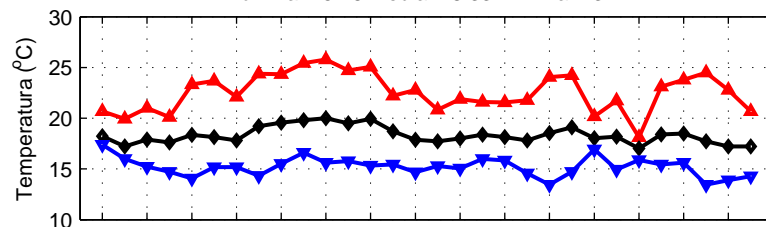


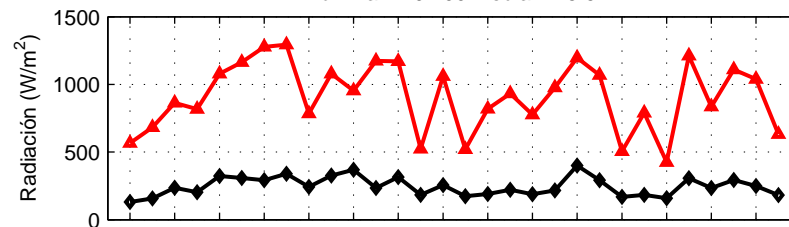
Estación: San Jose
Fecha: Junio de 2011
Registros: 30 de 30

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>

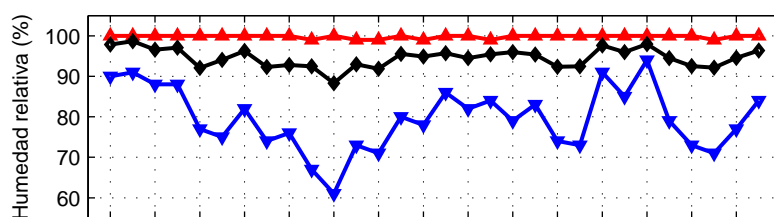
Máxima: 25.78 Media: 18.33 Mínima: 13.44



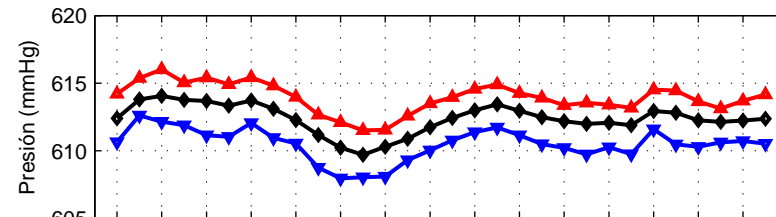
Máxima: 1294.00 Media: 245.67



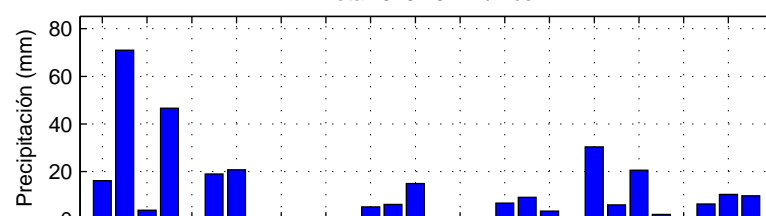
Máxima: 100.00 Media: 94.56 Mínima: 61.00



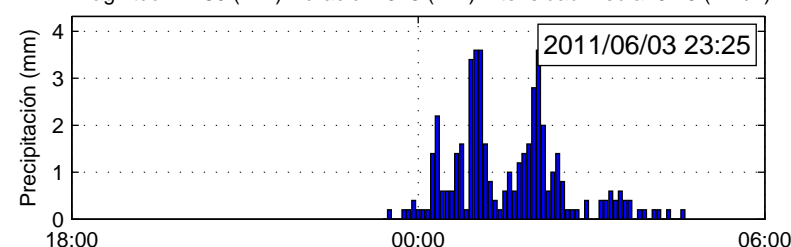
Máxima: 616.01 Media: 612.38 Mínima: 607.96



