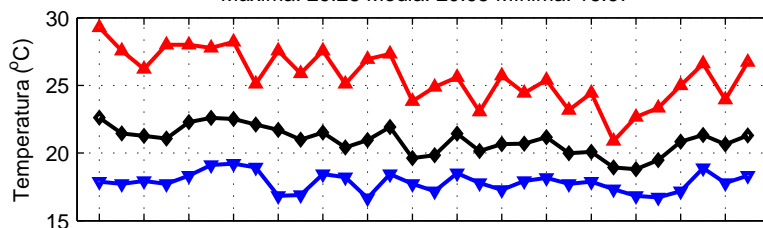


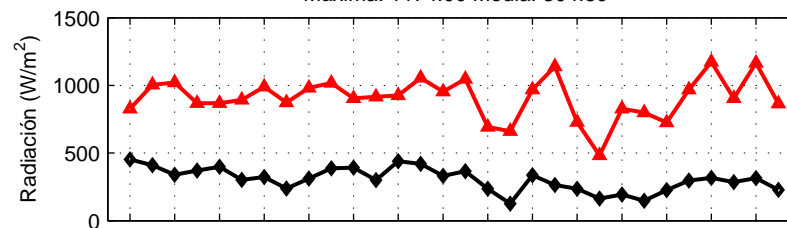
Estación: Lago
Fecha: Abril de 2014
Registros: 30 de 30

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>

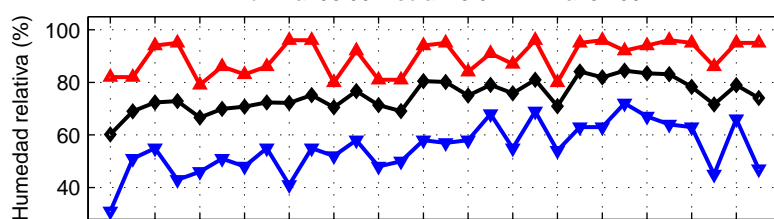
Máxima: 29.28 Media: 20.95 Mínima: 16.67



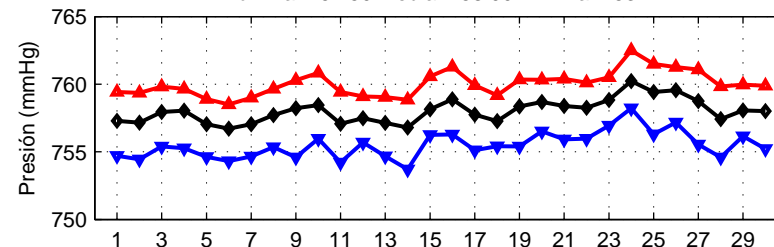
Máxima: 1174.00 Media: 304.80



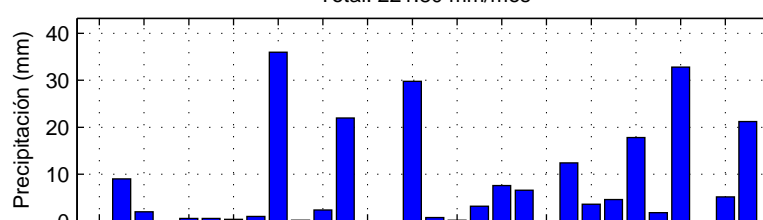
Máxima: 96.00 Media: 75.04 Mínima: 31.00



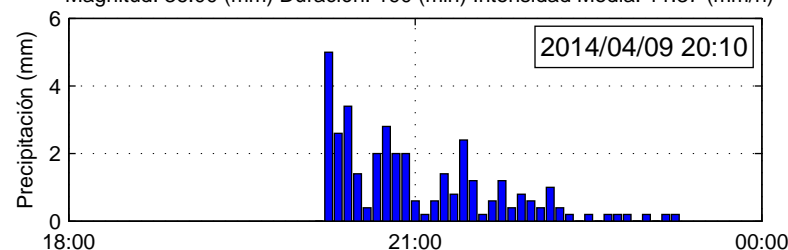
Máxima: 762.50 Media: 758.00 Mínima: 753.71



