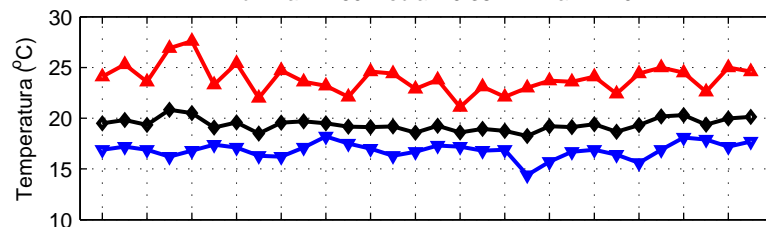


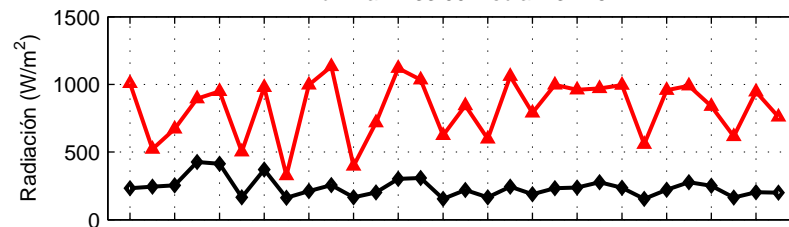
Estación: Acuaseo
Fecha: Noviembre de 2010
Registros: 30 de 30

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>

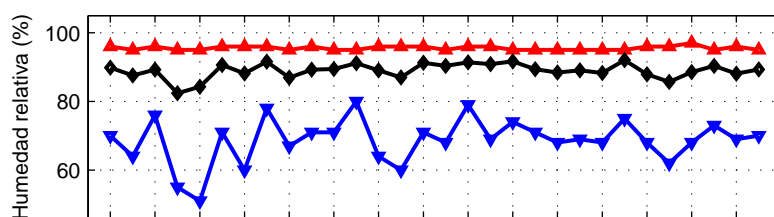
Máxima: 27.60 Media: 19.38 Mínima: 14.40



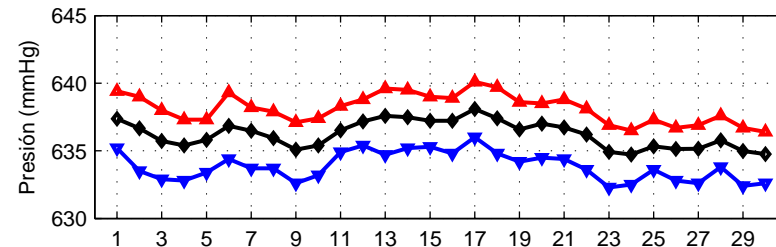
Máxima: 1133.00 Media: 237.75



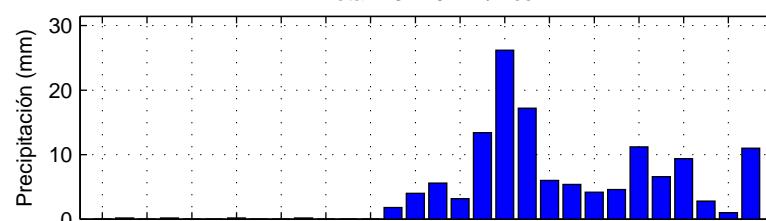
Máxima: 97.00 Media: 88.95 Mínima: 51.00



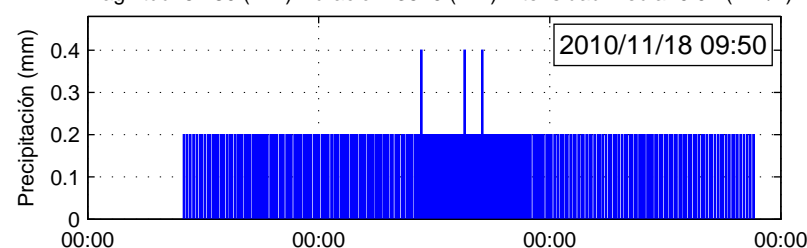
Máxima: 640.10 Media: 636.22 Mínima: 632.30



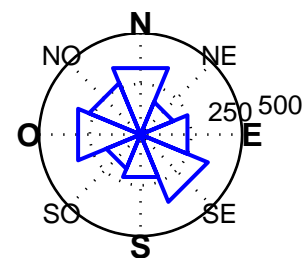
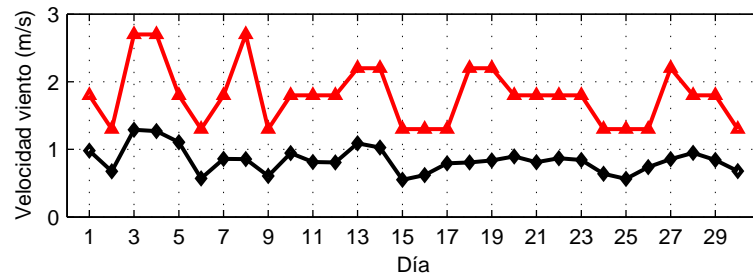
Total: 134.40 mm/mes



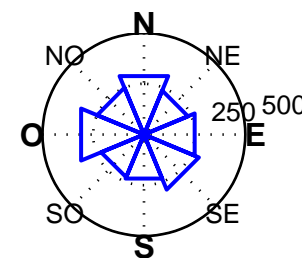
Magnitud: 54.80 (mm) Duración: 3570 (min) Intensidad Media: 0.92 (mm/h)



Máxima: 2.70 Media: 0.84



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Noviembre de 2010
Registros: 30 de 30

