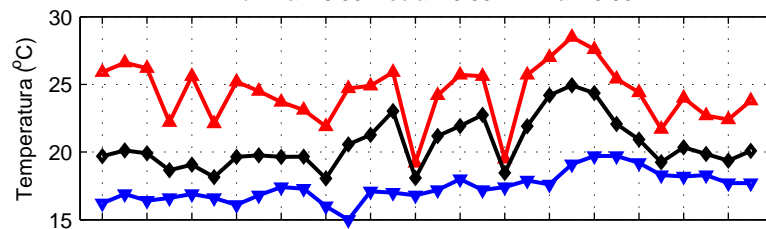


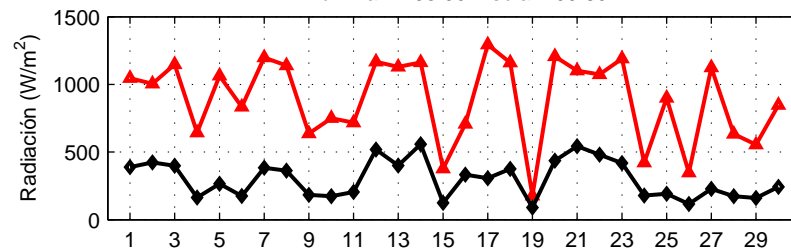
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>

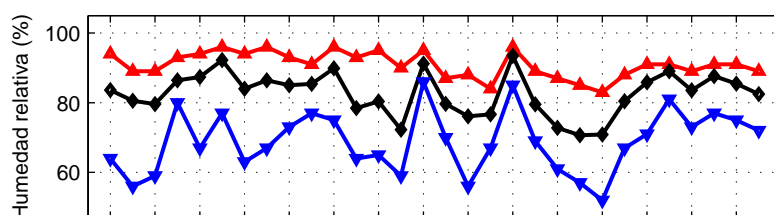
Máxima: 28.50 Media: 20.56 Mínima: 15.00



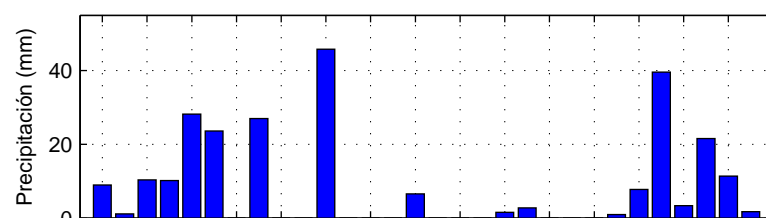
Máxima: 1293.00 Media: 299.80



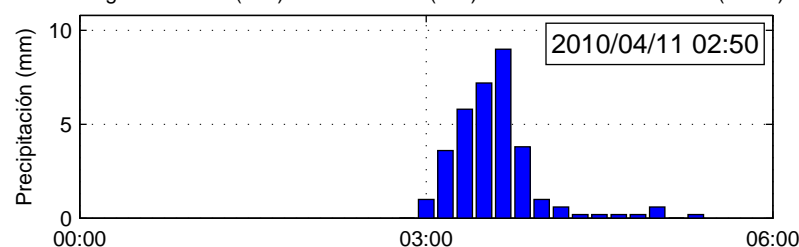
Máxima: 96.00 Media: 82.56 Mínima: 52.00



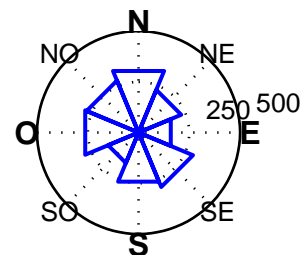
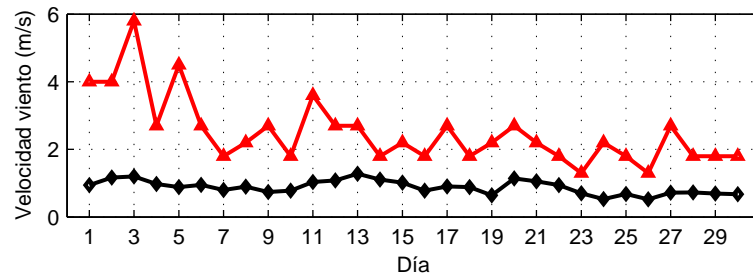
Total: 253.00 mm/mes



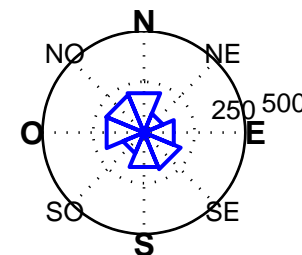
Magnitud: 33.60 (mm) Duración: 160 (min) Intensidad Media: 12.60 (mm/h)



