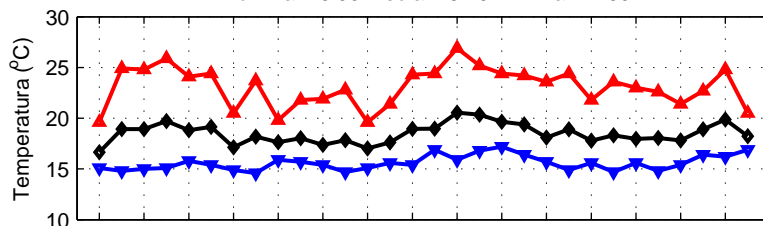


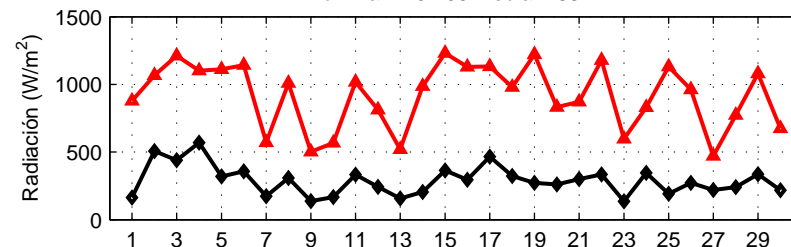
Estación: Mundo Nuevo
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Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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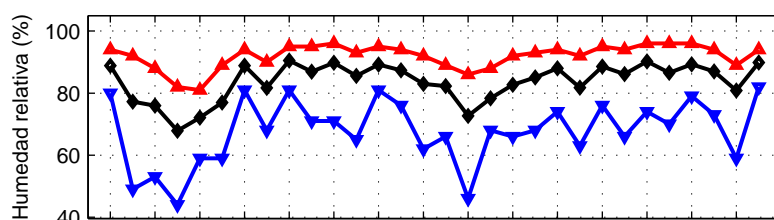
Máxima: 26.90 Media: 18.49 Mínima: 14.60



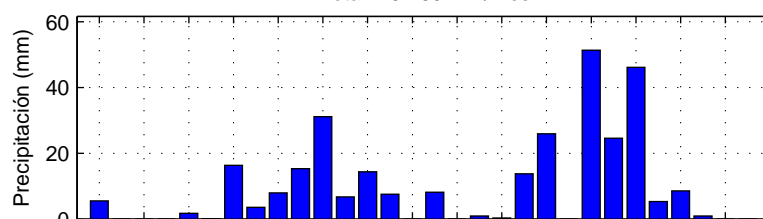
Máxima: 1231.00 Media: 288.27



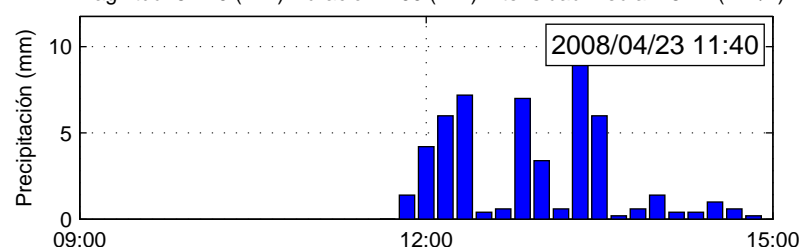
Máxima: 96.00 Media: 83.70 Mínima: 44.00



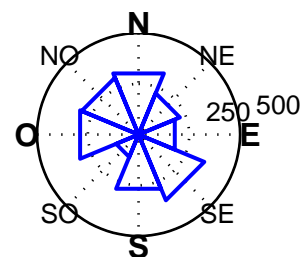
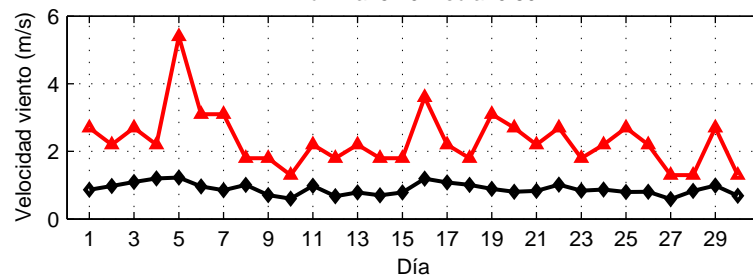
Total: 297.60 mm/mes



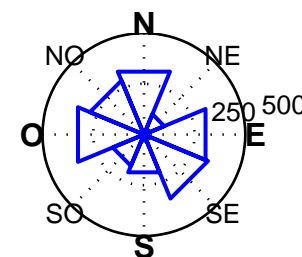
Magnitud: 51.40 (mm) Duración: 200 (min) Intensidad Media: 15.42 (mm/h)



