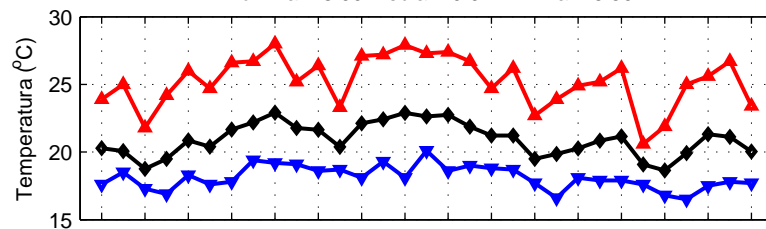


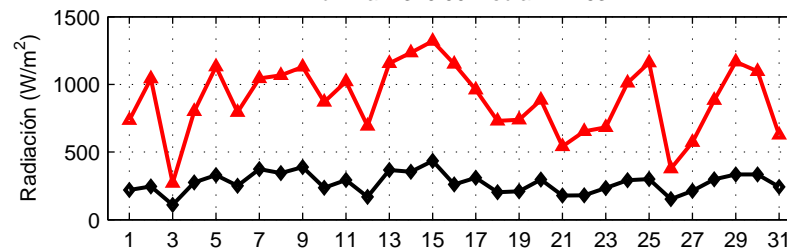
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: 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

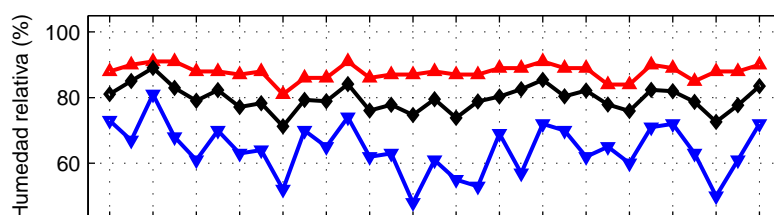
Máxima: 28.00 Media: 20.94 Mínima: 16.50



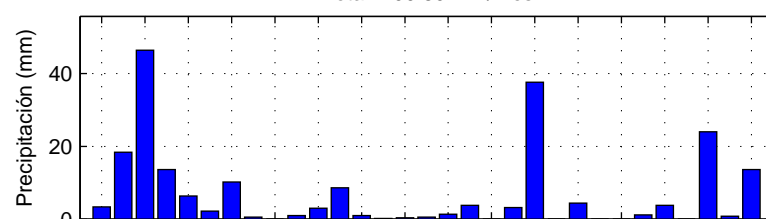
Máxima: 1320.00 Media: 271.63



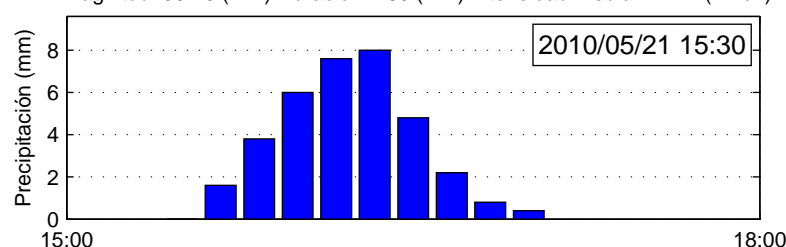
Máxima: 91.00 Media: 79.70 Mínima: 48.00



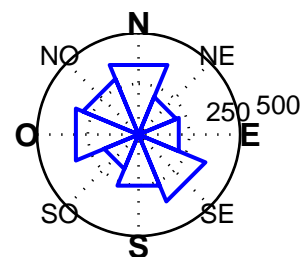
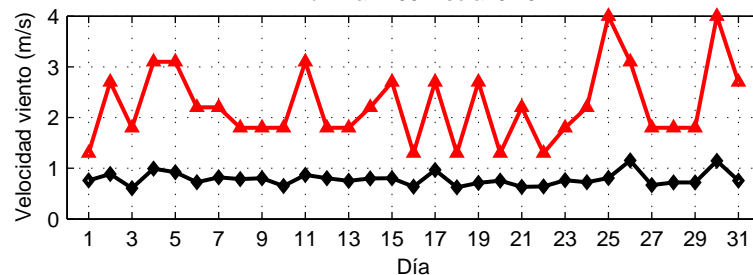
Total: 209.80 mm/mes



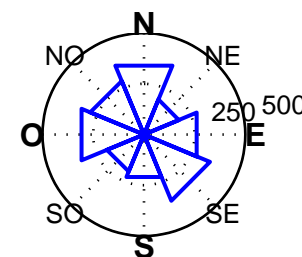
Magnitud: 35.20 (mm) Duración: 100 (min) Intensidad Media: 21.12 (mm/h)



