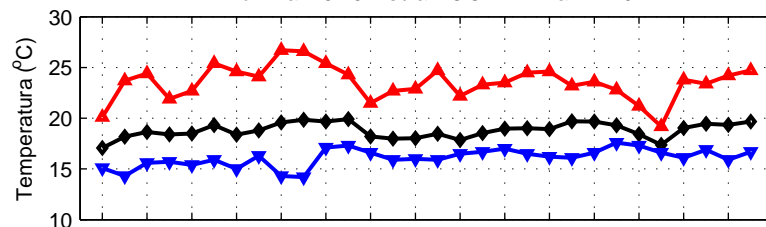


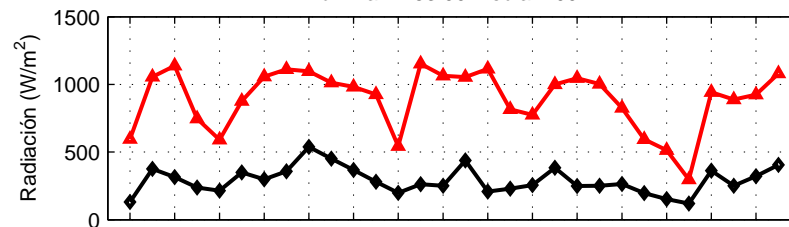
Estación: Acuaseo
Fecha: Noviembre de 2008
Registros: 30 de 30

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>

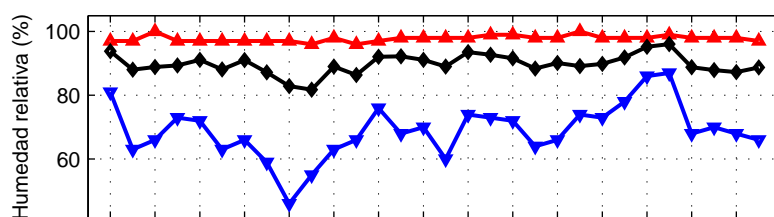
Máxima: 26.70 Media: 18.81 Mínima: 14.20



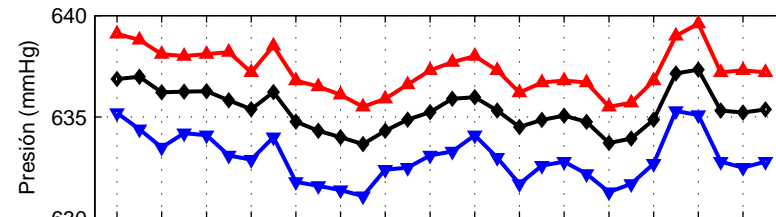
Máxima: 1153.00 Media: 290.11



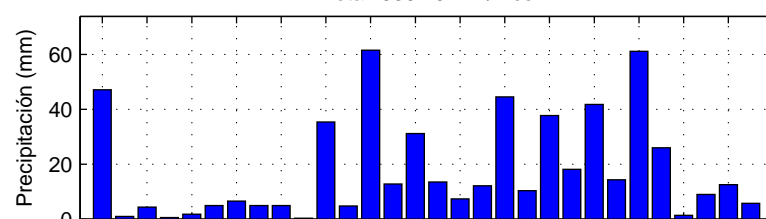
Máxima: 100.00 Media: 89.77 Mínima: 46.00



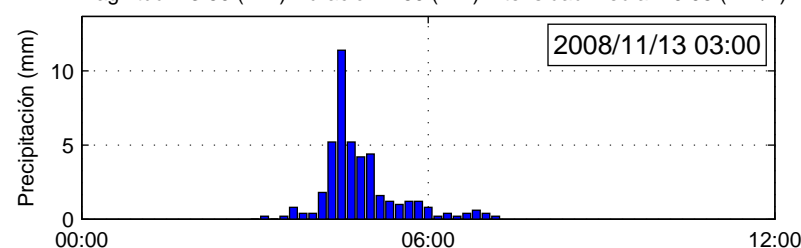
Máxima: 639.60 Media: 635.35 Mínima: 631.10