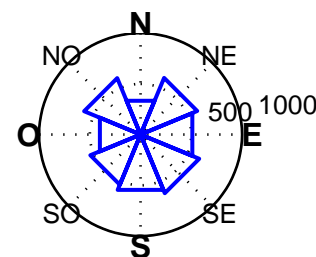
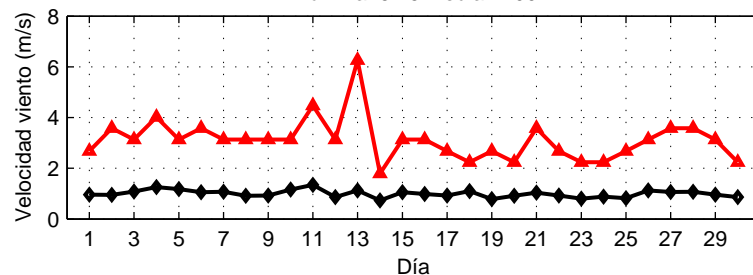
Total: 313.20 mm/mes



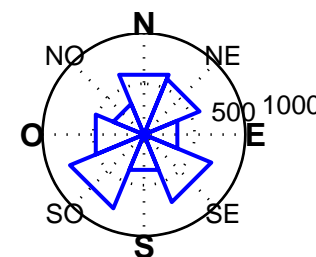
Magnitud: 47.80 (mm) Duración: 315 (min) Intensidad Media: 9.10 (mm/h)



Máxima: 6.26 Media: 1.00



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: San Jose
Fecha: Junio de 2011
Registros: 30 de 30

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/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	20.67	18.24	17.39	2.68	0.96	612.40	97.81	16.20	0.91	566.00	129.89
2	19.94	17.23	16.00	3.58	0.95	613.80	98.67	71.00	1.14	682.00	157.54
3	21.00	17.89	15.22	3.13	1.08	614.06	96.60	3.80	1.73	863.00	234.99
4	20.11	17.61	14.72	4.02	1.26	613.77	97.07	46.60	1.42	817.00	202.28
5	23.33	18.36	14.06	3.13	1.18	613.68	92.08	0.40	2.54	1079.00	322.46
6	23.67	18.13	15.17	3.58	1.05	613.34	94.07	19.00	2.21	1164.00	308.22
7	22.11	17.81	15.17	3.13	1.08	613.71	96.26	20.80	2.03	1278.00	291.01
8	24.39	19.20	14.33	3.13	0.92	613.11	92.30	0.20	2.64	1294.00	339.78
9	24.33	19.57	15.50	3.13	0.93	612.27	92.77	0.00	1.98	784.00	242.42
10	25.44	19.79	16.61	3.13	1.16	611.17	92.45	0.60	2.57	1079.00	326.86
11	25.78	19.99	15.61	4.47	1.34	610.23	88.30	0.20	3.02	954.00	368.05
12	24.72	19.49	15.78	3.13	0.87	609.70	92.95	0.60	1.85	1174.00	234.24
13	25.06	19.93	15.33	6.26	1.13	610.29	91.84	5.20	2.41	1171.00	314.56
14	22.22	18.72	15.44	1.79	0.73	610.88	95.55	6.20	1.35	524.00	183.83
15	22.78	17.89	14.67	3.13	1.06	611.75	94.89	15.00	1.93	1060.00	255.58
16	20.83	17.71	15.28	3.13	0.98	612.43	95.69	0.00	1.27	520.00	173.49
17	21.89	18.01	15.06	2.68	0.93	612.99	94.50	0.00	1.45	819.00	190.40
18	21.61	18.39	16.00	2.24	1.10	613.43	95.41	1.00	1.70	933.00	221.62
19	21.56	18.14	15.83	2.68	0.78	612.96	95.95	6.80	1.45	777.00	188.00
20	21.78	17.81	14.56	2.24	0.92	612.48	95.35	9.20	1.58	977.00	215.73
21	24.06	18.53	13.44	3.58	1.03	612.19	92.37	3.40	3.07	1197.00	399.65
22	24.22	19.09	14.72	2.68	0.92	611.99	92.46	1.00	2.29	1069.00	291.43
23	20.17	18.03	16.94	2.24	0.80	612.08	97.61	30.40	1.27	506.00	169.19
24	21.72	18.17	14.94	2.24	0.88	611.89	95.96	6.00	1.35	789.00	183.78
25	18.11	17.01	15.89	2.68	0.82	612.95	97.94	20.60	1.09	425.00	159.30
26	23.11	18.39	15.44	3.13	1.12	612.81	94.48	2.00	2.24	1211.00	306.42
27	23.78	18.49	15.61	3.58	1.06	612.26	92.52	0.40	1.78	835.00	234.88
28	24.50	17.71	13.44	3.58	1.07	612.14	92.14	6.40	2.36	1109.00	293.13
29	22.78	17.22	13.89	3.13	0.96	612.23	94.56	10.40	1.91	1039.00	249.73
30	20.67	17.22	14.28	2.24	0.87	612.37	96.34	9.80	1.32	631.00	181.52
TOTAL								313.20	55.86		
PROM	22.54	18.33	15.21	3.12	1.00	612.38	94.56			910.87	245.67

