

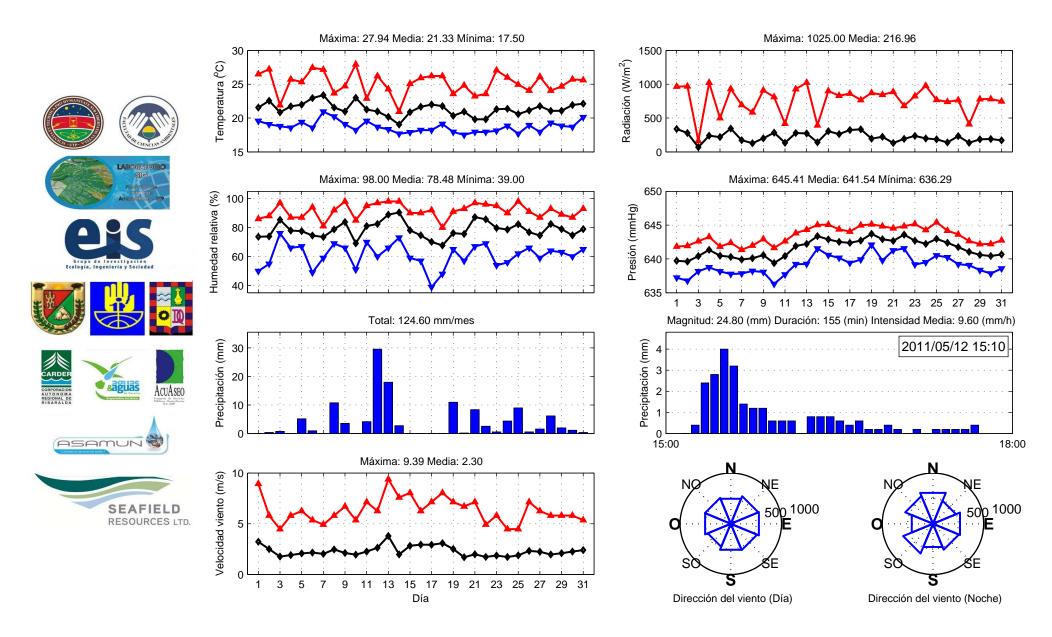
Estación: Lago Fecha: Mayo de 2011 Registros: 31 de 31

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.

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	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)			
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	26.50	21.55	19.56	8.94	3.23	639.72	73.61	0.00	3.35	965.00	337.74
2	27.22	22.55	19.06	5.81	2.50	639.61	73.90	0.40	2.72	969.00	279.06
3	21.89	20.85	18.78	4.47	1.77	640.42	85.39	0.80	0.76	160.00	68.20
4	25.72	21.73	18.56	5.81	1.91	641.33	77.93	0.00	2.29	1023.00	239.15
5	25.33	21.98	19.39	6.26	2.07	640.48	77.54	5.20	2.06	499.00	217.24
6	27.44	22.95	18.56	5.36	2.17	640.30	74.50	1.00	3.28	930.00	344.07
7	27.17	23.38	20.94	4.92	2.03	639.90	73.53	0.00	1.78	693.00	171.94
8	23.67	21.55	20.22	5.81	2.47	640.11	78.77	10.80	1.35	584.00	128.08
9	24.72	20.96	19.06	6.71	2.12	640.56	83.80	3.60	1.75	909.00	199.69
10	27.94	22.99	18.22	5.36	1.96	639.37	69.10	0.00	2.77	810.00	283.22
11	22.89	21.26	19.56	7.15	2.26	640.43	81.05	4.20	1.40	417.00	133.13
12	26.22	20.98	18.67	6.26	2.64	641.91	82.48	29.60	2.26	928.00	278.52
13	24.28	20.16	18.33	9.39	3.79	642.22	88.91	18.00	2.26	1025.00	271.19
14	20.94	19.03	17.67	7.60	1.98	643.37	90.45	2.80	1.07	392.00	140.35
15	25.06	20.87	17.89	8.05	2.83	642.87	78.11	0.00	2.87	900.00	305.52
16	25.94	21.66	18.22	6.26	2.94	642.51	74.66	0.00	2.52	831.00	262.47
17	26.22	21.99	18.22	7.15	2.93	642.37	70.12	0.00	3.10	861.00	323.66
18	26.22	21.76	19.11	8.05	3.08	642.71	67.65	0.00	3.43	766.00	333.41
19	23.56	20.33	17.94	7.15	2.52	643.70	76.18	11.00	1.91	872.00	195.05
20	24.83	20.95	17.50	6.71	1.70	642.91	75.60	0.20	2.13	844.00	221.84
21	23.22	19.81	17.94	7.15	1.99	642.67	87.20	8.40	1.25	886.00	131.07
22	23.56	19.80	17.94	4.92	1.74	643.59	85.64	2.60	1.70	680.00	192.22
23	27.06	21.31	18.11	5.81	1.87	642.70	79.66	0.60	2.24	824.00	235.94
24	26.00	21.37	18.83	4.47	1.72	642.21	78.59	4.40	1.91	976.00	197.79
25	24.94	20.59	17.67	4.47	1.89	642.95	82.31	9.00	1.78	768.00	184.21
26	24.06	21.12	18.94	7.15	2.32	642.39	76.81	0.60	1.60	740.00	138.87
27	26.11	21.76	17.94	6.26	2.24	641.74	74.58	1.60	2.39	765.00	232.96
28	24.06	21.05	19.28	5.81	1.97	641.04	82.46	6.20	1.25	408.00	134.46
29	24.67	21.07	18.83	5.81	2.10	640.60	78.90	2.00	1.78	780.00	185.06
30	25.72	21.92	18.67	5.81	2.26	640.43	74.61	1.20	2.03	782.00	189.17
31	25.61	22.12	20.11	5.36	2.41	640.66	78.97	0.40	1.73	747.00	170.36
TOTAL								124.60	64.72		
PROM	25.12	21.33	18.70	6.33	2.30	641.54	78.48			765.61	216.96

