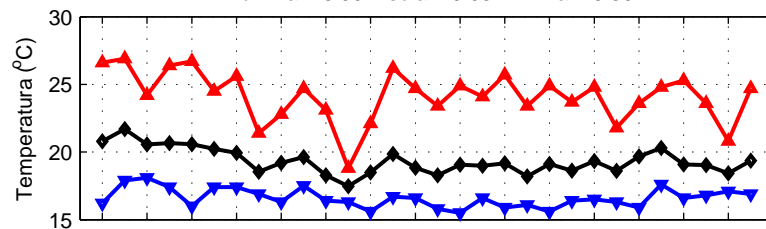


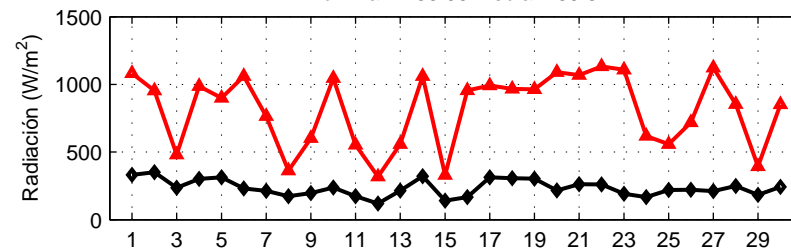
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: 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

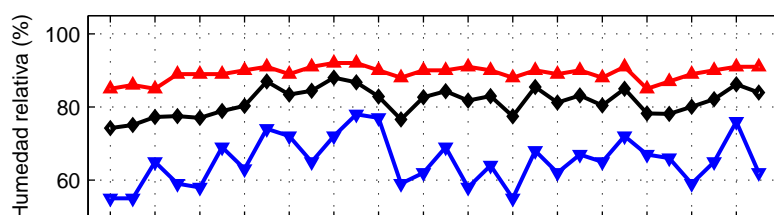
Máxima: 26.90 Media: 19.33 Mínima: 15.50



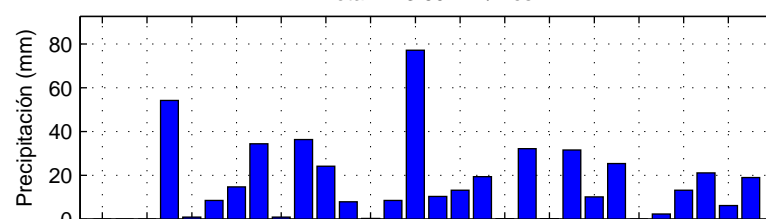
Máxima: 1133.00 Media: 235.31



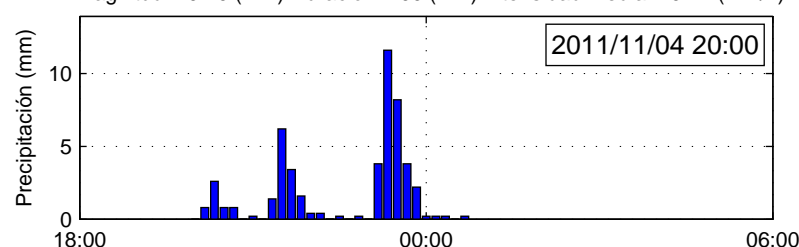
Máxima: 92.00 Media: 81.40 Mínima: 55.00



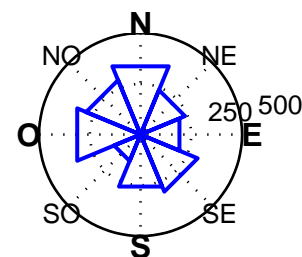
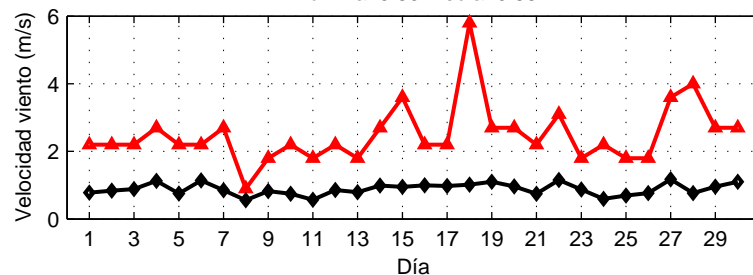
Total: 473.60 mm/mes



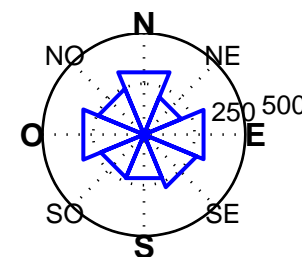
Magnitud: 49.40 (mm) Duración: 290 (min) Intensidad Media: 10.22 (mm/h)



