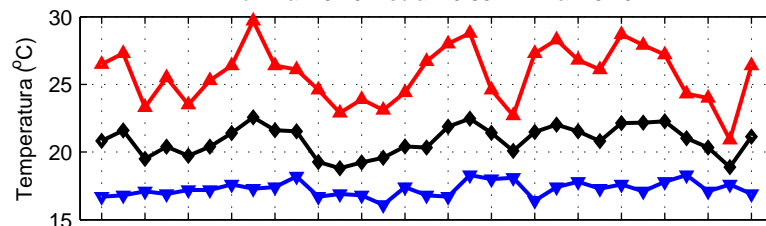


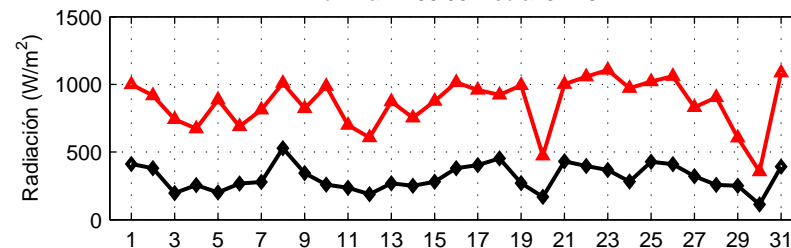
Estación: Mundo Nuevo
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Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>

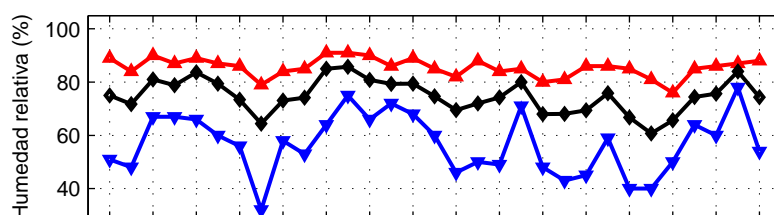
Máxima: 29.70 Media: 20.86 Mínima: 16.10



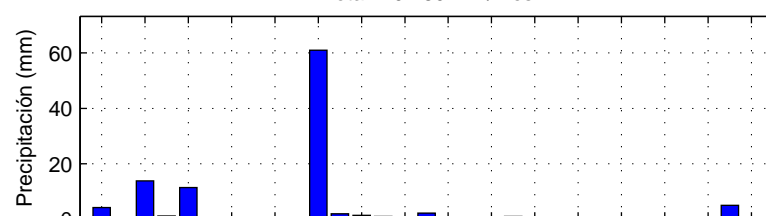
Máxima: 1106.00 Media: 311.81



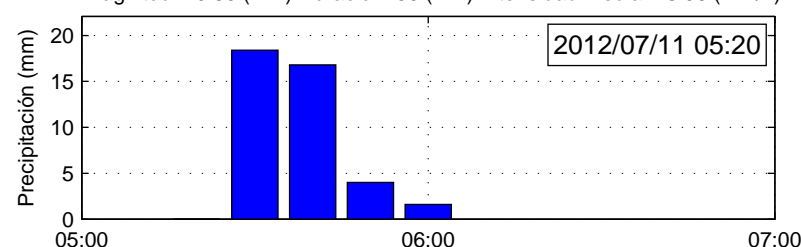
Máxima: 91.00 Media: 74.78 Mínima: 32.00



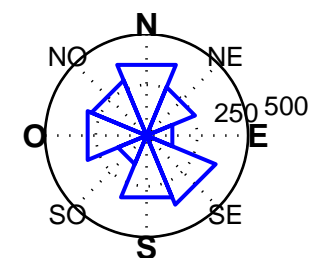
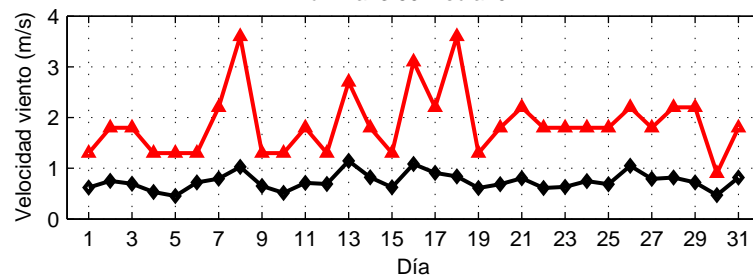
Total: 104.80 mm/mes



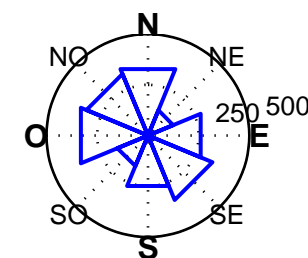
Magnitud: 40.80 (mm) Duración: 50 (min) Intensidad Media: 48.96 (mm/h)



