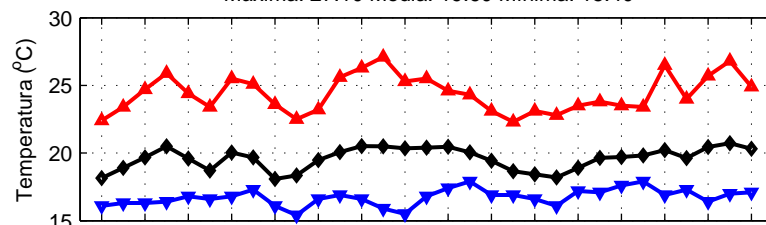


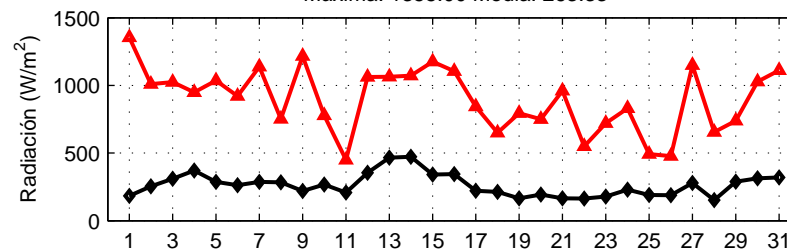
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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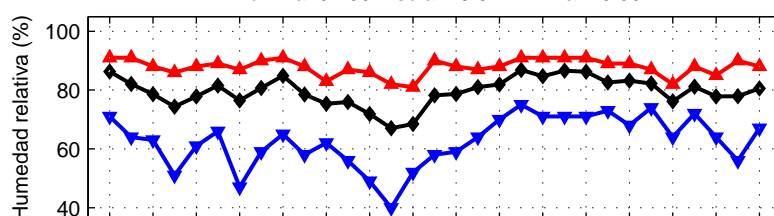
Máxima: 27.10 Media: 19.60 Mínima: 15.40



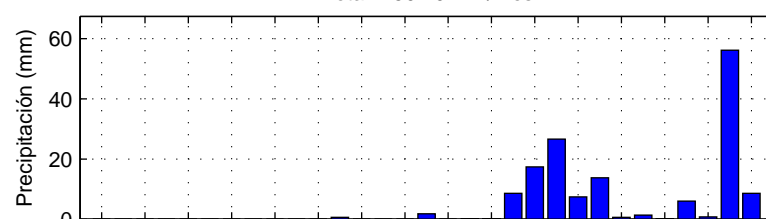
Máxima: 1355.00 Media: 263.33



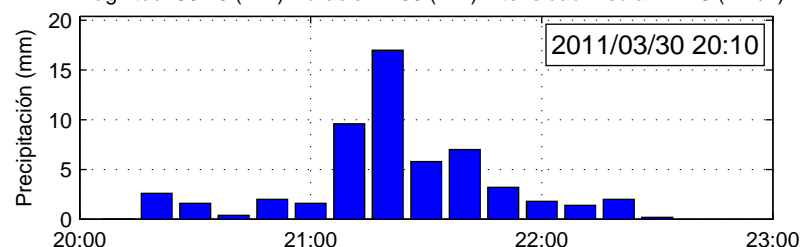
Máxima: 91.00 Media: 79.54 Mínima: 40.00



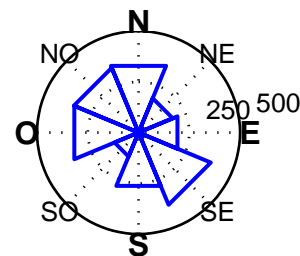
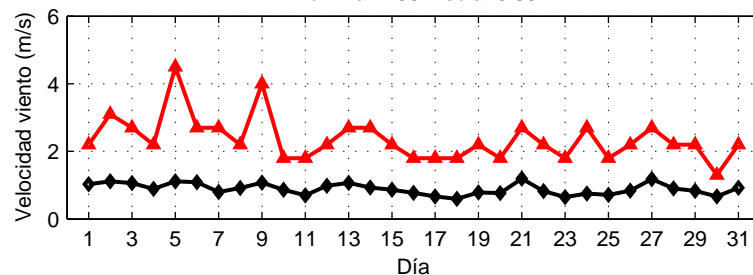
Total: 150.40 mm/mes



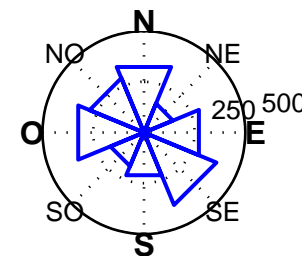
Magnitud: 56.20 (mm) Duración: 150 (min) Intensidad Media: 22.48 (mm/h)



