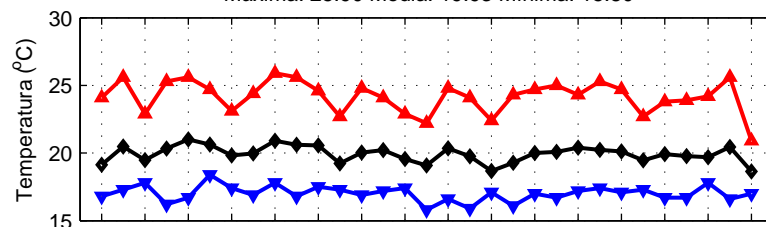


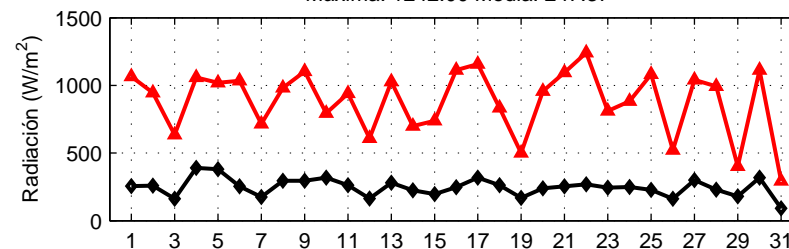
Estación: Mundo Nuevo
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Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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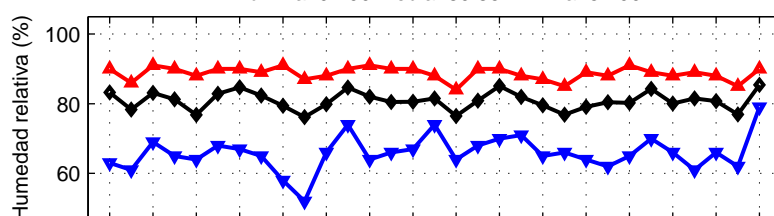
Máxima: 25.90 Media: 19.93 Mínima: 15.80



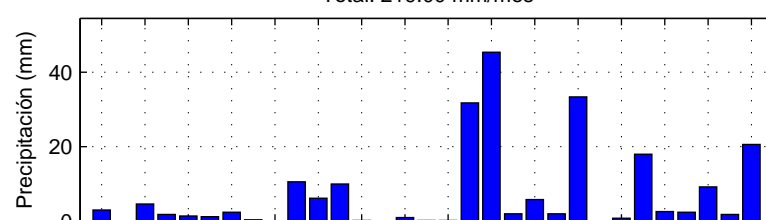
Máxima: 1242.00 Media: 247.37



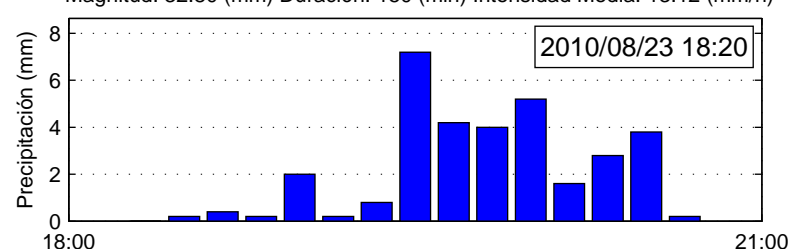
Máxima: 91.00 Media: 80.86 Mínima: 52.00



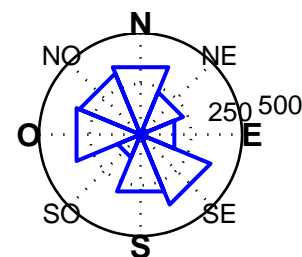
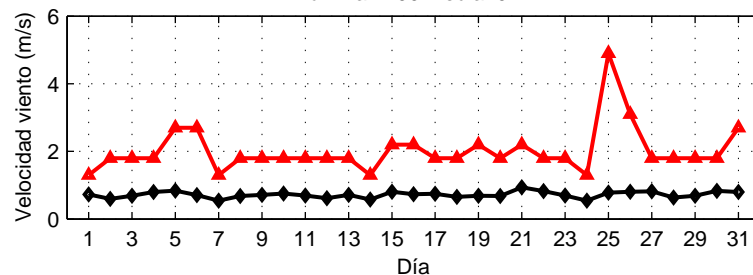
Total: 219.00 mm/mes