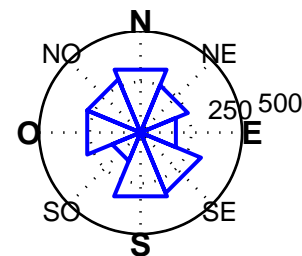
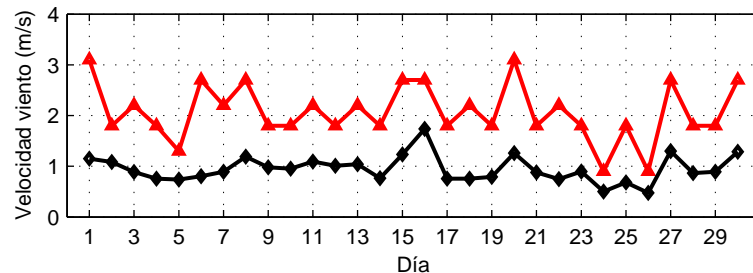
Total: 539.20 mm/mes



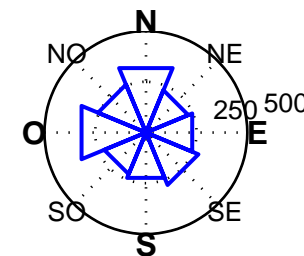
Magnitud: 43.60 (mm) Duración: 260 (min) Intensidad Media: 10.06 (mm/h)



Máxima: 3.10 Media: 0.95



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Acuaseo
Fecha: Noviembre de 2008
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/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	20.10	17.07	15.10	3.10	1.15	636.88	93.79	47.20	0.95	596.00	130.84
2	23.70	18.19	14.30	1.80	1.08	636.99	88.05	1.00	2.83	1056.00	375.24
3	24.40	18.64	15.60	2.20	0.89	636.22	88.88	4.40	2.38	1137.00	314.44
4	21.90	18.41	15.70	1.80	0.76	636.25	89.38	0.60	1.78	747.00	236.80
5	22.70	18.48	15.40	1.30	0.74	636.27	91.09	1.80	1.68	590.00	214.88
6	25.40	19.32	15.90	2.70	0.81	635.82	88.12	5.00	2.76	877.00	348.44
7	24.60	18.37	15.00	2.20	0.89	635.38	91.00	6.60	2.23	1057.00	298.31
8	24.10	18.79	16.30	2.70	1.19	636.23	87.24	5.00	2.65	1112.00	357.37
9	26.70	19.57	14.30	1.80	0.98	634.77	82.89	5.00	4.11	1097.00	538.66
10	26.60	19.85	14.20	1.80	0.95	634.32	81.74	0.40	3.64	1013.00	450.27
11	25.40	19.67	17.10	2.20	1.09	634.01	89.04	35.40	2.89	981.00	366.96
12	24.30	19.90	17.30	1.80	1.01	633.67	86.38	4.80	2.16	925.00	279.51
13	21.50	18.21	16.60	2.20	1.04	634.32	92.06	61.60	1.44	543.00	198.51
14	22.70	17.98	15.90	1.80	0.76	634.87	92.21	12.80	2.00	1153.00	261.79
15	22.90	18.03	16.00	2.70	1.23	635.24	91.07	31.20	1.93	1064.00	250.56
16	24.70	18.46	15.90	2.70	1.74	635.90	89.00	13.60	3.34	1054.00	438.33
17	22.20	17.86	16.50	1.80	0.76	635.97	93.54	7.40	1.46	1114.00	207.16
18	23.30	18.54	16.70	2.20	0.75	635.32	92.67	12.20	1.72	815.00	229.53
19	23.50	18.96	17.00	1.80	0.79	634.51	91.60	44.60	1.95	775.00	255.03
20	24.50	19.00	16.50	3.10	1.26	634.86	88.38	10.40	2.91	999.00	384.43
21	24.60	18.92	16.20	1.80	0.88	635.07	90.12	37.80	1.91	1045.00	248.73
22	23.20	19.70	16.10	2.20	0.75	634.76	89.12	18.20	1.92	1003.00	250.11
23	23.60	19.66	16.60	1.80	0.90	633.72	89.84	41.80	2.06	826.00	263.33
24	22.80	19.30	17.60	0.90	0.50	633.94	91.88	14.40	1.36	594.00	195.60
25	21.20	18.41	17.30	1.80	0.68	634.87	95.21	61.20	1.03	514.00	152.25
26	19.20	17.37	16.60	0.90	0.48	637.15	96.05	26.00	0.84	297.00	118.60
27	23.80	19.03	16.10	2.70	1.30	637.34	88.81	1.40	2.80	942.00	361.53
28	23.40	19.46	16.90	1.80	0.86	635.32	87.92	9.00	1.97	888.00	250.60
29	24.20	19.33	15.90	1.80	0.89	635.22	87.29	12.60	2.49	924.00	320.89
30	24.70	19.67	16.70	2.70	1.28	635.37	88.74	5.80	3.08	1081.00	404.51
TOTAL								539.20	66.27		
PROM	23.53	18.81	16.11	2.07	0.95	635.35	89.77			893.97	290.11

