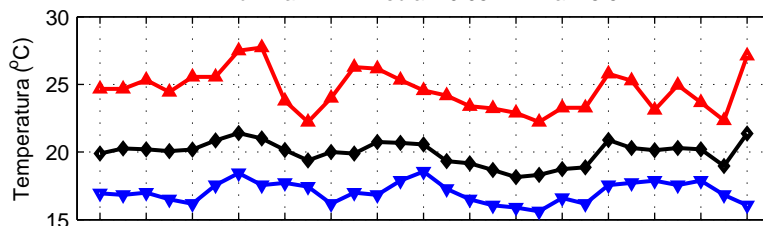


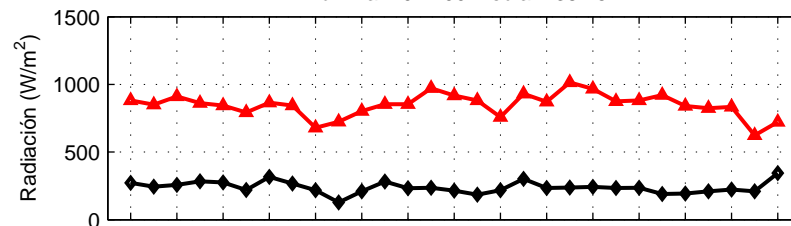
**Estación: Lago**  
**Fecha: Febrero de 2008**  
**Registros: 29 de 29**

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>

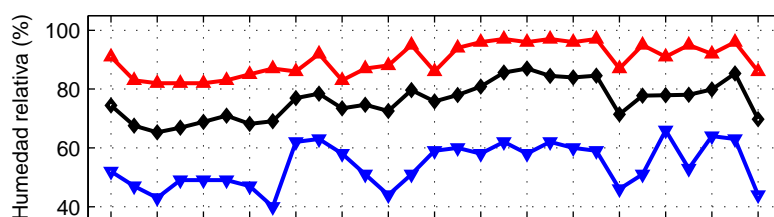
Máxima: 27.72 Media: 19.95 Mínima: 15.61



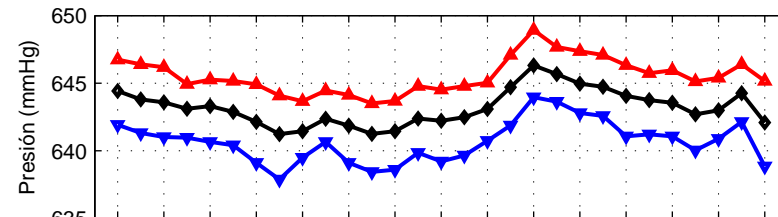
Máxima: 1014.00 Media: 238.15



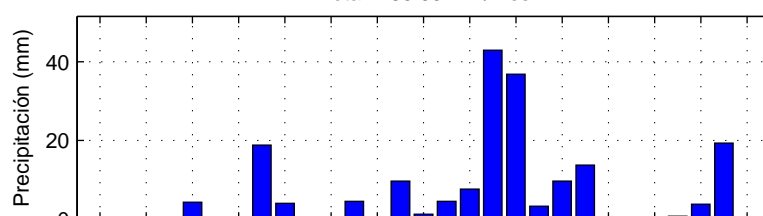
Máxima: 97.00 Media: 76.10 Mínima: 40.00



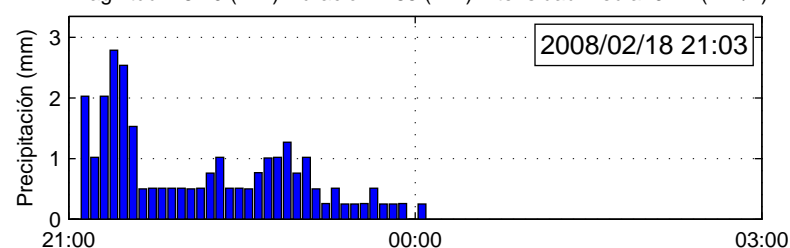
Máxima: 648.92 Media: 643.20 Mínima: 637.89



