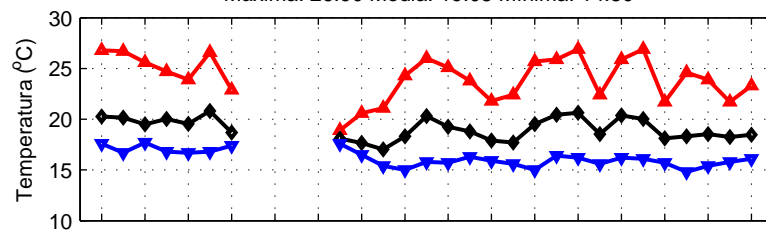


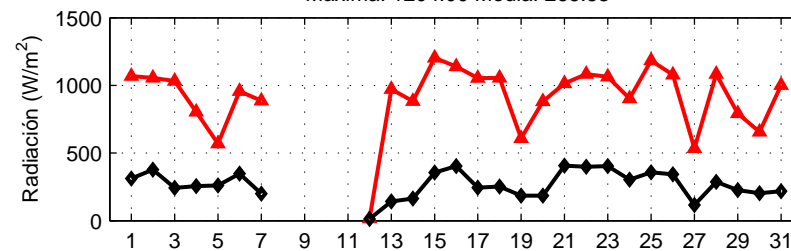
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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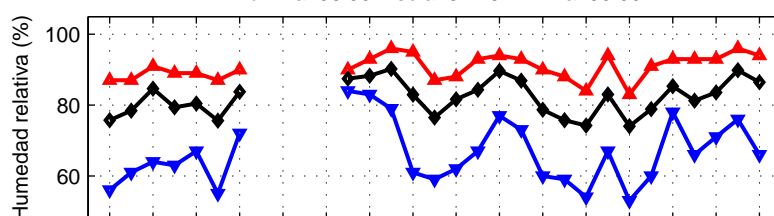
Máxima: 26.90 Media: 19.08 Mínima: 14.80



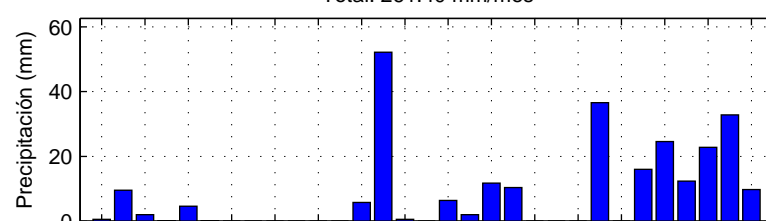
Máxima: 1204.00 Media: 266.53



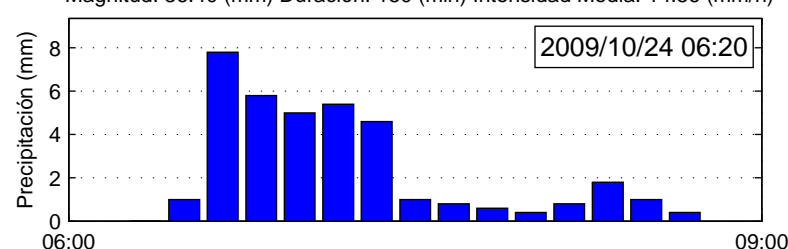
Máxima: 96.00 Media: 82.10 Mínima: 53.00



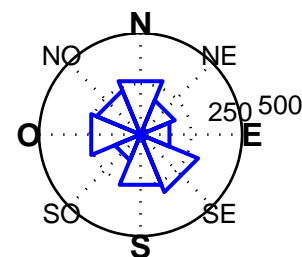
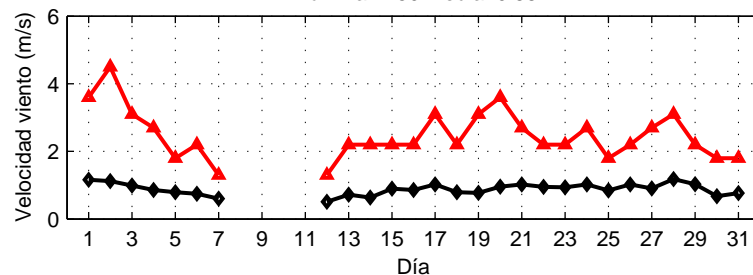
Total: 261.40 mm/mes



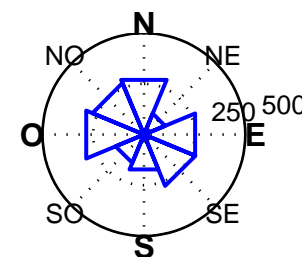
Magnitud: 36.40 (mm) Duración: 150 (min) Intensidad Media: 14.56 (mm/h)



