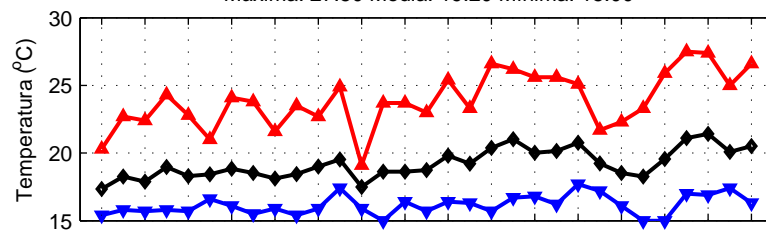


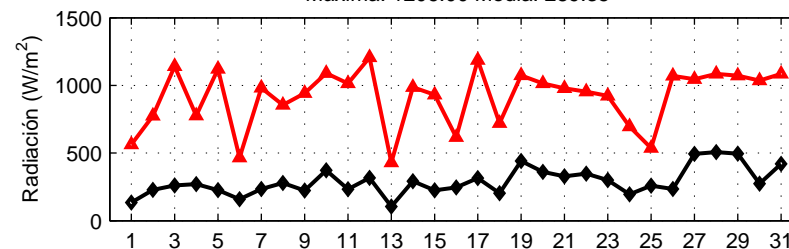
Estación: Mundo Nuevo
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: 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

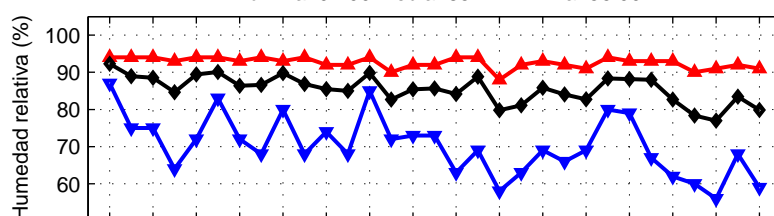
Máxima: 27.50 Media: 19.20 Mínima: 15.00



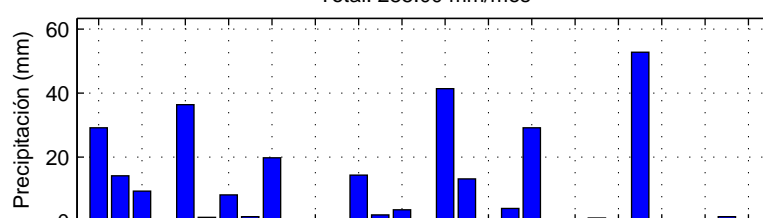
Máxima: 1206.00 Media: 289.35



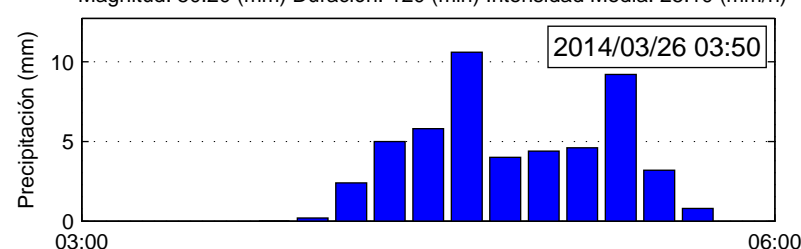
Máxima: 94.00 Media: 85.47 Mínima: 56.00



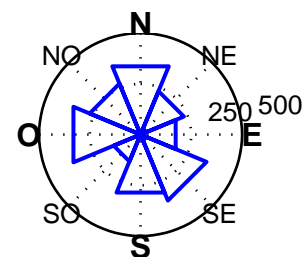
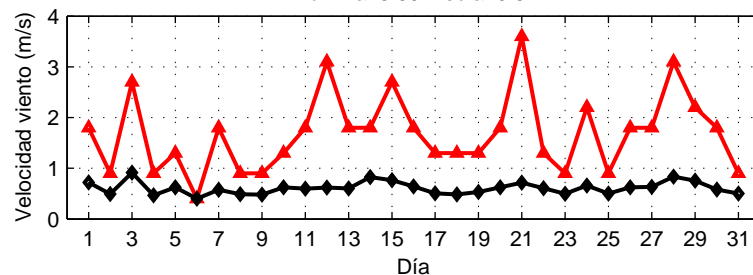
Total: 285.00 mm/mes



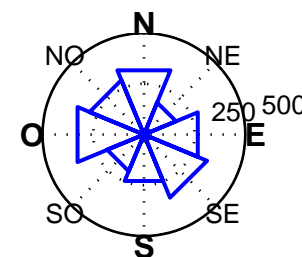
Magnitud: 50.20 (mm) Duración: 120 (min) Intensidad Media: 25.10 (mm/h)



