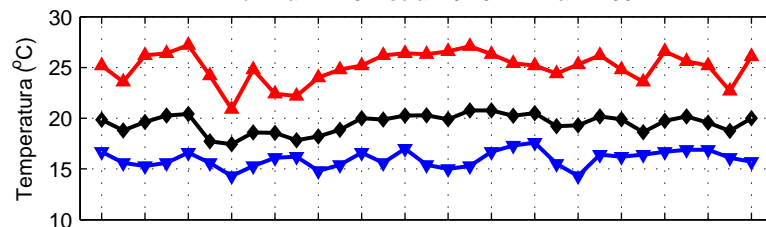


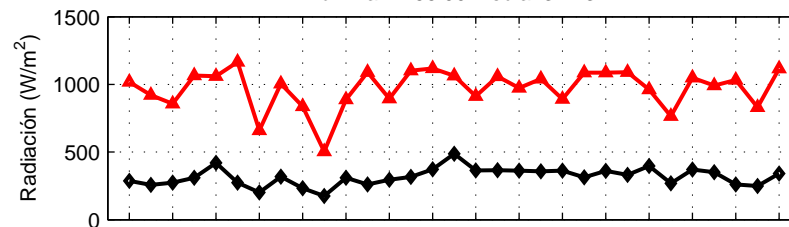
**Estación: Acuaseo**  
**Fecha: Enero de 2014**  
**Registros: 31 de 31**

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>

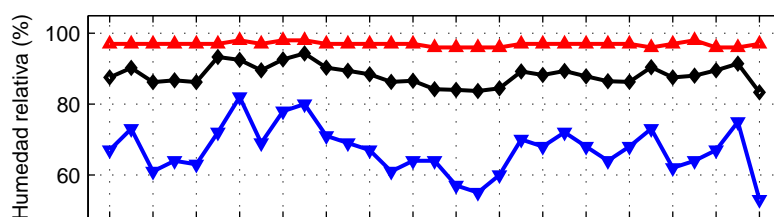
Máxima: 27.20 Media: 19.49 Mínima: 14.30



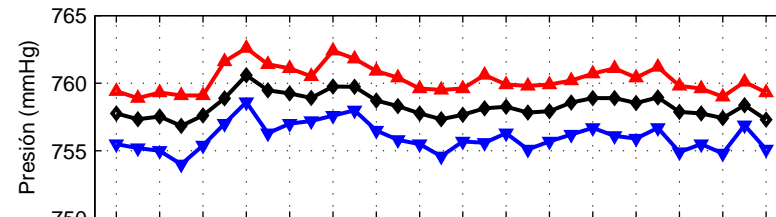
Máxima: 1166.00 Media: 317.37



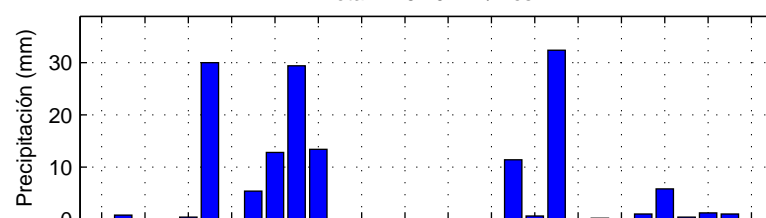
Máxima: 98.00 Media: 88.19 Mínima: 53.00



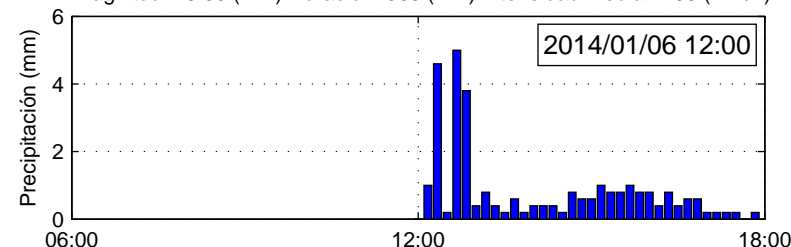
Máxima: 762.60 Media: 758.33 Mínima: 754.00



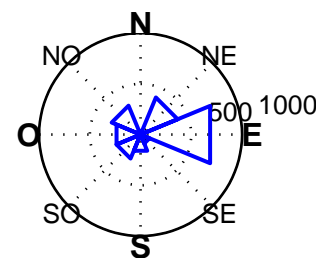
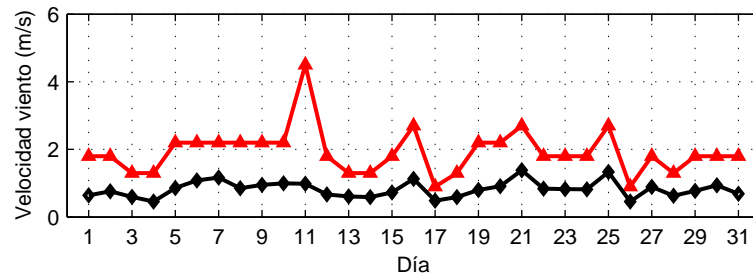
Total: 146.20 mm/mes



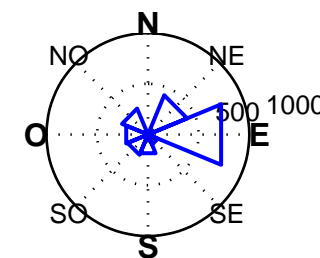
Magnitud: 29.60 (mm) Duración: 360 (min) Intensidad Media: 4.93 (mm/h)



