

Estación: Lago

Fecha: Mayo de 2012 Registros: 31 de 31

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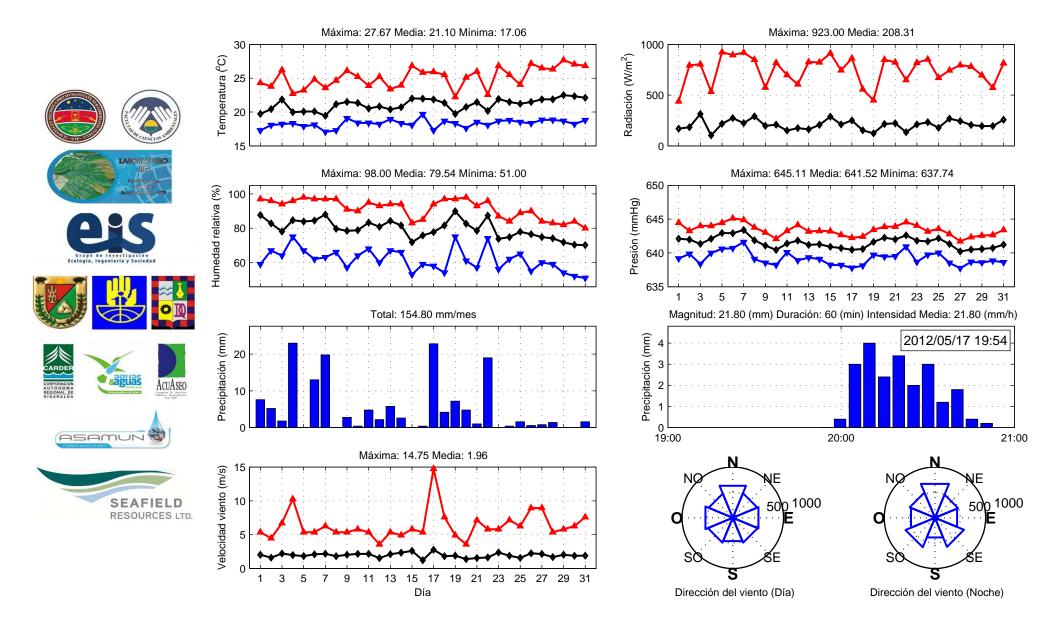
Reporte climatológico mensual

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			Viento	Presión	Humedad	1 1		Radiación solar		
Día	(°C)		,	/s)	(mmHg)	(%)	(mm)	(mm)	(W/		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.33	19.73	17.28	5.36	2.03	642.08	87.62	7.60	1.35	439.00	168.82
2	23.78	20.44	18.06	4.47	1.60	641.97	82.74	5.20	1.60	793.00	182.99
3	26.22	21.86	18.22	6.71	2.21	641.33	78.02	1.80	2.77	805.00	313.58
4	22.72	19.97	18.33	10.28	1.98	642.08	84.66	23.00	1.02	534.00	102.96
5	23.22	20.06	17.89	5.36	1.83	642.95	83.83	0.00	1.75	923.00	217.52
6	24.83	20.09	18.11	5.36	2.10	642.92	84.48	13.00	2.26	895.00	273.72
7	23.56	19.45	17.06	6.26	2.18	643.38	87.97	19.80	1.68	919.00	224.46
8	24.67	21.15	17.28	5.36	1.82	641.86	79.66	0.00	2.41	849.00	290.42
9	26.11	21.50	19.06	5.36	2.03	641.09	78.44	2.80	1.78	575.00	196.25
10	25.22	21.34	18.39	5.81	2.16	640.45	78.85	0.40	1.93	819.00	208.30
11	23.89	20.53	18.39	5.36	2.16	641.38	83.28	4.80	1.40	698.00	150.16
12	25.22	20.82	18.22	3.58	1.54	641.82	80.85	2.20	1.60	606.00	174.46
13	23.39	20.39	18.94	5.36	2.12	641.18	84.28	5.80	1.52	826.00	162.96
14	23.94	20.72	18.33	4.92	2.34	641.26	81.61	2.60	2.01	823.00	206.80
15	26.83	22.01	18.06	5.81	2.60	640.91	71.83	0.00	2.64	912.00	287.90
16	25.83	21.97	19.67	5.36	1.23	640.71	75.77	0.40	2.01	745.00	210.91
17	25.94	21.87	17.28	14.75	2.78	640.47	77.70	22.80	2.41	863.00	250.23
18	25.50	21.34	18.67	7.60	1.82	640.57	81.57	4.20	1.35	557.00	152.88
19	22.22	19.72	18.33	4.92	1.89	641.62	89.90	7.20	0.94	450.00	123.24
20	25.11	20.75	17.61	3.58	1.38	642.26	82.62	4.80	1.83	849.00	215.55
21	26.00	21.44	18.50	7.15	1.55	641.99	78.49	1.00	2.03	823.00	223.14
22	22.56	20.16	18.06	5.81	1.64	642.60	87.39	19.00	1.17	649.00	134.56
23	26.83	21.92	18.67	5.81	2.38	641.80	73.74	0.00	2.13	819.00	210.70
24	25.50	21.48	18.78	7.15	1.88	641.69	74.83	0.40	2.24	853.00	232.92
25	24.06	21.22	18.50	6.26	1.57	642.16	77.91	1.60	1.75	671.00	177.55
26	27.17	21.48	18.33	8.94	2.24	641.32	76.47	0.60	2.44	744.00	268.18
27	26.50	21.88	18.83	8.94	2.14	640.21	74.79	0.80	2.39	796.00	243.90
28	26.33	21.88	18.83	5.36	1.68	640.50	74.10	1.40	2.01	782.00	205.53
29	27.67	22.50	18.67	5.81	2.03	640.58	71.78	0.00	2.08	696.00	194.60
30	27.06	22.33	18.22	6.26	1.87	640.72	70.35	0.00	2.13	573.00	195.21
31	26.83	22.10	18.78	7.60	1.90	641.22	70.13	1.60	2.49	814.00	257.30
TOTAL								154.80	59.12		
PROM	25.13	21.10	18.30	6.34	1.96	641.52	79.54			745.16	208.31

