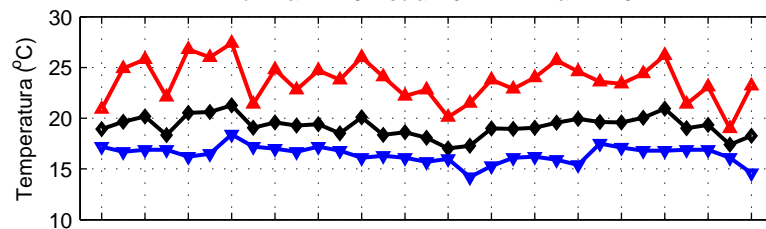


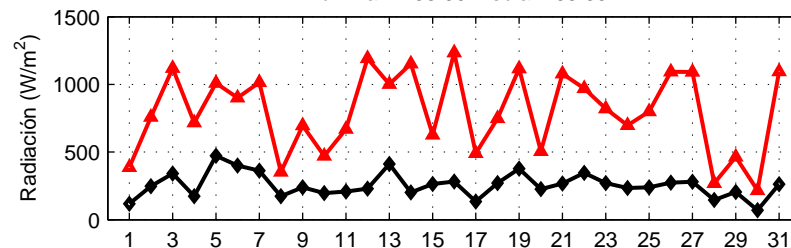
Estación: Mundo Nuevo
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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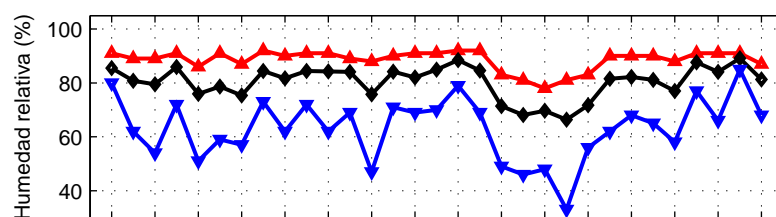
Máxima: 27.40 Media: 19.21 Mínima: 14.20



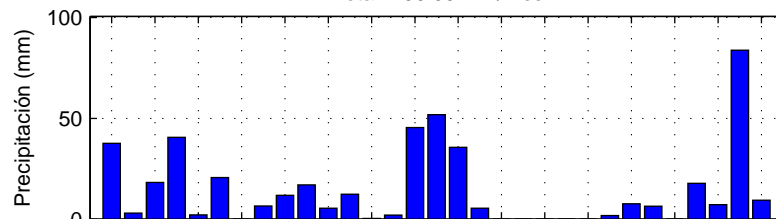
Máxima: 1235.00 Media: 255.35



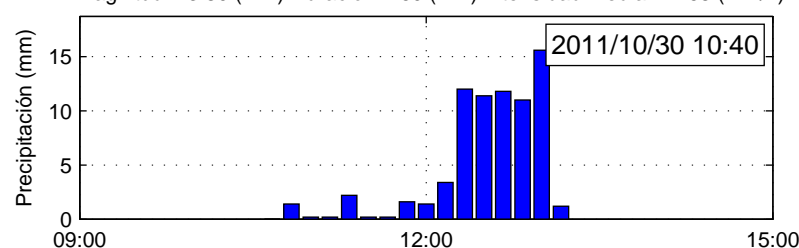
Máxima: 92.00 Media: 80.38 Mínima: 33.00



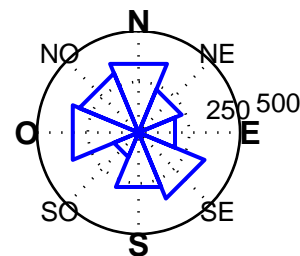
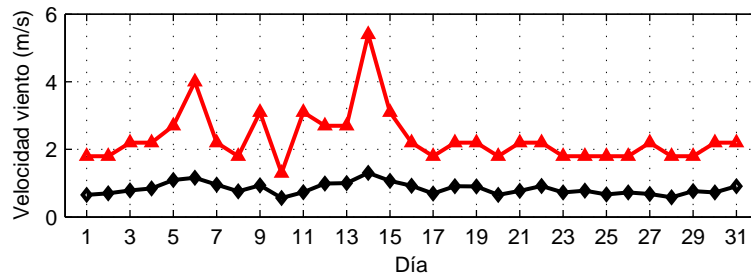
Total: 450.00 mm/mes



