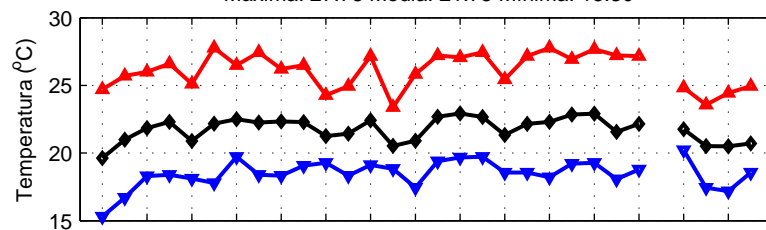


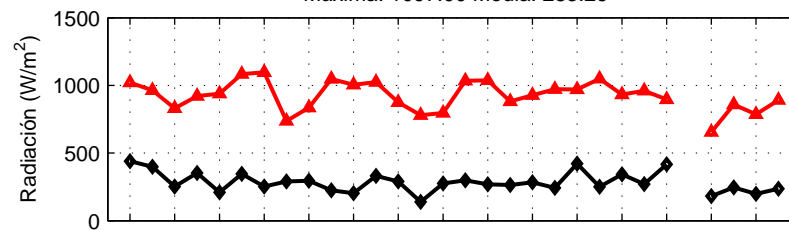
Estación: Lago
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Red Hidroclimatológica del Departamento de Risaralda
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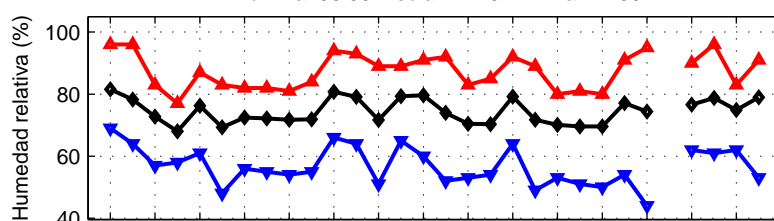
Máxima: 27.78 Media: 21.75 Mínima: 15.30



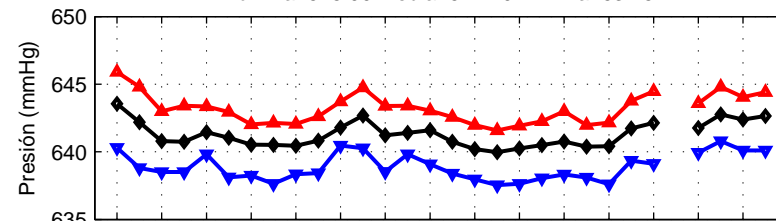
Máxima: 1097.00 Media: 283.26



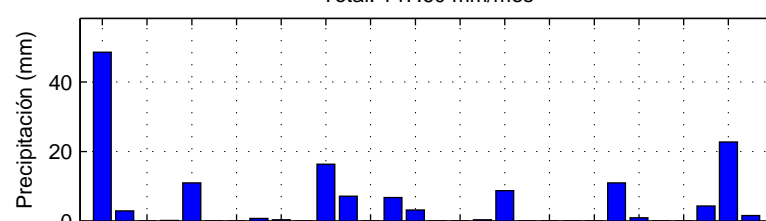
Máxima: 96.00 Media: 74.49 Mínima: 44.00



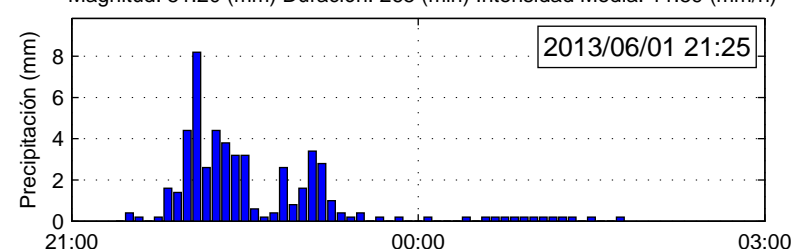
Máxima: 645.90 Media: 641.29 Mínima: 637.54



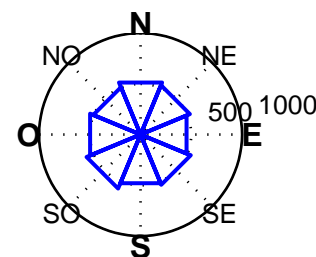
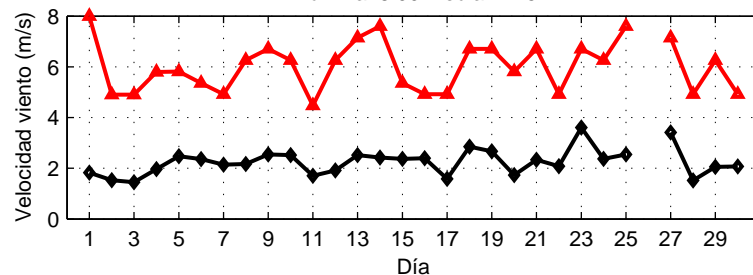
Total: 147.60 mm/mes



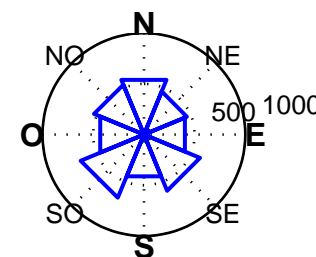
Magnitud: 51.20 (mm) Duración: 265 (min) Intensidad Media: 11.59 (mm/h)