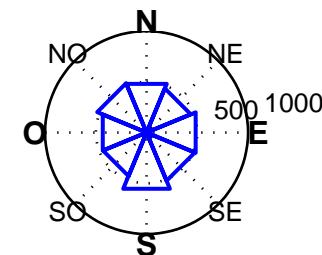
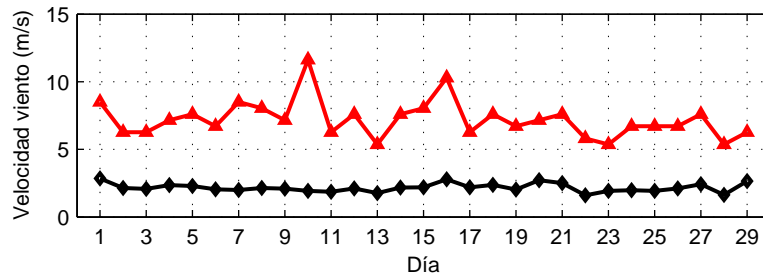
Total: 185.93 mm/mes



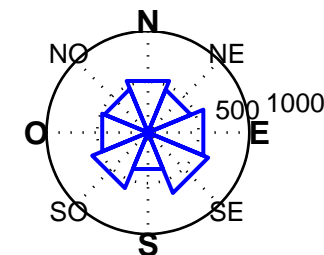
Magnitud: 28.19 (mm) Duración: 185 (min) Intensidad Media: 9.14 (mm/h)



Máxima: 11.63 Media: 2.17



Dirección del viento (Día)



Dirección del viento (Noche)



**Estación: Lago**  
**Fecha: Febrero de 2008**  
**Registros: 29 de 29**

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/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.67	19.88	16.94	8.50	2.86	644.42	74.40	0.00	26.43	882.00	272.55
2	24.67	20.27	16.83	6.26	2.14	643.80	67.52	0.00	25.91	851.00	244.04
3	25.33	20.20	17.00	6.26	2.08	643.59	65.26	0.00	26.94	911.00	256.34
4	24.44	20.06	16.50	7.16	2.36	643.10	66.88	0.00	29.73	861.00	282.67
5	25.56	20.18	16.17	7.60	2.30	643.31	68.81	4.32	29.21	844.00	275.85
6	25.56	20.86	17.56	6.71	2.05	642.87	70.94	0.00	8.79	793.00	218.54
7	27.50	21.39	18.44	8.50	1.99	642.15	68.13	0.00	3.13	865.00	316.77
8	27.72	21.01	17.56	8.05	2.14	641.24	69.08	18.80	2.85	844.00	267.69
9	23.78	20.14	17.72	7.16	2.09	641.45	76.91	4.06	2.22	680.00	217.61
10	22.22	19.37	17.44	11.63	1.93	642.36	78.45	0.00	1.37	724.00	127.04
11	24.00	20.01	16.17	6.26	1.86	641.85	73.42	0.00	2.13	803.00	208.67
12	26.28	19.89	17.00	7.60	2.11	641.25	74.65	4.57	2.69	854.00	281.20
13	26.17	20.74	16.83	5.37	1.77	641.44	72.55	0.00	2.38	854.00	232.06
14	25.33	20.68	17.89	7.60	2.18	642.39	79.62	9.65	2.14	972.00	236.40
15	24.56	20.56	18.56	8.05	2.20	642.23	75.81	1.27	2.10	918.00	213.97
16	24.17	19.33	17.28	10.29	2.79	642.48	77.95	4.57	2.01	881.00	184.43
17	23.39	19.16	16.50	6.26	2.19	643.10	80.82	7.62	1.96	758.00	217.42
18	23.22	18.68	16.06	7.60	2.37	644.70	85.59	42.93	2.13	930.00	300.98
19	22.89	18.14	15.89	6.71	2.03	646.31	87.00	36.83	1.83	872.00	234.29
20	22.22	18.31	15.61	7.16	2.71	645.67	84.51	3.30	2.06	1014.00	237.77
21	23.28	18.73	16.61	7.60	2.51	644.96	83.94	9.65	2.08	967.00	242.32
22	23.28	18.87	16.17	5.81	1.61	644.74	84.59	13.72	1.96	875.00	234.29
23	25.78	20.89	17.56	5.37	1.93	644.06	71.41	0.00	2.48	881.00	236.23
24	25.28	20.31	17.72	6.71	1.98	643.75	77.75	0.51	2.01	921.00	189.13
25	23.11	20.13	17.89	6.71	1.92	643.55	77.92	0.25	1.96	840.00	193.26
26	24.94	20.30	17.56	6.71	2.11	642.69	78.08	0.76	2.04	824.00	209.17
27	23.67	20.20	17.89	7.60	2.42	642.99	79.88	3.81	2.03	833.00	222.11
28	22.33	18.96	16.83	5.37	1.63	644.26	85.35	19.31	1.73	624.00	208.88
29	27.11	21.37	16.06	6.26	2.66	642.09	69.78	0.00	2.96	722.00	344.52
TOTAL								185.93	197.26		
PROM	24.57	19.95	17.04	7.20	2.17	643.20	76.10			848.21	238.15

