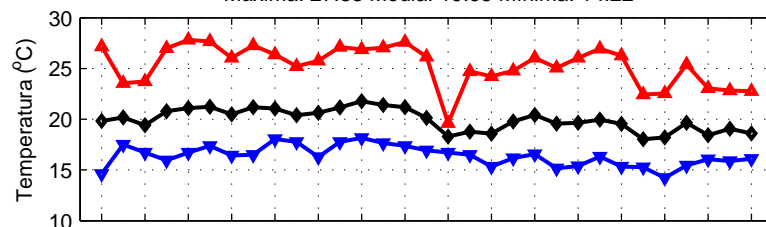


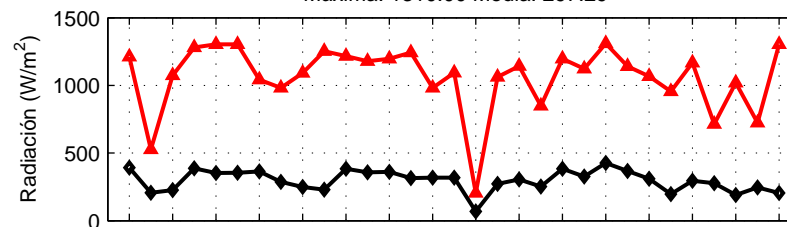
Estación: San Jose
Fecha: Marzo de 2010
Registros: 31 de 31

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>

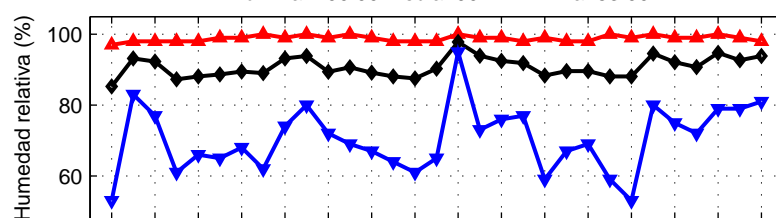
Máxima: 27.83 Media: 19.95 Mínima: 14.22



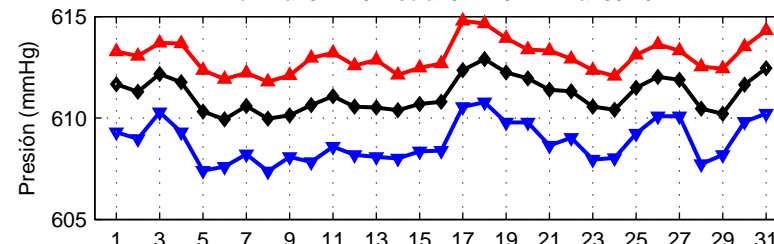
Máxima: 1310.00 Media: 297.29



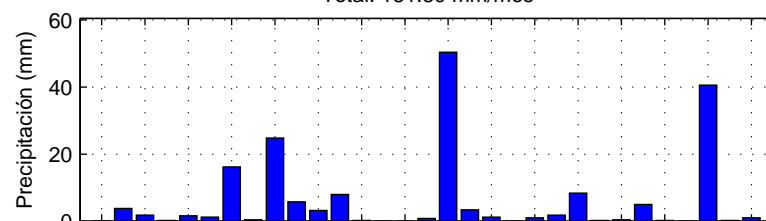
Máxima: 100.00 Media: 90.77 Mínima: 53.00



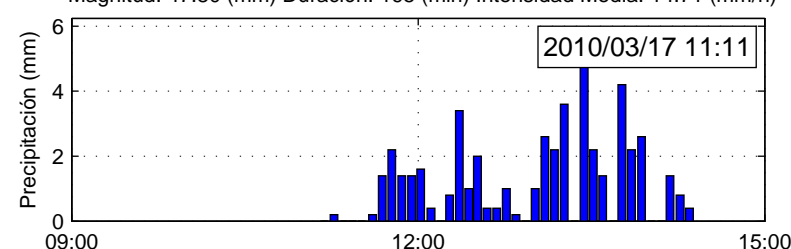
Máxima: 614.79 Media: 611.15 Mínima: 607.37



