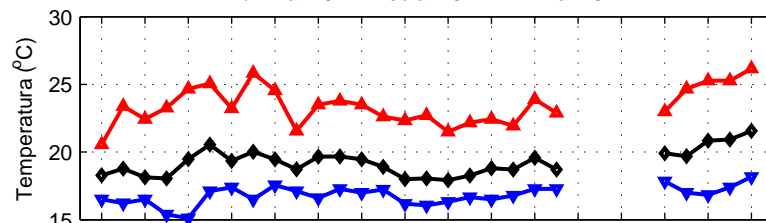


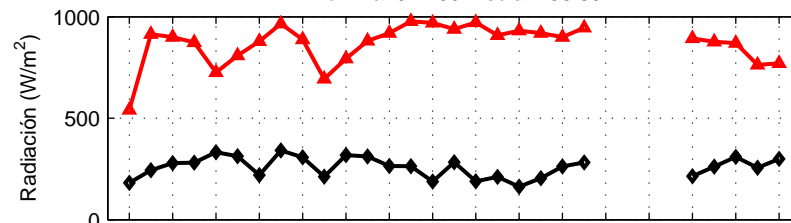
Estación: Lago
Fecha: Diciembre de 2007
Registros: 27 de 31

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>

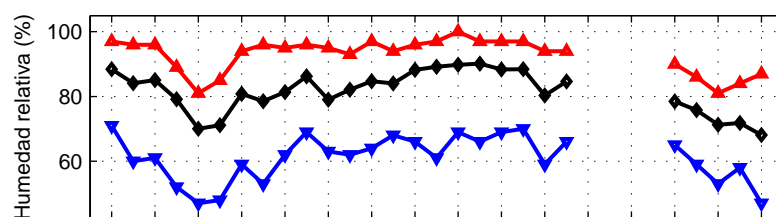
Máxima: 26.17 Media: 19.24 Mínima: 15.11



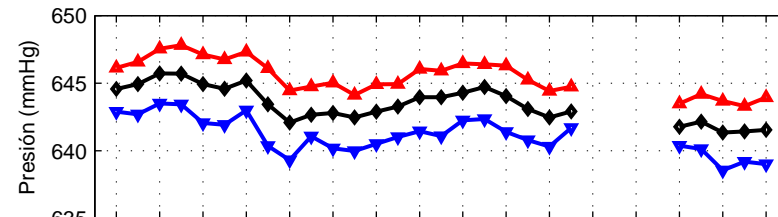
Máxima: 977.00 Media: 258.89



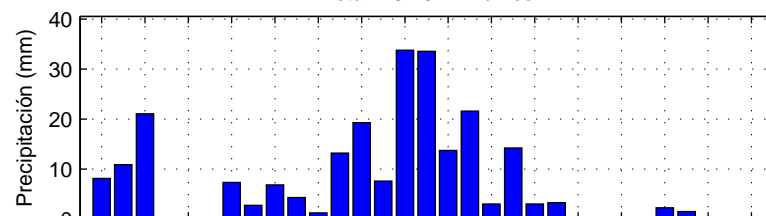
Máxima: 100.00 Media: 81.44 Mínima: 47.00



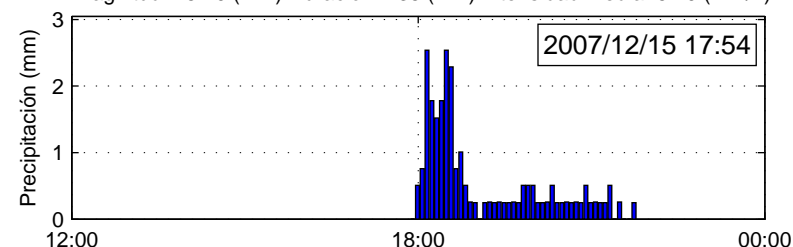
Máxima: 647.80 Media: 643.44 Mínima: 638.55