Máxima: 5.40 Media: 0.89



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
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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	19.60	16.64	15.10	2.70	0.86	759.69	88.87	5.60	0.00	878.00	164.01
2	24.90	18.92	14.80	2.20	0.98	758.61	77.22	0.00	0.00	1067.00	507.49
3	24.80	18.93	15.00	2.70	1.09	757.88	75.96	0.00	0.00	1212.00	438.95
4	25.90	19.72	15.10	2.20	1.20	757.87	67.88	0.00	0.00	1101.00	568.84
5	24.10	18.81	15.80	5.40	1.22	757.98	72.09	1.80	0.00	1111.00	320.31
6	24.40	19.15	15.40	3.10	0.96	757.75	76.97	0.20	0.00	1143.00	356.90
7	20.50	17.13	14.90	3.10	0.85	758.03	88.83	16.40	0.00	571.00	172.79
8	23.70	18.19	14.60	1.80	1.01	757.42	81.71	3.60	0.00	1010.00	308.65
9	19.80	17.62	15.90	1.80	0.70	757.44	90.50	8.00	0.00	502.00	137.87
10	21.80	18.02	15.70	1.30	0.60	757.52	86.94	15.40	0.00	567.00	166.66
11	21.90	17.37	15.40	2.20	0.98	757.60	89.79	31.20	0.00	1017.00	331.94
12	22.80	17.83	14.70	1.80	0.67	757.58	85.58	6.80	0.00	813.00	242.30
13	19.60	17.02	15.10	2.20	0.78	752.87	89.18	14.40	0.00	520.00	156.14
14	21.40	17.62	15.60	1.80	0.70	758.28	87.36	7.60	0.00	986.00	203.75
15	24.30	18.95	15.40	1.80	0.78	757.39	82.99	0.00	0.00	1231.00	363.94
16	24.40	18.96	16.90	3.60	1.19	755.72	82.28	8.20	0.00	1130.00	294.72
17	26.90	20.54	15.90	2.20	1.08	755.72	72.67	0.00	0.00	1132.00	465.27
18	25.20	20.36	16.80	1.80	1.01	754.90	78.28	1.00	0.00	980.00	323.00
19	24.40	19.66	17.20	3.10	0.89	755.93	82.65	0.40	0.00	1222.00	271.19
20	24.20	19.38	16.40	2.70	0.81	756.22	85.07	13.80	0.00	832.00	259.65
21	23.60	18.09	15.70	2.20	0.83	757.19	87.99	26.00	0.00	871.00	300.54
22	24.40	18.89	14.90	2.70	1.01	757.01	81.76	0.00	0.00	1178.00	334.74
23	21.80	17.78	15.60	1.80	0.84	757.23	88.56	51.40	0.00	597.00	135.70
24	23.60	18.31	14.70	2.20	0.87	758.33	86.10	24.60	0.00	830.00	346.40
25	23.00	17.97	15.60	2.70	0.80	757.36	90.22	46.20	0.00	1131.00	192.06
26	22.60	18.05	14.80	2.20	0.81	757.47	86.58	5.40	0.00	962.00	272.47
27	21.40	17.80	15.40	1.30	0.59	757.73	89.31	8.60	0.00	470.00	219.24
28	22.70	18.90	16.40	1.30	0.83	757.63	86.95	1.00	0.00	773.00	240.63
29	24.80	19.86	16.20	2.70	0.99	757.08	80.80	0.00	0.00	1081.00	335.18
30	20.50	18.22	16.90	1.30	0.69	757.16	89.87	0.00	0.00	674.00	216.89
TOTAL								297.60	0.00		
PROM	23.10	18.49	15.60	2.33	0.89	757.22	83.70			919.73	288.27

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Abril de 2008
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	1	2	2	1	0	4	0	5	5.60	2.33	9.72	30.00	2.20	3.30	7.20
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	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	1	0	0	0	1	0	1	1.80	1.00	4.17	90.00	1.80	1.08	3.60
6	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	1	1	0	0	1	0	1	0	2	16.40	2.50	10.42	70.00	11.00	8.25	22.80
8	0	1	0	1	0	0	2	0	2	3.60	1.17	4.86	60.00	3.20	2.74	8.40
9	0	1	2	4	3	1	3	0	7	8.00	3.83	15.97	90.00	3.80	2.28	6.00
10	0	2	0	0	0	0	0	2	2	15.40	2.17	9.03	120.00	12.60	5.82	22.80
11	0	2	1	3	2	1	1	2	6	31.20	6.67	27.78	190.00	19.40	5.82	34.80
12	0	1	0	1	0	0	1	1	2	6.80	1.33	5.56	60.00	6.20	5.31	20.40
13	0	2	1	3	2	1	3	0	6	14.40	2.83	11.81	80.00	7.80	5.20	14.40
14	0	1	2	1	0	0	3	0	4	7.60	2.17	9.03	30.00	3.20	4.80	13.20
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	1	0	1	0	0	2	0	2	8.20	1.33	5.56	80.00	8.00	5.33	27.60
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	1	0	0	0	1	0	1	1.00	0.33	1.39	30.00	1.00	1.50	3.60
19	0	0	0	2	0	0	1	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
20	1	0	0	1	0	0	2	0	2	13.80	1.00	4.17	50.00	13.40	13.40	61.20
21	1	1	1	4	2	0	3	2	7	26.00	4.67	19.44	60.00	16.40	14.06	48.00
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	0	0	0	1	0	0	1	51.40	3.17	13.19	200.00	51.40	14.69	58.80
24	1	0	0	0	0	0	0	1	1	24.60	1.00	4.17	70.00	24.60	18.45	61.20
25	1	2	0	0	1	0	1	1	3	46.20	3.33	13.89	160.00	39.80	14.05	96.00
26	1	0	1	0	0	0	1	1	2	5.40	0.83	3.47	30.00	4.60	6.90	21.60
27	0	1	0	2	0	1	2	0	3	8.60	1.50	6.25	80.00	8.00	5.33	18.00
28	0	1	0	0	0	0	1	0	1	1.00	0.17	0.69	20.00	1.00	2.00	6.00
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
MAX	1	2	2	4	3	1	4	2	7	51.40	6.67	27.78	200.00	51.40	18.45	96.00
TOTAL	7	18	12	26	12	5	34	11	63	297.60	43.83	6.09				

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