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Noviembre de 2008
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	1	1	1	2	2	0	2	1	5	47.20	9.17	38.19	240.00	33.80	8.11	36.00
2	0	0	1	2	0	0	1	2	3	1.00	0.67	2.78	30.00	0.60	0.90	2.40
3	0	1	1	3	3	0	2	0	5	4.40	1.67	6.94	50.00	3.00	3.00	12.00
4	0	0	0	3	0	2	1	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
5	0	0	0	2	0	0	2	0	2	1.80	1.50	6.25	90.00	1.40	0.84	1.20
6	0	1	1	1	0	1	2	0	3	5.00	1.50	6.25	70.00	3.80	2.85	7.20
7	0	1	1	2	1	1	2	0	4	6.60	1.50	6.25	70.00	5.60	4.20	14.40
8	1	0	0	4	1	2	0	2	5	5.00	1.17	4.86	30.00	4.00	6.00	13.20
9	0	1	0	0	1	0	0	0	1	5.00	1.00	4.17	60.00	5.00	4.29	15.60
10	0	0	0	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
11	1	1	1	0	2	0	1	0	3	35.40	4.67	19.44	190.00	28.80	8.64	48.00
12	0	1	0	1	0	0	1	1	2	4.80	1.50	6.25	60.00	4.00	3.43	6.00
13	1	1	1	2	2	0	2	1	5	61.60	9.83	40.97	260.00	43.60	9.69	68.40
14	0	1	2	5	5	0	1	2	8	12.80	4.83	20.14	130.00	8.20	3.51	12.00
15	0	3	2	2	1	0	3	3	7	31.20	8.00	33.33	160.00	10.80	3.81	7.20
16	0	1	1	2	1	1	1	1	4	13.60	5.00	20.83	150.00	9.40	3.52	15.60
17	0	1	0	2	0	2	1	0	3	7.40	2.83	11.81	110.00	6.00	3.00	7.20
18	0	2	2	0	1	2	1	0	4	12.20	3.00	12.50	70.00	5.40	4.05	14.40
19	1	3	0	1	2	0	2	1	5	44.60	5.83	24.31	160.00	15.20	5.36	22.80
20	0	0	3	2	5	0	0	0	5	10.40	4.50	18.75	210.00	8.40	2.29	6.00
21	1	1	0	0	0	0	1	1	2	37.80	3.67	15.28	70.00	27.40	20.55	82.80
22	0	1	0	3	1	0	0	3	4	18.20	3.17	13.19	140.00	17.20	6.88	27.60
23	1	0	0	2	2	1	0	0	3	41.80	4.50	18.75	250.00	41.00	9.46	31.20
24	0	1	1	4	3	3	0	0	6	14.40	4.17	17.36	130.00	10.80	4.63	30.00
25	2	1	2	3	3	2	2	1	8	61.20	7.50	31.25	130.00	28.60	12.26	44.40
26	0	2	3	2	4	2	1	0	7	26.00	9.67	40.28	230.00	9.20	2.30	4.80
27	0	0	0	2	1	1	0	0	2	1.40	1.17	4.86	90.00	1.20	0.72	1.20
28	1	0	0	2	1	0	1	1	3	9.00	1.00	4.17	50.00	8.60	8.60	37.20
29	0	1	0	1	1	0	0	1	2	12.60	3.67	15.28	210.00	12.40	3.38	10.80
30	0	1	2	3	2	0	2	2	6	5.80	2.00	8.33	40.00	2.80	3.36	12.00
MAX	2	3	3	5	5	3	3	3	8	61.60	9.83	40.97	260.00	43.60	20.55	82.80
TOTAL	10	27	25	60	46	20	32	24	122	539.20	109.50	15.21				

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