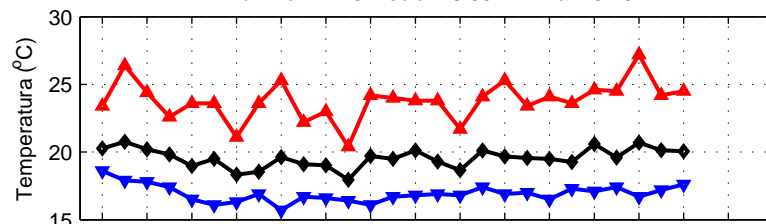


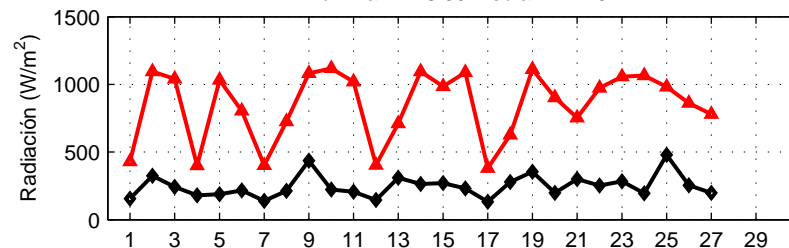
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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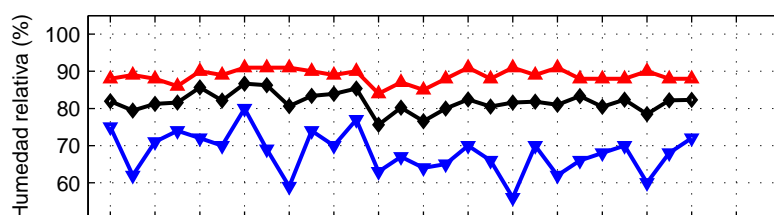
Máxima: 27.20 Media: 19.58 Mínima: 15.70



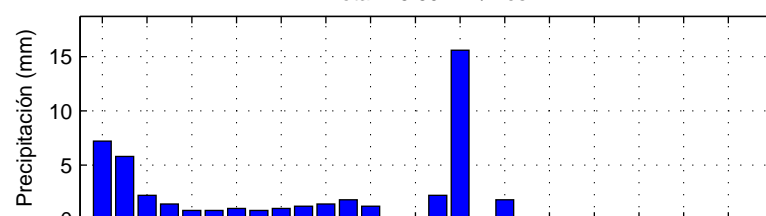
Máxima: 1118.00 Media: 247.10



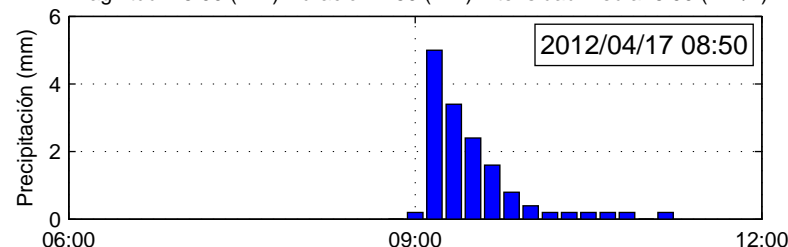
Máxima: 91.00 Media: 81.74 Mínima: 56.00



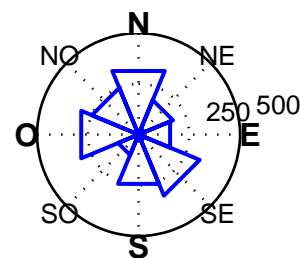
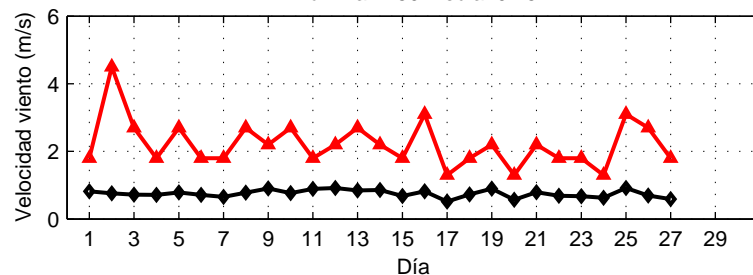
Total: 46.60 mm/mes



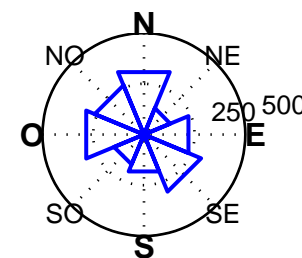
Magnitud: 15.00 (mm) Duración: 150 (min) Intensidad Media: 6.00 (mm/h)



Máxima: 4.50 Media: 0.75



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Abril de 2012
Registros: 27 de 30

