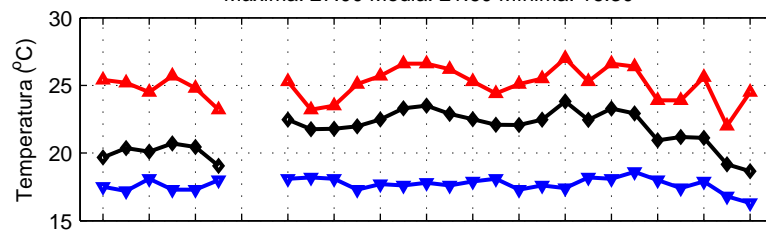


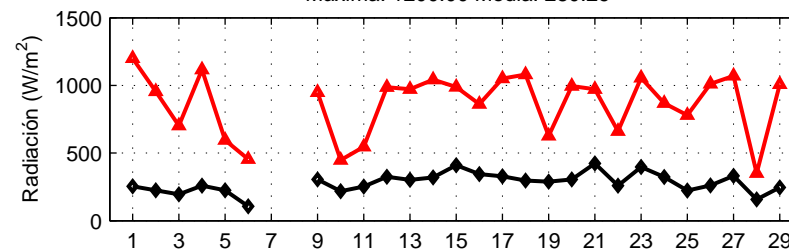
Estación: Mundo Nuevo
Fecha: Febrero de 2012
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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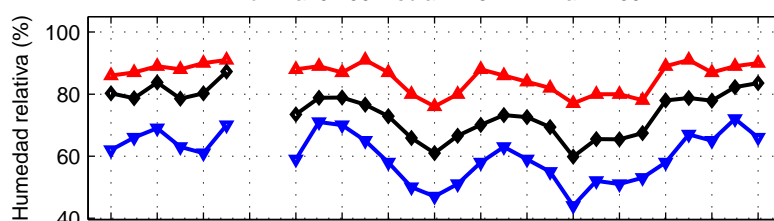
Máxima: 27.00 Media: 21.60 Mínima: 16.30



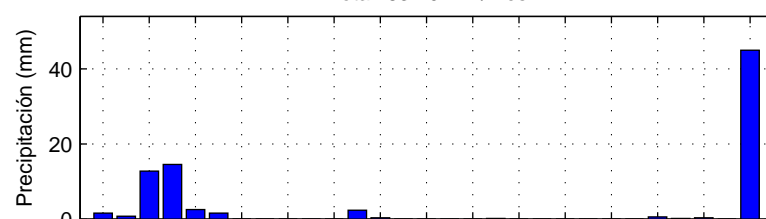
Máxima: 1200.00 Media: 280.26



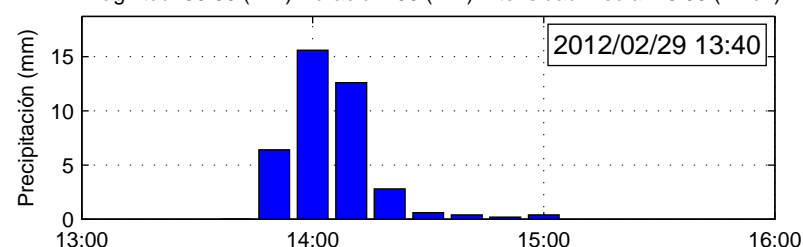
Máxima: 91.00 Media: 74.31 Mínima: 44.00



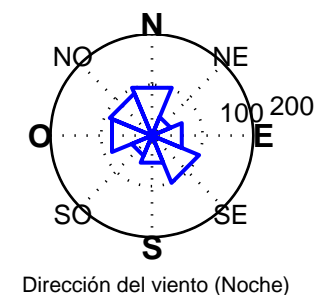
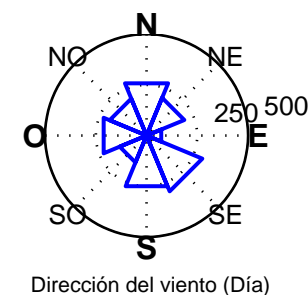
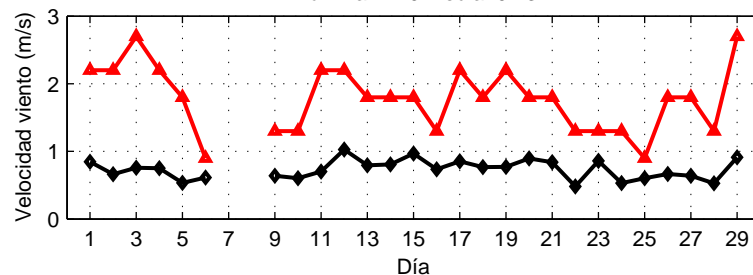
Total: 83.20 mm/mes



Magnitud: 39.00 (mm) Duración: 90 (min) Intensidad Media: 26.00 (mm/h)



