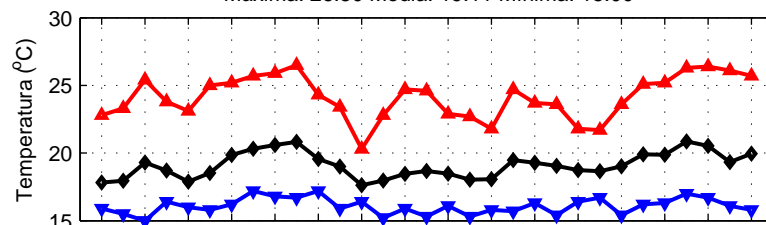


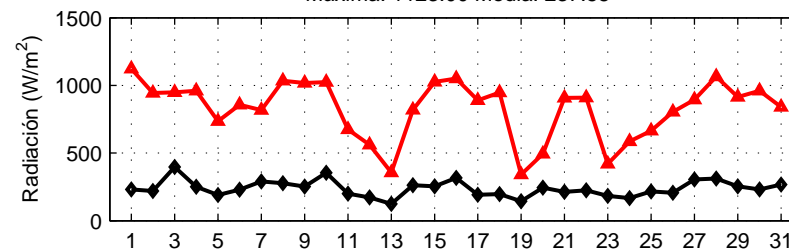
Estación: Mundo Nuevo
Fecha: Diciembre de 2012
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>

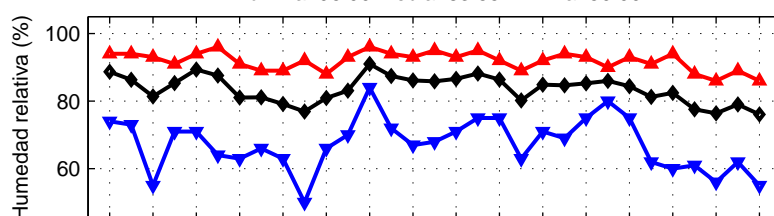
Máxima: 26.50 Media: 19.11 Mínima: 15.00



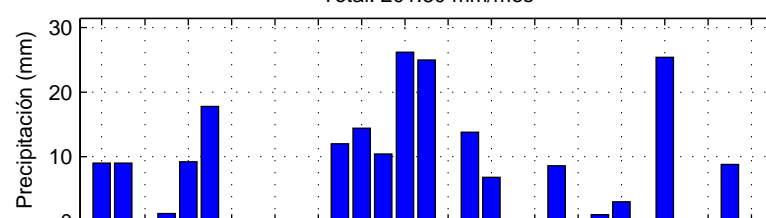
Máxima: 1123.00 Media: 237.58



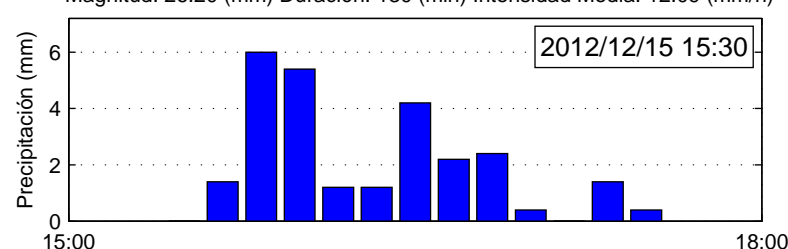
Máxima: 96.00 Media: 83.55 Mínima: 50.00



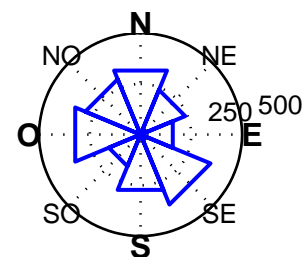
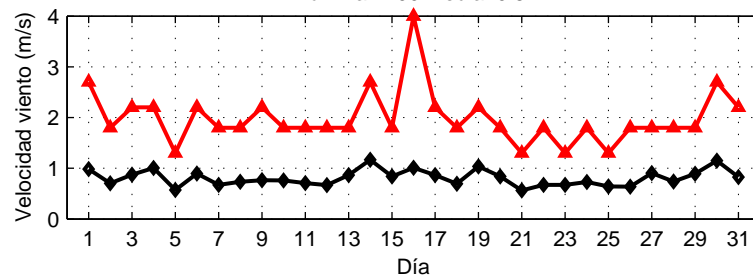
Total: 201.80 mm/mes



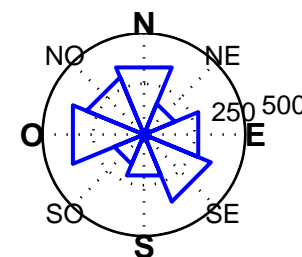
Magnitud: 26.20 (mm) Duración: 130 (min) Intensidad Media: 12.09 (mm/h)



Máxima: 4.00 Media: 0.81



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
Fecha: Diciembre de 2012
Registros: 31 de 31