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	24.10	19.50	16.90	1.80	0.98	637.36	89.83	0.00	1.79	1008.00	232.97
2	25.30	19.84	17.20	1.30	0.67	636.66	87.57	0.20	1.84	522.00	243.41
3	23.60	19.35	16.90	2.70	1.29	635.72	89.24	0.00	1.99	671.00	253.44
4	26.90	20.82	16.20	2.70	1.27	635.40	82.39	0.20	3.55	894.00	426.96
5	27.60	20.50	16.80	1.80	1.11	635.81	84.23	0.00	2.79	949.00	413.94
6	23.30	19.09	17.40	1.30	0.57	636.84	90.57	0.00	1.20	502.00	165.65
7	25.40	19.59	17.10	1.80	0.86	636.48	88.14	0.20	2.64	978.00	371.29
8	22.00	18.50	16.30	2.70	0.86	635.94	91.56	0.00	1.21	326.00	161.06
9	24.70	19.57	16.20	1.30	0.61	635.08	86.90	0.00	1.61	996.00	211.82
10	23.60	19.70	17.10	1.80	0.95	635.40	89.22	0.20	1.86	1133.00	256.01
11	23.20	19.50	18.20	1.80	0.81	636.52	89.42	0.00	1.23	397.00	165.91
12	22.10	19.16	17.50	1.80	0.81	637.18	91.13	0.00	1.50	717.00	200.89
13	24.60	19.13	17.00	2.20	1.09	637.58	89.03	0.00	2.30	1120.00	301.43
14	24.40	19.19	16.30	2.20	1.03	637.48	86.94	1.80	2.30	1035.00	307.54
15	22.90	18.57	16.70	1.30	0.55	637.21	91.24	4.00	1.10	623.00	153.73
16	23.80	19.25	17.30	1.30	0.62	637.22	90.34	5.60	1.74	843.00	218.84
17	21.10	18.60	17.20	1.30	0.79	638.10	91.35	3.20	1.22	597.00	164.32
18	23.10	18.95	16.80	2.20	0.81	637.40	90.88	13.40	1.85	1061.00	243.97
19	22.10	18.75	16.90	2.20	0.83	636.58	91.65	26.20	1.37	790.00	188.49
20	23.00	18.24	14.40	1.80	0.90	637.01	89.36	17.20	1.70	997.00	232.64
21	23.70	19.21	15.70	1.80	0.81	636.73	88.38	6.00	1.81	961.00	236.61
22	23.60	19.12	16.70	1.80	0.87	636.20	89.07	5.40	2.06	970.00	276.97
23	24.10	19.40	16.90	1.80	0.84	634.92	88.24	4.20	1.82	994.00	235.58
24	22.40	18.66	16.40	1.30	0.64	634.72	92.05	4.60	1.14	558.00	154.17
25	24.40	19.33	15.60	1.30	0.56	635.32	87.91	11.20	1.67	957.00	221.75
26	25.00	20.18	16.90	1.30	0.74	635.14	85.69	6.60	2.20	990.00	277.19
27	24.50	20.31	18.10	2.20	0.85	635.15	88.51	9.40	1.88	838.00	250.30
28	22.60	19.36	17.90	1.80	0.95	635.78	90.35	2.80	1.22	616.00	163.47
29	25.00	19.98	17.20	1.80	0.84	634.99	88.10	1.00	1.61	945.00	203.04
30	24.60	20.14	17.70	1.30	0.68	634.76	89.33	11.00	1.55	760.00	199.13
TOTAL								134.40	53.75		
PROM	23.89	19.38	16.85	1.79	0.84	636.22	88.95			824.93	237.75

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Noviembre de 2010
Registros: 30 de 30

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	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	0	9	1	2	3	3	9	1.80	1.50	6.25	20.00	0.20	0.40	1.20
15	0	0	1	19	4	5	5	6	20	4.00	3.33	13.89	10.00	0.20	0.60	1.20
16	0	0	0	28	7	7	7	6	28	5.60	4.67	19.44	20.00	0.20	0.40	1.20
17	0	0	0	16	6	2	5	3	16	3.20	2.67	11.11	20.00	0.20	0.40	1.20
18	0	0	0	5	1	4	0	0	5	13.40	11.17	46.53	850.00	12.60	0.88	1.20
19	0	0	1	0	1	0	0	0	1	26.20	21.33	88.89	1440.00	26.20	1.08	2.40
20	0	0	0	6	1	0	0	5	6	17.20	14.33	59.72	1280.00	16.00	0.74	1.20
21	0	0	0	23	5	5	7	6	23	6.00	5.00	20.83	110.00	1.20	0.60	1.20
22	0	0	0	27	4	5	10	8	27	5.40	4.50	18.75	20.00	0.20	0.40	1.20
23	0	0	0	21	5	5	7	3	21	4.20	3.50	14.58	20.00	0.20	0.40	1.20
24	0	0	0	23	3	4	8	8	23	4.60	3.83	15.97	20.00	0.20	0.40	1.20
25	0	1	0	19	7	7	5	1	20	11.20	5.33	22.22	150.00	7.40	2.77	8.40
26	0	1	1	1	2	0	1	0	3	6.60	2.50	10.42	130.00	6.00	2.57	6.00
27	1	0	1	4	0	2	2	2	6	9.40	2.33	9.72	50.00	7.00	7.00	15.60
28	0	0	1	7	2	3	1	2	8	2.80	1.83	7.64	60.00	1.40	1.20	4.80
29	0	0	1	1	0	0	2	0	2	1.00	0.50	2.08	30.00	0.80	1.20	2.40
30	1	0	0	0	0	0	1	0	1	11.00	0.50	2.08	40.00	11.00	13.20	32.40
MAX	1	1	1	28	7	7	10	8	28	26.20	21.33	88.89	1440.00	26.20	13.20	32.40
TOTAL	2	2	6	213	50	51	65	55	223	134.40	89.50	12.43				

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