

Estación: Lago

Fecha: Octubre de 2009

Registros: 28 de 31

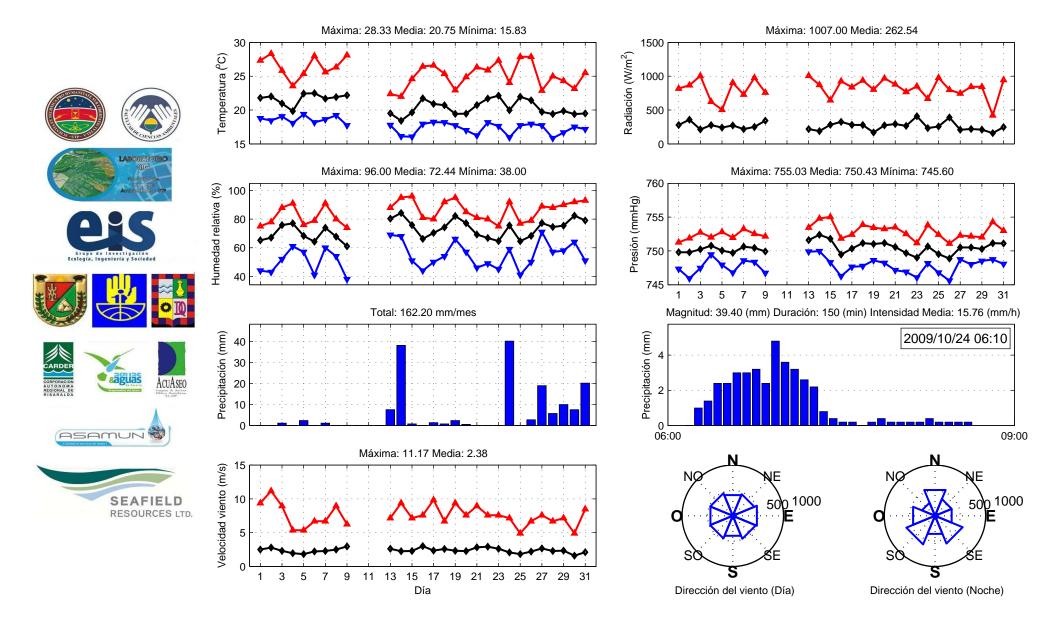
Reporte climatológico mensual

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			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	27.33	21.80	18.77	9.38	2.50	749.80	65.18	0.00	3.25	817.00	278.52
2	28.33	22.01	18.44	11.17	2.79	749.79	67.02	0.00	3.76	867.00	357.31
3	25.83	20.98	19.05	8.94	2.31	750.22	75.81	1.20	2.23	1004.00	212.65
4	23.55	19.84	18.05	5.36	1.97	750.78	77.07	0.00	0.81	624.00	276.74
5	25.38	22.43	19.38	5.36	1.84	750.06	68.29	2.40	1.75	503.00	240.81
6	28.00	22.49	18.16	6.70	2.22	749.71	64.25	0.00	2.74	904.00	272.19
7	25.61	21.68	18.61	6.70	2.29	750.62	73.93	1.20	2.13	728.00	217.97
8	26.33	21.91	19.22	8.94	2.50	750.44	67.71	0.00	2.71	977.00	250.96
9	28.11	22.19	17.72	6.25	2.96	749.92	60.96	0.00	3.37	758.00	343.05
10											
11											
12											
13	22.38	19.51	17.77	7.15	2.61	751.60	80.31	7.60	1.57	1007.00	217.54
14	21.99	18.41	16.11	9.38	2.26	752.39	84.22	38.20	1.67	872.00	187.36
15	24.61	19.64	16.05	7.15	2.29	751.79	75.83	0.80	2.56	645.00	281.42
16	26.44	21.73	17.94	7.59	3.01	749.46	66.17	0.00	3.48	926.00	325.00
17	26.61	20.91	18.22	9.83	2.36	750.34	70.37	1.40	2.76	837.00	280.02
18	25.38	20.70	18.16	6.70	2.59	751.15	74.28	0.80	2.64	937.00	278.22
19	22.94	19.43	17.72	9.38	2.32	751.02	82.16	2.40	1.62	802.00	167.69
20	24.88	19.46	17.00	7.59	2.28	751.17	77.09	0.60	2.51	969.00	274.16
21	26.33	20.73	16.22	8.94	2.84	750.57	69.24	0.00	3.22	879.00	293.86
22	25.88	21.69	18.16	7.59	2.93	749.67	66.78	0.00	3.07	768.00	264.55
23	27.33	22.12	17.61	7.59	2.61	749.00	64.66	0.00	3.93	851.00	407.66
24	24.05	19.97	15.94	7.15	2.08	750.66	75.55	40.20	1.93	668.00	232.02
25	27.88	21.96	17.72	4.91	1.82	749.53	64.59	0.00	2.61	976.00	257.72
26	27.88	21.44	17.94	6.70	2.20	748.87	68.25	2.80	2.74	800.00	390.74
27	22.88	19.73	17.72	7.59	2.68	750.51	77.24	19.00	1.12	745.00	207.18
28	25.00	19.41	15.83	6.70	2.29	750.52	74.49	5.80	2.33	844.00	219.44