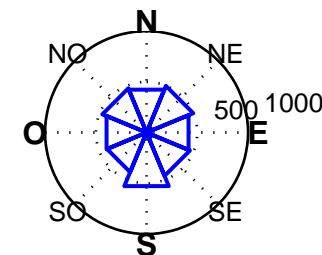
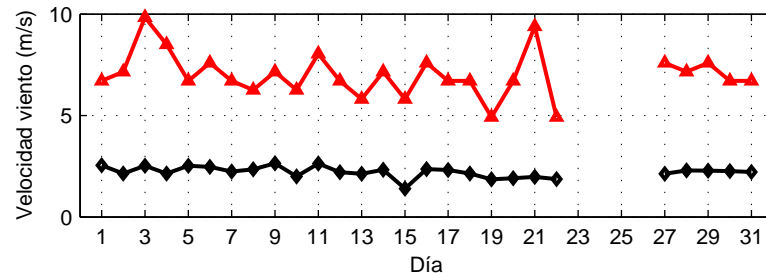
Total: 232.92 mm/mes



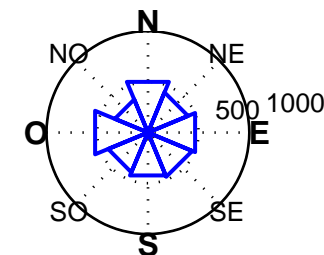
Magnitud: 25.40 (mm) Duración: 235 (min) Intensidad Media: 6.49 (mm/h)



Máxima: 9.84 Media: 2.22



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Lago
Fecha: Diciembre de 2007
Registros: 27 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

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	20.56	18.27	16.50	6.71	2.54	644.57	88.42	8.13	15.75	541.00	181.70
2	23.39	18.78	16.22	7.16	2.14	644.92	84.06	10.92	21.34	914.00	244.20
3	22.44	18.12	16.50	9.84	2.52	645.72	85.05	21.08	23.12	900.00	278.56
4	23.28	18.04	15.39	8.50	2.14	645.71	79.18	0.00	25.42	874.00	280.71
5	24.67	19.47	15.11	6.71	2.52	644.93	69.98	0.00	33.79	726.00	332.91
6	25.06	20.54	17.11	7.60	2.47	644.59	71.11	0.00	31.01	809.00	312.60
7	23.22	19.34	17.39	6.71	2.24	645.19	80.80	7.37	20.32	879.00	219.20
8	25.83	20.02	16.50	6.26	2.35	643.44	78.52	2.79	29.22	965.00	340.67
9	24.56	19.46	17.56	7.16	2.64	642.10	81.34	6.86	27.19	888.00	307.37
10	21.56	18.73	17.11	6.26	1.99	642.66	86.19	4.32	17.03	694.00	211.68
11	23.50	19.66	16.61	8.05	2.63	642.80	78.99	1.27	28.46	793.00	317.84
12	23.78	19.67	17.28	6.71	2.21	642.46	82.10	13.21	25.91	881.00	312.03
13	23.50	19.47	17.00	5.81	2.13	642.89	84.68	19.30	21.60	919.00	264.47
14	22.61	18.90	17.22	7.16	2.33	643.27	84.00	7.62	22.61	977.00	263.83
15	22.33	17.99	16.17	5.81	1.40	643.97	88.19	33.78	13.21	970.00	188.36
16	22.72	18.05	16.06	7.60	2.36	643.97	89.19	33.53	23.38	939.00	283.20
17	21.50	17.91	16.33	6.71	2.31	644.29	89.76	13.72	14.99	972.00	189.01
18	22.17	18.25	16.67	6.71	2.14	644.72	90.10	21.59	15.75	909.00	210.80
19	22.44	18.81	16.50	4.92	1.85	644.04	88.32	3.05	13.47	932.00	162.89
20	21.94	18.71	16.78	6.71	1.91	643.10	88.44	14.22	16.01	919.00	203.79
21	23.89	19.58	17.28	9.39	1.98	642.47	80.34	3.05	23.12	900.00	262.70
22	22.89	18.70	17.28	4.92	1.87	642.92	84.65	3.30	9.91	946.00	282.18
23											
24											
25											
26											
27	23.00	19.91	17.83	7.60	2.13	641.78	78.44	2.28	9.40	893.00	214.34
28	24.67	19.70	17.00	7.16	2.30	642.16	75.76	1.53	25.67	877.00	260.78
29	25.28	20.84	16.83	7.60	2.28	641.34	71.24	0.00	29.98	870.00	308.92
30	25.28	20.92	17.39	6.71	2.27	641.43	71.83	0.00	25.91	763.00	255.94
31	26.17	21.56	18.17	6.71	2.22	641.55	68.08	0.00	31.77	770.00	299.42
TOTAL								232.92	595.34		
PROM	23.42	19.24	16.81	7.01	2.22	643.44	81.44			867.41	258.89

