

Estación: Lago

Fecha: Octubre de 2007

Registros: 31 de 31

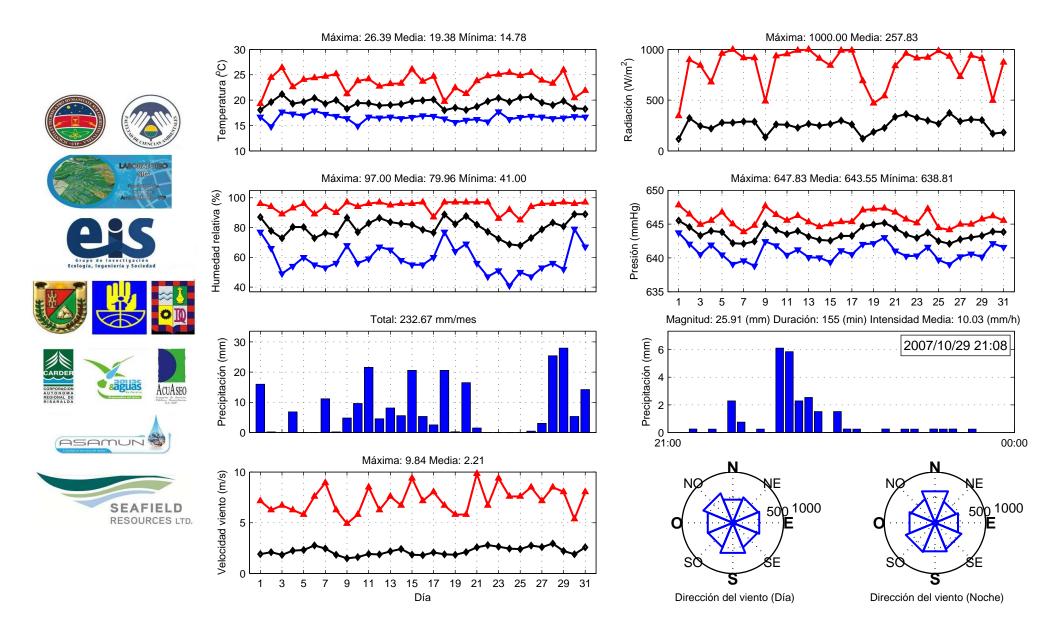
Reporte climatológico mensual

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	19.28	18.05	16.67	7.16	1.91	645.53	87.01	16.00	9.91	345.00	115.95
2	24.44	19.60	14.78	6.26	2.09	644.56	77.77	0.25	28.71	898.00	322.46
3	26.39	21.15	17.67	6.71	1.84	643.29	72.79	0.00	23.38	842.00	244.32
4	22.61	19.31	17.28	6.26	2.26	643.99	80.32	6.86	20.33	677.00	219.42
5	24.06	19.65	16.94	5.81	2.32	643.82	80.30	0.00	25.41	960.00	277.71
6	24.39	20.42	17.89	7.60	2.77	642.17	72.87	0.00	28.46	998.00	277.45
7	24.67	19.28	17.22	8.94	2.46	642.09	76.40	11.18	28.46	916.00	288.39
8	25.17	19.99	16.83	6.26	1.84	642.43	75.15	0.25	27.44	916.00	287.45
9	21.22	18.28	16.39	4.92	1.49	644.99	86.52	4.83	11.18	489.00	134.58
10	23.78	19.44	14.89	5.81	1.61	644.12	76.91	9.65	23.63	935.00	260.61
11	24.17	19.37	16.67	8.50	1.92	643.52	82.89	21.59	22.36	954.00	256.58
12	22.72	18.93	16.50	6.26	1.88	643.99	86.41	4.57	18.80	990.00	227.01
13	23.22	19.03	16.67	7.60	2.18	643.14	83.63	8.13	21.85	1000.00	265.89
14	23.28	19.21	16.39	6.71	2.42	642.66	82.59	5.59	23.38	911.00	248.10
15	26.06	19.79	16.61	9.39	1.85	642.55	81.93	20.57	22.61	842.00	263.64
16	23.67	19.94	16.94	7.16	1.80	643.24	78.52	5.34	24.39	990.00	297.93
17	24.67	20.10	16.83	8.05	2.08	643.25	76.48	2.54	24.65	991.00	258.90
18	19.72	18.01	16.33	6.71	1.89	644.66	88.75	20.57	10.67	689.00	119.56
19	22.44	18.51	15.61	5.81	1.85	644.95	82.32	0.26	16.01	469.00	185.86
20	21.28	18.06	16.06	5.81	2.11	645.17	87.68	16.51	17.79	541.00	226.12
21	23.78	18.72	16.22	9.84	2.58	644.38	81.92	1.52	27.95	837.00	334.97
22	24.78	19.76	15.72	6.71	2.80	643.44	77.11	0.00	33.54	960.00	363.12
23	25.06	20.42	17.72	9.39	2.65	642.95	72.43	0.00	33.29	914.00	325.45
24	25.44	19.64	16.22	7.60	2.45	643.75	68.69	0.00	31.51	921.00	298.37
25	24.83	20.51	16.61	7.60	2.41	642.49	67.92	0.00	27.70	986.00	266.85
26	25.44	20.66	16.83	8.50	2.76	642.10	72.96	0.51	36.34	930.00	373.43
27	23.89	19.50	16.67	7.16	2.60	642.75	78.70	3.05	27.95	731.00	290.50
28	23.28	19.01	16.39	8.50	2.95	643.02	83.26	25.40	27.95	940.00	309.19
29	25.94	19.82	16.50	8.05	2.21	643.28	80.70	27.94	26.93	909.00	302.64
30	20.44	18.39	16.78	5.37	1.90	643.90	88.92	5.33	13.21	496.00	168.96
31	21.89	18.25	16.67	8.05	2.58	643.83	88.89	14.23	14.99	872.00	181.18
TOTAL								232.67	730.78		
PROM	23.61	19.38	16.56	7.24	2.21	643.55	79.96			833.84	257.83
-						17.7	1 1 1	<u> </u>			