Máxima: 4.50 Media: 0.88



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Octubre de 2009
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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	26.80	20.27	17.60	3.60	1.16	766.11	75.72	0.60	0.00	1069.00	311.88
2	26.70	20.15	16.70	4.50	1.12	767.98	78.42	9.60	0.00	1055.00	377.41
3	25.60	19.50	17.70	3.10	0.99	766.56	84.61	2.00	0.00	1032.00	243.00
4	24.70	20.03	16.80	2.70	0.86	767.37	79.38	0.20	0.00	804.00	254.66
5	23.90	19.53	16.70	1.80	0.79	769.84	80.40	4.60	0.00	570.00	260.25
6	26.60	20.82	16.80	2.20	0.74	767.87	75.59	0.20	0.00	957.00	346.75
7	22.90	18.69	17.40	1.30	0.60	766.18	83.73	0.00	0.00	886.00	200.29
8											
9											
10											
11											
12	18.90	18.10	17.60	1.30	0.51	767.45	87.45	0.00	0.00	16.00	12.00
13	20.60	17.65	16.50	2.20	0.72	768.19	88.26	5.80	0.00	971.00	142.18
14	21.10	17.03	15.40	2.20	0.63	765.46	90.24	52.20	0.00	883.00	162.75
15	24.30	18.31	15.00	2.20	0.90	769.53	82.95	0.60	0.00	1204.00	356.36
16	26.00	20.30	15.80	2.20	0.86	766.67	76.48	0.00	0.00	1140.00	402.77
17	25.10	19.25	15.70	3.10	1.02	766.63	81.64	6.40	0.00	1054.00	243.24
18	23.80	18.80	16.30	2.20	0.79	767.03	84.35	2.00	0.00	1056.00	252.15
19	21.80	17.90	15.90	3.10	0.77	767.18	89.65	11.80	0.00	608.00	185.20
20	22.40	17.70	15.60	3.60	0.96	766.39	86.92	10.40	0.00	882.00	185.44
21	25.70	19.51	15.00	2.70	1.02	769.42	78.66	0.00	0.00	1015.00	405.83
22	25.90	20.44	16.40	2.20	0.95	766.18	75.75	0.00	0.00	1084.00	398.71
23	26.90	20.64	16.20	2.20	0.94	765.99	74.22	0.00	0.00	1063.00	403.93
24	22.40	18.54	15.60	2.70	1.02	766.78	82.98	36.60	0.00	902.00	302.49
25	25.90	20.38	16.20	1.80	0.84	766.48	74.05	0.00	0.00	1184.00	357.15
26	26.90	20.02	16.10	2.20	1.02	766.50	78.87	16.00	0.00	1078.00	342.89
27	21.70	18.11	15.70	2.70	0.91	767.01	85.31	24.60	0.00	535.00	116.53
28	24.60	18.30	14.80	3.10	1.18	769.88	81.24	12.40	0.00	1084.00	285.89
29	23.90	18.53	15.40	2.20	1.03	767.43	83.59	22.80	0.00	793.00	226.63
30	21.70	18.25	15.80	1.80	0.68	767.54	89.84	32.80	0.00	656.00	202.53
31	23.30	18.47	16.10	1.80	0.77	767.53	86.47	9.80	0.00	1002.00	217.32
TOTAL								261.40	0.00		
PROM	24.08	19.08	16.18	2.47	0.88	767.30	82.10			910.48	266.53

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Octubre de 2009
Registros: 27 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	0	1	1	0	0	2	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
2	1	0	0	0	0	0	1	0	1	9.60	0.50	2.08	40.00	9.60	11.52	39.60
3	0	0	1	2	0	0	2	1	3	2.00	1.17	4.86	80.00	1.20	0.80	2.40
4	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
5	0	1	0	0	0	1	0	0	1	4.60	0.67	2.78	50.00	4.60	4.60	15.60
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8																
9																
10																
11																
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	0	3	0	0	0	3	0	3	5.80	3.00	12.50	70.00	2.80	2.10	6.00
14	1	2	1	1	1	1	1	2	5	52.20	7.50	31.25	100.00	24.00	13.09	38.40
15	0	0	1	1	2	0	0	0	2	0.60	0.50	2.08	40.00	0.40	0.48	1.20
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	1	0	0	0	0	1	0	1	6.40	0.83	3.47	60.00	6.40	5.49	20.40
18	0	0	2	1	0	0	2	1	3	2.00	1.17	4.86	30.00	0.80	1.20	3.60
19	0	2	1	4	2	1	4	0	7	11.80	3.50	14.58	120.00	7.40	3.42	18.00
20	1	1	1	1	0	0	3	1	4	10.40	2.33	9.72	110.00	5.40	2.70	8.40
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	1	0	0	1	0	1	0	1	2	36.60	2.50	10.42	150.00	36.40	13.65	46.80
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	1	0	0	0	0	0	1	0	1	16.00	0.67	2.78	50.00	16.00	16.00	54.00
27	0	1	0	0	0	0	1	0	1	24.60	3.33	13.89	220.00	24.60	6.42	42.00
28	1	0	0	0	0	0	1	0	1	12.40	1.17	4.86	80.00	12.40	8.27	28.80
29	2	0	1	0	0	0	2	1	3	22.80	2.50	10.42	110.00	14.80	7.40	19.20
30	1	0	0	0	0	1	0	0	1	32.80	2.50	10.42	160.00	32.80	11.58	38.40
31	0	0	2	0	0	0	1	1	2	9.80	3.67	15.28	170.00	5.80	1.93	10.80
MAX	2	2	3	4	2	1	4	2	7	52.20	7.50	31.25	220.00	36.40	16.00	54.00
TOTAL	9	8	14	14	5	5	27	8	45	261.40	38.17	5.13				

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