29	24.33	19.86	16.66	7.15	2.34	750.28	75.43	10.00	2.18	844.00	209.27
30	23.16	19.39	17.50	4.91	1.60	751.13	82.36	7.60	1.39	422.00	159.26
31	25.50	19.50	17.16	8.49	2.11	751.11	79.06	20.20	2.15	944.00	247.74
TOTAL								162.20	68.23		
PROM	25.50	20.75	17.67	7.55	2.38	750.43	72.44			818.50	262.54

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CI I	PT	D	P	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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	0	2	0	0	0	0	2	2	1.20	0.42	1.74	55.00	1.00	1.00	4.80
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	1	0	0	1	2.40	0.42	1.74	35.00	2.40	3.60	12.00
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	1	1	0	2	0	0	0	2	1.20	0.25	1.04	15.00	1.00	3.00	7.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10																
11																
12																
13	1	0	2	0	0	0	3	0	3	7.60	1.08	4.51	50.00	6.80	7.42	24.00
14	1	1	2	0	0	1	2	1	4	38.20	5.92	24.65	200.00	25.60	7.49	43.20
15	0	0	1	1	1	1	0	0	2	0.80	0.33	1.39	50.00	0.60	0.65	2.40
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	1	0	0	0	0	1	0	1	1.40	0.17	0.69	15.00	1.40	4.20	9.60
18	0	0	1	0	0	0	0	1	1	0.80	0.25	1.04	25.00	0.80	1.60	4.80
19	0	0	6	0	4	0	2	0	6	2.40	0.92	3.82	35.00	1.40	2.10	4.80
20	0	0	1	0	0	0	1	0	1	0.60	0.17	0.69	30.00	0.60	1.03	4.80
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	1	0	1	0	0	1	0	1	2	40.20	2.67	11.11	150.00	39.40	15.25	57.60
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	1	0	0	0	0	0	1	0	1	2.80	0.08	0.35	10.00	2.80	11.20	33.60
27	0	1	1	0	0	1	1	0	2	19.00	2.42	10.07	160.00	18.80	6.84	16.80
28	0	1	1	0	0	0	2	0	2	5.80	0.75	3.13	45.00	5.60	6.72	24.00
29	0	2	0	0	0	0	1	1	2	10.00	1.25	5.21	55.00	5.20	5.20	14.40
30	0	0	2	0	1	1	0	0	2	7.60	2.33	9.72	185.00	7.40	2.34	14.40
31	0	1	1	0	0	0	1	1	2	20.20	3.08	12.85	225.00	20.00	5.22	24.00
MAX	1	2	6	1	4	1	3	2	6	40.20	5.92	24.65	225.00	39.40	15.25	57.60
TOTAL	4	9	22	1	8	6	15	7	36	162.20	22.50	3.02				

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)