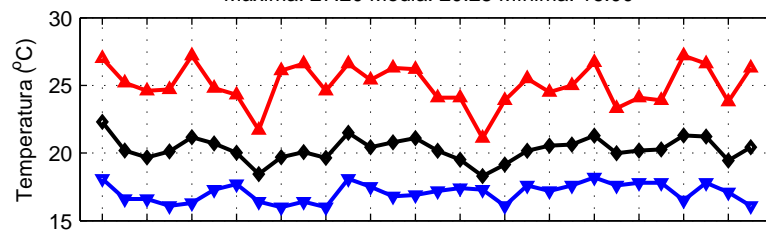


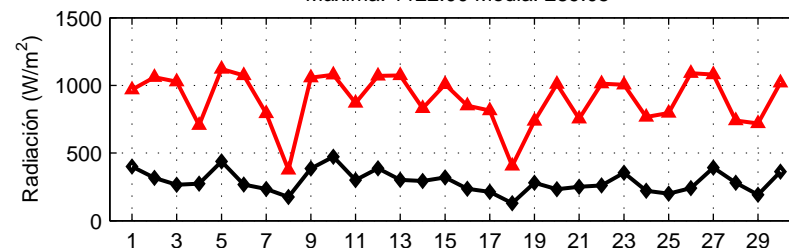
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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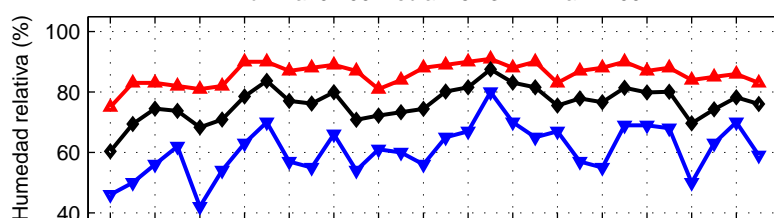
Máxima: 27.20 Media: 20.28 Mínima: 16.00



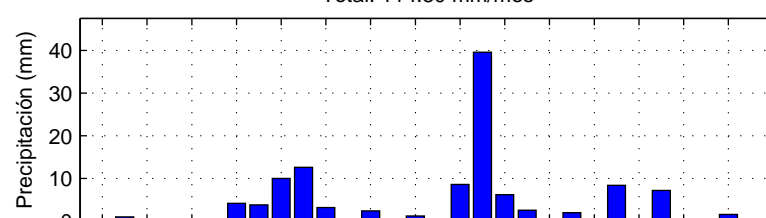
Máxima: 1122.00 Media: 289.05



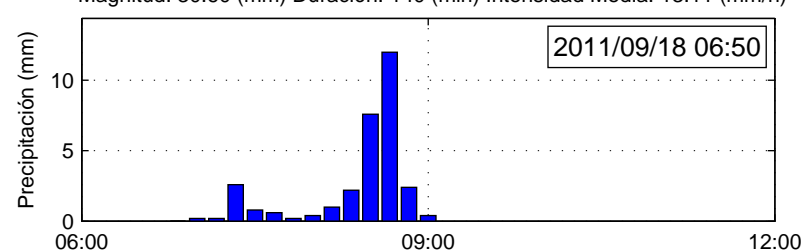
Máxima: 91.00 Media: 76.23 Mínima: 42.00



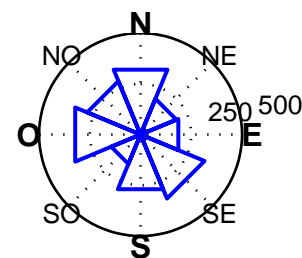
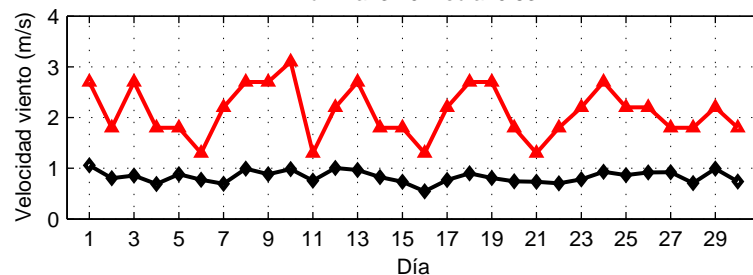
Total: 114.80 mm/mes



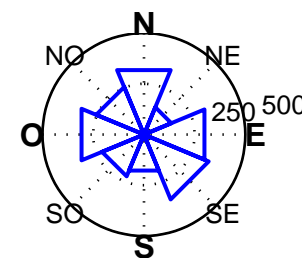
Magnitud: 30.60 (mm) Duración: 140 (min) Intensidad Media: 13.11 (mm/h)



Máxima: 3.10 Media: 0.83



Dirección del viento (Día)



Dirección del viento (Noche)