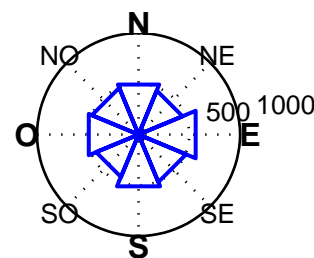
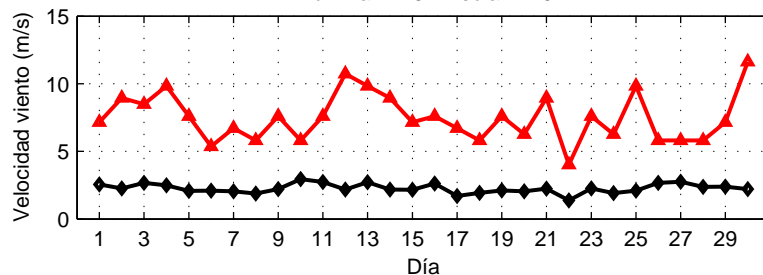
Total: 221.80 mm/mes



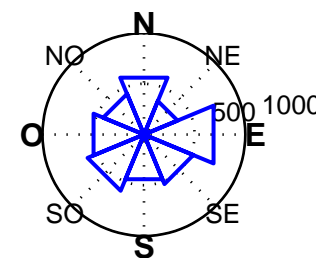
Magnitud: 36.00 (mm) Duración: 190 (min) Intensidad Media: 11.37 (mm/h)



Máxima: 11.62 Media: 2.26



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Lago
Fecha: Abril de 2014
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/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	29.28	22.61	17.89	7.15	2.56	757.28	60.18	0.00	4.62	828.00	452.82
2	27.56	21.45	17.72	8.94	2.26	757.15	68.95	9.00	3.71	1005.00	410.60
3	26.22	21.26	17.94	8.49	2.66	757.94	72.39	2.00	3.05	1021.00	339.99
4	28.00	21.07	17.72	9.83	2.48	758.03	72.85	0.00	4.12	868.00	369.95
5	28.00	22.29	18.33	7.60	2.08	757.03	66.66	0.60	3.68	868.00	398.73
6	27.78	22.60	19.11	5.36	2.09	756.71	69.92	0.60	2.80	893.00	301.37
7	28.22	22.52	19.22	6.71	2.05	757.05	70.77	0.40	2.85	990.00	323.09
8	25.11	22.11	18.94	5.81	1.88	757.71	72.36	1.00	2.26	874.00	237.37
9	27.56	21.71	16.83	7.60	2.21	758.23	72.20	36.00	2.87	981.00	311.45
10	25.89	20.99	16.89	5.81	2.95	758.45	75.18	0.20	3.35	1018.00	386.88
11	27.56	21.51	18.44	7.60	2.73	757.07	70.49	2.40	3.84	905.00	392.05
12	25.11	20.41	18.22	10.73	2.17	757.49	76.70	22.00	2.80	916.00	299.15
13	26.94	20.95	16.67	9.83	2.71	757.14	71.39	0.00	4.22	926.00	438.88
14	27.33	21.92	18.44	8.94	2.18	756.79	69.09	0.00	3.73	1055.00	419.53
15	23.83	19.62	17.72	7.15	2.16	758.14	80.45	29.80	2.52	953.00	330.64
16	24.89	19.83	17.17	7.60	2.61	758.89	80.11	0.80	2.97	1048.00	366.24
17	25.61	21.43	18.50	6.71	1.71	757.75	75.01	0.20	2.08	693.00	236.57
18	23.06	20.15	17.78	5.81	1.93	757.26	79.06	3.20	1.22	661.00	126.13
19	25.72	20.67	17.28	7.60	2.12	758.36	75.81	7.60	2.97	969.00	336.01
20	24.44	20.70	17.94	6.26	2.04	758.68	81.01	6.60	2.11	1139.00	263.51
21	25.39	21.18	18.17	8.94	2.24	758.38	70.92	0.00	2.34	728.00	234.97
22	23.17	19.99	17.72	4.02	1.37	758.25	84.09	12.40	1.32	483.00	163.16
23	24.44	20.08	17.89	7.60	2.26	758.82	81.89	3.60	1.85	828.00	192.98
24	20.89	18.94	17.33	6.26	1.91	760.23	84.44	4.60	1.17	800.00	147.54
25	22.67	18.80	16.83	9.83	2.10	759.43	83.44	17.80	0.66	726.00	225.45
26	23.33	19.48	16.72	5.81	2.68	759.55	83.08	1.80	2.36	969.00	296.24
27	25.00	20.84	17.17	5.81	2.76	758.75	78.24	32.80	2.72	1174.00	316.47
28	26.61	21.33	18.89	5.81	2.37	757.41	71.56	0.00	2.67	905.00	284.93
29	23.94	20.64	17.78	7.15	2.38	758.07	78.92	5.20	2.56	1165.00	314.07
30	26.72	21.29	18.33	11.62	2.21	758.02	74.02	21.20	2.21	865.00	227.18
TOTAL								221.80	81.63		
PROM	25.68	20.95	17.85	7.48	2.26	758.00	75.04			908.47	304.80

