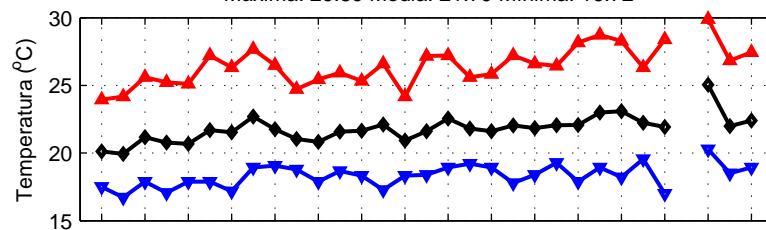


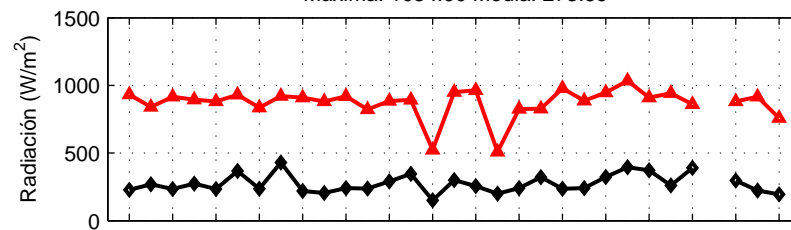
Estación: Lago
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Víctor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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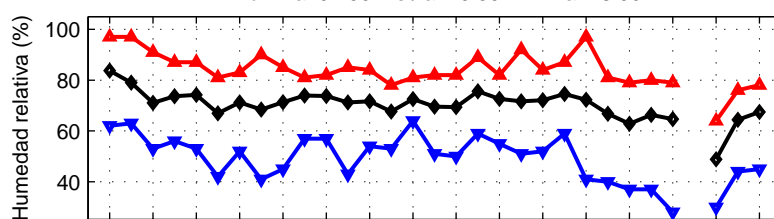
Máxima: 29.89 Media: 21.79 Mínima: 16.72



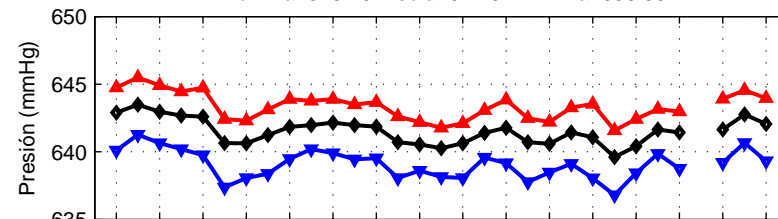
Máxima: 1034.00 Media: 273.59



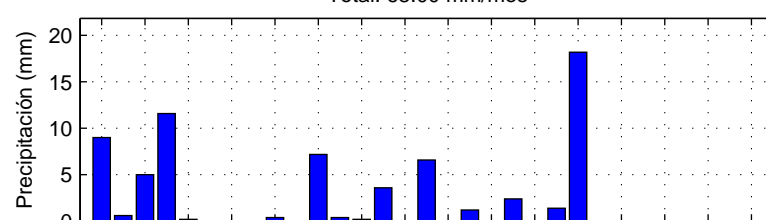
Máxima: 97.00 Media: 70.30 Mínima: 28.00



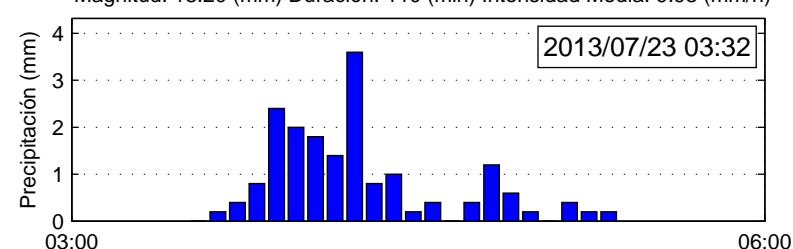
Máxima: 645.49 Media: 641.52 Mínima: 636.80



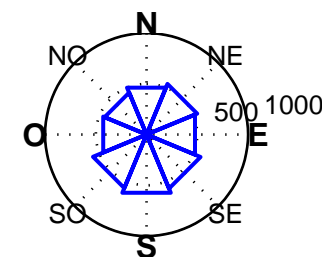
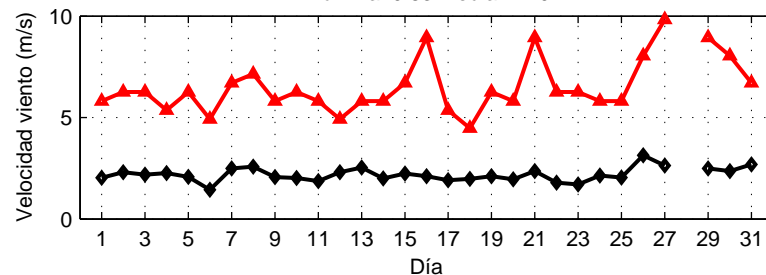
Total: 68.00 mm/mes



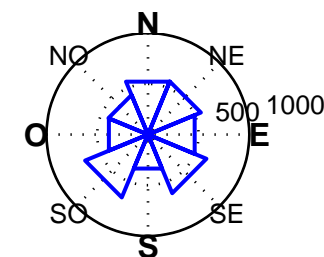
Magnitud: 18.20 (mm) Duración: 110 (min) Intensidad Media: 9.93 (mm/h)



