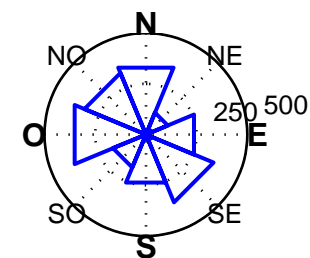
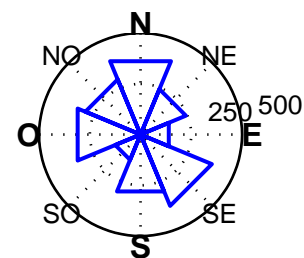
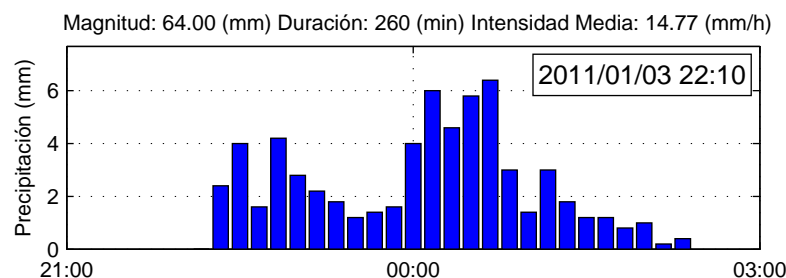
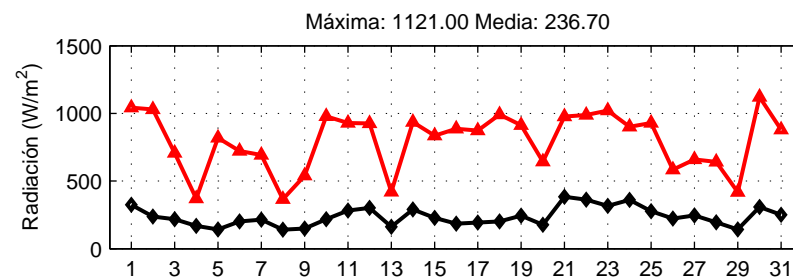
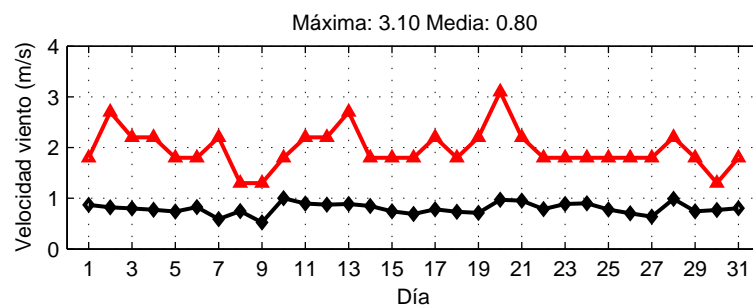
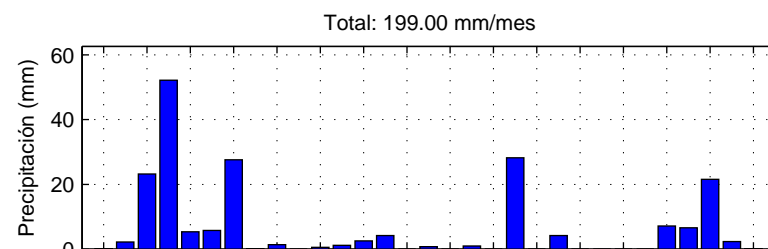
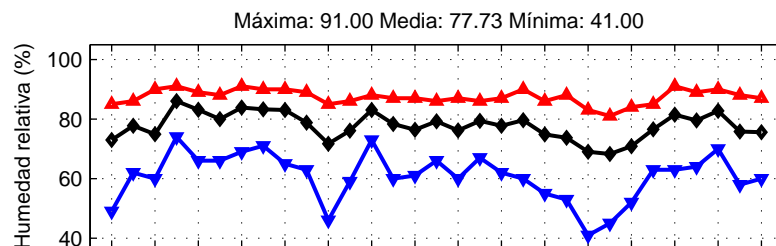
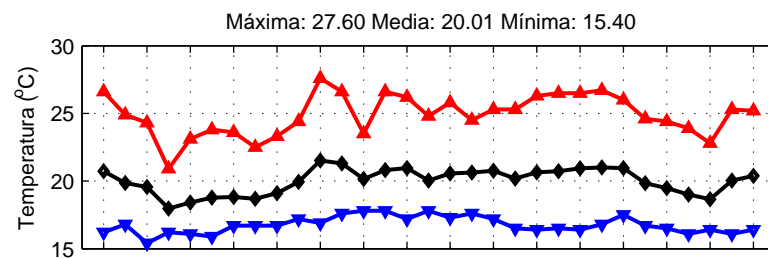