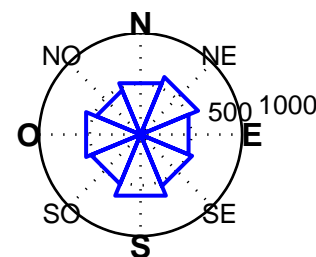
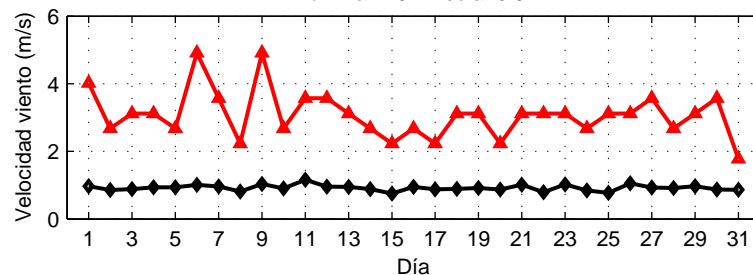
Total: 181.80 mm/mes



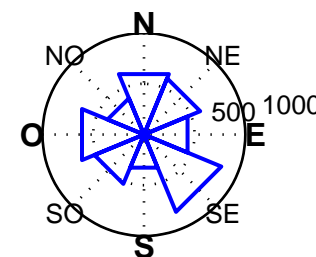
Magnitud: 47.80 (mm) Duración: 195 (min) Intensidad Media: 14.71 (mm/h)



Máxima: 4.91 Media: 0.92



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: San Jose
Fecha: Marzo de 2010
Registros: 31 de 31

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: www.utp.edu.co/hidroclimatologica

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	27.16	19.82	14.61	4.02	0.97	611.67	85.25	0.00	6.01	1211.00	392.33
2	23.55	20.17	17.50	2.68	0.86	611.29	93.19	3.80	1.58	527.00	205.71
3	23.72	19.42	16.72	3.12	0.88	612.17	92.31	1.80	1.77	1074.00	225.60
4	26.99	20.80	15.94	3.12	0.93	611.76	87.30	0.20	2.91	1280.00	387.42
5	27.83	21.10	16.72	2.68	0.93	610.32	88.06	1.60	2.79	1303.00	351.63
6	27.66	21.24	17.38	4.91	1.01	609.94	88.67	1.20	2.87	1303.00	353.47
7	26.05	20.48	16.44	3.57	0.96	610.59	89.44	16.20	2.79	1042.00	364.25
8	27.27	21.18	16.50	2.23	0.81	609.97	89.02	0.40	2.30	981.00	286.80
9	26.38	21.05	18.05	4.91	1.04	610.13	93.15	24.80	1.89	1092.00	248.66
10	25.22	20.40	17.77	2.68	0.90	610.64	93.86	5.80	1.78	1253.00	228.96
11	25.77	20.63	16.27	3.57	1.16	611.08	89.41	3.20	3.04	1216.00	384.32
12	27.11	21.15	17.77	3.57	0.96	610.56	90.68	8.00	5.61	1178.00	356.69
13	26.88	21.78	18.16	3.12	0.95	610.52	89.17	0.20	2.82	1197.00	361.10
14	27.05	21.41	17.66	2.68	0.88	610.38	88.11	0.00	2.51	1243.00	314.99
15	27.61	21.19	17.38	2.23	0.76	610.69	87.55	0.00	2.63	981.00	318.18
16	26.16	20.13	16.94	2.68	0.95	610.80	90.28	0.80	2.49	1093.00	318.69
17	19.61	18.28	16.72	2.23	0.88	612.36	97.84	50.40	1.12	204.00	67.97
18	24.72	18.78	16.50	3.12	0.89	612.90	93.95	3.40	2.55	1062.00	271.09
19	24.22	18.59	15.33	3.12	0.92	612.24	92.49	1.20	2.40	1143.00	305.04
20	24.77	19.78	16.16	2.23	0.87	611.95	91.88	0.00	1.88	849.00	252.27
21	26.05	20.41	16.55	3.12	1.02	611.39	88.35	1.00	2.94	1197.00	383.62
22	25.05	19.57	15.16	3.12	0.79	611.31	89.57	1.80	2.51	1123.00	325.77
23	26.05	19.65	15.38	3.12	1.02	610.56	89.57	8.40	6.61	1310.00	425.96
24	26.94	19.95	16.33	2.68	0.85	610.40	88.08	0.20	3.12	1141.00	366.79
25	26.27	19.53	15.33	3.12	0.77	611.49	88.06	0.40	2.44	1067.00	309.24
26	22.44	18.03	15.27	3.12	1.06	612.03	94.57	5.00	1.37	956.00	195.84
27	22.55	18.20	14.22	3.57	0.93	611.88	92.08	0.20	2.17	1167.00	295.48
28	25.38	19.65	15.44	2.68	0.92	610.46	90.70	0.00	2.14	714.00	277.42
29	23.05	18.43	16.05	3.12	0.97	610.21	94.74	40.60	1.46	1020.00	190.21
30	22.83	19.05	15.88	3.57	0.87	611.65	92.68	0.20	1.84	724.00	245.03
31	22.77	18.59	16.11	1.78	0.86	612.45	93.83	1.00	1.53	1304.00	205.35
TOTAL								181.80	81.87		
PROM	25.33	19.95	16.39	3.08	0.92	611.15	90.77			1063.06	297.29