Cuadro 1: Resumen de análisis climatológico

**Estación: Lago**  
**Fecha: Febrero de 2008**  
**Registros: 29 de 29**

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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	0	0	0	1	1	2	4.32	0.50	2.08	30.00	4.06	6.96	24.36
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1	0	0	0	0	0	1	0	1	18.80	0.83	3.47	60.00	18.80	17.35	82.32
9	1	0	0	0	0	0	1	0	1	4.06	0.33	1.39	30.00	4.06	6.96	24.36
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	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	1	2	0	0	0	3	0	3	4.57	0.75	3.13	50.00	4.06	4.43	18.24
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	1	2	0	1	1	1	0	3	9.65	1.58	6.60	70.00	7.62	6.10	24.36
15	0	1	0	0	0	0	1	0	1	1.27	0.17	0.69	20.00	1.27	3.05	12.24
16	0	1	4	0	0	0	2	3	5	4.57	1.33	5.56	95.00	1.77	1.06	3.12
17	0	2	0	0	0	0	0	2	2	7.62	1.67	6.94	85.00	4.07	2.71	9.12
18	1	1	2	0	2	0	0	2	4	42.93	4.75	19.79	175.00	27.94	9.31	33.48
19	0	3	2	0	3	0	1	1	5	36.83	4.83	20.14	210.00	18.80	5.25	21.36
20	0	0	6	0	5	1	0	0	6	3.30	1.08	4.51	40.00	1.02	1.36	3.12
21	0	2	0	0	1	0	1	0	2	9.65	1.67	6.94	95.00	8.13	4.88	12.24
22	0	2	3	0	3	1	1	0	5	13.72	3.33	13.89	130.00	6.60	2.93	9.24
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	0	0	0	0	1	0	1	0.51	0.08	0.35	10.00	0.51	2.04	6.12
25	0	0	1	0	0	0	1	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
26	0	1	1	0	0	0	0	2	2	0.76	0.17	0.69	10.00	0.51	2.04	6.12
27	0	2	2	0	1	0	1	2	4	3.81	0.92	3.82	20.00	1.52	3.65	9.12
28	1	2	4	0	3	2	0	2	7	19.31	2.83	11.81	55.00	9.40	9.40	30.48
29	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	3	6	0	5	2	3	3	7	42.93	4.83	20.14	210.00	27.94	17.35	82.32
TOTAL	5	20	30	0	19	5	16	15	55	185.93	26.92	3.87				

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