Máxima: 4.00 Media: 0.79



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	23.90	20.29	17.60	1.30	0.76	748.65	81.10	3.40	0.00	735.00	219.75
2	25.00	20.07	18.50	2.70	0.89	744.90	85.03	18.40	0.00	1043.00	246.13
3	21.80	18.75	17.30	1.80	0.61	748.99	89.06	46.40	0.00	271.00	109.03
4	24.20	19.50	16.90	3.10	0.99	749.24	82.97	13.60	0.00	801.00	275.83
5	26.00	20.85	18.30	3.10	0.92	748.45	79.01	6.40	0.00	1131.00	328.91
6	24.70	20.39	17.60	2.20	0.73	744.76	82.32	2.20	0.00	794.00	250.15
7	26.60	21.66	17.80	2.20	0.82	747.70	77.12	10.20	0.00	1044.00	373.63
8	26.70	22.18	19.40	1.80	0.79	745.91	78.27	0.60	0.00	1067.00	343.39
9	28.00	22.91	19.20	1.80	0.81	744.87	71.26	0.00	0.00	1130.00	388.56
10	25.20	21.78	19.10	1.80	0.65	744.61	79.28	1.00	0.00	870.00	236.29
11	26.40	21.65	18.60	3.10	0.87	747.04	78.89	3.00	0.00	1021.00	292.53
12	23.30	20.38	18.70	1.80	0.80	746.86	84.10	8.60	0.00	692.00	169.09
13	27.10	22.12	18.10	1.80	0.75	749.10	76.09	1.00	0.00	1155.00	366.45
14	27.20	22.42	19.30	2.20	0.80	731.13	77.85	0.20	0.00	1235.00	353.77
15	27.90	22.90	18.10	2.70	0.80	728.41	74.69	0.40	0.00	1320.00	433.97
16	27.30	22.64	20.10	1.30	0.64	729.99	79.50	0.60	0.00	1151.00	260.11
17	27.40	22.74	18.60	2.70	0.97	730.66	73.83	1.40	0.00	960.00	309.36
18	26.70	21.88	19.00	1.30	0.62	741.62	78.84	3.80	0.00	730.00	202.30
19	24.70	21.22	18.80	2.70	0.71	736.14	80.31	0.00	0.00	739.00	209.45
20	26.20	21.22	18.70	1.30	0.75	729.04	82.59	3.20	0.00	885.00	296.34
21	22.70	19.50	17.70	2.20	0.63	740.31	85.40	37.60	0.00	541.00	177.51
22	23.90	19.86	16.60	1.30	0.64	745.02	80.39	0.00	0.00	653.00	179.85
23	24.90	20.27	18.10	1.80	0.77	746.61	82.13	4.40	0.00	683.00	233.86
24	25.20	20.84	17.90	2.20	0.72	740.82	77.92	0.00	0.00	1011.00	291.93
25	26.20	21.16	17.90	4.00	0.81	721.95	75.90	0.00	0.00	1161.00	299.28
26	20.60	19.09	17.60	3.10	1.15	744.76	82.36	1.20	0.00	377.00	152.51
27	21.90	18.64	16.80	1.80	0.67	736.42	81.94	3.80	0.00	573.00	212.75
28	25.00	19.93	16.50	1.80	0.72	742.73	78.68	0.00	0.00	883.00	297.99
29	25.60	21.31	17.50	1.80	0.72	735.69	72.63	24.00	0.00	1167.00	334.09
30	26.70	21.11	17.80	4.00	1.14	707.23	77.67	0.80	0.00	1097.00	333.92
31	23.40	20.03	17.70	2.70	0.75	745.59	83.53	13.60	0.00	626.00	241.86
TOTAL								209.80	0.00		
PROM	25.24	20.94	18.12	2.24	0.79	740.17	79.70			888.58	271.63

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Mayo de 2010
Registros: 31 de 31

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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	1	2	0	0	3	0	3	3.40	1.50	6.25	70.00	2.80	2.10	7.20
2	1	1	3	1	3	0	2	1	6	18.40	3.50	14.58	50.00	9.60	9.60	24.00
3	1	2	1	4	2	2	1	3	8	46.40	8.33	34.72	110.00	18.80	9.40	25.20
4	0	1	0	0	1	0	0	0	1	13.60	2.83	11.81	200.00	13.60	3.89	13.20
5	0	1	0	1	0	0	0	2	2	6.40	1.33	5.56	70.00	6.00	4.50	9.60
6	0	0	1	2	1	0	2	0	3	2.20	1.67	6.94	80.00	1.40	0.93	2.40
7	1	0	0	2	0	0	1	2	3	10.20	1.33	5.56	50.00	9.40	9.40	30.00
8	0	0	1	0	0	0	1	0	1	0.60	0.33	1.39	30.00	0.60	0.90	2.40
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	1	0	0	0	1	0	1	1.00	0.67	2.78	50.00	1.00	1.00	2.40
11	0	0	1	2	0	0	3	0	3	3.00	1.67	6.94	60.00	2.00	1.71	3.60
12	0	2	0	1	1	0	2	0	3	8.60	1.83	7.64	70.00	5.60	4.20	22.80
13	0	0	1	0	0	0	0	1	1	1.00	0.33	1.39	30.00	1.00	1.50	4.80
14	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
15	0	0	0	1	1	0	0	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
16	0	0	0	1	0	1	0	0	1	0.60	0.50	2.08	40.00	0.60	0.72	1.20
17	0	0	1	1	2	0	0	0	2	1.40	0.50	2.08	30.00	1.20	1.80	3.60
18	0	1	0	2	0	2	1	0	3	3.80	0.67	2.78	30.00	3.40	5.10	10.80
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	3	6	5	0	2	2	9	3.20	2.17	9.03	20.00	0.60	1.20	2.40
21	1	0	1	6	5	0	3	0	8	37.60	3.33	13.89	100.00	35.20	19.20	48.00
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	1	0	0	1	0	0	0	1	4.40	0.67	2.78	50.00	4.40	4.40	15.60
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	1	2	2	1	0	0	3	1.20	0.83	3.47	30.00	0.60	0.90	2.40
27	0	0	1	3	1	3	0	0	4	3.80	2.67	11.11	150.00	3.20	1.20	2.40
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	1	0	0	0	0	0	0	1	1	24.00	1.33	5.56	90.00	24.00	14.40	34.80
30	0	0	1	0	1	0	0	0	1	0.80	0.33	1.39	20.00	0.80	1.60	3.60
31	0	1	1	3	2	0	2	1	5	13.60	5.17	21.53	210.00	10.00	2.73	9.60
MAX	1	2	3	6	5	3	3	3	9	46.40	8.33	34.72	210.00	35.20	19.20	48.00
TOTAL	5	10	19	41	28	9	24	14	75	209.80	44.00	5.91				

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