Estación: Mundo Nuevo
Fecha: Enero de 2011
Registros: 31 de 31

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>



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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	20.73	16.20	1.80	0.87	669.20	72.96	0.20	0.00	1043.00	324.43
2	24.90	19.85	16.80	2.70	0.82	677.27	77.73	2.20	0.00	1029.00	238.17
3	24.30	19.56	15.40	2.20	0.80	675.57	74.88	23.20	0.00	708.00	217.66
4	20.90	17.96	16.20	2.20	0.77	677.87	86.03	52.20	0.00	371.00	168.77
5	23.10	18.40	16.10	1.80	0.74	679.87	83.12	5.40	0.00	819.00	142.41
6	23.80	18.77	15.90	1.80	0.82	673.52	79.96	5.80	0.00	722.00	201.27
7	23.60	18.82	16.70	2.20	0.59	675.83	83.89	27.60	0.00	693.00	214.00
8	22.50	18.69	16.70	1.30	0.75	678.35	83.29	0.20	0.00	365.00	140.74
9	23.30	19.10	16.70	1.30	0.53	689.72	83.06	1.40	0.00	539.00	149.28
10	24.40	19.93	17.20	1.80	1.00	665.76	78.80	0.00	0.00	978.00	217.44
11	27.60	21.52	16.90	2.20	0.89	668.26	71.73	0.60	0.00	929.00	281.89
12	26.60	21.31	17.60	2.20	0.87	662.10	76.12	1.20	0.00	926.00	300.73
13	23.50	20.15	17.80	2.70	0.89	658.19	83.01	2.60	0.00	420.00	161.30
14	26.60	20.81	17.80	1.80	0.85	651.63	78.35	4.20	0.00	936.00	289.61
15	26.20	20.95	17.20	1.80	0.74	658.41	76.43	0.00	0.00	835.00	228.17
16	24.80	20.04	17.80	1.80	0.69	668.25	79.24	0.80	0.00	886.00	185.59
17	25.80	20.56	17.30	2.20	0.78	677.42	76.19	0.00	0.00	874.00	193.76
18	24.50	20.63	17.60	1.80	0.73	651.34	79.36	1.00	0.00	991.00	200.90
19	25.30	20.75	17.20	2.20	0.71	658.99	77.72	0.00	0.00	912.00	244.59
20	25.30	20.19	16.50	3.10	0.97	668.10	79.59	28.20	0.00	644.00	176.56
21	26.30	20.65	16.40	2.20	0.95	669.06	74.81	0.00	0.00	976.00	383.48
22	26.50	20.72	16.50	1.80	0.79	662.65	73.74	4.20	0.00	988.00	362.08
23	26.50	20.93	16.40	1.80	0.89	666.59	68.99	0.00	0.00	1021.00	316.25
24	26.70	21.00	16.80	1.80	0.90	660.01	68.23	0.00	0.00	901.00	360.92
25	26.00	20.96	17.50	1.80	0.78	660.41	70.90	0.00	0.00	929.00	276.07
26	24.60	19.84	16.70	1.80	0.70	642.69	76.53	0.00	0.00	584.00	222.48
27	24.40	19.48	16.50	1.80	0.64	671.05	81.47	7.20	0.00	659.00	245.47
28	23.90	19.01	16.10	2.20	0.99	664.01	79.51	6.60	0.00	641.00	194.34
29	22.80	18.66	16.40	1.80	0.74	676.34	82.74	21.60	0.00	418.00	141.46
30	25.30	20.03	16.10	1.30	0.77	671.87	75.81	2.40	0.00	1121.00	307.73
31	25.20	20.38	16.40	1.80	0.80	673.04	75.61	0.20	0.00	879.00	250.23
TOTAL								199.00	0.00		
PROM	24.90	20.01	16.75	1.97	0.80	667.85	77.73			797.97	236.70

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Enero 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	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
2	0	1	0	0	1	0	0	0	1	2.20	0.33	1.39	30.00	2.20	3.30	12.00
3	1	0	0	0	0	0	0	1	1	23.20	1.67	6.94	110.00	23.20	11.60	25.20
4	1	1	2	7	3	2	3	3	11	52.20	6.33	26.39	150.00	40.80	15.30	38.40
5	0	0	2	3	3	0	2	0	5	5.40	4.00	16.67	130.00	2.40	1.03	2.40
6	1	0	0	0	0	0	1	0	1	5.80	0.50	2.08	40.00	5.80	6.96	14.40
7	1	0	1	1	0	1	1	0	3	27.60	4.00	16.67	170.00	24.80	8.27	38.40
8	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
9	0	0	1	0	0	0	1	0	1	1.40	0.50	2.08	50.00	1.40	1.40	3.60
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	0	0	0	2	1	1	0	0	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
12	0	0	1	0	0	0	0	1	1	1.20	0.50	2.08	40.00	1.20	1.44	3.60
13	0	1	1	0	1	0	1	0	2	2.60	0.67	2.78	20.00	1.40	2.80	8.40
14	0	1	0	2	0	1	2	0	3	4.20	0.83	3.47	40.00	3.80	4.56	10.80
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	0	1	0	0	0	1	0	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
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	1	1	0	0	2	0	2	1.00	0.50	2.08	40.00	0.80	0.96	3.60
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	1	1	0	0	1	0	0	0	2	28.20	2.50	10.42	60.00	21.00	18.00	64.80
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	1	0	1	1	1	0	0	2	4.20	0.67	2.78	40.00	4.00	4.80	10.80
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	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	1	1	3	4	0	1	0	5	7.20	2.33	9.72	100.00	5.00	2.73	7.20
28	1	0	0	1	1	0	1	0	2	6.60	1.33	5.56	40.00	5.40	6.48	22.80
29	0	3	0	1	2	1	1	0	4	21.60	4.00	16.67	100.00	10.20	5.56	27.60
30	0	1	0	0	0	0	0	1	1	2.40	0.67	2.78	50.00	2.40	2.40	9.60
31	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
MAX	1	3	2	7	4	2	3	3	11	52.20	6.33	26.39	170.00	40.80	18.00	64.80
TOTAL	6	11	11	25	19	7	18	7	53	199.00	32.83	4.41				

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