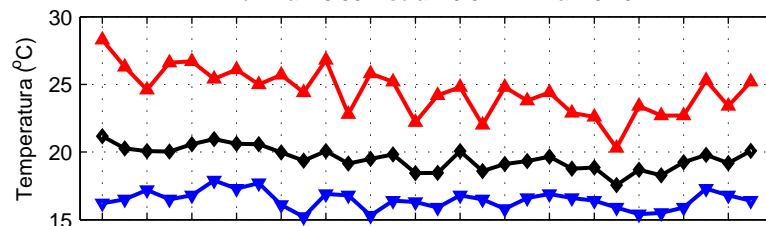


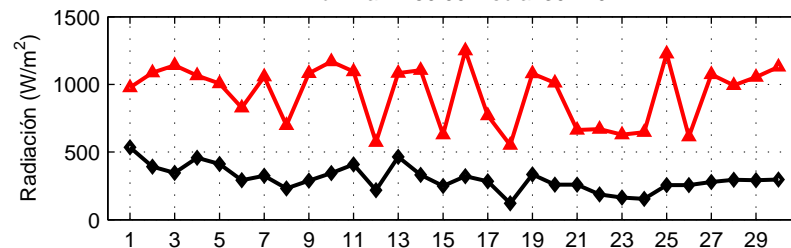
**Estación: Mundo Nuevo**  
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Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
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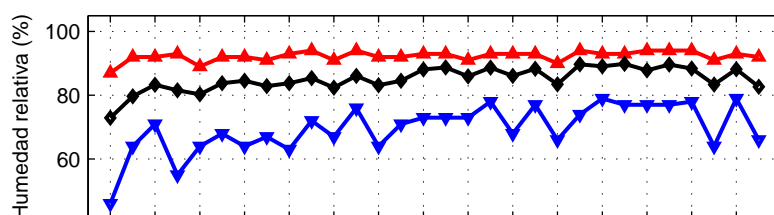
Máxima: 28.30 Media: 19.54 Mínima: 15.20



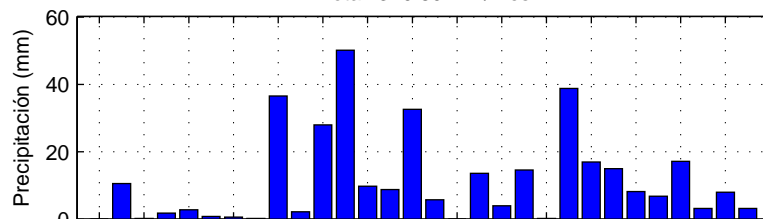
Máxima: 1250.00 Media: 301.49



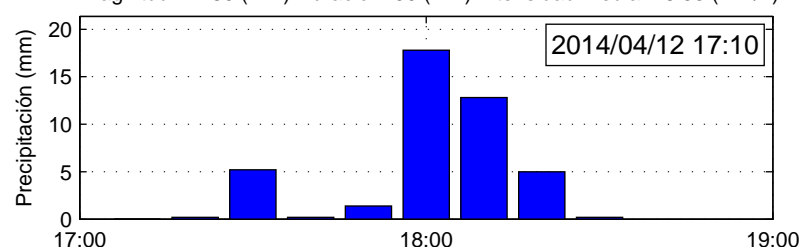
Máxima: 94.00 Media: 85.09 Mínima: 46.00



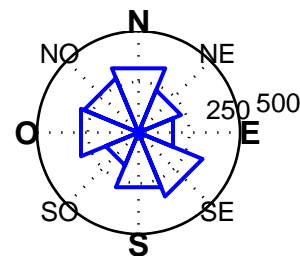
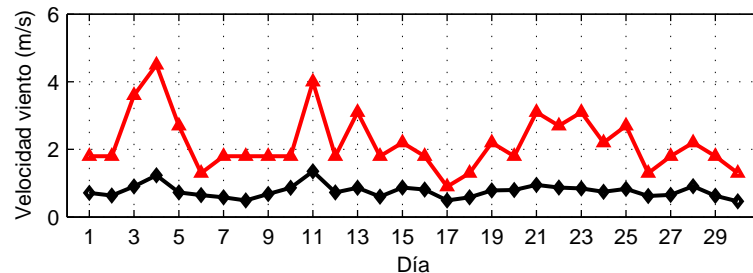
Total: 340.80 mm/mes



