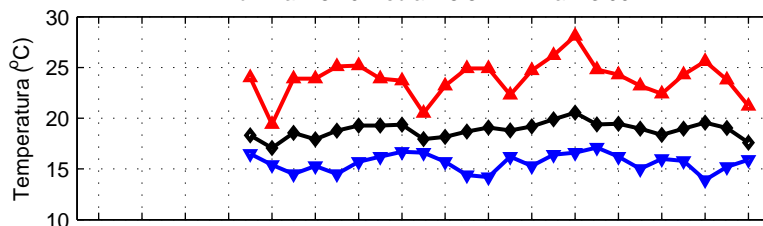


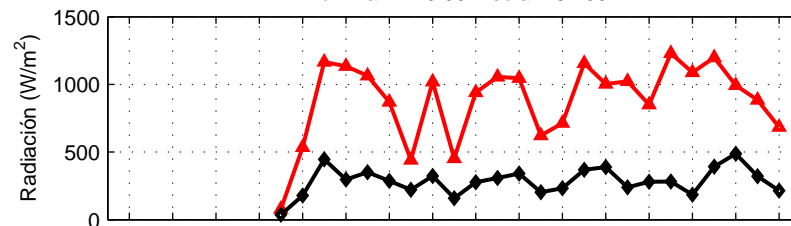
**Estación: Acuaseo**  
**Fecha: Enero de 2008**  
**Registros: 24 de 31**

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>

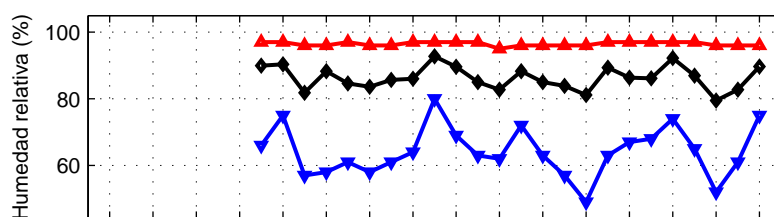
Máxima: 28.10 Media: 18.84 Mínima: 13.90



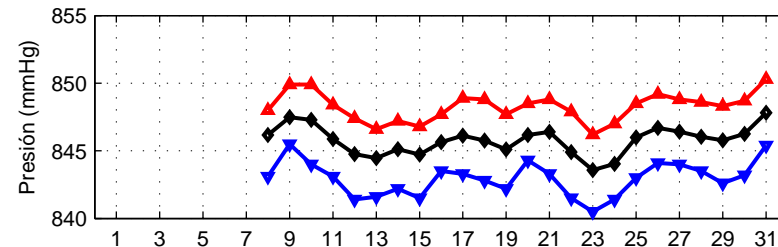
Máxima: 1229.00 Media: 284.06



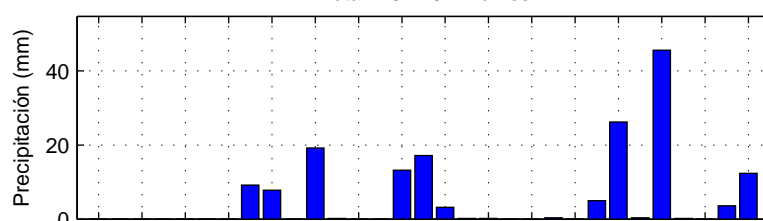
Máxima: 97.00 Media: 86.33 Mínima: 49.00



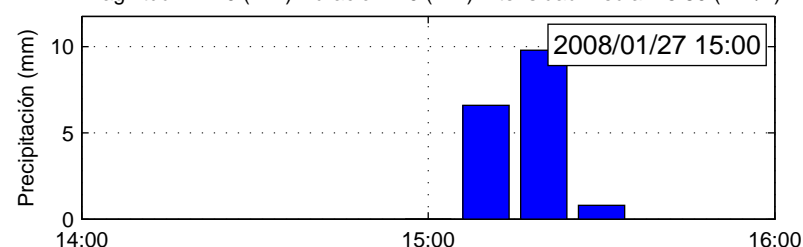
Máxima: 850.30 Media: 845.77 Mínima: 840.50



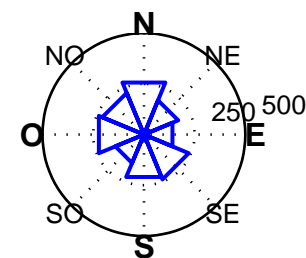
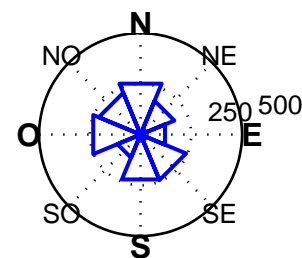
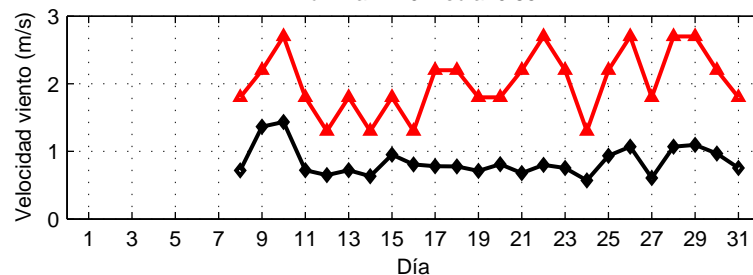
Total: 164.20 mm/mes