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por				Lluvias por jornada				PT	PT DP		DM	MM	IMM	IM5	
Día	F	inten M	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0		8	1	5 Ma	Min 1	0	1N 4	10	7.60	2.33	9.72	95.00	4.60	2.76	12.00
1		1								5.20	1.08				3.53	
2	0	1	1	0	0	0	2	0	2			4.51	80.00	5.00		14.40
3	0	0	3	1	3	1	0	0	4	1.80	0.75	3.13	45.00	1.00 19.80	1.20	2.40
4	1	1	1	0	0	1	2	0	3		1.83	7.64	95.00 0.00		11.88	50.40
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	70.00	0.00	0.00	0.00
6	0	3	1	0	0	1	2	1	4	13.00	2.50	10.42		6.80	5.44	9.60
7	0	1	6	0	2	0	3	2	7	19.80	6.17	25.69	210.00	7.80	2.18	4.80
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	2	0	0	0	0	1	1	2	2.80	0.58	2.43	20.00	1.40	3.36	7.20
10	0	0	0	1	0	0	1	0	1	0.40	0.17	0.69	30.00	0.40	0.69	2.40
11	0	1	5	0	0	0	5	1	6	4.80	1.50	6.25	55.00	2.60	2.60	12.00
12	0	0	2	0	0	0	2	0	2	2.20	0.75	3.13	85.00	2.00	1.33	4.80
13	0	2	2	0	0	2	2	0	4	5.80	1.25	5.21	25.00	2.60	5.20	12.00
14	0	1	1	0	1	0	1	0	2	2.60	0.83	3.47	50.00	2.40	2.62	9.60
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	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
17	1	0	2	0	1	0	0	2	3	22.80	1.25	5.21	60.00	21.80	20.12	48.00
18	0	2	1	0	2	0	1	0	3	4.20	0.75	3.13	20.00	2.00	4.80	16.80
19	0	0	7	0	3	2	2	0	7	7.20	2.42	10.07	65.00	2.40	2.06	4.80
20	0	0	5	0	4	0	1	0	5	4.80	1.92	7.99	200.00	4.00	1.17	4.80
21	0	1	2	0	0	0	0	3	3	1.00	0.25	1.04	10.00	0.60	2.40	7.20
22	1	0	2	0	2	1	0	0	3	19.00	3.08	12.85	95.00	13.80	8.28	28.80
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	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
25	0	0	2	0	0	0	2	0	2	1.60	0.50	2.08	60.00	1.40	1.29	4.80
26	0	0	1	0	0	0	1	0	1	0.60	0.25	1.04	20.00	0.60	1.44	2.40
27	0	0	1	0	0	0	1	0	1	0.80	0.25	1.04	30.00	0.80	1.37	4.80
28	0	0	1	0	0	0	1	0	1	1.40	0.42	1.74	40.00	1.40	1.87	4.80
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	1	0	0	0	0	0	1	0	1	1.60	0.08	0.35	10.00	1.60	6.40	19.20
MAX	1	3	8	1	5	2	5	4	10	23.00	6.17	25.69	210.00	21.80	20.12	50.40
TOTAL	4	16	56	3	23	9	33	14	79	154.80	31.08	4.18				

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

Cantidad de Lluvias
Precipitación total (mm)
Duración precipitacion diaria
Duración máxima lluvia aislada (min)
Magnitud máx. lluvia aislada (mm)
Intensidad media máxima (mm/h)
Intensidad máx. en 5 minutos (mm/h)