Máxima: 4.50 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/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.40	18.15	16.10	2.20	1.03	660.63	86.27	0.00	0.00	1355.00	182.54
2	23.40	18.90	16.30	3.10	1.11	658.48	82.07	0.00	0.00	1009.00	253.63
3	24.70	19.67	16.30	2.70	1.06	673.03	78.56	0.00	0.00	1025.00	310.44
4	25.90	20.49	16.40	2.20	0.89	671.37	74.39	0.00	0.00	949.00	369.84
5	24.40	19.60	16.80	4.50	1.12	674.10	77.87	0.00	0.00	1036.00	286.39
6	23.40	18.70	16.60	2.70	1.09	671.18	81.56	0.00	0.00	921.00	262.86
7	25.50	20.04	16.80	2.70	0.80	664.92	76.44	0.00	0.00	1137.00	285.92
8	25.10	19.67	17.30	2.20	0.92	669.72	80.74	0.00	0.00	752.00	283.27
9	23.60	18.08	16.10	4.00	1.07	665.65	84.88	0.00	0.00	1216.00	218.97
10	22.50	18.34	15.40	1.80	0.86	645.30	78.53	0.00	0.00	778.00	267.62
11	23.20	19.47	16.60	1.80	0.70	655.84	75.31	0.00	0.00	449.00	207.54
12	25.60	20.07	16.90	2.20	0.98	663.99	75.97	0.60	0.00	1062.00	353.40
13	26.30	20.51	16.60	2.70	1.07	651.86	71.88	0.00	0.00	1063.00	466.25
14	27.10	20.50	15.90	2.70	0.93	667.43	66.99	0.00	0.00	1072.00	472.55
15	25.30	20.36	15.50	2.20	0.86	680.26	68.44	0.00	0.00	1176.00	341.51
16	25.50	20.40	16.80	1.80	0.77	639.26	78.22	1.80	0.00	1105.00	344.93
17	24.60	20.47	17.40	1.80	0.67	676.68	78.67	0.00	0.00	843.00	221.56
18	24.30	20.05	17.90	1.80	0.60	667.42	81.04	0.20	0.00	649.00	212.24
19	23.10	19.43	16.90	2.20	0.79	668.87	81.88	0.20	0.00	794.00	164.39
20	22.30	18.66	16.90	1.80	0.77	660.35	86.79	8.60	0.00	750.00	193.14
21	23.10	18.42	16.60	2.70	1.19	653.50	84.74	17.40	0.00	960.00	164.38
22	22.80	18.20	16.10	2.20	0.83	663.39	86.61	26.60	0.00	550.00	163.49
23	23.50	18.90	17.20	1.80	0.65	673.60	86.20	7.40	0.00	720.00	177.89
24	23.80	19.65	17.10	2.70	0.76	663.34	82.58	13.80	0.00	831.00	228.58
25	23.50	19.70	17.60	1.80	0.71	659.73	83.23	0.60	0.00	492.00	189.21
26	23.40	19.82	17.90	2.20	0.83	680.98	82.19	1.40	0.00	478.00	188.24
27	26.50	20.22	16.90	2.70	1.18	664.23	76.13	0.20	0.00	1150.00	278.23
28	24.00	19.63	17.30	2.20	0.90	660.77	81.13	6.00	0.00	654.00	152.67
29	25.70	20.44	16.40	2.20	0.83	671.87	77.86	0.80	0.00	738.00	288.51
30	26.80	20.72	17.00	1.30	0.67	678.67	77.91	56.20	0.00	1027.00	312.67
31	24.90	20.32	17.10	2.20	0.93	673.23	80.54	8.60	0.00	1112.00	320.34
TOTAL								150.40	0.00		
PROM	24.39	19.60	16.73	2.36	0.89	665.47	79.54			898.48	263.33

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Marzo de 2011
Registros: 31 de 31

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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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	1	0	0	0	1	0	1	0.60	0.33	1.39	30.00	0.60	0.90	2.40
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	4	2	1	1	1	5	1.80	1.17	4.86	40.00	1.00	1.20	2.40
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	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
19	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	1	3	4	3	3	1	1	8	8.60	4.17	17.36	50.00	3.20	3.20	7.20
21	0	1	0	1	0	0	1	1	2	17.40	2.17	9.03	140.00	17.20	6.88	28.80
22	1	2	1	6	3	2	1	4	10	26.60	6.00	25.00	160.00	13.80	4.87	18.00
23	0	1	0	2	2	0	1	0	3	7.40	1.50	6.25	70.00	6.80	5.10	12.00
24	1	0	0	3	0	1	1	2	4	13.80	1.50	6.25	50.00	12.80	12.80	38.40
25	0	0	0	3	2	0	1	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
26	0	0	0	3	0	0	3	0	3	1.40	1.17	4.86	70.00	0.80	0.60	1.20
27	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
28	0	1	0	0	0	0	1	0	1	6.00	2.00	8.33	140.00	6.00	2.40	7.20
29	0	0	1	0	0	0	1	0	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
30	1	0	0	0	0	0	0	1	1	56.20	2.33	9.72	150.00	56.20	21.07	102.00
31	1	0	0	0	0	0	1	0	1	8.60	0.83	3.47	60.00	8.60	7.37	31.20
MAX	1	2	3	6	3	3	3	4	10	56.20	6.00	25.00	160.00	56.20	21.07	102.00
TOTAL	4	6	7	29	12	7	17	10	46	150.40	24.67	3.32				

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