Cuadro 1: Resumen de análisis climatológico

Estación: Lago
Fecha: Abril de 2014
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1	2	0	0	0	0	3	0	3	9.00	0.83	3.47	25.00	4.60	9.20	24.00
3	0	1	0	0	0	0	1	0	1	2.00	0.25	1.04	20.00	2.00	4.80	12.00
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	1	0	0	0	0	1	0	1	0.60	0.08	0.35	10.00	0.60	2.40	7.20
6	0	1	0	0	0	0	0	1	1	0.60	0.08	0.35	10.00	0.60	2.40	7.20
7	0	0	1	0	0	1	0	0	1	0.40	0.17	0.69	15.00	0.40	1.20	2.40
8	0	0	1	0	1	0	0	0	1	1.00	0.42	1.74	30.00	1.00	1.71	2.40
9	1	0	0	0	0	0	0	1	1	36.00	2.75	11.46	190.00	36.00	11.08	60.00
10	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
11	0	1	0	0	0	0	1	0	1	2.40	0.42	1.74	35.00	2.40	3.60	12.00
12	1	0	1	0	0	0	1	1	2	22.00	1.25	5.21	75.00	21.80	16.35	48.00
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	1	0	0	0	0	0	1	0	1	29.80	2.67	11.11	200.00	29.80	8.72	93.60
16	0	0	1	0	0	0	1	0	1	0.80	0.25	1.04	30.00	0.80	1.37	4.80
17	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
18	0	1	1	0	0	1	1	0	2	3.20	1.00	4.17	40.00	1.80	2.40	4.80
19	1	0	6	0	1	1	1	4	7	7.60	0.92	3.82	20.00	5.60	13.44	36.00
20	0	1	3	1	4	0	1	0	5	6.60	1.75	7.29	110.00	5.60	2.92	16.80
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	1	4	0	2	3	0	0	5	12.40	3.42	14.24	195.00	10.00	3.00	12.00
23	0	0	3	0	0	0	3	0	3	3.60	1.00	4.17	70.00	2.40	1.92	4.80
24	0	0	4	0	1	3	0	0	4	4.60	1.92	7.99	200.00	4.00	1.17	2.40
25	1	1	2	0	0	0	0	4	4	17.80	1.33	5.56	45.00	15.60	18.72	64.80
26	0	0	3	0	1	0	2	0	3	1.80	0.75	3.13	70.00	1.40	1.12	2.40
27	1	0	0	0	1	0	0	0	1	32.80	2.33	9.72	145.00	32.80	13.12	43.20
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	0	2	0	1	1	0	0	2	5.20	2.00	8.33	180.00	5.00	1.62	4.80
30	1	0	1	0	0	0	0	2	2	21.20	1.08	4.51	65.00	21.00	18.00	64.80
MAX	1	2	6	1	4	3	3	4	7	36.00	3.42	14.24	200.00	36.00	18.72	93.60
TOTAL	8	10	35	1	13	11	17	13	54	221.80	26.83	3.73				

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