20	0.93	655.72	83.52	0.60	0.00	846.00	239.96
8	26.00	21.34	17.20	1.80	0.74	650.45	76.76	0.80	0.00	998.00	355.76
9	26.60	22.04	18.30	1.30	0.64	648.50	76.51	0.60	0.00	949.00	270.78
10	25.20	21.67	18.80	2.70	0.68	674.63	78.93	0.60	0.00	805.00	254.93
11	27.30	21.98	17.90	2.20	0.83	672.62	77.88	0.60	0.00	800.00	366.55
12	26.50	21.74	18.30	2.20	0.92	666.30	77.28	0.60	0.00	986.00	329.18
13	27.10	22.48	18.10	1.80	0.77	669.41	75.03	0.20	0.00	978.00	364.08
14	24.60	21.05	18.50	1.30	0.59	669.51	80.16	0.20	0.00	662.00	183.09
15	24.70	20.56	17.40	1.30	0.71	663.12	79.75	0.20	0.00	1152.00	268.20
16	23.60	19.76	17.90	2.70	0.67	659.93	83.37	0.20	0.00	810.00	172.86
17	23.20	20.34	17.70	1.30	0.48	648.23	81.76	0.20	0.00	819.00	208.77
18	23.20	20.43	18.00	1.30	0.63	646.58	84.11	0.20	0.00	749.00	210.89
19	24.60	20.60	18.30	1.30	0.64	651.78	82.10	0.20	0.00	743.00	237.25
20	24.60	19.92	17.50	1.80	0.62	642.34	82.92	1.80	0.00	662.00	199.87
21	26.20	21.03	16.70	1.80	0.69	632.54	76.73	0.40	0.00	1047.00	387.85
22	26.30	22.26	18.60	1.80	0.67	661.72	75.39	0.00	0.00	943.00	308.67
23	22.90	21.14	20.20	1.30	0.56	670.14	83.16	0.80	0.00	1051.00	157.28
24	24.30	22.62	20.50	2.70	1.14	669.33	74.17	0.20	0.00	693.00	174.63
25	21.30	20.28	19.30	1.80	0.80	669.03	80.48	0.00	0.00	404.00	147.00
26	24.90	23.15	21.10	1.30	0.77	669.27	74.62	0.00	0.00	824.00	366.02
27	25.60	23.74	22.10	1.30	0.66	670.28	70.27	0.00	0.00	605.00	256.65
28	26.50	23.17	20.30	3.10	1.28	670.75	73.06	0.60	0.00	1031.00	278.34
29	24.90	20.74	19.20	4.50	1.71	669.25	75.77	0.00	0.00	653.00	93.84
30	22.30	21.94	21.50	0.90	0.65	668.51	76.18	0.00	0.00	501.00	154.35
TOTAL								15.20	0.00		
PROM	24.56	21.07	18.49	1.89	0.77	662.98	79.49			785.73	248.23

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Junio de 2011**  
**Registros: 30 de 30**

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	7	0	4	2	1	7	1.40	1.17	4.86	20.00	0.20	0.40	1.20
2	0	0	0	7	1	2	2	2	7	1.40	1.17	4.86	20.00	0.20	0.40	1.20
3	0	0	0	5	1	1	2	1	5	1.00	0.83	3.47	20.00	0.20	0.40	1.20
4	0	0	0	5	1	2	1	1	5	1.00	0.83	3.47	20.00	0.20	0.40	1.20
5	0	0	0	4	1	1	1	1	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
6	0	0	0	3	0	1	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
7	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
8	0	0	0	4	1	1	1	1	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
9	0	0	0	3	0	1	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
10	0	0	0	3	1	0	2	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
11	0	0	0	3	1	1	0	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
12	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
13	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
14	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
15	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
19	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	0	1	1	0	0	2	0	2	1.80	0.67	2.78	40.00	1.60	1.92	4.80
21	0	0	0	2	0	0	1	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	0	0	3	0	0	3	0	3	0.80	0.67	2.78	30.00	0.40	0.60	1.20
24	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	1	0	0	0	1	0	1	0.60	0.17	0.69	20.00	0.60	1.20	3.60
29	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0	0	1	7	1	4	3	2	7	1.80	1.17	4.86	40.00	1.60	1.92	4.80
TOTAL	0	0	2	64	12	17	24	13	66	15.20	11.50	1.60				

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