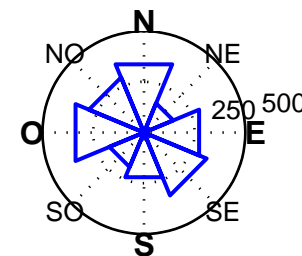
Magnitud: 73.80 (mm) Duración: 160 (min) Intensidad Media: 27.68 (mm/h)



Máxima: 5.40 Media: 0.83



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	20.90	18.93	17.20	1.80	0.65	668.23	85.51	37.60	0.00	387.00	117.41
2	24.90	19.64	16.70	1.80	0.70	675.39	80.83	3.00	0.00	758.00	247.01
3	25.80	20.18	16.90	2.20	0.79	667.95	79.49	18.20	0.00	1119.00	340.21
4	22.10	18.33	16.90	2.20	0.84	667.74	85.87	40.60	0.00	717.00	172.71
5	26.80	20.52	16.20	2.70	1.10	687.18	75.97	2.20	0.00	1009.00	472.76
6	26.00	20.61	16.50	4.00	1.16	668.50	78.63	20.60	0.00	901.00	400.33
7	27.40	21.27	18.40	2.20	0.95	668.79	75.39	0.00	0.00	1014.00	362.99
8	21.40	19.06	17.20	1.80	0.76	668.35	84.43	6.60	0.00	353.00	173.66
9	24.80	19.59	17.00	3.10	0.93	670.19	81.66	11.80	0.00	695.00	239.42
10	22.80	19.27	16.70	1.30	0.56	668.43	84.43	17.00	0.00	470.00	196.63
11	24.70	19.40	17.20	3.10	0.73	667.82	84.28	5.40	0.00	670.00	207.10
12	23.80	18.51	16.80	2.70	0.99	667.88	84.10	12.40	0.00	1192.00	228.63
13	26.00	20.08	16.10	2.70	1.00	653.83	75.78	0.40	0.00	1001.00	410.79
14	24.10	18.35	16.30	5.40	1.30	667.85	84.15	2.00	0.00	1152.00	201.46
15	22.20	18.63	16.10	3.10	1.07	676.31	81.99	45.40	0.00	627.00	263.94
16	22.80	18.08	15.70	2.20	0.92	668.43	84.94	51.80	0.00	1235.00	281.56
17	20.10	17.03	16.00	1.80	0.70	667.22	88.49	35.60	0.00	491.00	133.10
18	21.50	17.28	14.20	2.20	0.91	687.80	84.61	5.40	0.00	748.00	270.81
19	23.80	19.00	15.30	2.20	0.91	677.19	71.36	0.00	0.00	1116.00	377.63
20	22.90	18.95	16.10	1.80	0.66	667.19	68.13	0.00	0.00	505.00	226.27
21	24.00	19.06	16.20	2.20	0.77	667.17	69.64	0.00	0.00	1078.00	267.49
22	25.70	19.55	15.90	2.20	0.91	667.15	66.32	0.00	0.00	970.00	345.61
23	24.60	19.94	15.40	1.80	0.72	669.78	71.69	0.00	0.00	821.00	269.96
24	23.60	19.63	17.50	1.80	0.78	668.22	81.56	1.80	0.00	698.00	234.15
25	23.40	19.59	17.10	1.80	0.67	667.77	82.22	7.60	0.00	799.00	238.84
26	24.40	20.04	16.80	1.80	0.73	667.92	81.08	6.40	0.00	1093.00	273.17
27	26.20	20.94	16.80	2.20	0.68	668.36	77.01	0.00	0.00	1092.00	280.76
28	21.40	19.01	16.90	1.80	0.58	668.46	87.65	17.80	0.00	268.00	144.77
29	23.10	19.33	16.90	1.80	0.76	667.39	84.06	7.20	0.00	464.00	204.90
30	19.00	17.39	16.10	2.20	0.73	675.57	89.15	83.80	0.00	216.00	69.61
31	23.20	18.27	14.60	2.20	0.91	669.90	81.30	9.40	0.00	1095.00	262.14
TOTAL								450.00	0.00		
PROM	23.66	19.21	16.44	2.33	0.83	670.00	80.38			798.52	255.35

