

Estación: Lago

Fecha: Marzo de 2011

Registros: 31 de 31

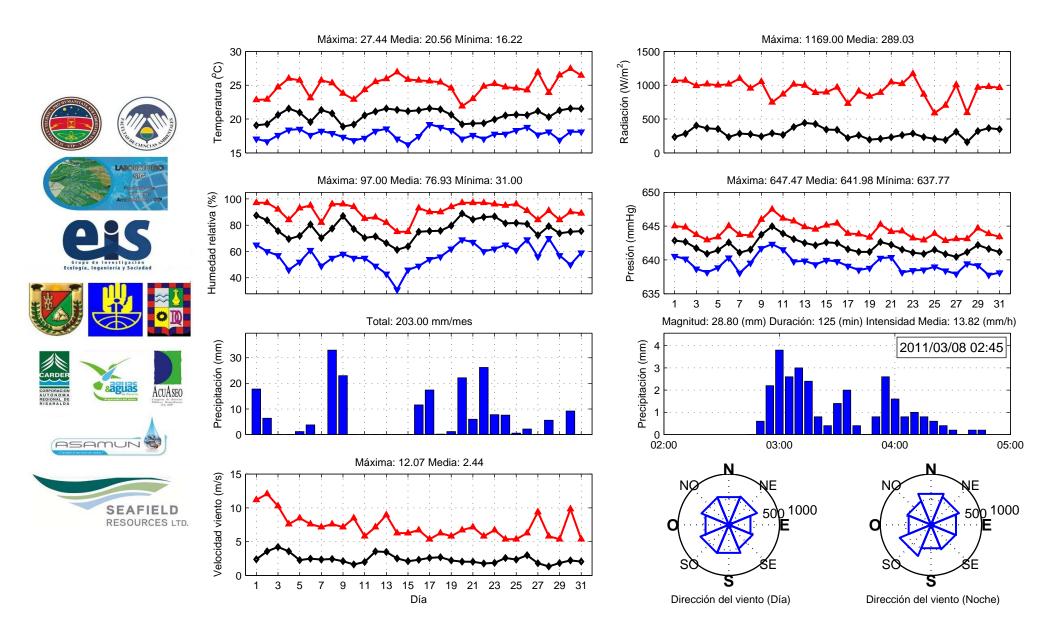
Reporte climatológico mensual

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)	(W/m ²)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.83	19.06	17.06	11.18	2.39	642.87	87.36	17.80	1.96	1067.00	234.18
2	22.89	19.25	16.67	12.07	3.57	642.67	83.64	6.40	2.59	1071.00	283.02
3	24.72	20.60	17.61	10.28	4.21	641.72	75.57	0.00	3.71	991.00	403.27
4	26.00	21.54	18.39	7.60	3.58	640.91	69.49	0.00	3.56	1016.00	362.36
5	25.72	20.96	18.50	8.49	2.28	641.43	71.82	1.20	3.28	1000.00	352.48
6	23.11	19.55	17.61	7.60	2.49	642.58	80.54	3.80	2.16	1014.00	234.87
7	25.72	21.33	18.22	7.15	2.35	641.06	70.22	0.00	2.62	1099.00	285.21
8	25.33	20.83	17.89	7.60	2.44	641.51	77.43	33.00	2.74	953.00	275.36
9	23.78	18.87	17.33	7.15	2.12	643.72	87.01	23.00	1.80	1053.00	241.60
10	22.89	19.20	16.83	8.49	1.63	644.97	77.08	0.00	2.51	747.00	290.74
11	24.33	20.55	17.17	5.81	2.00	643.90	70.31	0.00	2.59	867.00	265.46
12	25.50	21.10	18.22	7.15	3.55	643.08	71.46	0.00	3.77	1013.00	381.89
13	25.94	21.56	18.56	8.94	3.47	642.51	66.33	0.00	4.52	997.00	442.43
14	26.94	21.35	17.06	6.26	2.52	642.16	61.26	0.00	4.47	889.00	426.57
15	25.83	21.15	16.22	6.26	2.11	642.60	63.83	0.00	3.61	896.00	344.85
16	25.72	21.29	17.44	6.71	2.33	642.48	74.98	11.60	3.15	969.00	339.83
17	25.61	21.57	19.22	5.36	2.61	641.58	75.49	17.40	2.11	729.00	219.85
18	25.44	21.41	18.78	6.26	2.70	641.19	75.70	0.20	2.39	911.00	259.77
19	24.56	20.63	18.33	5.81	2.23	641.18	79.66	1.20	1.83	835.00	195.13
20	21.89	19.21	17.06	6.71	2.04	642.65	88.82	22.20	1.52	891.00	207.42
21	23.00	19.35	17.61	7.15	2.04	642.23	84.30	6.00	1.96	1046.00	231.36
22	24.83	19.38	17.06	5.81	1.78	641.53	86.13	26.20	2.08	1021.00	262.63
23	25.22	19.94	17.78	6.71	1.87	641.06	86.64	7.80	2.16	1169.00	287.21
24	24.72	20.53	17.78	5.36	2.59	640.90	81.36	7.60	2.06	865.00	232.36
25	24.56	20.64	18.33	5.36	2.37	641.50	81.63	0.60	1.73	587.00	207.30
26	24.28	20.57	18.78	6.26	2.99	640.86	80.87	2.20	1.65	700.00	189.50
27	26.94	21.17	17.67	9.39	1.82	640.44	72.40	0.00	2.90	1005.00	311.26
28	23.89	20.30	18.11	5.81	1.34	641.15	79.22	5.60	1.52	592.00	158.53