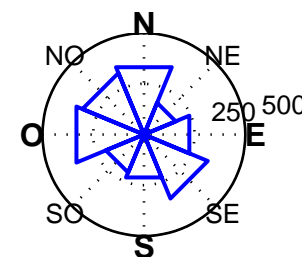
Magnitud: 32.80 (mm) Duración: 150 (min) Intensidad Media: 13.12 (mm/h)



Máxima: 4.90 Media: 0.72



Dirección del viento (Día)



Dirección del viento (Noche)



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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	24.10	19.13	16.80	1.30	0.72	739.89	83.26	3.00	0.00	1065.00	255.85
2	25.60	20.48	17.30	1.80	0.59	712.30	78.31	0.00	0.00	946.00	258.56
3	22.90	19.47	17.80	1.80	0.69	707.61	83.12	4.60	0.00	635.00	161.48
4	25.30	20.33	16.20	1.80	0.80	703.89	81.25	1.80	0.00	1059.00	390.08
5	25.60	21.01	16.70	2.70	0.84	681.84	76.81	1.40	0.00	1019.00	380.81
6	24.70	20.63	18.40	2.70	0.71	675.81	82.84	1.20	0.00	1035.00	253.01
7	23.10	19.82	17.40	1.30	0.54	688.65	84.69	2.40	0.00	715.00	174.85
8	24.40	19.97	16.90	1.80	0.68	703.58	82.32	0.40	0.00	981.00	294.44
9	25.90	20.90	17.80	1.80	0.71	675.00	79.40	0.00	0.00	1103.00	295.22
10	25.60	20.61	16.80	1.80	0.75	698.15	76.14	10.60	0.00	795.00	317.95
11	24.60	20.57	17.50	1.80	0.69	692.91	79.88	6.20	0.00	940.00	262.69
12	22.70	19.23	17.30	1.80	0.62	714.53	84.63	10.00	0.00	609.00	162.70
13	24.80	20.04	16.90	1.80	0.71	699.29	82.01	0.20	0.00	1028.00	279.85
14	24.10	20.22	17.20	1.30	0.57	686.01	80.47	0.00	0.00	699.00	224.21
15	22.90	19.56	17.40	2.20	0.80	694.04	80.54	1.00	0.00	739.00	196.72
16	22.20	19.09	15.80	2.20	0.73	710.04	81.53	0.20	0.00	1113.00	247.62
17	24.80	20.35	16.60	1.80	0.75	690.46	76.47	0.20	0.00	1158.00	318.26
18	24.10	19.75	15.90	1.80	0.66	682.99	80.90	31.80	0.00	833.00	262.00
19	22.40	18.67	17.10	2.20	0.69	699.49	85.10	45.40	0.00	500.00	168.30
20	24.30	19.28	16.10	1.80	0.68	706.64	81.99	2.00	0.00	957.00	239.83
21	24.70	20.01	17.00	2.20	0.93	700.85	79.55	5.80	0.00	1095.00	253.33
22	25.00	20.08	16.70	1.80	0.82	692.28	76.83	2.00	0.00	1242.00	269.07
23	24.30	20.40	17.20	1.80	0.69	698.81	79.11	33.40	0.00	811.00	244.47
24	25.30	20.23	17.40	1.30	0.54	664.56	80.44	0.00	0.00	883.00	248.59
25	24.70	20.12	17.10	4.90	0.78	671.67	80.26	0.80	0.00	1082.00	227.90
26	22.70	19.45	17.30	3.10	0.80	660.79	84.24	18.00	0.00	522.00	162.03
27	23.80	19.91	16.70	1.80	0.82	694.16	80.04	2.60	0.00	1040.00	299.82
28	23.90	19.77	16.70	1.80	0.64	671.22	81.53	2.40	0.00	993.00	228.84
29	24.20	19.69	17.80	1.80	0.69	676.09	80.76	9.20	0.00	402.00	180.07
30	25.60	20.45	16.60	1.80	0.83	694.66	76.91	1.80	0.00	1113.00	318.11
31	20.90	18.63	17.00	2.70	0.80	681.67	85.41	20.60	0.00	294.00	91.89
TOTAL								219.00	0.00		
PROM	24.17	19.93	17.01	2.02	0.72	692.58	80.86			884.06	247.37

