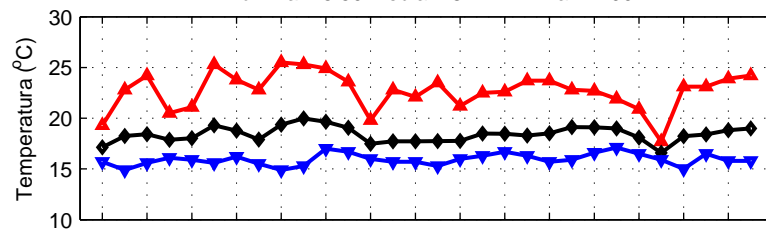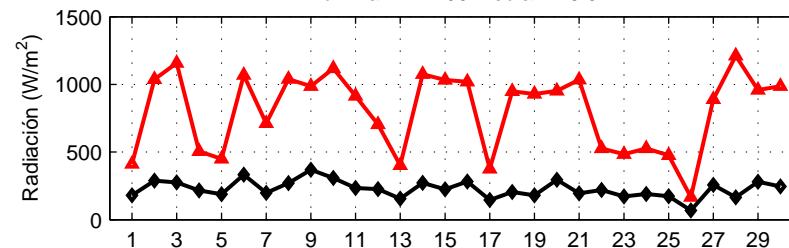**Estación: Mundo Nuevo**
Fecha: Noviembre de 2008
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: **http://www.utp.edu.co/hidroclimatologica**
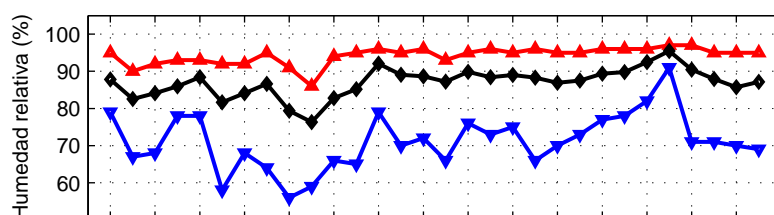
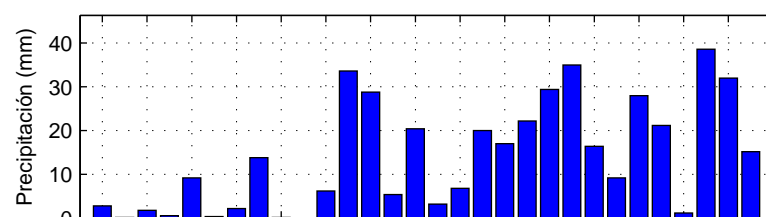RED HIDROCLIMATOLÓGICA

Máxima: 25.50 Media: 18.41 Mínima: 14.90

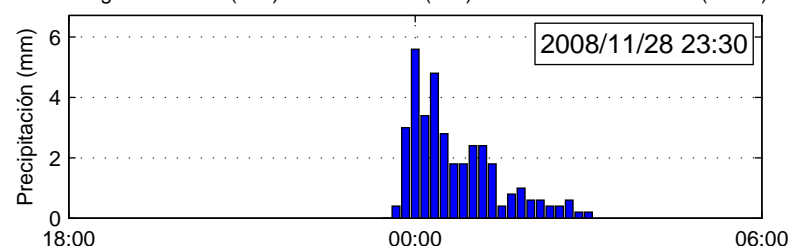Máxima: 1212.00 Media: 226.94

Máxima: 97.00 Media: 87.00 Mínima: 56.00

Total: 421.00 mm/mes

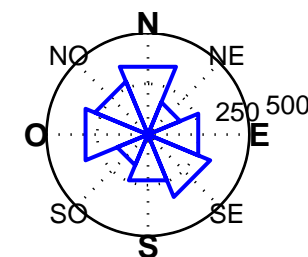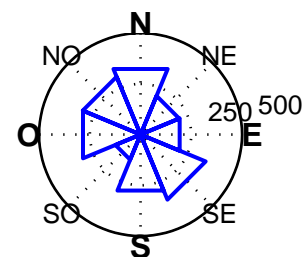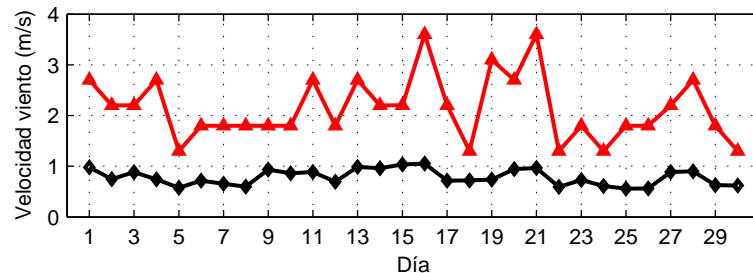Magnitud: 35.40 (mm) Duración: 220 (min) Intensidad Media: 9.65 (mm/h)