Máxima: 8.00 Media: 2.25



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	24.70	19.62	15.30	8.00	1.83	643.55	81.56	48.60	3.49	1021.00	439.34
2	25.70	20.99	16.70	4.90	1.53	642.18	78.25	3.00	3.38	963.00	398.64
3	26.00	21.85	18.30	4.90	1.45	640.79	72.75	0.00	2.56	831.00	251.86
4	26.60	22.30	18.40	5.80	1.96	640.74	67.98	0.20	3.39	921.00	353.03
5	25.11	20.90	18.11	5.81	2.48	641.45	76.21	11.00	2.11	939.00	208.71
6	27.78	22.16	17.78	5.36	2.36	641.03	69.26	0.00	3.23	1083.00	345.94
7	26.50	22.50	19.72	4.92	2.14	640.53	72.42	0.00	2.44	1097.00	252.91
8	27.44	22.26	18.39	6.26	2.17	640.50	72.12	0.80	2.62	737.00	289.61
9	26.22	22.34	18.33	6.71	2.55	640.44	71.74	0.40	2.74	835.00	294.93
10	26.50	22.29	19.06	6.26	2.52	640.82	71.90	0.00	2.06	1048.00	224.55
11	24.28	21.26	19.28	4.47	1.71	641.80	80.72	16.40	1.75	1004.00	202.48
12	24.94	21.44	18.33	6.26	1.92	642.69	79.13	7.20	2.77	1025.00	331.62
13	27.17	22.42	19.11	7.15	2.52	641.22	71.65	0.00	2.72	875.00	289.99
14	23.39	20.52	18.83	7.60	2.42	641.40	79.35	6.80	1.37	780.00	139.11
15	25.83	20.91	17.44	5.36	2.37	641.59	79.60	3.20	2.46	796.00	275.09
16	27.22	22.68	19.39	4.92	2.40	640.74	73.95	0.00	2.85	1034.00	297.90
17	27.06	22.93	19.67	4.92	1.58	640.19	70.46	0.00	2.62	1037.00	268.18
18	27.44	22.66	19.72	6.71	2.85	639.96	70.33	0.40	2.72	882.00	263.23
19	25.44	21.33	18.56	6.71	2.67	640.25	79.16	8.80	4.72	928.00	283.20
20	27.17	22.16	18.56	5.81	1.73	640.50	71.76	0.00	2.31	972.00	241.75
21	27.78	22.30	18.22	6.71	2.33	640.76	70.06	0.00	3.84	970.00	421.31
22	26.94	22.84	19.22	4.92	2.08	640.38	69.60	0.00	2.52	1049.00	250.66
23	27.67	22.92	19.28	6.71	3.60	640.41	69.55	0.00	3.35	933.00	342.78
24	27.22	21.57	18.06	6.26	2.37	641.73	77.11	11.00	2.36	960.00	270.72
25	27.17	22.15	18.78	7.60	2.54	642.14	74.36	1.00	3.79	896.00	416.04
26											
27	24.83	21.76	20.22	7.15	3.42	641.77	76.63	0.00	1.75	654.00	182.23
28	23.56	20.51	17.44	4.92	1.52	642.77	78.72	4.40	1.99	858.00	245.43
29	24.44	20.49	17.17	6.26	2.06	642.38	74.89	22.80	1.96	786.00	198.32
30	24.94	20.71	18.56	4.92	2.07	642.65	78.99	1.60	2.16	891.00	235.06
TOTAL								147.60	78.03		
PROM	26.10	21.75	18.48	6.01	2.25	641.29	74.49			924.31	283.26

Cuadro 1: Resumen de análisis climatológico

Estación: Lago
Fecha: Junio de 2013
Registros: 29 de 30

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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	1	0	0	0	1	1	2	48.60	2.25	9.38	150.00	48.40	18.74	98.40
2	0	0	2	0	2	0	0	0	2	3.00	1.25	5.21	110.00	2.80	1.46	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	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
5	0	1	1	0	0	0	2	0	2	11.00	1.42	5.90	95.00	10.40	6.24	16.80
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	1	0	0	0	0	1	0	1	0.80	0.17	0.69	15.00	0.80	2.40	4.80
9	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	20.00	0.40	0.96	2.40
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	1	2	0	1	1	1	1	4	16.40	2.83	11.81	80.00	8.20	5.79	16.80
12	0	0	1	0	1	0	0	0	1	7.20	2.67	11.11	265.00	7.20	1.60	4.80
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	0	0	3	0	3	6.80	1.25	5.21	85.00	5.80	3.87	14.40
15	1	0	0	0	0	0	1	0	1	3.20	0.33	1.39	25.00	3.20	6.40	16.80
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	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
19	0	4	2	0	4	0	0	2	6	8.80	2.33	9.72	60.00	2.80	2.58	4.80
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	1	0	1	1	1	0	3	11.00	1.67	6.94	105.00	9.40	5.13	36.00
25	0	0	2	0	2	0	0	0	2	1.00	0.42	1.74	40.00	0.80	1.07	2.40
26																
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	0	1	1	0	2	0	0	0	2	4.40	1.25	5.21	95.00	3.60	2.16	9.60
29	1	0	1	0	0	0	2	0	2	22.80	1.08	4.51	60.00	22.40	20.68	88.80
30	0	0	3	0	0	0	0	3	3	1.60	0.50	2.08	20.00	0.80	1.92	4.80
MAX	1	4	3	0	4	1	3	3	6	48.60	2.83	11.81	265.00	48.40	20.68	98.40
TOTAL	4	11	22	0	13	2	14	8	37	147.60	19.75	2.74				

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