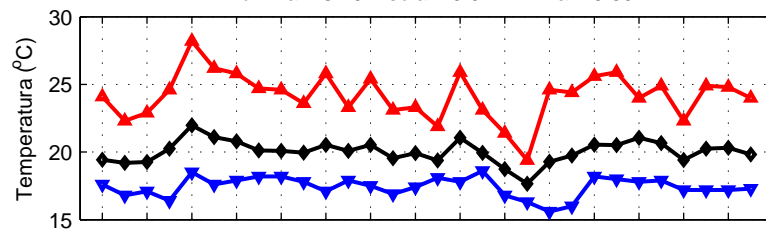


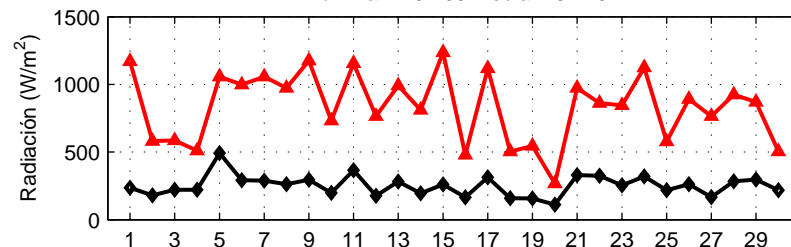
Estación: Mundo Nuevo
Fecha: Junio de 2010
Registros: 30 de 30

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>

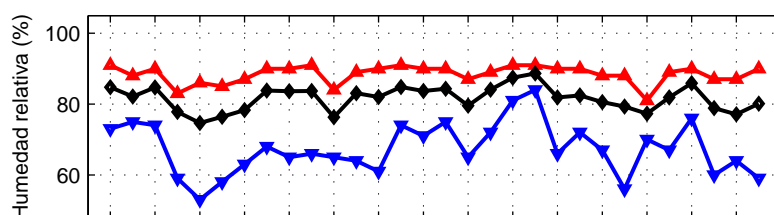
Máxima: 28.20 Media: 20.04 Mínima: 15.60



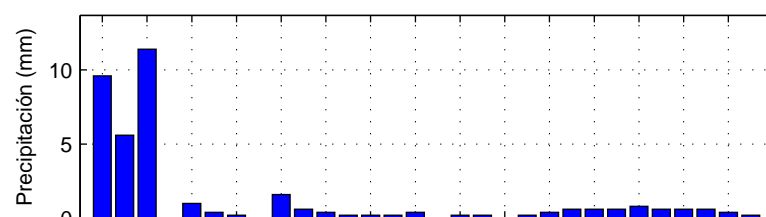
Máxima: 1237.00 Media: 251.26



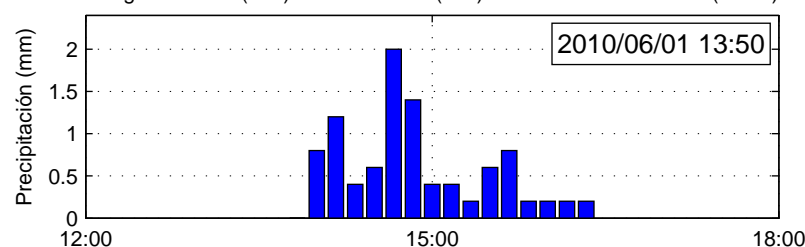
Máxima: 91.00 Media: 81.64 Mínima: 53.00



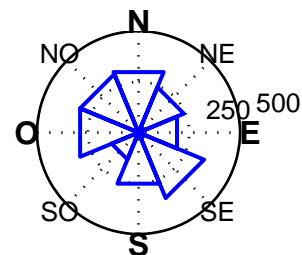
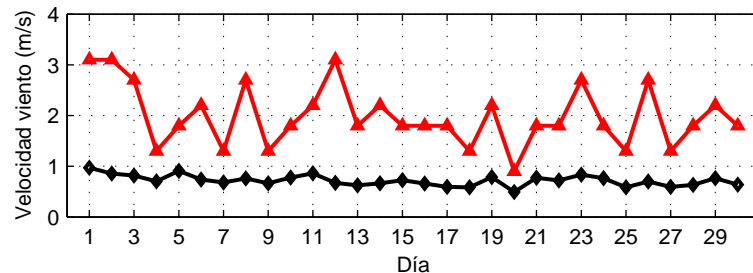
Total: 37.80 mm/mes



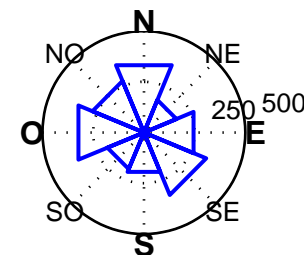
Magnitud: 9.60 (mm) Duración: 160 (min) Intensidad Media: 3.60 (mm/h)



Máxima: 3.10 Media: 0.72



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Junio de 2010
Registros: 30 de 30

Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

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	24.10	19.43	17.60	3.10	0.97	739.18	84.74	9.60	0.00	1170.00	235.78
2	22.30	19.20	16.80	3.10	0.86	740.48	82.15	5.60	0.00	580.00	179.25
3	22.90	19.27	17.10	2.70	0.82	728.67	84.69	11.40	0.00	586.00	220.93
4	24.60	20.24	16.40	1.30	0.70	739.37	77.77	0.00	0.00	510.00	220.50
5	28.20	21.98	18.50	1.80	0.91	736.63	74.67	1.00	0.00	1057.00	491.68
6	26.20	21.10	17.60	2.20	0.74	729.46	76.42	0.40	0.00	998.00	291.22
7	25.80	20.79	17.90	1.30	0.68	722.32	78.31	0.20	0.00	1057.00	288.86
8	24.70	20.12	18.20	2.70	0.76	709.03	83.83	0.00	0.00	973.00	261.62
9	24.60	20.09	18.20	1.30	0.66	673.51	83.63	1.60	0.00	1175.00	294.99
10	23.60	19.95	17.80	1.80	0.78	716.38	83.70	0.60	0.00	732.00	198.26
11	25.80	20.53	17.10	2.20	0.86	730.19	76.28	0.40	0.00	1156.00	364.75
12	23.30	20.08	17.90	3.10	0.67	744.52	83.05	0.20	0.00	764.00	176.25
13	25.40	20.52	17.50	1.80	0.62	737.59	82.00	0.20	0.00	991.00	282.32
14	23.10	19.55	16.90	2.20	0.66	744.86	84.83	0.20	0.00	811.00	194.83
15	23.30	19.92	17.40	1.80	0.73	745.42	83.72	0.40	0.00	1237.00	259.61
16	21.90	19.38	18.10	1.80	0.66	742.41	84.31	0.00	0.00	479.00	165.21
17	25.90	21.05	17.80	1.80	0.60	720.37	79.53	0.20	0.00	1118.00	313.21
18	23.10	19.94	18.60	1.30	0.59	746.80	84.10	0.20	0.00	503.00	158.56
19	21.40	18.73	16.80	2.20	0.78	740.24	87.43	0.00	0.00	545.00	157.38
20	19.40	17.65	16.30	0.90	0.49	746.19	88.63	0.20	0.00	267.00	111.40
21	24.60	19.29	15.60	1.80	0.77	743.78	81.90	0.40	0.00	973.00	329.20
22	24.40	19.73	16.00	1.80	0.72	725.94	82.43	0.60	0.00	862.00	324.39
23	25.60	20.54	18.20	2.70	0.84	734.58	80.54	0.60	0.00	846.00	254.18
24	25.90	20.52	18.00	1.80	0.76	722.64	79.31	0.60	0.00	1125.00	318.80
25	24.00	21.06	17.80	1.30	0.59	724.69	77.28	0.80	0.00	578.00	217.93
26	24.90	20.65	17.90	2.70	0.70	727.98	81.90	0.60	0.00	891.00	261.71
27	22.30	19.42	17.20	1.30	0.59	745.05	85.91	0.60	0.00	764.00	166.59
28	24.90	20.26	17.20	1.80	0.63	723.09	78.89	0.60	0.00	924.00	283.92
29	24.80	20.31	17.20	2.20	0.77	702.54	77.09	0.40	0.00	870.00	296.15
30	24.00	19.82	17.30	1.80	0.64	722.42	80.12	0.20	0.00	504.00	218.37
TOTAL								37.80	0.00		
PROM	24.17	20.04	17.43	1.99	0.72	730.21	81.64			834.87	251.26

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Junio de 2010
Registros: 30 de 30

Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

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	0	0	0	1	0	1	9.60	2.50	10.42	160.00	9.60	3.39	12.00
2	0	0	2	1	0	0	1	2	3	5.60	3.50	14.58	190.00	4.20	1.26	2.40
3	0	0	3	4	4	0	1	1	7	11.40	5.67	23.61	240.00	6.60	1.58	4.80
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	0	0	5	0	0	1	4	5	1.00	0.83	3.47	20.00	0.20	0.40	1.20
6	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
7	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	8	0	0	2	6	8	1.60	1.33	5.56	20.00	0.20	0.40	1.20
10	0	0	0	3	1	1	0	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
11	0	0	0	2	0	1	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
12	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
13	0	0	0	1	0	0	1	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	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
21	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
22	0	0	0	3	0	1	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
23	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
24	0	0	0	3	0	1	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
25	0	0	0	4	1	1	1	1	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
26	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
27	0	0	0	3	1	1	1	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
28	0	0	0	3	1	1	1	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
29	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
30	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
MAX	0	1	3	8	4	1	2	6	8	11.40	5.67	23.61	240.00	9.60	3.39	12.00
TOTAL	0	1	5	61	14	8	20	24	67	37.80	21.00	2.92				

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