2008/11/28 23:30

Máxima: 3.60 Media: 0.78

Día

Dirección del viento (Día)

Dirección del viento (Noche)

Estación: Mundo Nuevo
Fecha: Noviembre de 2008
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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	19.30	17.12	15.70	2.70	0.98	759.49	87.82	2.80	0.00	411.00	180.22
2	22.80	18.26	14.90	2.20	0.74	759.37	82.54	0.20	0.00	1037.00	288.19
3	24.20	18.42	15.60	2.20	0.88	758.64	84.10	1.80	0.00	1157.00	274.90
4	20.50	17.88	16.10	2.70	0.74	758.73	85.97	0.60	0.00	505.00	216.41
5	21.10	18.03	15.90	1.30	0.58	758.93	88.38	9.20	0.00	450.00	188.40
6	25.30	19.31	15.60	1.80	0.72	758.37	81.66	0.40	0.00	1069.00	333.01
7	23.80	18.76	16.20	1.80	0.66	757.47	84.08	2.20	0.00	712.00	198.79
8	22.80	17.90	15.50	1.80	0.60	758.73	86.60	13.80	0.00	1039.00	270.11
9	25.50	19.37	14.90	1.80	0.93	757.40	79.36	0.20	0.00	986.00	368.37
10	25.30	19.98	15.30	1.80	0.86	756.52	76.31	0.00	0.00	1118.00	307.83
11	24.90	19.64	17.00	2.70	0.89	750.89	82.81	6.20	0.00	914.00	234.28
12	23.60	19.06	16.70	1.80	0.69	756.04	85.17	33.60	0.00	704.00	226.00
13	19.80	17.47	16.00	2.70	0.99	756.90	92.03	28.80	0.00	401.00	154.49
14	22.80	17.73	15.70	2.20	0.96	757.49	89.03	5.40	0.00	1075.00	271.92
15	22.10	17.71	15.70	2.20	1.04	757.72	88.67	20.40	0.00	1033.00	225.07
16	23.50	17.75	15.30	3.60	1.06	758.40	87.22	3.20	0.00	1019.00	281.76
17	21.20	17.78	16.00	2.20	0.71	758.48	89.86	6.80	0.00	376.00	144.80
18	22.50	18.49	16.30	1.30	0.72	757.63	88.43	20.00	0.00	949.00	204.80
19	22.60	18.47	16.70	3.10	0.74	756.84	88.99	17.00	0.00	929.00	179.90
20	23.70	18.30	16.30	2.70	0.95	757.38	88.31	22.20	0.00	952.00	294.34
21	23.70	18.51	15.70	3.60	0.97	757.70	86.92	29.40	0.00	1035.00	194.82
22	22.80	19.12	15.90	1.30	0.59	757.32	87.53	35.00	0.00	527.00	219.00
23	22.70	19.09	16.60	1.80	0.73	756.21	89.38	16.40	0.00	484.00	171.50
24	21.90	18.99	17.10	1.30	0.61	756.43	89.80	9.20	0.00	526.00	189.14
25	20.90	18.09	16.50	1.80	0.56	757.19	92.44	28.00	0.00	475.00	172.90
26	17.70	16.57	15.90	1.80	0.56	759.70	95.46	21.20	0.00	167.00	68.75
27	23.10	18.23	15.00	2.20	0.89	760.19	90.43	1.20	0.00	890.00	257.17
28	23.10	18.40	16.50	2.70	0.90	758.02	87.93	38.60	0.00	1212.00	164.76
29	23.90	18.82	15.80	1.80	0.63	757.96	85.69	32.00	0.00	959.00	280.41
30	24.20	19.00	15.80	1.30	0.62	757.88	87.15	15.20	0.00	986.00	246.24
TOTAL								421.00	0.00		
PROM	22.71	18.41	15.94	2.14	0.78	757.67	87.00			803.23	226.94