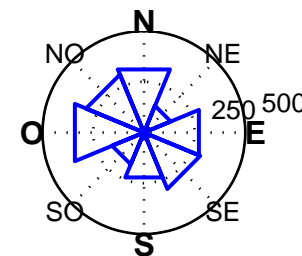
Magnitud: 42.80 (mm) Duración: 90 (min) Intensidad Media: 28.53 (mm/h)



Máxima: 4.50 Media: 0.76



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Mundo Nuevo**  
**Fecha: Abril de 2014**  
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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/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	28.30	21.17	16.20	1.80	0.71	697.70	72.94	0.00	4.38	976.00	534.90
2	26.30	20.27	16.50	1.80	0.64	700.26	79.71	10.60	3.33	1087.00	392.63
3	24.60	20.07	17.20	3.60	0.91	701.20	83.32	0.20	2.58	1141.00	345.62
4	26.60	20.04	16.50	4.50	1.23	707.73	81.53	1.80	3.68	1066.00	457.14
5	26.70	20.58	16.80	2.70	0.73	700.20	80.33	2.80	3.48	1006.00	411.89
6	25.40	20.96	17.90	1.30	0.65	693.55	83.78	0.80	2.38	828.00	292.29
7	26.10	20.61	17.30	1.80	0.58	693.35	84.57	0.60	2.51	1058.00	324.19
8	25.00	20.58	17.70	1.80	0.49	703.11	82.90	0.20	1.88	698.00	230.32
9	25.70	19.97	16.10	1.80	0.68	698.00	83.82	36.60	2.24	1082.00	287.53
10	24.40	19.37	15.20	1.80	0.86	702.10	85.42	2.20	2.80	1169.00	344.01
11	26.80	20.07	16.90	4.00	1.35	697.23	82.40	28.00	3.28	1095.00	407.92
12	22.80	19.15	16.80	1.80	0.73	707.38	86.10	50.20	1.89	572.00	218.24
13	25.80	19.49	15.30	3.10	0.86	693.76	83.15	9.80	3.71	1083.00	463.85
14	25.20	19.83	16.40	1.80	0.60	700.71	84.56	8.80	2.65	1105.00	331.37
15	22.20	18.44	16.30	2.20	0.87	696.86	88.11	32.60	1.74	628.00	249.16
16	24.20	18.46	15.90	1.80	0.81	699.46	88.74	5.80	2.37	1250.00	321.19
17	24.80	20.08	16.80	0.90	0.49	688.35	85.94	0.00	2.27	769.00	284.19
18	22.00	18.59	16.50	1.30	0.58	689.48	88.69	13.60	0.93	551.00	121.00
19	24.80	19.11	15.80	2.20	0.79	698.23	86.11	4.00	2.41	1081.00	335.14
20	23.80	19.33	16.60	1.80	0.80	691.31	88.33	14.60	2.07	1011.00	259.53
21	24.40	19.67	16.90	3.10	0.95	695.90	83.43	0.20	2.11	663.00	258.51
22	22.90	18.77	16.60	2.70	0.87	684.83	89.70	38.80	1.34	670.00	186.38
23	22.60	18.85	16.40	3.10	0.84	684.20	89.08	17.00	1.20	628.00	162.93
24	20.30	17.56	15.90	2.20	0.75	694.65	89.85	15.00	1.05	647.00	153.19
25	23.40	18.68	15.40	2.70	0.83	687.58	87.81	8.20	1.98	1226.00	255.97
26	22.70	18.28	15.50	1.30	0.62	690.56	89.63	6.80	1.85	613.00	254.90
27	22.70	19.24	15.90	1.80	0.65	684.20	88.41	17.20	2.09	1074.00	278.10
28	25.30	19.78	17.30	2.20	0.91	687.25	83.34	3.20	2.48	993.00	295.09
29	23.40	19.18	16.80	1.80	0.63	696.16	88.17	8.00	2.20	1054.00	291.32
30	25.20	20.09	16.40	1.30	0.46	693.68	82.70	3.20	2.42	1129.00	296.14
TOTAL								340.80	71.30		
PROM	24.48	19.54	16.46	2.20	0.76	695.30	85.09			931.77	301.49