Máxima: 3.60 Media: 0.74



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	26.50	20.83	16.70	1.30	0.62	667.98	74.98	4.20	3.34	999.00	411.76
2	27.30	21.59	16.80	1.80	0.75	668.94	71.78	0.00	3.44	917.00	380.30
3	23.30	19.49	17.10	1.80	0.70	668.70	81.03	13.80	1.88	741.00	196.65
4	25.50	20.40	16.90	1.30	0.53	667.96	78.81	1.20	2.35	673.00	256.21
5	23.50	19.72	17.20	1.30	0.45	668.32	83.67	11.40	1.72	886.00	200.58
6	25.30	20.40	17.20	1.30	0.72	668.26	79.38	0.00	2.25	690.00	266.33
7	26.40	21.41	17.60	2.20	0.79	668.65	73.42	0.00	2.81	813.00	278.97
8	29.70	22.56	17.30	3.60	1.03	669.10	64.40	0.00	4.91	1009.00	528.14
9	26.40	21.62	17.40	1.30	0.65	669.46	73.05	0.00	3.24	823.00	344.47
10	26.10	21.54	18.20	1.30	0.51	669.14	74.17	0.00	2.40	986.00	258.79
11	24.60	19.27	16.70	1.80	0.71	668.67	85.04	61.00	1.88	699.00	235.87
12	22.90	18.80	16.90	1.30	0.69	667.42	85.72	2.00	1.61	607.00	187.43
13	23.90	19.23	16.80	2.70	1.15	667.42	80.85	1.40	2.44	874.00	268.38
14	23.10	19.58	16.10	1.80	0.82	667.75	79.38	1.00	2.29	753.00	249.96
15	24.40	20.42	17.40	1.30	0.62	659.31	79.46	0.00	2.46	877.00	280.07
16	26.70	20.32	16.80	3.10	1.08	668.42	74.67	2.20	3.38	1014.00	379.81
17	28.00	21.87	16.70	2.20	0.91	668.44	69.46	0.00	3.75	959.00	402.92
18	28.80	22.47	18.30	3.60	0.84	669.58	71.97	0.00	4.10	922.00	452.92
19	24.60	21.41	18.00	1.30	0.61	669.39	74.21	0.00	2.43	993.00	270.83
20	22.70	20.09	18.10	1.80	0.69	668.69	80.01	1.00	1.69	473.00	168.01
21	27.30	21.49	16.40	2.20	0.81	668.45	68.01	0.00	3.86	1002.00	431.01
22	28.30	22.02	17.40	1.80	0.61	669.24	68.08	0.00	3.63	1057.00	396.11
23	26.80	21.52	17.80	1.80	0.63	669.20	69.40	0.40	3.31	1106.00	366.92
24	26.10	20.80	17.30	1.80	0.75	668.82	75.83	0.00	2.62	971.00	281.88
25	28.70	22.15	17.60	1.80	0.68	668.72	66.70	0.00	3.96	1021.00	428.38
26	27.90	22.17	17.10	2.20	1.05	669.21	60.74	0.00	4.02	1060.00	410.00
27	27.20	22.27	17.80	1.80	0.79	669.36	65.65	0.00	3.12	831.00	321.63
28	24.30	21.01	18.30	2.20	0.82	669.26	74.40	0.00	2.43	904.00	256.36
29	24.00	20.33	17.10	2.20	0.72	668.43	75.66	0.20	2.33	606.00	250.59
30	20.90	18.89	17.60	0.90	0.47	668.07	83.99	5.00	1.07	356.00	113.19
31	26.40	21.14	16.90	1.80	0.82	667.69	74.30	0.00	3.36	1087.00	391.67
TOTAL								104.80	88.08		
PROM	25.73	20.86	17.27	1.89	0.74	668.32	74.78			861.58	311.81

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Julio 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	2	1	2	1	0	0	3	4.20	2.00	8.33	120.00	3.40	1.57	3.60
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	1	0	0	2	0	1	2	0	3	13.80	1.50	6.25	40.00	12.60	15.12	58.80
4	0	0	1	0	0	0	0	1	1	1.20	0.83	3.47	60.00	1.20	1.03	2.40
5	0	1	1	1	2	1	0	0	3	11.40	2.17	9.03	80.00	9.60	6.40	16.80
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	1	1	0	2	1	1	1	1	4	61.00	3.67	15.28	50.00	40.80	40.80	110.40
12	0	0	0	3	0	2	1	0	3	2.00	1.67	6.94	110.00	1.40	0.70	1.20
13	0	0	1	2	0	2	0	0	3	1.40	1.00	4.17	50.00	1.00	1.00	2.40
14	0	0	0	4	0	0	3	1	4	1.00	0.83	3.47	40.00	0.40	0.48	1.20
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	1	0	0	0	0	1	0	1	2.20	0.33	1.39	30.00	2.20	3.30	12.00
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	1	0	1	1.00	0.50	2.08	40.00	1.00	1.20	3.60
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	1	0	0	0	1	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
30	0	0	3	3	0	3	3	0	6	5.00	2.67	11.11	70.00	2.20	1.65	4.80
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	1	3	4	2	3	3	1	6	61.00	3.67	15.28	120.00	40.80	40.80	110.40
TOTAL	2	3	9	20	5	11	13	4	34	104.80	17.67	2.37				

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