Estación: Mundo Nuevo
Fecha: Septiembre de 2011
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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.00	22.30	18.10	2.70	1.06	669.38	60.33	0.00	0.00	968.00	399.68
2	25.20	20.19	16.60	1.80	0.80	645.31	69.41	1.00	0.00	1061.00	316.23
3	24.60	19.67	16.60	2.70	0.86	666.38	74.52	0.00	0.00	1028.00	265.56
4	24.70	20.12	16.10	1.80	0.69	670.84	73.77	0.00	0.00	705.00	274.15
5	27.20	21.17	16.30	1.80	0.88	671.23	68.33	0.00	0.00	1122.00	438.26
6	24.80	20.70	17.30	1.30	0.77	670.70	70.92	0.00	0.00	1073.00	266.29
7	24.30	20.02	17.70	2.20	0.69	668.41	78.56	4.20	0.00	793.00	233.87
8	21.70	18.44	16.40	2.70	0.99	677.04	83.71	3.80	0.00	376.00	175.72
9	26.10	19.70	16.00	2.70	0.88	667.22	77.10	10.00	0.00	1057.00	386.07
10	26.60	20.08	16.40	3.10	0.98	672.68	76.16	12.60	0.00	1078.00	472.48
11	24.60	19.65	16.00	1.30	0.76	671.06	79.92	3.20	0.00	870.00	299.99
12	26.60	21.49	18.10	2.20	1.00	668.55	70.78	0.00	0.00	1071.00	387.50
13	25.40	20.44	17.50	2.70	0.97	669.83	72.24	2.40	0.00	1074.00	301.75
14	26.30	20.80	16.80	1.80	0.83	672.70	73.28	0.00	0.00	831.00	292.52
15	26.20	21.11	16.90	1.80	0.74	668.60	74.42	1.20	0.00	1008.00	319.67
16	24.10	20.16	17.20	1.30	0.55	668.63	80.17	0.00	0.00	851.00	235.86
17	24.10	19.52	17.40	2.20	0.77	668.02	81.58	8.60	0.00	814.00	213.09
18	21.10	18.30	17.30	2.70	0.90	667.53	87.49	39.60	0.00	405.00	129.36
19	23.90	19.14	16.10	2.70	0.81	674.75	83.08	6.20	0.00	737.00	280.65
20	25.50	20.17	17.60	1.80	0.74	667.95	81.55	2.60	0.00	1009.00	231.73
21	24.50	20.54	17.20	1.30	0.73	669.30	75.51	0.20	0.00	754.00	250.36
22	25.00	20.62	17.60	1.80	0.70	668.48	77.87	2.00	0.00	1013.00	259.92
23	26.70	21.29	18.20	2.20	0.78	668.86	76.66	0.00	0.00	1005.00	354.53
24	23.30	19.98	17.60	2.70	0.93	668.72	81.44	8.40	0.00	766.00	221.74
25	24.10	20.18	17.80	2.20	0.87	668.10	79.89	0.00	0.00	796.00	198.97
26	23.90	20.27	17.80	2.20	0.92	668.32	80.07	7.20	0.00	1090.00	240.89
27	27.20	21.30	16.50	1.80	0.92	670.99	69.65	0.00	0.00	1081.00	391.19
28	26.60	21.23	17.80	1.80	0.71	669.03	74.24	0.00	0.00	740.00	280.08
29	23.80	19.44	17.10	2.20	0.99	668.51	78.26	1.60	0.00	719.00	191.86
30	26.30	20.44	16.10	1.80	0.74	677.47	76.02	0.00	0.00	1019.00	361.53
TOTAL								114.80	0.00		
PROM	25.05	20.28	17.07	2.11	0.83	669.15	76.23			897.13	289.05

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Septiembre 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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	0	1	0	0	0	1	0	1	1.00	0.33	1.39	30.00	1.00	1.50	3.60
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	1	0	0	0	2	0	2	4.20	1.17	4.86	60.00	3.00	2.57	4.80
8	0	0	2	7	3	0	4	1	9	3.80	2.33	9.72	50.00	1.40	1.40	3.60
9	0	1	0	1	0	0	0	2	2	10.00	2.17	9.03	100.00	9.20	5.02	19.20
10	0	1	1	0	0	0	0	2	2	12.60	3.17	13.19	150.00	9.20	3.45	13.20
11	0	0	1	0	1	0	0	0	1	3.20	1.33	5.56	90.00	3.20	1.92	6.00
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	1	0	0	0	1	0	1	2.40	0.83	3.47	70.00	2.40	1.80	8.40
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	0	1	0	0	0	0	1	1	1.20	0.50	2.08	40.00	1.20	1.44	3.60
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	1	1	0	0	0	1	1	2	8.60	2.67	11.11	110.00	6.80	3.40	7.20
18	1	1	2	1	1	2	1	1	5	39.60	4.83	20.14	140.00	30.60	12.24	72.00
19	0	1	1	1	1	0	2	0	3	6.20	1.83	7.64	70.00	5.00	3.75	19.20
20	0	1	0	2	1	0	2	0	3	2.60	0.83	3.47	40.00	2.20	2.64	7.20
21	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	0	0	1	0	0	0	1	0	1	2.00	0.67	2.78	60.00	2.00	1.71	4.80
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	1	0	1	0	0	1	1	0	2	8.40	1.00	4.17	50.00	7.40	7.40	20.40
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	1	0	0	0	0	0	1	0	1	7.20	0.50	2.08	50.00	7.20	7.20	25.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	0	1	3	0	1	3	0	4	1.60	1.17	4.86	40.00	0.60	0.72	1.20
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	1	1	2	7	3	2	4	2	9	39.60	4.83	20.14	150.00	30.60	12.24	72.00
TOTAL	3	7	15	16	7	4	21	8	41	114.80	25.50	3.54				

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