Cuadro 1: Resumen de análisis climatológico

**Estación: Mundo Nuevo**  
**Fecha: Abril de 2014**  
**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	1	0	0	0	0	0	1	0	1	10.60	0.83	3.47	60.00	10.60	9.09	21.60
3	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
4	0	1	0	0	0	0	1	0	1	1.80	0.17	0.69	20.00	1.80	3.60	10.80
5	1	0	0	0	0	0	1	0	1	2.80	0.17	0.69	20.00	2.80	5.60	16.80
6	0	0	1	0	0	0	0	1	1	0.80	0.33	1.39	30.00	0.80	1.20	2.40
7	0	0	0	2	0	0	1	1	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
8	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
9	1	1	0	0	0	0	1	1	2	36.60	3.33	13.89	180.00	33.80	10.67	38.40
10	0	1	0	1	2	0	0	0	2	2.20	0.50	2.08	20.00	2.00	4.00	9.60
11	1	0	0	0	0	0	1	0	1	28.00	1.00	4.17	70.00	28.00	21.00	52.80
12	1	1	0	0	0	0	1	1	2	50.20	2.50	10.42	90.00	42.80	25.68	106.80
13	0	1	0	0	0	0	1	0	1	9.80	1.33	5.56	100.00	9.80	5.35	18.00
14	1	0	1	0	0	0	2	0	2	8.80	0.83	3.47	50.00	8.00	8.00	28.80
15	1	0	0	2	0	1	2	0	3	32.60	3.17	13.19	190.00	32.20	9.66	43.20
16	0	1	0	0	0	0	1	0	1	5.80	0.83	3.47	60.00	5.80	4.97	10.80
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	2	1	1	0	1	2	1	4	13.60	2.67	11.11	100.00	8.40	4.58	15.60
19	0	1	1	4	1	1	3	1	6	4.00	2.17	9.03	30.00	1.40	2.10	6.00
20	0	1	0	2	2	0	1	0	3	14.60	4.00	16.67	190.00	13.00	3.90	20.40
21	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	1	0	0	2	0	3	0	0	3	38.80	2.83	11.81	170.00	38.40	12.80	54.00
23	1	1	0	3	0	0	3	2	5	17.00	2.83	11.81	90.00	8.20	4.92	16.80
24	0	1	0	1	1	0	1	0	2	15.00	4.50	18.75	280.00	14.80	3.06	10.80
25	0	2	2	0	0	0	0	4	4	8.20	1.83	7.64	50.00	4.20	4.20	12.00
26	0	1	1	1	1	0	1	1	3	6.80	1.67	6.94	90.00	6.20	3.72	9.60
27	1	0	0	2	2	0	1	0	3	17.20	2.00	8.33	130.00	16.80	7.20	31.20
28	0	1	0	0	0	0	1	0	1	3.20	0.67	2.78	50.00	3.20	3.20	8.40
29	0	0	1	1	1	0	1	0	2	8.00	3.67	15.28	240.00	7.80	1.87	4.80
30	0	1	1	0	0	0	0	2	2	3.20	0.50	2.08	30.00	2.40	3.60	9.60
MAX	1	2	2	4	2	3	3	4	6	50.20	4.50	18.75	280.00	42.80	25.68	106.80
TOTAL	10	17	9	25	10	7	29	15	61	340.80	45.33	6.30				

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