29	26.50	21.27	16.89	5.36	1.86	642.21	73.82	0.00	3.02	967.00	320.82
30	27.44	21.56	18.11	9.83	2.23	641.62	75.00	9.20	3.05	979.00	365.29
31	26.44	21.51	18.11	5.36	2.07	641.18	75.45	0.00	3.10	963.00	347.34
TOTAL								203.00	82.12		
PROM	24.92	20.56	17.75	7.27	2.44	641.98	76.93			932.32	289.03
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	Г)P	DM	MM	IMM	IM5	
Día		inten				jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		` ′	(h)	(%)	` ′			` ′
1	1	1	5	0	4	1	1	1	7	17.80	3.58	14.93	60.00	9.40	8.68	26.40
2	1	0	7	0	5	0	2	1	8	6.40	1.25	5.21	15.00	3.60	10.80	24.00
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	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	0	1	1	1.20	0.17	0.69	15.00	1.20	3.60	9.60
6	0	0	1	0	1	0	0	0	1	3.80	1.17	4.86	110.00	3.80	1.98	7.20
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	1	1	4	0	2	1	0	3	6	33.00	3.17	13.19	125.00	28.80	13.29	45.60
9	0	3	9	2	4	2	4	4	14	23.00	5.92	24.65	185.00	8.00	2.53	7.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	2	1	0	2	0	0	1	3	11.60	2.08	8.68	95.00	7.20	4.32	14.40
17	1	0	2	0	0	2	0	1	3	17.40	0.75	3.13	40.00	16.80	22.40	67.20
18	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
19	0	1	0	0	0	0	0	1	1	1.20	0.33	1.39	25.00	1.20	2.40	4.80
20	1	3	7	0	4	3	2	2	11	22.20	4.08	17.01	95.00	11.40	6.84	26.40
21	0	1	3	0	1	0	1	2	4	6.00	1.75	7.29	60.00	3.20	2.95	9.60
22	1	1	6	2	1	4	1	4	10	26.20	3.17	13.19	80.00	17.40	12.28	43.20
23	1	0	0	0	0	0	1	0	1	7.80	0.58	2.43	55.00	7.80	7.80	48.00
24	0	1	1	1	0	0	0	3	3	7.60	1.17	4.86	65.00	6.80	5.83	19.20
25	0	0	3	0	1	0	0	2	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
26	0	0	2	0	0	0	2	0	2	2.20	0.92	3.82	100.00	2.00	1.14	2.40
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	1	0	1	0	2	5.60	1.83	7.64	115.00	4.80	2.40	7.20
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	1	0	2	0	0	0	1	2	3	9.20	1.67	6.94	35.00	6.20	9.30	28.80
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	3	9	2	5	4	4	4	14	33.00	5.92	24.65	185.00	28.80	22.40	67.20
TOTAL	8	16	55	5	27	13	16	28	84	203.00	33.92	4.56				

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)