Máxima: 3.60 Media: 0.61



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	20.30	17.34	15.40	1.80	0.72	688.81	92.28	29.20	0.91	562.00	133.56
2	22.70	18.27	15.80	0.90	0.49	684.11	88.97	14.20	1.66	775.00	228.06
3	22.40	17.89	15.70	2.70	0.91	702.23	88.51	9.40	1.98	1141.00	261.15
4	24.30	18.97	15.80	0.90	0.47	690.35	84.62	0.40	1.98	777.00	270.79
5	22.80	18.30	15.70	1.30	0.63	689.23	89.44	36.40	1.48	1121.00	226.63
6	21.00	18.43	16.60	0.40	0.40	698.32	90.06	1.20	1.06	466.00	158.29
7	24.10	18.84	16.10	1.80	0.58	693.93	86.36	8.20	1.74	982.00	234.37
8	23.80	18.53	15.50	0.90	0.49	687.20	86.62	1.40	1.98	855.00	279.08
9	21.60	18.11	15.90	0.90	0.48	684.87	89.78	19.80	1.67	943.00	222.83
10	23.50	18.43	15.40	1.30	0.63	683.80	86.85	0.80	2.77	1090.00	372.62
11	22.70	19.00	15.90	1.80	0.60	688.33	85.47	0.00	1.75	1015.00	231.99
12	24.90	19.53	17.40	3.10	0.62	688.89	85.02	0.00	2.31	1206.00	315.48
13	19.10	17.48	15.90	1.80	0.60	684.06	89.85	14.40	0.73	429.00	104.83
14	23.70	18.62	15.00	1.80	0.83	688.93	82.67	2.00	2.44	986.00	292.16
15	23.70	18.62	16.40	2.70	0.76	688.12	85.40	3.60	1.88	930.00	224.49
16	23.00	18.74	15.70	1.80	0.64	686.46	85.68	0.00	1.75	617.00	245.68
17	25.40	19.81	16.40	1.30	0.51	686.37	84.16	41.40	2.42	1187.00	314.01
18	23.30	19.21	16.30	1.30	0.48	685.75	88.80	13.20	1.45	720.00	202.89
19	26.60	20.37	15.70	1.30	0.53	689.67	79.82	0.00	3.45	1073.00	440.56
20	26.20	21.03	16.70	1.80	0.63	685.20	81.10	4.00	3.04	1014.00	361.17
21	25.60	20.01	16.80	3.60	0.72	686.84	85.81	29.20	2.51	979.00	327.54
22	25.60	20.15	16.20	1.30	0.61	697.78	84.05	0.20	2.70	954.00	346.69
23	25.10	20.75	17.70	0.90	0.50	693.96	82.71	0.00	2.45	922.00	299.83
24	21.70	19.23	17.20	2.20	0.66	712.93	88.34	1.00	1.43	695.00	193.99
25	22.30	18.52	16.10	0.90	0.50	694.43	88.18	0.40	1.47	537.00	258.00
26	23.30	18.26	15.00	1.80	0.62	706.28	87.96	52.80	1.73	1070.00	234.58
27	25.90	19.56	15.00	1.80	0.63	686.48	82.66	0.00	3.80	1046.00	493.63
28	27.50	21.11	17.00	3.10	0.83	693.92	78.33	0.20	4.26	1085.00	506.62
29	27.40	21.41	16.90	2.20	0.75	695.00	76.96	0.00	4.06	1072.00	495.34
30	25.00	20.08	17.40	1.80	0.58	687.19	83.42	1.40	2.23	1036.00	273.03
31	26.60	20.51	16.30	0.90	0.50	705.10	79.85	0.20	3.29	1085.00	419.85
TOTAL								285.00	68.38		
PROM	23.91	19.20	16.16	1.68	0.61	691.44	85.47			915.16	289.35

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Marzo de 2014
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	1	1	0	2	2	0	2	0	4	29.20	1.83	7.64	40.00	22.20	26.64	62.40
2	0	1	1	1	2	0	1	0	3	14.20	5.00	20.83	260.00	9.60	2.13	8.40
3	0	2	2	3	3	2	1	1	7	9.40	3.67	15.28	70.00	3.20	2.40	9.60
4	0	0	0	1	1	0	0	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
5	1	2	1	0	1	1	0	2	4	36.40	7.00	29.17	130.00	17.40	7.46	15.60
6	0	0	1	1	2	0	0	0	2	1.20	0.50	2.08	30.00	1.00	1.50	4.80
7	0	0	1	1	0	0	1	1	2	8.20	3.83	15.97	240.00	8.00	1.92	6.00
8	0	0	1	1	0	0	0	2	2	1.40	0.50	2.08	30.00	1.20	1.80	3.60
9	1	2	1	1	1	0	1	3	5	19.80	3.33	13.89	50.00	9.80	9.80	26.40
10	0	0	1	1	2	0	0	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	1	1	0	1	0	1	2	0	3	14.40	1.50	6.25	60.00	11.40	9.77	54.00
14	0	1	0	0	0	0	1	0	1	2.00	0.33	1.39	30.00	2.00	3.00	6.00
15	0	1	0	1	0	0	1	1	2	3.60	1.00	4.17	60.00	3.40	2.91	9.60
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	1	0	0	0	0	0	0	1	1	41.40	2.33	9.72	180.00	41.40	13.07	63.60
18	0	1	2	0	1	1	1	0	3	13.20	2.67	11.11	100.00	10.80	5.89	31.20
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	1	0	0	0	0	0	1	1	4.00	0.83	3.47	60.00	4.00	3.43	7.20
21	1	0	1	0	1	0	0	1	2	29.20	1.67	6.94	60.00	27.00	23.14	73.20
22	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	1	0	0	1	1	2	1.00	0.50	2.08	30.00	0.80	1.20	2.40
25	0	0	0	1	0	0	0	1	1	0.40	0.33	1.39	40.00	0.40	0.48	1.20
26	1	0	2	4	3	0	2	2	7	52.80	3.33	13.89	120.00	50.20	23.17	63.60
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	1	3	0	0	0	3	4	1.40	1.00	4.17	50.00	0.60	0.60	1.20
31	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
MAX	1	2	2	4	3	2	2	3	7	52.80	7.00	29.17	260.00	50.20	26.64	73.20
TOTAL	7	13	16	26	19	5	15	22	62	285.00	42.50	5.71				

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