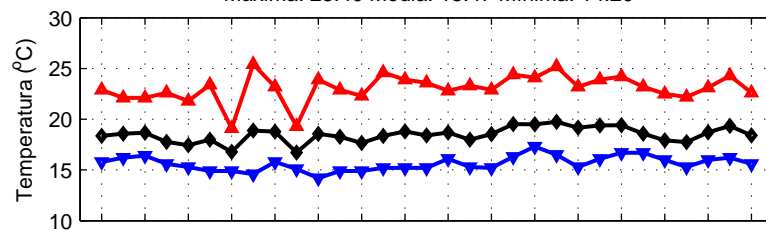


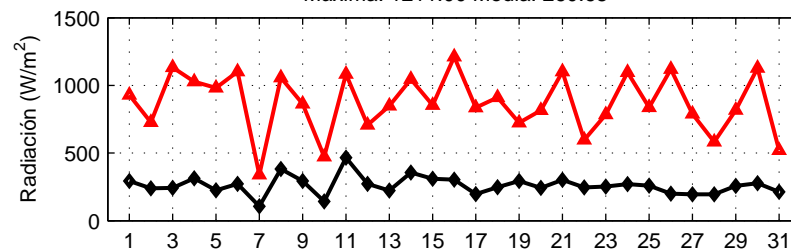
Estación: Mundo Nuevo
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Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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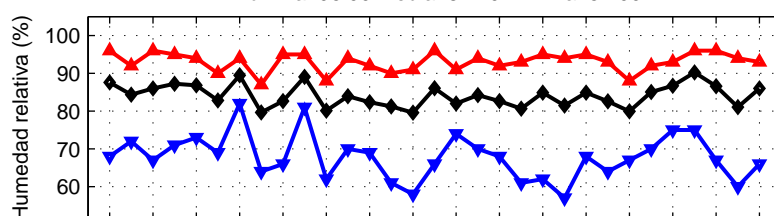
Máxima: 25.40 Media: 18.47 Mínima: 14.20



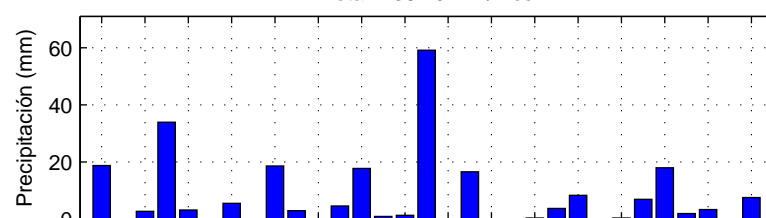
Máxima: 1211.00 Media: 260.68



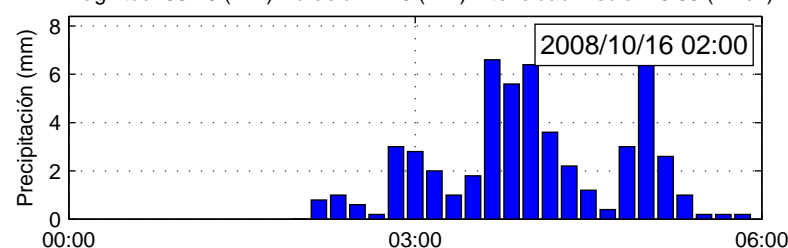
Máxima: 96.00 Media: 84.10 Mínima: 57.00



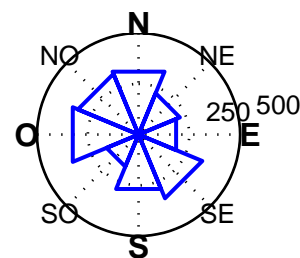
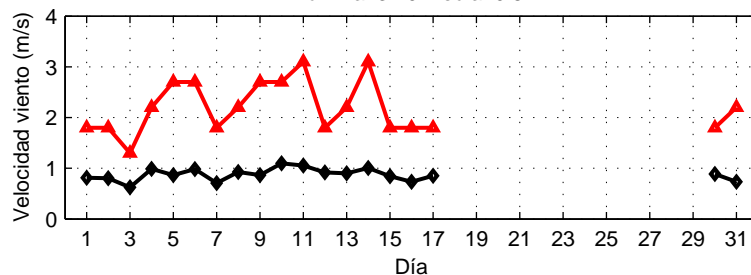
Total: 238.40 mm/mes



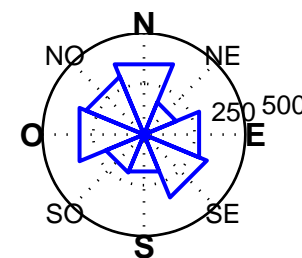
Magnitud: 53.40 (mm) Duración: 240 (min) Intensidad Media: 13.35 (mm/h)