Red Hidroclimatológica del Departamento de Risaralda
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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	22.80	17.82	15.90	2.70	0.99	687.05	88.70	9.00	1.76	1123.00	230.36
2	23.30	17.95	15.50	1.80	0.71	683.08	86.29	9.00	1.66	944.00	219.58
3	25.40	19.30	15.00	2.20	0.87	691.52	81.36	0.00	3.18	948.00	396.32
4	23.80	18.70	16.40	2.20	1.01	684.15	85.29	1.20	1.93	960.00	250.58
5	23.10	17.88	16.00	1.30	0.57	683.45	89.30	9.20	1.46	735.00	189.65
6	25.00	18.52	15.80	2.20	0.90	683.37	87.56	17.80	1.80	856.00	228.67
7	25.20	19.85	16.20	1.80	0.67	683.93	81.06	0.00	2.53	818.00	289.90
8	25.70	20.31	17.20	1.80	0.74	684.85	81.08	0.00	2.34	1034.00	276.34
9	25.90	20.59	16.80	2.20	0.76	684.86	79.14	0.00	2.28	1017.00	252.46
10	26.50	20.83	16.70	1.80	0.76	685.04	76.90	0.00	2.99	1024.00	354.00
11	24.30	19.56	17.20	1.80	0.71	684.89	80.90	0.00	1.77	674.00	199.32
12	23.40	18.99	15.90	1.80	0.67	684.11	83.08	12.00	1.48	561.00	171.14
13	20.30	17.62	16.40	1.80	0.86	683.60	90.99	14.40	0.85	356.00	123.84
14	22.80	17.96	15.20	2.70	1.17	679.04	87.42	10.40	2.01	819.00	261.64
15	24.70	18.46	15.90	1.80	0.84	685.73	86.12	26.20	1.91	1026.00	254.01
16	24.60	18.67	15.30	4.00	1.01	682.33	85.81	25.00	2.48	1051.00	316.00
17	22.90	18.48	16.10	2.20	0.87	682.61	86.58	0.20	1.51	889.00	191.20
18	22.70	18.03	15.30	1.80	0.69	683.41	88.15	13.80	1.55	947.00	196.16
19	21.80	18.06	15.80	2.20	1.03	672.30	86.35	6.80	1.20	341.00	143.01
20	24.70	19.48	15.70	1.80	0.84	684.17	80.19	0.00	2.09	493.00	243.34
21	23.70	19.28	16.30	1.30	0.56	684.37	84.87	0.00	1.63	907.00	212.57
22	23.60	19.04	15.40	1.80	0.67	684.00	84.68	8.60	1.89	910.00	224.28
23	21.80	18.74	16.40	1.30	0.67	683.93	85.23	0.00	1.58	419.00	183.86
24	21.70	18.65	16.70	1.80	0.73	683.86	86.00	1.00	1.46	586.00	166.64
25	23.60	19.02	15.40	1.30	0.64	683.75	84.39	3.00	1.77	664.00	216.26
26	25.10	19.91	16.20	1.80	0.64	684.28	81.27	0.00	1.78	804.00	206.28
27	25.20	19.88	16.30	1.80	0.91	684.60	82.46	25.40	2.55	894.00	305.14
28	26.30	20.86	17.00	1.80	0.74	684.87	77.55	0.00	2.75	1065.00	311.03
29	26.40	20.53	16.70	1.80	0.89	684.97	76.35	0.00	2.32	914.00	254.58
30	26.10	19.33	16.10	2.70	1.15	684.68	79.02	8.80	2.17	961.00	230.61
31	25.70	19.96	15.80	2.20	0.83	684.07	76.05	0.00	2.52	840.00	266.29
TOTAL								201.80	61.20		
PROM	24.13	19.11	16.08	1.98	0.81	683.90	83.55			825.16	237.58

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Diciembre de 2012
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	1	1	1	0	2	1	0	3	9.00	3.17	13.19	140.00	7.40	2.96	13.20
2	0	1	0	1	0	1	1	0	2	9.00	1.33	5.56	90.00	8.80	5.28	15.60
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	0	0	1	0	0	0	1	0	1	1.20	0.33	1.39	30.00	1.20	1.80	6.00
5	0	2	0	0	0	0	1	1	2	9.20	1.00	4.17	40.00	4.80	5.76	22.80
6	1	2	0	2	4	0	1	0	5	17.80	2.83	11.81	40.00	10.80	12.96	55.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	1	0	0	2	0	0	0	3	3	12.00	1.67	6.94	70.00	11.20	8.40	32.40
13	0	1	2	1	3	0	1	0	4	14.40	4.17	17.36	60.00	7.40	6.34	25.20
14	1	1	0	2	2	0	0	2	4	10.40	1.83	7.64	40.00	5.80	6.96	19.20
15	1	0	0	0	0	0	1	0	1	26.20	1.83	7.64	130.00	26.20	11.23	36.00
16	1	1	1	2	2	2	1	0	5	25.00	4.33	18.06	80.00	17.40	11.60	36.00
17	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
18	0	1	0	2	2	0	1	0	3	13.80	4.17	17.36	240.00	13.20	3.17	8.40
19	0	1	0	0	0	0	1	0	1	6.80	0.83	3.47	60.00	6.80	5.83	26.40
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	2	0	0	0	2	8.60	1.17	4.86	70.00	8.40	6.30	19.20
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	2	0	0	2	0	2	1.00	0.83	3.47	60.00	0.80	0.69	1.20
25	0	1	0	0	0	0	1	0	1	3.00	0.83	3.47	70.00	3.00	2.25	10.80
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	1	0	0	0	1	0	0	0	1	25.40	1.33	5.56	90.00	25.40	15.24	69.60
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	1	0	0	0	0	1	0	1	8.80	1.83	7.64	130.00	8.80	3.77	14.40
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	2	2	2	4	2	2	3	5	26.20	4.33	18.06	240.00	26.20	15.24	69.60
TOTAL	6	14	5	17	16	5	15	6	42	201.80	33.67	4.53				

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