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/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	25.90	19.69	16.20	4.00	0.94	717.27	83.59	9.00	0.00	1045.00	388.07
2	26.60	20.11	16.90	4.00	1.17	649.17	80.53	1.20	0.00	1005.00	422.64
3	26.20	19.90	16.40	5.80	1.20	603.02	79.63	10.40	0.00	1147.00	398.23
4	22.20	18.66	16.60	2.70	0.98	446.00	86.40	10.20	0.00	643.00	163.54
5	25.60	19.07	16.90	4.50	0.88	446.00	87.37	28.20	0.00	1064.00	266.09
6	22.10	18.15	16.60	2.70	0.95	674.56	92.19	23.60	0.00	834.00	174.30
7	25.20	19.64	16.10	1.80	0.80	745.20	84.00	0.00	0.00	1198.00	383.86
8	24.50	19.76	16.80	2.20	0.89	674.82	86.39	27.00	0.00	1139.00	362.55
9	23.70	19.65	17.40	2.70	0.74	549.58	85.03	0.00	0.00	637.00	182.75
10	23.10	19.66	17.30	1.80	0.78	553.80	85.40	0.00	0.00	750.00	172.99
11	21.90	18.05	16.00	3.60	1.04	553.80	89.88	45.80	0.00	717.00	203.86
12	24.70	20.56	15.00	2.70	1.08	563.48	78.48	0.00	0.00	1168.00	518.23
13	24.90	21.27	17.10	2.70	1.28	755.40	80.36	0.00	0.00	1129.00	399.61
14	25.90	23.03	17.00	1.80	1.11	809.28	72.30	0.00	0.00	1163.00	558.30
15	19.20	18.08	16.80	2.20	1.02	817.90	91.20	6.60	0.00	377.00	123.40
16	24.20	21.19	17.20	1.80	0.78	817.90	79.64	0.00	0.00	707.00	333.19
17	25.70	21.93	18.00	2.70	0.90	817.90	76.12	0.00	0.00	1293.00	306.00
18	25.60	22.74	17.20	1.80	0.88	758.49	76.67	0.00	0.00	1161.00	375.27
19	19.50	18.46	17.40	2.20	0.64	687.20	93.43	1.60	0.00	177.00	90.28
20	25.70	21.91	17.90	2.70	1.14	735.88	79.55	2.80	0.00	1206.00	436.84
21	27.00	24.19	17.60	2.20	1.05	779.67	72.75	0.00	0.00	1102.00	543.19
22	28.50	24.92	19.10	1.80	0.94	768.16	70.64	0.00	0.00	1074.00	480.69
23	27.60	24.36	19.70	1.30	0.70	691.75	70.86	0.00	0.00	1190.00	418.79
24	25.40	22.07	19.70	2.20	0.53	745.82	80.40	1.00	0.00	422.00	177.92
25	24.40	20.91	19.20	1.80	0.68	746.59	85.87	7.80	0.00	899.00	192.12
26	21.70	19.25	18.30	1.30	0.53	747.27	89.05	39.60	0.00	348.00	116.53
27	24.00	20.34	18.20	2.70	0.72	747.30	83.52	3.40	0.00	1124.00	227.21
28	22.70	19.86	18.30	1.80	0.73	747.85	87.66	21.60	0.00	633.00	174.01
29	22.40	19.36	17.70	1.80	0.69	748.13	85.49	11.40	0.00	555.00	160.48
30	23.80	20.08	17.70	1.80	0.67	747.99	82.45	1.80	0.00	847.00	243.11
TOTAL								253.00	0.00		
PROM	24.33	20.56	17.41	2.50	0.88	694.91	82.56			891.80	299.80

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Abril de 2010
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	2	0	2	2	0	2	0	4	9.00	1.67	6.94	40.00	5.00	6.00	16.80
2	0	0	1	0	0	0	0	1	1	1.20	0.67	2.78	50.00	1.20	1.20	2.40
3	1	0	0	2	1	0	1	1	3	10.40	1.17	4.86	60.00	10.00	8.57	26.40
4	0	1	1	1	0	1	2	0	3	10.20	1.67	6.94	70.00	8.60	6.45	19.20
5	1	0	0	0	0	0	1	0	1	28.20	1.17	4.86	80.00	28.20	18.80	80.40
6	0	2	0	4	3	0	1	2	6	23.60	6.33	26.39	210.00	15.00	4.09	28.80
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	0	0	1	0	0	0	1	27.00	3.83	15.97	260.00	27.00	6.00	45.60
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	3	1	3	1	0	5	45.80	4.50	18.75	160.00	33.60	11.86	54.00
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	0	2	3	0	3	2	0	5	6.60	3.17	13.19	130.00	4.80	2.06	4.80
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	4	0	2	3	0	5	1.60	1.33	5.56	30.00	0.60	0.90	1.20
20	0	1	0	1	0	0	2	0	2	2.80	0.83	3.47	50.00	2.60	2.60	6.00
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	1	0	0	0	0	1	0	1	1.00	0.17	0.69	20.00	1.00	2.00	6.00
25	0	0	5	4	0	4	1	4	9	7.80	4.00	16.67	70.00	2.20	1.65	2.40
26	0	3	0	4	4	3	0	0	7	39.60	10.83	45.14	240.00	16.20	3.89	8.40
27	0	1	0	2	0	0	3	0	3	3.40	1.50	6.25	60.00	2.60	2.23	4.80
28	1	2	2	2	2	1	1	3	7	21.60	4.50	18.75	80.00	10.20	6.80	36.00
29	0	1	2	3	4	1	1	0	6	11.40	3.83	15.97	160.00	9.00	3.18	8.40
30	0	0	2	1	0	0	3	0	3	1.80	1.00	4.17	40.00	1.00	1.20	3.60
MAX	1	3	5	4	4	4	3	4	9	45.80	10.83	45.14	260.00	33.60	18.80	80.40
TOTAL	4	16	16	36	18	18	25	11	72	253.00	52.17	7.25				

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