Máxima: 9.83 Media: 2.19



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Lago
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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.94	20.12	17.50	5.81	2.04	642.90	83.71	9.00	1.68	933.00	227.36
2	24.17	19.94	16.72	6.26	2.30	643.49	79.04	0.60	2.39	840.00	268.92
3	25.61	21.16	17.89	6.26	2.18	642.96	71.05	5.00	2.33	916.00	234.55
4	25.22	20.77	17.06	5.36	2.27	642.68	73.69	11.60	2.37	895.00	273.93
5	25.11	20.68	17.89	6.26	2.07	642.59	74.15	0.20	2.15	882.00	233.68
6	27.22	21.69	17.89	4.92	1.44	640.64	66.95	0.00	3.28	930.00	367.84
7	26.33	21.52	17.17	6.71	2.49	640.63	71.18	0.00	2.41	835.00	235.63
8	27.67	22.69	18.94	7.15	2.58	641.24	68.44	0.00	3.96	921.00	429.07
9	26.50	21.76	19.06	5.81	2.07	641.84	71.27	0.40	2.24	909.00	218.89
10	24.72	21.04	18.78	6.26	2.02	641.98	73.90	0.00	2.01	882.00	204.80
11	25.44	20.83	17.89	5.81	1.87	642.15	73.74	7.20	2.31	919.00	240.62
12	25.94	21.58	18.67	4.92	2.31	641.98	71.25	0.40	2.31	823.00	237.88
13	25.33	21.64	18.33	5.81	2.54	641.87	71.64	0.20	2.59	884.00	289.36
14	26.61	22.10	17.28	5.81	2.00	640.71	67.66	3.60	3.30	893.00	346.43
15	24.17	20.92	18.33	6.71	2.24	640.55	72.51	0.00	1.58	524.00	150.91
16	27.17	21.61	18.39	8.94	2.11	640.27	69.57	6.60	2.82	951.00	300.28
17	27.22	22.55	18.94	5.36	1.91	640.62	69.34	0.00	2.46	963.00	255.45
18	25.61	21.81	19.22	4.47	1.98	641.41	75.56	1.20	1.75	508.00	199.40
19	25.83	21.61	18.94	6.26	2.10	641.77	72.63	0.00	2.19	826.00	240.77
20	27.22	22.04	17.78	5.81	1.95	640.71	71.67	2.40	2.87	828.00	321.77
21	26.61	21.85	18.39	8.94	2.37	640.59	72.10	0.00	2.34	979.00	235.46
22	26.44	22.05	19.28	6.26	1.80	641.43	74.53	1.40	2.21	886.00	241.05
23	28.17	22.08	17.89	6.26	1.71	641.07	72.24	18.20	2.83	947.00	323.01
24	28.72	22.99	18.94	5.81	2.15	639.61	66.74	0.00	3.53	1034.00	395.76
25	28.28	23.09	18.22	5.81	2.04	640.42	62.80	0.00	3.61	909.00	371.49
26	26.33	22.23	19.56	8.05	3.13	641.65	66.32	0.00	2.92	942.00	259.80
27	28.39	21.93	17.00	9.83	2.63	641.43	64.66	0.00	3.41	860.00	389.96
28											
29	29.89	25.05	20.28	8.94	2.49	641.65	48.82	0.00	2.78	882.00	296.54
30	26.83	22.00	18.50	8.05	2.36	642.76	64.40	0.00	2.41	916.00	223.13
31	27.44	22.39	18.94	6.71	2.69	642.05	67.48	0.00	2.11	759.00	194.08
TOTAL								68.00	77.15		
PROM	26.47	21.79	18.32	6.51	2.19	641.52	70.30			872.53	273.59

Cuadro 1: Resumen de análisis climatológico

Estación: Lago
Fecha: Julio de 2013
Registros: 30 de 31

Red Hidroclimatológica del Departamento de Risaralda
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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	1	0	2	0	0	0	2	1	3	9.00	1.25	5.21	55.00	7.60	7.60	21.60
2	0	0	1	1	0	0	2	0	2	0.60	0.25	1.04	25.00	0.40	0.80	2.40
3	1	0	0	0	0	0	0	1	1	5.00	0.42	1.74	30.00	5.00	8.57	16.80
4	1	0	0	0	0	0	1	0	1	11.60	0.92	3.82	75.00	11.60	8.70	26.40
5	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	0	1	0	0	1	0	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
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	0	0	0	0	0	1	0	1	7.20	0.67	2.78	45.00	7.20	8.64	26.40
12	0	0	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
13	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
14	1	0	1	0	0	0	2	0	2	3.60	0.42	1.74	25.00	3.40	6.80	21.60
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	1	0	0	0	0	1	0	1	6.60	0.92	3.82	70.00	6.60	5.28	12.00
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	1	1	0	1	0	1	0	2	1.20	0.25	1.04	15.00	1.00	3.00	9.60
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	0	2	1	0	2	1	0	0	3	2.40	0.42	1.74	35.00	1.60	2.40	14.40
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	1	0	0	0	1	1	2	1.40	0.25	1.04	15.00	1.20	3.60	9.60
23	1	0	0	0	1	0	0	0	1	18.20	1.58	6.60	110.00	18.20	9.50	43.20
24	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28																
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	1	2	2	1	2	1	2	1	3	18.20	1.58	6.60	110.00	18.20	9.50	43.20
TOTAL	6	5	11	1	5	3	11	4	23	68.00	7.67	1.03				

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