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/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.40	20.27	18.60	1.80	0.82	669.17	81.93	7.20	1.52	429.00	155.15
2	26.40	20.76	17.90	4.50	0.76	668.33	79.45	5.80	2.93	1095.00	324.51
3	24.40	20.21	17.80	2.70	0.72	668.56	81.22	2.20	2.19	1040.00	242.81
4	22.60	19.83	17.40	1.80	0.72	668.01	81.59	1.40	1.68	400.00	180.10
5	23.60	18.96	16.50	2.70	0.78	667.98	85.65	0.80	1.35	1032.00	188.42
6	23.60	19.49	16.10	1.80	0.71	667.21	82.14	0.80	1.86	805.00	216.43
7	21.10	18.33	16.30	1.80	0.65	667.55	86.68	1.00	1.10	401.00	139.57
8	23.60	18.53	16.90	2.70	0.78	667.32	86.25	0.80	1.54	725.00	213.48
9	25.30	19.63	15.70	2.20	0.90	667.26	80.64	1.00	3.53	1082.00	436.74
10	22.20	19.10	16.70	2.70	0.76	667.85	83.40	1.20	2.04	1118.00	222.54
11	23.00	19.02	16.60	1.80	0.89	667.61	83.92	1.40	1.66	1020.00	206.76
12	20.40	17.94	16.40	2.20	0.91	666.97	85.34	1.80	1.21	403.00	144.85
13	24.20	19.70	16.10	2.70	0.84	667.10	75.63	1.20	2.75	711.00	309.40
14	24.00	19.50	16.70	2.20	0.86	667.95	80.23	0.20	2.32	1095.00	263.41
15	23.80	20.12	16.80	1.80	0.68	667.81	76.55	0.00	2.42	985.00	270.17
16	23.80	19.30	16.90	3.10	0.82	668.15	79.98	2.20	2.11	1089.00	230.35
17	21.70	18.66	16.80	1.30	0.52	667.28	82.44	15.60	1.35	380.00	132.81
18	24.10	20.13	17.40	1.80	0.72	667.73	80.49	0.00	2.46	627.00	279.23
19	25.30	19.68	16.90	2.20	0.90	668.07	81.60	1.80	2.95	1111.00	354.24
20	23.40	19.56	17.00	1.30	0.57	668.00	81.83	0.20	1.86	903.00	198.44
21	24.10	19.49	16.50	2.20	0.79	667.68	80.99	0.00	2.66	754.00	300.44
22	23.60	19.26	17.30	1.80	0.68	667.75	83.32	0.00	2.24	973.00	252.11
23	24.60	20.59	17.10	1.80	0.67	668.03	80.42	0.00	2.51	1057.00	283.63
24	24.50	19.60	17.40	1.30	0.63	668.36	82.35	0.00	1.83	1065.00	195.07
25	27.20	20.70	16.70	3.10	0.92	668.06	78.45	0.00	4.02	982.00	479.45
26	24.20	20.14	17.20	2.70	0.69	668.53	82.16	0.00	2.08	861.00	254.33
27	24.50	20.05	17.60	1.80	0.59	668.23	82.29	0.00	1.82	780.00	197.35
28											
29											
30											
TOTAL								46.60	57.99		
PROM	23.80	19.58	16.94	2.21	0.75	667.87	81.74			849.00	247.10

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Abril de 2012
Registros: 27 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	5	0	0	4	1	5	7.20	6.00	25.00	310.00	3.80	0.71	1.20
2	0	0	1	25	8	8	6	4	26	5.80	4.83	20.14	40.00	0.40	0.48	1.20
3	0	0	0	11	3	2	3	3	11	2.20	1.83	7.64	20.00	0.20	0.40	1.20
4	0	0	0	7	2	2	2	1	7	1.40	1.17	4.86	20.00	0.20	0.40	1.20
5	0	0	0	4	2	1	1	0	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
6	0	0	1	3	2	1	1	0	4	0.80	0.67	2.78	10.00	0.20	0.60	1.20
7	0	0	1	4	2	1	1	1	5	1.00	0.83	3.47	10.00	0.20	0.60	1.20
8	0	0	0	4	1	0	2	1	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
9	0	0	0	5	1	1	1	2	5	1.00	0.83	3.47	20.00	0.20	0.40	1.20
10	0	0	0	6	1	2	2	1	6	1.20	1.00	4.17	20.00	0.20	0.40	1.20
11	0	0	0	7	2	1	2	2	7	1.40	1.17	4.86	20.00	0.20	0.40	1.20
12	0	0	0	9	3	2	2	2	9	1.80	1.50	6.25	20.00	0.20	0.40	1.20
13	0	0	1	3	2	2	0	0	4	1.20	0.67	2.78	20.00	0.60	1.20	3.60
14	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	2	1	1	0	1	0	3	2.20	1.17	4.86	60.00	1.60	1.37	3.60
17	0	1	0	3	0	2	2	0	4	15.60	2.67	11.11	150.00	15.00	5.62	30.00
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	0	8	6	2	0	0	8	1.80	1.50	6.25	30.00	0.40	0.60	1.20
20	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	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																
29																
30																
MAX	0	1	2	25	8	8	6	4	26	15.60	6.00	25.00	310.00	15.00	5.62	30.00
TOTAL	0	1	6	107	37	27	31	18	114	46.60	27.50	3.82				

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