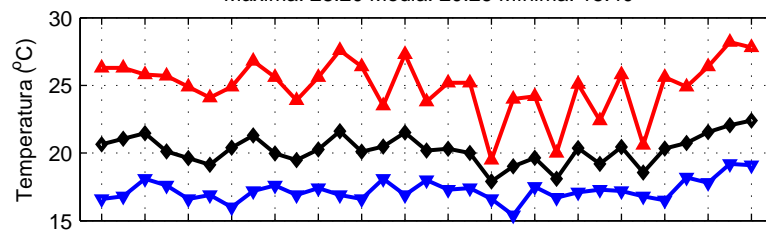


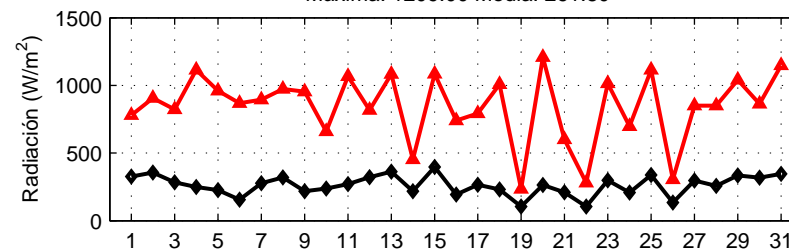
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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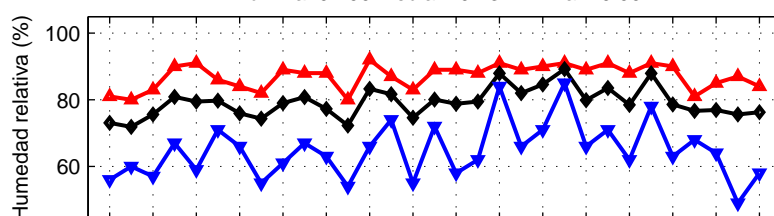
Máxima: 28.20 Media: 20.26 Mínima: 15.40



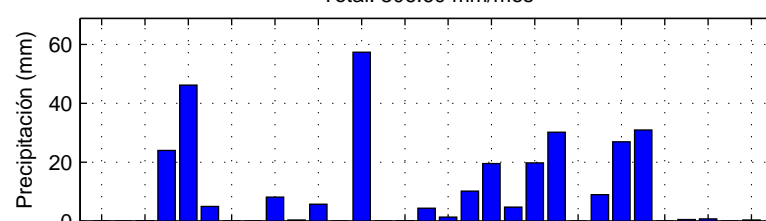
Máxima: 1209.00 Media: 261.80



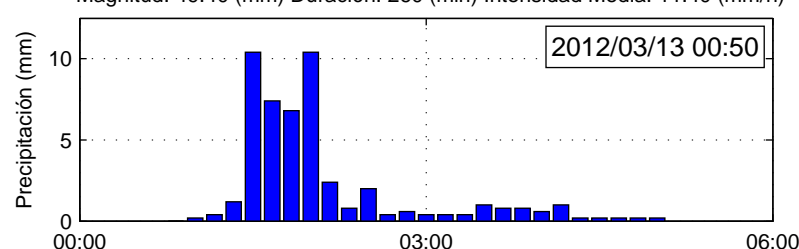
Máxima: 92.00 Media: 79.23 Mínima: 49.00



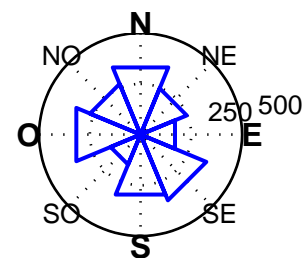
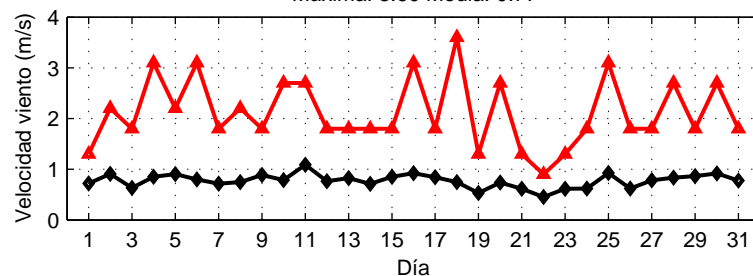
Total: 306.60 mm/mes



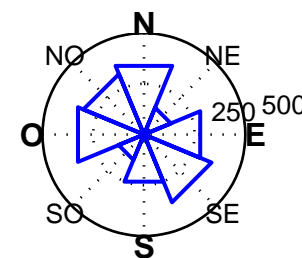
Magnitud: 49.40 (mm) Duración: 260 (min) Intensidad Media: 11.40 (mm/h)