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Octubre de 2011
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	1	1	1	2	1	1	3	0	5	37.60	4.00	16.67	110.00	31.20	15.60	52.80
2	0	0	1	4	0	1	0	4	5	3.00	1.83	7.64	60.00	1.00	0.86	2.40
3	1	0	1	1	0	0	0	3	3	18.20	2.83	11.81	120.00	16.60	7.66	16.80
4	1	1	2	4	3	3	2	0	8	40.60	5.83	24.31	130.00	26.80	11.49	28.80
5	0	0	2	1	0	0	0	2	3	2.20	0.83	3.47	50.00	1.60	1.60	3.60
6	1	0	0	2	3	0	0	0	3	20.60	2.17	9.03	120.00	20.20	9.32	37.20
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	0	1	1	3	5	0	0	0	5	6.60	2.00	8.33	40.00	4.00	4.80	12.00
9	1	1	0	1	0	0	1	2	3	11.80	1.50	6.25	50.00	7.60	7.60	37.20
10	0	1	1	1	2	0	1	0	3	17.00	4.33	18.06	260.00	16.20	3.60	21.60
11	0	0	3	4	1	1	3	2	7	5.40	3.33	13.89	90.00	2.00	1.20	3.60
12	0	1	4	2	2	0	2	3	7	12.40	5.50	22.92	90.00	4.00	2.40	10.80
13	0	0	0	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
14	0	0	1	1	0	0	1	0	2	2.00	1.17	4.86	80.00	1.80	1.20	2.40
15	1	1	1	1	0	0	2	1	4	45.40	5.50	22.92	280.00	42.60	8.81	27.60
16	1	1	0	2	1	0	2	1	4	51.80	6.50	27.08	110.00	36.60	18.30	50.40
17	0	3	0	1	1	0	2	1	4	35.60	8.00	33.33	240.00	22.40	5.38	22.80
18	0	0	1	3	3	1	0	0	4	5.40	3.50	14.58	170.00	4.20	1.40	4.80
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	0	0	2	3	1	1	3	0	5	1.80	1.00	4.17	30.00	0.60	0.90	2.40
25	0	1	1	0	0	0	0	2	2	7.60	1.67	6.94	80.00	6.00	4.00	12.00
26	0	1	1	3	5	0	0	0	5	6.40	2.00	8.33	100.00	5.60	3.05	15.60
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	3	1	5	3	0	3	2	9	17.80	4.50	18.75	70.00	8.20	6.15	24.00
29	0	1	0	1	1	0	0	1	2	7.20	1.83	7.64	110.00	7.00	3.50	18.00
30	1	2	1	1	3	2	0	0	5	83.80	4.83	20.14	160.00	73.80	26.05	93.60
31	1	0	0	0	0	0	1	0	1	9.40	1.00	4.17	70.00	9.40	7.05	19.20
MAX	1	3	4	5	5	3	3	4	9	83.80	8.00	33.33	280.00	73.80	26.05	93.60
TOTAL	9	19	25	48	36	10	26	25	101	450.00	76.00	10.22				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
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