Máxima: 2.70 Media: 0.73



Estación: Mundo Nuevo
Fecha: Febrero de 2012
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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	25.40	19.67	17.50	2.20	0.85	667.84	80.23	1.60	0.00	1200.00	253.80
2	25.20	20.37	17.20	2.20	0.66	668.00	78.69	0.80	0.00	956.00	223.86
3	24.50	20.10	18.10	2.70	0.76	668.48	83.74	12.80	0.00	702.00	194.90
4	25.70	20.71	17.30	2.20	0.75	668.34	78.53	14.60	0.00	1116.00	258.99
5	24.80	20.45	17.30	1.80	0.53	668.51	80.25	2.60	0.00	596.00	224.12
6	23.20	19.05	18.00	0.90	0.61	668.33	87.24	1.60	0.00	454.00	105.18
7											
8											
9	25.30	22.47	18.10	1.30	0.64	668.31	73.46	0.00	0.00	948.00	304.37
10	23.20	21.75	18.20	1.30	0.60	669.55	78.79	0.00	0.20	447.00	217.85
11	23.50	21.80	18.10	2.20	0.70	669.29	78.90	0.00	1.69	547.00	251.76
12	25.10	21.98	17.30	2.20	1.03	669.34	76.59	2.40	2.03	987.00	323.78
13	25.70	22.48	17.70	1.80	0.79	669.51	72.86	0.40	2.13	971.00	301.88
14	26.60	23.31	17.60	1.80	0.81	669.78	65.83	0.00	2.45	1042.00	319.80
15	26.60	23.51	17.80	1.80	0.97	670.15	60.97	0.00	3.05	989.00	410.62
16	26.20	22.89	17.60	1.30	0.73	670.10	66.60	0.00	2.57	861.00	344.69
17	25.30	22.50	17.90	2.20	0.85	669.92	70.05	0.00	2.32	1050.00	327.40
18	24.40	22.09	18.10	1.80	0.77	669.72	73.21	0.20	1.91	1081.00	296.67
19	25.10	22.08	17.30	2.20	0.77	669.20	72.58	0.00	2.09	627.00	287.77
20	25.50	22.47	17.60	1.80	0.90	669.51	69.35	0.00	2.26	994.00	304.14
21	27.00	23.81	17.40	1.80	0.84	669.86	59.83	0.00	3.05	971.00	422.97
22	25.30	22.45	18.20	1.30	0.48	670.06	65.48	0.00	1.85	662.00	258.92
23	26.60	23.29	18.10	1.30	0.86	669.64	65.44	0.00	2.84	1056.00	396.12
24	26.40	22.93	18.60	1.30	0.53	670.18	67.43	0.00	2.36	869.00	322.40
25	23.90	20.94	18.00	0.90	0.60	669.56	77.96	0.60	1.37	780.00	222.05
26	23.90	21.19	17.40	1.80	0.66	668.62	78.75	0.20	1.86	1012.00	260.03
27	25.60	21.12	17.90	1.80	0.64	669.23	77.86	0.40	2.27	1070.00	330.90
28	22.00	19.16	16.80	1.30	0.53	668.03	82.26	0.00	1.40	350.00	156.46
29	24.50	18.65	16.30	2.70	0.91	667.41	83.57	45.00	2.05	1008.00	245.66
TOTAL								83.20	41.75		
PROM	25.06	21.60	17.68	1.77	0.73	669.13	74.31			864.67	280.26

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Febrero de 2012
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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	1	0	0	0	1	0	1	1.60	0.83	3.47	60.00	1.60	1.37	2.40
2	0	0	1	0	0	0	0	1	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
3	0	2	1	0	0	0	3	0	3	12.80	2.00	8.33	90.00	8.80	5.28	15.60
4	1	0	0	0	0	0	0	1	1	14.60	1.17	4.86	100.00	14.60	7.96	36.00
5	0	0	1	0	0	0	0	1	1	2.60	1.50	6.25	120.00	2.60	1.20	3.60
6	0	0	1	0	0	0	1	0	1	1.60	0.83	3.47	70.00	1.60	1.20	3.60
7																
8																
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	2	1	0	2	1	0	3	2.40	1.17	4.86	40.00	1.40	1.68	6.00
13	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0	0	0	1	0	0	1	0	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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	0	1	2	0	2	1	0	3	0.60	0.50	2.08	10.00	0.20	0.60	1.20
26	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
27	0	0	1	0	0	0	0	1	1	0.40	0.17	0.69	20.00	0.40	0.80	2.40
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	1	0	2	1	2	0	2	0	4	45.00	5.00	20.83	90.00	39.00	23.40	93.60
MAX	1	2	2	2	2	2	3	1	4	45.00	5.00	20.83	120.00	39.00	23.40	93.60
TOTAL	2	2	11	8	2	5	12	4	23	83.20	14.33	2.06				

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