Máxima: 4.50 Media: 0.82



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Acuaseo**  
**Fecha: Enero de 2014**  
**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](http://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	25.20	19.86	16.70	1.80	0.64	757.76	87.52	0.00	2.08	1018.00	286.61
2	23.60	18.80	15.60	1.80	0.76	757.34	90.22	0.80	1.87	921.00	257.89
3	26.20	19.63	15.30	1.30	0.59	757.53	86.22	0.00	2.05	857.00	273.59
4	26.40	20.27	15.60	1.30	0.45	756.84	86.70	0.00	2.34	1066.00	308.96
5	27.20	20.42	16.60	2.20	0.86	757.62	86.22	0.40	3.21	1060.00	419.70
6	24.20	17.73	15.60	2.20	1.08	758.88	93.30	30.00	1.66	1166.00	273.49
7	20.90	17.43	14.30	2.20	1.17	760.60	92.49	0.00	1.38	659.00	201.39
8	24.80	18.59	15.30	2.20	0.85	759.47	89.53	5.40	2.32	1005.00	317.24
9	22.40	18.56	16.10	2.20	0.95	759.24	92.58	12.80	1.60	837.00	233.24
10	22.20	17.83	16.20	2.20	0.99	758.92	94.28	29.40	1.23	503.00	175.07
11	24.00	18.20	14.80	4.50	0.98	759.74	90.27	13.40	2.34	888.00	309.28
12	24.80	18.85	15.40	1.80	0.67	759.73	89.38	0.00	1.93	1090.00	260.11
13	25.20	19.99	16.60	1.30	0.61	758.71	88.40	0.00	2.25	894.00	295.14
14	26.20	19.87	15.60	1.30	0.59	758.30	86.24	0.00	2.55	1102.00	316.53
15	26.40	20.25	17.00	1.80	0.73	757.77	86.57	0.00	2.74	1118.00	371.46
16	26.30	20.29	15.40	2.70	1.13	757.34	84.22	0.00	3.74	1064.00	486.33
17	26.60	19.89	15.00	0.90	0.48	757.66	83.99	0.00	2.81	913.00	364.66
18	27.10	20.77	15.30	1.30	0.59	758.13	83.69	0.00	2.78	1059.00	365.03
19	26.30	20.77	16.70	2.20	0.80	758.26	84.45	0.00	2.77	974.00	361.89
20	25.40	20.24	17.30	2.20	0.91	757.83	89.20	11.40	2.58	1040.00	357.03
21	25.20	20.50	17.60	2.70	1.38	757.93	88.22	0.60	2.80	891.00	362.75
22	24.40	19.21	15.50	1.80	0.84	758.57	89.35	32.40	2.26	1087.00	312.29
23	25.30	19.31	14.30	1.80	0.82	758.89	87.82	0.00	2.62	1086.00	361.22
24	26.20	20.17	16.40	1.80	0.82	758.90	86.47	0.20	2.49	1090.00	330.49
25	24.80	19.90	16.20	2.70	1.33	758.54	86.24	0.00	3.03	962.00	396.41
26	23.60	18.62	16.40	0.90	0.46	758.94	90.44	1.00	1.75	765.00	268.26
27	26.60	19.73	16.70	1.80	0.89	757.88	87.53	5.80	2.86	1049.00	371.01
28	25.60	20.18	16.90	1.30	0.63	757.77	88.02	0.40	2.62	992.00	350.65
29	25.20	19.55	16.90	1.80	0.77	757.42	89.51	1.20	1.91	1032.00	260.01
30	22.70	18.76	16.10	1.80	0.94	758.38	91.42	1.00	1.69	831.00	249.06
31	26.10	20.01	15.70	1.80	0.69	757.30	83.30	0.00	2.63	1116.00	341.59
TOTAL								146.20	72.89		
PROM	25.07	19.49	15.97	1.92	0.82	758.33	88.19			972.10	317.37

Cuadro 1: Resumen de análisis climatológico

**Estación: Acuaseo**  
**Fecha: Enero de 2014**  
**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](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	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	1	0	0	0	1	0	1	0.80	0.33	1.39	30.00	0.80	1.20	2.40
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0	0	0	2	0	0	0	2	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
6	0	1	1	0	1	0	1	0	2	30.00	5.83	24.31	360.00	29.60	4.80	30.00
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	1	0	1	0	0	2	0	2	5.40	1.00	4.17	50.00	5.00	5.00	16.80
9	0	1	0	1	1	0	1	0	2	12.80	2.33	9.72	150.00	12.60	4.72	14.40
10	1	1	2	3	3	0	4	0	7	29.40	3.17	13.19	60.00	21.40	18.34	79.20
11	1	0	0	0	0	0	1	0	1	13.40	0.83	3.47	60.00	13.40	11.49	37.20
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	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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	1	1	0	1	1	1	1	0	3	11.40	1.50	6.25	50.00	8.60	8.60	26.40
21	0	0	0	3	1	0	0	2	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
22	1	2	1	4	3	0	2	2	8	32.40	5.83	24.31	70.00	17.60	13.20	46.80
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	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0	0	1	1	2	0	0	0	2	1.00	0.50	2.08	30.00	0.80	1.20	2.40
27	0	1	1	0	0	0	1	1	2	5.80	1.50	6.25	70.00	5.00	3.75	10.80
28	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
29	0	0	1	0	0	0	1	0	1	1.20	0.50	2.08	40.00	1.20	1.44	3.60
30	0	0	1	0	0	0	1	0	1	1.00	0.50	2.08	40.00	1.00	1.20	3.60
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	2	2	4	3	1	4	2	8	32.40	5.83	24.31	360.00	29.60	18.34	79.20
TOTAL	4	8	9	19	14	1	17	7	40	146.20	25.17	3.38				

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