Magnitud: 17.20 (mm) Duración: 40 (min) Intensidad Media: 25.80 (mm/h)



Máxima: 2.70 Media: 0.85



**Estación: Acuaseo**  
**Fecha: Enero de 2008**  
**Registros: 24 de 31**

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](http://www.utp.edu.co/hidroclimatologica)

Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1											
2											
3											
4											
5											
6											
7											
8	24.00	18.31	16.50	1.80	0.72	846.17	89.96	9.20	0.11	78.00	37.22
9	19.40	17.07	15.40	2.20	1.36	847.48	90.34	7.80	1.35	534.00	178.77
10	23.90	18.55	14.50	2.70	1.43	847.29	81.80	0.00	3.54	1166.00	445.63
11	23.90	17.92	15.30	1.80	0.72	845.88	88.31	19.20	2.34	1134.00	296.71
12	25.10	18.78	14.50	1.30	0.65	844.76	84.62	0.20	2.70	1064.00	351.43
13	25.20	19.28	15.70	1.80	0.72	844.46	83.63	0.00	2.31	870.00	286.27
14	23.90	19.27	16.20	1.30	0.63	845.12	85.67	0.00	1.69	441.00	221.04
15	23.70	19.36	16.70	1.80	0.95	844.72	86.05	13.20	2.58	1019.00	322.46
16	20.50	17.93	16.60	1.30	0.81	845.64	92.78	17.20	1.22	453.00	158.96
17	23.20	18.16	15.70	2.20	0.78	846.12	89.60	3.20	2.01	941.00	276.12
18	24.90	18.68	14.40	2.20	0.78	845.75	85.05	0.20	2.42	1056.00	308.51
19	24.90	19.08	14.20	1.80	0.71	845.10	82.74	0.20	2.66	1045.00	340.65
20	22.30	18.79	16.20	1.80	0.81	846.17	88.27	0.00	1.57	622.00	203.59
21	24.70	19.20	15.30	2.20	0.68	846.39	85.03	0.00	1.88	714.00	232.76
22	26.20	19.89	16.40	2.70	0.80	844.90	83.88	0.40	2.81	1156.00	369.06
23	28.10	20.54	16.60	2.20	0.76	843.58	81.18	0.00	3.15	1003.00	388.11
24	24.80	19.38	17.10	1.30	0.57	844.03	89.38	5.00	1.83	1022.00	239.06
25	24.30	19.44	16.20	2.20	0.93	845.99	86.33	26.20	2.20	850.00	280.79
26	23.20	18.96	15.00	2.70	1.07	846.70	86.13	0.40	2.29	1229.00	281.83
27	22.40	18.36	16.00	1.80	0.61	846.42	92.22	45.60	1.38	1088.00	184.75
28	24.30	18.97	15.80	2.70	1.07	846.04	86.94	0.20	3.08	1198.00	391.17
29	25.60	19.57	13.90	2.70	1.10	845.78	79.49	0.00	3.96	993.00	487.25
30	23.80	19.03	15.20	2.20	0.97	846.25	82.76	3.60	2.62	885.00	321.21
31	21.20	17.58	15.90	1.80	0.75	847.82	89.67	12.40	1.56	685.00	214.04
TOTAL								164.20	53.26		
PROM	23.90	18.84	15.64	2.02	0.85	845.77	86.33			885.25	284.06

Cuadro 1: Resumen de análisis climatológico

**Estación: Acuaseo**  
**Fecha: Enero de 2008**  
**Registros: 24 de 31**

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](http://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																
2																
3																
4																
5																
6																
7																
8	0	1	0	1	0	0	1	1	2	9.20	1.83	7.64	100.00	8.80	4.80	12.00
9	0	1	0	2	2	0	1	0	3	7.80	1.33	5.56	70.00	7.40	5.55	25.20
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1	1	0	0	0	0	2	0	2	19.20	1.67	6.94	70.00	15.60	11.70	43.20
12	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	2	0	2	2	0	1	1	4	13.20	2.83	11.81	120.00	7.20	3.32	10.80
16	0	2	1	1	2	1	1	0	4	17.20	4.50	18.75	200.00	12.80	3.66	10.80
17	0	0	1	3	1	1	2	0	4	3.20	1.83	7.64	90.00	2.40	1.44	3.60
18	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
19	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	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	1	1	1	1	0	1	1	3	5.00	2.00	8.33	90.00	2.60	1.56	4.80
25	0	3	0	4	3	1	0	3	7	26.20	4.83	20.14	150.00	17.00	6.37	25.20
26	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
27	2	1	0	3	2	1	2	1	6	45.60	3.83	15.97	40.00	17.20	20.64	58.80
28	0	0	0	1	1	0	0	0	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	1	0	1	0	0	0	2	2	3.60	1.33	5.56	70.00	3.20	2.40	6.00
31	0	1	1	1	1	2	0	0	3	12.40	2.67	11.11	140.00	10.80	4.32	15.60
MAX	2	3	1	4	3	2	2	3	7	45.60	4.83	20.14	200.00	17.20	20.64	58.80
TOTAL	3	14	4	27	22	6	11	9	48	164.20	30.00	4.03				

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