Cuadro 1: Resúmen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Noviembre de 2008
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	2	2	3	0	1	0	4	2.80	2.17	9.03	70.00	1.20	0.90	2.40
2	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
3	0	0	1	0	0	0	1	0	1	1.80	0.67	2.78	50.00	1.80	1.80	3.60
4	0	0	0	3	0	1	2	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
5	0	2	0	1	1	0	2	0	3	9.20	1.33	5.56	60.00	7.00	6.00	25.20
6	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
7	0	0	1	3	0	1	3	0	4	2.20	1.00	4.17	40.00	1.60	1.92	6.00
8	0	1	3	4	4	2	2	0	8	13.80	5.00	20.83	50.00	4.80	4.80	19.20
9	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	0	0	1	0	0	1	6.20	0.83	3.47	60.00	6.20	5.31	25.20
12	1	0	0	2	1	0	1	1	3	33.60	2.33	9.72	100.00	32.40	17.67	75.60
13	1	0	3	5	1	3	1	4	9	28.80	4.83	20.14	110.00	24.20	12.10	34.80
14	0	0	2	3	1	0	2	2	5	5.40	2.50	10.42	80.00	2.80	1.87	6.00
15	1	0	1	1	2	0	0	1	3	20.40	3.17	13.19	150.00	19.20	7.20	25.20
16	0	1	0	3	2	0	2	0	4	3.20	1.33	5.56	50.00	2.20	2.20	10.80
17	0	1	0	0	0	0	1	0	1	6.80	1.00	4.17	70.00	6.80	5.10	19.20
18	1	1	0	1	1	2	0	0	3	20.00	4.00	16.67	70.00	11.20	8.40	22.80
19	1	1	1	4	1	0	2	4	7	17.00	3.33	13.89	50.00	9.60	9.60	18.00
20	1	1	0	0	1	0	1	0	2	22.20	4.50	18.75	270.00	12.80	2.74	7.20
21	1	1	0	0	0	0	1	1	2	29.40	4.33	18.06	130.00	20.20	8.66	58.80
22	1	1	0	1	1	0	0	2	3	35.00	4.67	19.44	150.00	21.40	8.03	28.80
23	0	2	0	1	3	0	0	0	3	16.40	3.83	15.97	160.00	10.60	3.74	15.60
24	0	0	2	2	2	2	0	0	4	9.20	4.17	17.36	190.00	6.40	1.92	9.60
25	0	2	1	5	2	0	3	3	8	28.00	6.33	26.39	200.00	20.60	5.89	25.20
26	0	1	5	4	3	4	1	2	10	21.20	10.00	41.67	320.00	8.00	1.45	4.80
27	0	0	0	2	1	1	0	0	2	1.20	1.00	4.17	70.00	1.00	0.75	1.20
28	2	1	0	0	0	0	1	2	3	38.60	2.83	11.81	110.00	26.20	13.10	49.20
29	1	0	0	0	1	0	0	0	1	32.00	3.17	13.19	190.00	32.00	9.60	33.60
30	1	1	2	1	1	2	1	1	5	15.20	2.67	11.11	70.00	9.40	7.05	38.40
MAX	2	2	5	5	4	4	3	4	10	38.60	10.00	41.67	320.00	32.40	17.67	75.60
TOTAL	12	18	24	51	33	19	29	24	105	421.00	82.17	11.41				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	7.6 (mm/h) ≤ intensidad
M	Moderada	2.5 (mm/h) < intensidad ≤ 7.6 (mm/h)
L	Ligera	1.0 (mm/h) < intensidad ≤ 2.5 (mm/h)
LL	Llovizna	1.0 (mm/h) ≥ intensidad

CLL	Cantidad de Lluvias
PT	Precipitación total (mm)
DP	Duración precipitacion 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)

Md	Madrugada	00:00 - 05:59
Mñ	Mañana	06:00 - 11:59
T	Tarde	12:00 - 17:59
N	Noche	18:00 - 23:59

Cuadro 2: Convenciones y Unidades