Máxima: 5.80 Media: 0.88



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	26.60	20.80	16.20	2.20	0.78	690.04	74.20	0.00	0.00	1082.00	330.39
2	26.90	21.70	17.90	2.20	0.84	669.05	75.06	0.00	0.00	953.00	350.31
3	24.20	20.57	18.10	2.20	0.88	668.97	77.24	0.00	0.00	481.00	235.11
4	26.40	20.65	17.40	2.70	1.13	668.48	77.49	54.20	0.00	986.00	301.61
5	26.70	20.58	16.00	2.20	0.76	668.29	76.99	1.00	0.00	900.00	312.73
6	24.50	20.23	17.40	2.20	1.14	668.61	78.89	8.60	0.00	1060.00	230.57
7	25.60	19.93	17.40	2.70	0.85	668.16	80.31	14.80	0.00	765.00	212.10
8	21.40	18.55	16.90	0.90	0.55	667.77	86.95	34.40	0.00	362.00	174.03
9	22.80	19.20	16.30	1.80	0.82	671.87	83.36	1.00	0.00	602.00	196.25
10	24.70	19.63	17.50	2.20	0.75	668.05	84.40	36.40	0.00	1045.00	238.07
11	23.10	18.29	16.40	1.80	0.57	667.54	88.03	24.20	0.00	553.00	172.71
12	18.80	17.48	16.30	2.20	0.86	672.81	86.73	8.00	0.00	318.00	118.66
13	22.10	18.50	15.60	1.80	0.79	659.03	82.87	0.40	0.00	558.00	215.00
14	26.20	19.85	16.70	2.70	0.99	680.70	76.57	8.60	0.00	1061.00	320.74
15	24.70	18.84	16.60	3.60	0.95	668.81	82.67	77.20	0.00	329.00	140.90
16	23.40	18.27	15.80	2.20	1.00	668.90	84.28	10.40	0.00	956.00	166.61
17	24.90	19.06	15.50	2.20	0.98	677.20	81.73	13.20	0.00	991.00	312.76
18	24.10	18.98	16.60	5.80	1.01	667.52	82.99	19.40	0.00	967.00	306.04
19	25.70	19.17	15.90	2.70	1.10	668.62	77.45	0.20	0.00	963.00	303.67
20	23.40	18.20	16.10	2.70	0.97	674.66	85.44	32.20	0.00	1090.00	216.45
21	24.90	19.12	15.60	2.20	0.74	670.91	81.21	0.20	0.00	1069.00	262.27
22	23.70	18.62	16.40	3.10	1.15	671.90	83.15	31.60	0.00	1133.00	260.16
23	24.80	19.33	16.50	1.80	0.87	665.07	80.40	10.20	0.00	1108.00	191.86
24	21.80	18.61	16.30	2.20	0.59	667.56	84.96	25.40	0.00	619.00	167.23
25	23.60	19.67	15.90	1.80	0.70	675.01	78.20	0.00	0.00	557.00	218.52
26	24.80	20.30	17.60	1.80	0.76	668.27	78.11	2.40	0.00	718.00	221.13
27	25.30	19.08	16.60	3.60	1.17	667.89	80.06	13.20	0.00	1123.00	211.15
28	23.60	19.04	16.80	4.00	0.76	671.31	82.13	21.20	0.00	853.00	248.29
29	20.80	18.43	17.10	2.70	0.95	668.31	86.16	6.20	0.00	393.00	182.45
30	24.70	19.36	16.90	2.70	1.10	674.61	83.93	19.00	0.00	852.00	241.53
TOTAL								473.60	0.00		
PROM	24.14	19.33	16.61	2.50	0.88	670.53	81.40			814.90	235.31

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Noviembre de 2011
Registros: 30 de 30

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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1	1	0	0	0	0	1	1	2	54.20	3.83	15.97	240.00	48.60	11.66	69.60
5	0	0	0	2	2	0	0	0	2	1.00	0.83	3.47	50.00	0.80	0.80	1.20
6	0	1	0	1	1	1	0	0	2	8.60	1.17	4.86	80.00	8.40	5.60	24.00
7	0	2	0	1	0	0	1	2	3	14.80	3.17	13.19	160.00	11.20	3.95	15.60
8	0	3	0	2	3	0	2	0	5	34.40	6.83	28.47	200.00	18.60	5.31	16.80
9	0	0	0	5	3	0	2	0	5	1.00	0.83	3.47	20.00	0.20	0.40	1.20
10	1	1	1	3	2	1	1	1	6	36.40	6.00	25.00	210.00	26.80	7.31	39.60
11	0	1	2	3	0	2	1	3	6	24.20	5.67	23.61	210.00	20.20	5.51	24.00
12	0	0	2	4	3	2	0	1	6	8.00	4.33	18.06	180.00	6.00	1.89	3.60
13	0	0	1	1	2	0	0	0	2	0.40	0.33	1.39	10.00	0.20	0.60	1.20
14	0	2	1	1	0	0	1	3	4	8.60	2.83	11.81	60.00	3.20	2.74	7.20
15	3	0	1	2	1	0	3	2	6	77.20	5.50	22.92	60.00	33.00	28.29	74.40
16	0	2	1	4	1	0	2	4	7	10.40	2.83	11.81	80.00	5.80	3.87	8.40
17	1	0	0	2	1	0	0	2	3	13.20	1.50	6.25	80.00	12.80	8.53	33.60
18	1	1	0	4	2	0	1	3	6	19.40	2.00	8.33	40.00	16.00	19.20	80.40
19	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	1	2	3	3	0	2	1	6	32.20	6.67	27.78	190.00	23.80	7.14	31.20
21	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	1	1	2	0	2	1	1	0	4	31.60	4.00	16.67	120.00	20.80	9.60	38.40
23	0	1	0	0	0	0	1	0	1	10.20	1.33	5.56	90.00	10.20	6.12	31.20
24	0	1	0	2	1	1	1	0	3	25.40	3.67	15.28	240.00	25.00	6.00	52.80
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	1	0	1	0	0	2	0	2	2.40	0.33	1.39	20.00	2.20	4.40	13.20
27	1	0	1	1	1	0	2	0	3	13.20	3.00	12.50	60.00	7.80	6.69	31.20
28	1	0	2	1	1	1	1	1	4	21.20	3.33	13.89	140.00	18.60	7.44	31.20
29	0	1	1	6	2	4	2	0	8	6.20	2.33	9.72	60.00	4.20	3.60	9.60
30	0	1	2	1	1	0	1	2	4	19.00	3.67	15.28	140.00	15.80	6.32	25.20
MAX	3	3	2	6	3	4	3	4	8	77.20	6.83	28.47	240.00	48.60	28.29	80.40
TOTAL	10	21	19	52	33	13	28	27	102	473.60	76.33	10.60				

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