Cuadro 1: Resumen de análisis climatológico

Estación: San Jose
Fecha: Junio de 2011
Registros: 30 de 30

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	3	9	0	3	2	3	4	12	16.20	4.08	17.01	75.00	5.00	3.75	12.00
2	1	3	2	1	3	1	3	0	7	71.00	10.42	43.40	100.00	29.20	16.69	81.60
3	0	0	6	1	5	0	1	1	7	3.80	1.42	5.90	40.00	1.20	1.60	4.80
4	1	0	0	0	1	0	0	0	1	46.60	3.92	16.32	275.00	46.60	9.99	43.20
5	0	0	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
6	1	0	2	1	1	1	1	1	4	19.00	1.67	6.94	95.00	18.00	10.80	38.40
7	1	2	2	0	1	3	1	0	5	20.80	2.25	9.38	95.00	12.00	7.20	33.60
8	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	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	2	0	0	0	1	1	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
11	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
12	0	0	2	0	0	0	2	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
13	1	0	2	0	1	0	0	2	3	5.20	0.67	2.78	30.00	4.60	7.89	26.40
14	0	3	2	0	1	2	2	0	5	6.20	1.08	4.51	25.00	2.20	4.40	9.60
15	0	1	0	0	0	0	1	0	1	15.00	1.50	6.25	120.00	15.00	7.20	26.40
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	1	0	0	0	1	0	1	1.00	0.25	1.04	30.00	1.00	1.71	4.80
19	0	2	1	0	0	1	2	0	3	6.80	1.08	4.51	60.00	5.40	4.98	16.80
20	0	1	0	0	0	0	1	0	1	9.20	1.25	5.21	95.00	9.20	5.52	19.20
21	0	1	3	0	1	0	2	1	4	3.40	0.83	3.47	45.00	2.80	3.36	7.20
22	0	0	2	0	0	0	2	0	2	1.00	0.33	1.39	15.00	0.60	1.80	4.80
23	0	4	2	0	1	2	3	0	6	30.40	4.67	19.44	160.00	15.40	5.60	16.80
24	0	1	3	0	1	0	2	1	4	6.00	1.50	6.25	35.00	3.20	4.80	14.40
25	0	2	10	0	4	2	4	2	12	20.60	4.50	18.75	95.00	8.20	4.92	28.80
26	0	0	5	0	4	0	0	1	5	2.00	0.75	3.13	55.00	1.20	1.20	4.80
27	0	0	2	0	2	0	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
28	1	0	1	0	1	0	1	0	2	6.40	0.67	2.78	45.00	6.20	7.44	24.00
29	1	0	1	0	1	0	1	0	2	10.40	0.83	3.47	60.00	10.20	9.42	45.60
30	0	2	4	0	1	2	2	1	6	9.80	1.67	6.94	35.00	4.00	6.00	16.80
MAX	1	4	10	1	5	3	4	4	12	71.00	10.42	43.40	275.00	46.60	16.69	81.60
TOTAL	7	25	67	3	34	16	36	16	102	313.20	46.08	6.40				

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