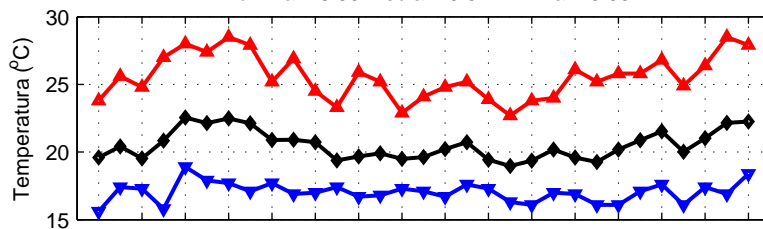


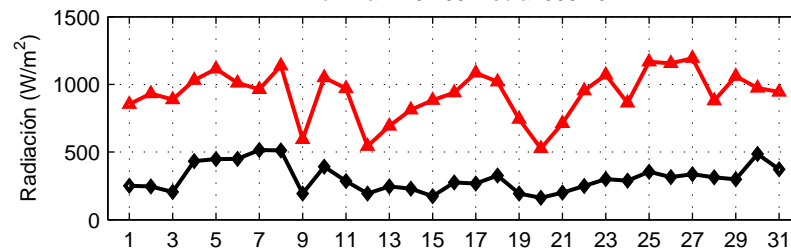
Estación: Mundo Nuevo
Fecha: Agosto de 2011
Registros: 31 de 31

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>

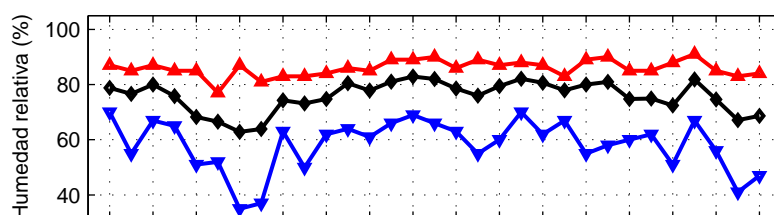
Máxima: 28.50 Media: 20.52 Mínima: 15.60



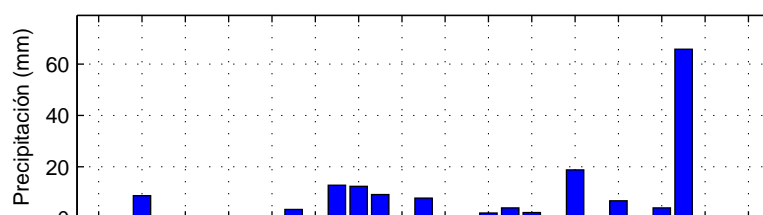
Máxima: 1194.00 Media: 306.40



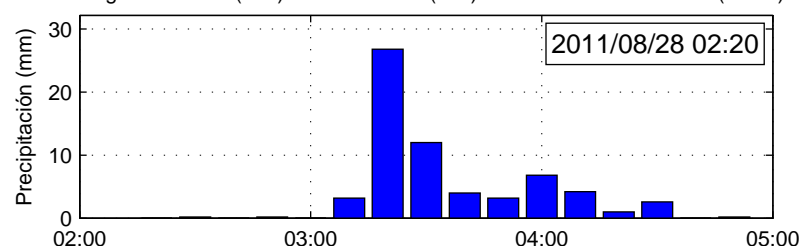
Máxima: 91.00 Media: 75.78 Mínima: 35.00



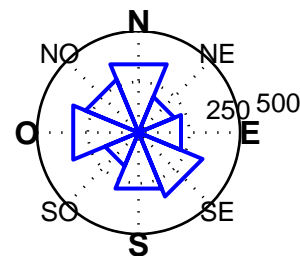
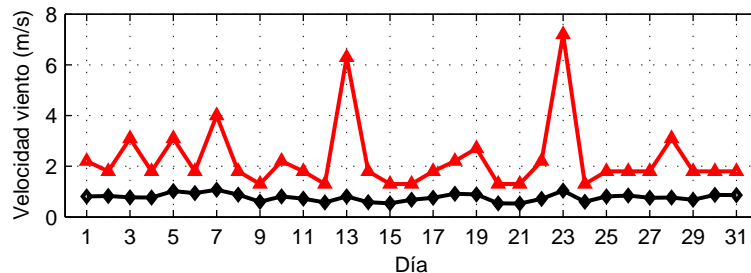
Total: 160.00 mm/mes



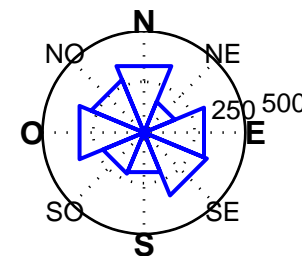
Magnitud: 64.40 (mm) Duración: 160 (min) Intensidad Media: 24.15 (mm/h)



Máxima: 7.20 Media: 0.77



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Agosto de 2011
Registros: 31 de 31