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por			Lluvias por				PT	DP		DM	MM	IMM	IM5		
Día	F	inten		LL	MA	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1		M	L		Md 0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0	0	0	0		0	0		0		I	0.00				0.00
2	0	0	1	0	0	0	0	1	1	0.40	0.08		10.00	0.40	1.60	4.80
3	0	0	3	0	0	0	1	2	3	0.80	0.33	1.39	20.00	0.40	0.96	2.40
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	1	0	0	0	2	0	2	5.20	0.67	2.78	45.00	5.00	6.00	31.20
6	0	0	2	1	3	0	0	0	3	1.00	0.33	1.39	10.00	0.40	1.60	4.80
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	2	0	0	1	2	0	3	10.80	1.67	6.94	100.00	9.20	5.26	26.40
9	0	1	1	1	1	1	1	0	3	3.60	1.08	4.51	65.00	3.00	2.57	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	0	1	0	0	0	1	0	0	1	4.20	0.42	1.74	35.00	4.20	6.30	24.00
12	1	0	5	0	0	0	1	5	6	29.60	4.25	17.71	155.00	24.80	9.30	48.00
13	1	2	5	0	1	1	2	4	8	18.00	4.00	16.67	25.00	5.60	11.20	38.40
14	0	0	2	2	1	2	1	0	4	2.80	1.17	4.86	105.00	1.60	0.87	2.40
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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1	0	0	0	0	0	1	0	1	11.00	1.17	4.86	75.00	11.00	8.25	21.60
20	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
21	1	0	2	0	0	0	3	0	3	8.40	1.42	5.90	35.00	4.80	7.20	16.80
22	0	0	3	1	3	0	1	0	4	2.60	1.08	4.51	45.00	1.00	1.20	2.40
23	0	0	1	1	0	1	0	1	2	0.60	0.25	1.04	30.00	0.40	0.69	2.40
24	0	0	4	0	0	1	3	0	4	4.40	1.33	5.56	65.00	2.60	2.23	7.20
25	0	1	3	1	3	1	1	0	5	9.00	1.42	5.90	65.00	7.80	6.69	24.00
26	0	0	0	1	0	0	1	0	1	0.60	0.25	1.04	45.00	0.60	0.72	2.40
27	0	1	1	0	0	0	2	0	2	1.60	0.42	1.74	15.00	0.80	2.40	4.80
28	1	0	1	0	0	1	1	0	2	6.20	0.75	3.13	45.00	6.00	7.20	24.00
29	0	1	1	0	0	0	2	0	2	2.00	0.58	2.43	35.00	1.80	2.70	7.20
30	0	1	0	0	0	0	1	0	1	1.20	0.33	1.39	25.00	1.20	2.40	4.80
31	0	0	2	0	0	0	2	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
MAX	1	2	5	2	3	2	3	5	8	29.60	4.25	17.71	155.00	24.80	11.20	48.00
TOTAL	5	10	41	8	12	10	29	13	64	124.60	23.25	3.12				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
M	Moderada	$2.5 \text{ (mm/h)} < \text{intensidad} \le 7.6 \text{ (mm/h)}$
L	Ligera	$1.0 \text{ (mm/h)} < \text{intensidad} \le 2.5 \text{ (mm/h)}$
LL	Llovizna	$1.0 \text{ (mm/h)} \ge \text{intensidad}$

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 precipitacion 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)