Cuadro 1: Resumen de análisis climatológico

Estación: Lago
Fecha: Diciembre de 2007
Registros: 27 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

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	1	6	0	3	2	0	2	7	8.13	2.42	10.07	165.00	4.83	1.70	6.00
2	1	1	4	0	3	0	1	2	6	10.92	1.92	7.99	45.00	6.35	7.62	18.36
3	1	0	6	0	4	1	1	1	7	21.08	1.25	5.21	55.00	19.05	19.05	70.08
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	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	1	1	2	0	1	0	1	2	4	7.37	0.75	3.13	20.00	5.33	12.79	39.60
8	0	1	1	0	2	0	0	0	2	2.79	0.67	2.78	55.00	2.54	2.54	6.12
9	0	2	1	0	2	0	1	0	3	6.86	1.17	4.86	35.00	3.56	5.34	15.24
10	0	0	3	0	1	1	0	1	3	4.32	1.42	5.90	60.00	2.29	2.11	3.12
11	0	0	1	1	2	0	0	0	2	1.27	0.42	1.74	70.00	1.02	0.82	3.12
12	1	0	0	0	0	0	1	0	1	13.21	0.75	3.13	55.00	13.21	13.21	33.60
13	1	2	3	0	4	0	2	0	6	19.30	3.08	12.85	115.00	8.64	4.32	12.24
14	0	2	5	0	0	0	3	4	7	7.62	2.00	8.33	60.00	3.30	3.05	6.12
15	0	3	4	0	2	1	3	1	7	33.78	5.00	20.83	235.00	25.40	6.35	30.48
16	2	2	2	0	1	0	2	3	6	33.53	3.83	15.97	135.00	11.43	4.90	12.12
17	0	2	3	0	0	1	2	2	5	13.72	2.33	9.72	110.00	11.43	5.96	18.24
18	0	4	4	0	4	1	1	2	8	21.59	4.42	18.40	115.00	6.35	3.17	18.36
19	0	1	5	0	3	0	0	3	6	3.05	0.92	3.82	25.00	1.02	2.04	3.12
20	0	2	1	0	1	0	0	2	3	14.22	2.08	8.68	130.00	12.70	5.64	24.36
21	0	1	1	0	0	0	1	1	2	3.05	0.75	3.13	40.00	2.54	3.39	6.12
22	0	1	2	0	0	3	0	0	3	3.30	0.92	3.82	60.00	2.54	2.34	6.12
23																
24																
25																
26																
27	0	0	2	0	0	0	1	1	2	2.28	0.75	3.13	55.00	2.03	2.03	3.12
28	0	1	1	0	0	0	2	0	2	1.53	0.42	1.74	25.00	1.27	2.54	6.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	4	6	1	4	3	3	4	8	33.78	5.00	20.83	235.00	25.40	19.05	70.08
TOTAL	7	27	57	1	33	10	22	27	92	232.92	37.25	5.01				

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