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	23.80	19.60	15.60	2.20	0.81	672.18	78.83	0.00	0.00	853.00	250.22
2	25.60	20.41	17.40	1.80	0.83	644.68	76.60	0.00	0.00	932.00	245.28
3	24.80	19.53	17.30	3.10	0.78	659.10	80.03	8.80	0.00	888.00	204.69
4	27.00	20.84	15.80	1.80	0.77	643.84	75.83	0.00	0.00	1031.00	432.09
5	28.00	22.55	18.90	3.10	1.02	669.38	68.23	0.00	0.00	1115.00	447.43
6	27.40	22.15	17.90	1.80	0.94	671.39	66.58	0.00	0.00	1011.00	449.94
7	28.50	22.49	17.70	4.00	1.08	669.34	62.85	0.00	0.00	963.00	515.15
8	27.90	22.12	17.10	1.80	0.88	670.42	63.89	0.00	0.00	1137.00	511.22
9	25.20	20.89	17.70	1.30	0.60	675.41	74.29	0.00	0.00	594.00	193.10
10	26.90	20.90	16.90	2.20	0.81	669.67	73.15	3.40	0.00	1051.00	391.47
11	24.50	20.72	17.00	1.80	0.73	681.05	74.78	0.00	0.00	970.00	284.56
12	23.30	19.37	17.40	1.30	0.57	679.15	80.45	12.80	0.00	543.00	193.81
13	25.90	19.67	16.70	6.30	0.81	665.23	77.87	12.40	0.00	693.00	244.86
14	25.20	19.91	16.80	1.80	0.58	663.42	81.06	9.20	0.00	812.00	229.70
15	22.90	19.49	17.30	1.30	0.54	673.16	82.87	0.20	0.00	883.00	172.73
16	24.10	19.63	17.10	1.30	0.68	680.10	82.02	7.80	0.00	939.00	275.81
17	24.80	20.21	16.70	1.80	0.76	686.31	78.53	0.80	0.00	1085.00	266.82
18	25.20	20.72	17.60	2.20	0.92	668.50	75.97	0.40	0.00	1020.00	325.75
19	23.90	19.43	17.30	2.70	0.89	668.13	79.46	2.00	0.00	744.00	192.78
20	22.70	18.97	16.30	1.30	0.53	662.80	82.08	4.00	0.00	527.00	162.38
21	23.80	19.36	16.10	1.30	0.53	673.44	80.69	2.20	0.00	712.00	199.14
22	24.00	20.18	17.00	2.20	0.72	674.18	77.90	0.00	0.00	954.00	249.51
23	26.10	19.60	16.90	7.20	1.04	675.51	79.98	18.80	0.00	1071.00	300.58
24	25.20	19.26	16.10	1.30	0.60	675.72	80.99	0.60	0.00	863.00	287.97
25	25.80	20.18	16.10	1.80	0.81	677.75	74.74	6.80	0.00	1167.00	353.72
26	25.80	20.87	17.10	1.80	0.84	669.99	74.90	0.00	0.00	1156.00	313.95
27	26.80	21.53	17.60	1.80	0.75	668.86	72.45	4.00	0.00	1194.00	335.42
28	24.90	20.01	16.10	3.10	0.77	668.76	81.84	65.80	0.00	880.00	313.47
29	26.40	21.03	17.40	1.80	0.68	668.43	74.63	0.00	0.00	1060.00	297.76
30	28.50	22.16	16.90	1.80	0.87	672.31	67.16	0.00	0.00	973.00	484.99
31	27.90	22.25	18.40	1.80	0.87	669.55	68.67	0.00	0.00	944.00	372.22
TOTAL								160.00	0.00		
PROM	25.57	20.52	17.04	2.28	0.77	669.93	75.78			927.90	306.40

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Agosto de 2011
Registros: 31 de 31

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	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	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	8.80	1.17	4.86	80.00	8.80	5.87	12.00
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	3.40	0.50	2.08	40.00	3.40	4.08	12.00
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	3	0	0	0	1	2	0	3	12.80	1.83	7.64	70.00	7.80	5.85	24.00
13	1	0	0	0	0	0	1	0	1	12.40	0.67	2.78	50.00	12.40	12.40	34.80
14	0	2	1	2	0	1	3	1	5	9.20	2.50	10.42	40.00	3.80	4.56	15.60
15	0	0	1	0	1	0	0	0	1	0.20	0.17	0.69	10.00	0.20	0.60	1.20
16	0	2	1	1	1	0	3	0	4	7.80	2.17	9.03	80.00	4.20	2.80	7.20
17	0	0	1	1	0	1	1	0	2	0.80	0.33	1.39	20.00	0.60	1.20	3.60
18	0	0	0	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
19	0	0	1	1	1	1	0	0	2	2.00	1.17	4.86	70.00	1.80	1.35	3.60
20	0	0	1	3	0	0	3	1	4	4.00	1.83	7.64	80.00	3.20	2.13	6.00
21	0	1	0	0	0	0	1	0	1	2.20	0.50	2.08	40.00	2.20	2.64	6.00
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	1	0	1	1	0	0	1	2	3	18.80	1.33	5.56	60.00	17.80	15.26	38.40
24	0	0	0	3	0	3	0	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
25	1	0	0	0	0	0	1	0	1	6.80	0.50	2.08	40.00	6.80	8.16	28.80
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	1	0	0	0	0	0	1	1	4.00	0.50	2.08	40.00	4.00	4.80	13.20
28	1	0	0	4	3	1	1	0	5	65.80	3.00	12.50	160.00	64.40	22.73	160.80
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
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	3	1	4	3	3	3	2	5	65.80	3.00	12.50	160.00	64.40	22.73	160.80
TOTAL	4	11	7	18	7	8	19	6	40	160.00	19.00	2.55				

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