Máxima: 3.10 Media: 0.87



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	22.90	18.36	15.80	1.80	0.81	758.97	87.56	18.80	0.00	929.00	292.99
2	22.10	18.57	16.20	1.80	0.80	758.05	84.31	0.20	0.00	727.00	238.36
3	22.10	18.67	16.40	1.30	0.62	758.63	85.94	2.80	0.00	1132.00	241.94
4	22.60	17.76	15.60	2.20	0.99	758.57	87.18	34.00	0.00	1027.00	312.96
5	21.80	17.44	15.30	2.70	0.87	759.27	86.77	3.20	0.00	981.00	224.26
6	23.40	17.99	14.90	2.70	0.99	759.02	82.79	0.00	0.00	1101.00	272.26
7	19.10	16.79	14.90	1.80	0.71	759.67	89.47	5.60	0.00	340.00	106.54
8	25.40	18.89	14.60	2.20	0.93	758.93	79.64	0.00	0.00	1058.00	381.93
9	23.20	18.78	15.80	2.70	0.87	757.67	82.62	18.60	0.00	863.00	293.17
10	19.30	16.71	15.10	2.70	1.10	758.71	89.01	3.00	0.00	473.00	142.56
11	23.90	18.56	14.20	3.10	1.05	757.96	80.08	0.00	0.00	1083.00	466.49
12	22.90	18.27	14.90	1.80	0.92	757.82	83.94	4.60	0.00	707.00	271.89
13	22.30	17.65	14.90	2.20	0.90	758.08	82.35	17.80	0.00	849.00	223.10
14	24.60	18.36	15.20	3.10	1.01	758.13	81.22	1.00	0.00	1046.00	355.70
15	23.90	18.79	15.20	1.80	0.84	758.25	79.59	1.40	0.00	854.00	309.61
16	23.60	18.40	15.20	1.80	0.73	759.48	86.01	59.20	0.00	1211.00	303.24
17	22.80	18.68	16.10	1.80	0.85	758.95	81.97	0.20	0.00	835.00	197.03
18	23.30	17.99	15.30			758.98	84.19	16.60	0.00	911.00	247.94
19	22.90	18.54	15.20			758.78	82.62	0.20	0.00	723.00	292.82
20	24.40	19.52	16.30			758.17	80.64	0.00	0.00	815.00	242.54
21	24.10	19.51	17.30			757.43	84.85	0.40	0.00	1101.00	300.90
22	25.20	19.74	16.50			756.95	81.47	3.80	0.00	597.00	244.90
23	23.20	19.17	15.30			757.40	84.87	8.40	0.00	785.00	252.56
24	23.90	19.39	16.10			758.13	82.53	0.00	0.00	1096.00	270.83
25	24.20	19.40	16.70			757.59	79.94	0.40	0.00	837.00	258.24
26	23.20	18.58	16.70			757.63	85.06	7.00	0.00	1119.00	199.54
27	22.50	17.92	16.00			758.69	86.69	18.00	0.00	789.00	195.03
28	22.20	17.75	15.30			759.06	90.19	2.00	0.00	583.00	194.01
29	23.10	18.71	16.00			758.15	86.54	3.40	0.00	818.00	257.60
30	24.30	19.34	16.20	1.80	0.89	757.79	81.02	0.20	0.00	1128.00	276.62
31	22.60	18.41	15.60	2.20	0.74	758.32	85.94	7.60	0.00	520.00	213.38
TOTAL								238.40	0.00		
PROM	23.06	18.47	15.64	2.18	0.87	758.36	84.10			872.19	260.68

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Octubre de 2008
Registros: 31 de 31

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	3	1	3	1	1	0	5	18.80	5.67	23.61	260.00	12.80	2.84	13.20
2	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
3	0	0	2	0	1	1	0	0	2	2.80	0.83	3.47	40.00	1.40	1.68	3.60
4	1	1	0	0	1	0	1	0	2	34.00	4.33	18.06	210.00	19.60	5.35	33.60
5	0	1	0	0	0	0	1	0	1	3.20	0.83	3.47	60.00	3.20	2.74	7.20
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	0	1	2	1	1	1	0	3	5.60	2.67	11.11	170.00	5.20	1.73	4.80
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1	1	0	1	0	0	1	2	3	18.60	1.50	6.25	50.00	14.80	14.80	51.60
10	0	0	1	3	1	1	2	0	4	3.00	2.33	9.72	110.00	1.40	0.70	1.20
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	1	0	1	2	0	0	0	2	4.60	0.83	3.47	50.00	4.40	4.40	13.20
13	1	0	0	1	0	0	1	1	2	17.80	2.00	8.33	100.00	17.00	9.27	40.80
14	0	0	1	0	0	0	0	1	1	1.00	0.50	2.08	40.00	1.00	1.20	2.40
15	0	0	1	1	0	0	1	1	2	1.40	0.83	3.47	60.00	1.20	1.03	2.40
16	1	1	0	2	1	3	0	0	4	59.20	5.17	21.53	240.00	53.40	12.82	42.00
17	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
18	0	2	0	3	0	0	5	0	5	16.60	3.17	13.19	120.00	10.40	4.80	18.00
19	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
22	0	1	0	0	0	0	0	1	1	3.80	1.17	4.86	90.00	3.80	2.28	9.60
23	0	1	0	1	2	0	0	0	2	8.40	1.33	5.56	90.00	8.20	4.92	25.20
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	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
26	0	1	0	2	1	0	2	0	3	7.00	1.33	5.56	70.00	6.60	4.95	13.20
27	0	2	0	0	0	0	1	1	2	18.00	4.83	20.14	200.00	11.40	3.26	12.00
28	0	0	1	5	1	0	3	2	6	2.00	1.33	5.56	30.00	0.80	1.20	2.40
29	0	0	2	3	3	1	1	0	5	3.40	2.00	8.33	50.00	1.40	1.40	3.60
30	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
31	0	1	1	4	1	0	3	2	6	7.60	2.33	9.72	50.00	4.40	4.40	8.40
MAX	1	2	3	5	3	3	5	2	6	59.20	5.67	23.61	260.00	53.40	14.80	51.60
TOTAL	4	14	13	38	21	8	28	12	69	238.40	46.33	6.23				

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