Cuadro 1: Resumen de análisis climatológico

Estación: San Jose
Fecha: Marzo de 2010
Registros: 31 de 31

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: www.utp.edu.co/hidroclimatologica

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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	1	0	0	0	1	0	0	1	3.80	0.42	1.74	35.00	3.80	5.70	24.00
3	0	1	2	1	0	1	3	0	4	1.80	0.50	2.08	15.00	1.00	3.00	7.20
4	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
5	0	0	2	0	0	0	1	1	2	1.60	0.50	2.08	50.00	1.20	1.31	4.80
6	0	0	2	0	0	0	2	0	2	1.20	0.42	1.74	35.00	1.00	1.50	4.80
7	1	0	0	0	1	0	0	0	1	16.20	1.08	4.51	80.00	16.20	11.44	48.00
8	0	0	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
9	1	0	1	0	1	1	0	0	2	24.80	1.17	4.86	85.00	24.60	16.40	72.00
10	0	0	4	0	1	0	2	1	4	5.80	2.00	8.33	115.00	3.80	1.90	4.80
11	0	0	5	0	4	0	0	1	5	3.20	1.25	5.21	40.00	1.60	2.13	4.80
12	0	2	1	0	0	1	2	0	3	8.00	1.17	4.86	60.00	5.80	5.35	21.60
13	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0	1	1	0	0	0	1	1	2	0.80	0.17	0.69	10.00	0.60	2.40	7.20
17	1	0	4	0	0	3	1	1	5	50.40	3.33	13.89	195.00	47.80	14.34	62.40
18	0	0	3	0	1	0	2	0	3	3.40	1.33	5.56	90.00	3.00	1.89	4.80
19	0	0	3	0	0	1	2	0	3	1.20	0.50	2.08	30.00	0.80	1.37	2.40
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	1	0	0	0	0	1	0	1	1.00	0.08	0.35	10.00	1.00	4.00	12.00
22	0	0	3	0	0	0	3	0	3	1.80	0.75	3.13	35.00	0.80	1.20	2.40
23	1	0	1	0	0	1	1	0	2	8.40	0.83	3.47	50.00	8.20	8.95	33.60
24	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
25	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
26	0	1	3	0	1	1	2	0	4	5.00	1.08	4.51	30.00	2.60	4.46	14.40
27	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	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	1	1	0	0	1	2	0	3	40.60	1.25	5.21	60.00	35.60	32.86	122.40
30	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
31	0	1	1	0	0	0	2	0	2	1.00	0.25	1.04	10.00	0.60	2.40	7.20
MAX	1	2	5	1	4	3	3	1	5	50.40	3.33	13.89	195.00	47.80	32.86	122.40
TOTAL	5	9	44	1	13	12	28	6	59	181.80	18.67	2.51				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
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