Máxima: 3.60 Media: 0.77



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	26.30	20.65	16.60	1.30	0.72	669.03	73.08	0.00	2.95	779.00	326.40
2	26.30	21.06	16.80	2.20	0.91	668.62	71.87	0.00	3.27	906.00	356.51
3	25.80	21.46	18.10	1.80	0.63	669.06	75.63	0.20	2.72	822.00	283.06
4	25.70	20.11	17.60	3.10	0.85	668.77	80.90	24.00	2.17	1115.00	249.59
5	24.90	19.63	16.60	2.20	0.91	667.81	79.48	46.20	1.99	960.00	225.51
6	24.10	19.13	16.90	3.10	0.80	667.92	79.78	5.00	1.59	869.00	154.69
7	24.90	20.39	16.00	1.80	0.71	667.63	75.97	0.00	2.47	894.00	276.19
8	26.80	21.30	17.20	2.20	0.75	668.65	74.35	0.00	2.91	973.00	319.62
9	25.60	19.97	17.60	1.80	0.89	668.67	79.03	8.20	2.19	953.00	217.85
10	23.90	19.48	16.90	2.70	0.78	667.77	80.81	0.40	2.10	659.00	236.93
11	25.60	20.26	17.40	2.70	1.09	667.94	77.28	5.80	2.58	1067.00	270.19
12	27.60	21.61	16.90	1.80	0.76	668.52	72.30	0.00	2.99	817.00	321.62
13	26.40	20.10	16.60	1.80	0.83	668.87	83.27	57.40	2.93	1084.00	362.07
14	23.50	20.48	18.10	1.80	0.71	668.61	81.72	0.00	1.97	453.00	217.05
15	27.30	21.52	16.90	1.80	0.85	668.56	74.60	0.20	3.49	1085.00	396.94
16	23.80	20.18	18.00	3.10	0.92	668.96	80.08	4.40	1.79	740.00	193.24
17	25.20	20.32	17.30	1.80	0.84	668.11	78.81	1.40	2.32	793.00	265.43
18	25.20	20.01	17.40	3.60	0.75	668.33	79.48	10.20	2.17	1008.00	230.28
19	19.50	17.89	16.60	1.30	0.53	667.42	87.99	19.60	0.77	234.00	103.51
20	24.00	19.02	15.40	2.70	0.74	669.81	82.03	4.80	2.23	1209.00	263.40
21	24.20	19.64	17.50	1.30	0.62	667.87	84.60	19.80	1.62	600.00	210.13
22	20.00	18.09	16.70	0.90	0.45	667.43	89.22	30.20	0.76	280.00	104.65
23	25.10	20.37	17.10	1.30	0.62	667.44	79.86	0.00	2.61	1015.00	299.01
24	22.40	19.20	17.30	1.80	0.62	668.22	83.53	9.00	1.68	698.00	208.18
25	25.80	20.44	17.20	3.10	0.93	667.90	78.46	27.00	3.13	1115.00	338.11
26	20.60	18.56	16.80	1.80	0.62	667.98	87.94	31.00	0.96	304.00	134.69
27	25.60	20.32	16.50	1.80	0.78	667.57	78.64	0.00	2.66	850.00	296.58
28	24.90	20.74	18.20	2.70	0.83	668.60	76.69	0.60	2.42	851.00	256.35
29	26.40	21.54	17.80	1.80	0.87	668.74	76.95	0.80	3.05	1040.00	334.00
30	28.20	22.06	19.20	2.70	0.92	669.33	75.59	0.00	2.98	864.00	318.71
31	27.80	22.40	19.10	1.80	0.78	669.71	76.26	0.40	3.33	1148.00	345.24
TOTAL								306.60	72.80		
PROM	24.95	20.26	17.24	2.12	0.77	668.38	79.23			844.68	261.80

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Marzo de 2012
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	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	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
4	1	0	1	2	2	0	2	0	4	24.00	1.83	7.64	70.00	22.40	16.80	57.60
5	1	1	1	0	3	0	0	0	3	46.20	3.50	14.58	170.00	43.20	14.40	43.20
6	0	1	0	1	0	0	2	0	2	5.00	1.17	4.86	70.00	4.80	3.60	9.60
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	1	0	0	2	0	0	1	2	3	8.20	1.33	5.56	60.00	7.60	6.51	21.60
10	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
11	0	2	0	0	0	0	2	0	2	5.80	1.33	5.56	70.00	3.40	2.55	6.00
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	2	0	0	0	1	0	1	0	2	57.40	4.83	20.14	260.00	49.40	10.98	62.40
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	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	0	1	0	1	0	0	2	0	2	4.40	1.33	5.56	60.00	3.80	3.26	12.00
17	0	1	0	4	2	1	2	0	5	1.40	0.83	3.47	10.00	0.60	1.80	3.60
18	1	2	0	0	0	0	2	1	3	10.20	1.50	6.25	50.00	6.80	6.80	18.00
19	0	1	0	5	1	5	0	0	6	19.60	4.83	20.14	270.00	18.60	3.99	26.40
20	0	0	3	4	0	0	3	4	7	4.80	2.83	11.81	60.00	1.60	1.37	3.60
21	2	0	0	1	0	0	1	2	3	19.80	2.17	9.03	50.00	10.20	10.20	38.40
22	0	1	1	2	2	1	1	0	4	30.20	6.83	28.47	230.00	23.40	5.85	32.40
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	0	1	2	0	3	0	0	0	3	9.00	3.00	12.50	120.00	4.60	2.12	6.00
25	1	0	0	0	0	0	0	1	1	27.00	2.00	8.33	130.00	27.00	11.57	44.40
26	0	1	0	0	1	0	0	0	1	31.00	7.00	29.17	470.00	31.00	3.87	24.00
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	0	1	0	0	0	1	0	1	0.60	0.33	1.39	30.00	0.60	0.90	2.40
29	0	0	0	4	0	0	4	0	4	0.80	0.67	2.78	20.00	0.20	0.40	1.20
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
MAX	2	2	3	5	3	5	4	4	7	57.40	7.00	29.17	470.00	49.40	16.80	62.40
TOTAL	9	12	9	32	15	8	28	11	62	306.60	48.33	6.50				

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