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Agosto de 2010
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	0	2	0	2	1	0	3	3.00	0.67	2.78	30.00	2.60	3.90	8.40
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	2	1	0	0	2	1	3	4.60	2.17	9.03	90.00	3.40	2.04	3.60
4	0	0	1	3	4	0	0	0	4	1.80	1.33	5.56	80.00	1.00	0.67	1.20
5	0	0	1	0	0	0	1	0	1	1.40	0.67	2.78	60.00	1.40	1.20	4.80
6	0	0	1	1	0	2	0	0	2	1.20	0.50	2.08	30.00	1.00	1.50	3.60
7	0	0	1	6	0	2	1	4	7	2.40	1.83	7.64	60.00	1.20	1.03	2.40
8	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
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	1	0	0	2	0	0	2	1	3	10.60	0.83	3.47	40.00	10.20	12.24	51.60
11	0	1	2	1	0	0	3	1	4	6.20	2.00	8.33	60.00	3.80	3.26	14.40
12	0	1	2	4	0	1	3	3	7	10.00	3.50	14.58	110.00	3.80	1.90	7.20
13	0	0	1	0	1	0	0	0	1	0.20	0.17	0.69	10.00	0.20	0.60	1.20
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	1	1	0	0	2	0	2	1.00	0.67	2.78	40.00	0.80	0.96	2.40
16	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	2	2	2	2	0	1	5	31.80	2.50	10.42	80.00	29.20	19.47	57.60
19	2	0	2	1	2	0	2	1	5	45.40	3.83	15.97	80.00	24.20	16.13	43.20
20	0	1	0	1	0	1	1	0	2	2.00	0.50	2.08	30.00	1.80	2.70	6.00
21	0	1	0	0	0	0	1	0	1	5.80	1.33	5.56	100.00	5.80	3.16	8.40
22	0	1	0	1	0	0	2	0	2	2.00	0.67	2.78	30.00	1.40	2.10	7.20
23	1	0	1	0	0	0	1	1	2	33.40	2.50	10.42	150.00	32.80	12.30	43.20
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	1	0	1	0	0	0	1	0.80	0.33	1.39	30.00	0.80	1.20	3.60
26	1	0	3	2	0	1	2	3	6	18.00	2.33	9.72	50.00	14.40	14.40	42.00
27	0	0	2	0	0	0	1	1	2	2.60	1.83	7.64	110.00	2.00	1.00	2.40
28	0	1	1	1	1	0	2	0	3	2.40	0.83	3.47	30.00	1.60	2.40	7.20
29	1	1	1	0	0	2	1	0	3	9.20	1.17	4.86	30.00	4.80	7.20	15.60
30	0	1	0	0	0	0	1	0	1	1.80	0.17	0.69	20.00	1.80	3.60	10.80
31	1	0	4	1	0	0	4	2	6	20.60	4.67	19.44	60.00	12.40	10.63	40.80
MAX	2	1	4	6	4	2	4	4	7	45.40	4.67	19.44	150.00	32.80	19.47	57.60
TOTAL	8	9	29	34	11	14	36	19	80	219.00	37.67	5.06				

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