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por jornada				PT	D	P	DM	MM	IMM	IM5	
Día		inten							CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		` '	(h)	(%)	` ′			
1	0	1	0	0	0	1	0	0	1	16.00	2.25	9.38	175.00	16.00	5.33	27.36
2	0	0	1	0	0	1	0	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
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	1	4	0	5	0	0	0	5	6.86	2.17	9.03	195.00	5.59	1.68	3.12
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	3	0	0	0	4	0	4	11.18	0.92	3.82	45.00	10.16	12.19	45.72
8	0	0	1	0	0	0	1	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
9	0	0	10	0	7	2	1	0	10	4.83	1.50	6.25	55.00	1.27	1.27	6.12
10	1	1	1	0	0	1	1	1	3	9.65	0.92	3.82	45.00	8.63	10.36	24.36
11	0	3	3	0	0	1	2	3	6	21.59	3.92	16.32	155.00	14.48	5.43	18.36
12	0	1	6	0	3	1	1	2	7	4.57	1.42	5.90	55.00	1.53	1.53	3.12
13	0	2	3	0	0	1	1	3	5	8.13	2.00	8.33	95.00	4.07	2.44	6.12
14	0	1	1	0	0	0	0	2	2	5.59	0.92	3.82	55.00	4.06	4.06	18.24
15	2	0	2	0	0	0	3	1	4	20.57	1.50	6.25	50.00	12.95	14.13	63.96
16	0	1	3	0	2	2	0	0	4	5.34	0.83	3.47	40.00	4.32	5.76	18.24
17	0	1	0	0	0	0	1	0	1	2.54	0.50	2.08	40.00	2.54	3.39	9.12
18	0	1	2	0	1	1	1	0	3	20.57	2.83	11.81	280.00	19.81	4.17	18.24
19	0	0	1	0	1	0	0	0	1	0.26	0.08	0.35	10.00	0.26	1.04	3.12
20	0	1	5	0	2	1	2	1	6	16.51	3.75	15.63	235.00	13.46	3.37	18.36
21	0	1	3	0	1	0	1	2	4	1.52	0.42	1.74	10.00	0.51	2.04	6.12
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	1	0	0	0	0	0	1	1	0.51	0.08	0.35	10.00	0.51	2.04	6.12
27	0	0	2	0	1	1	0	0	2	3.05	1.00	4.17	70.00	2.79	2.23	3.12
28	1	0	1	0	0	0	0	2	2	25.40	2.17	9.03	155.00	25.15	9.43	42.72
29	1	1	1	0	0	0	0	3	3	27.94	2.25	9.38	155.00	25.91	9.72	73.20
30	0	1	5	0	2	0	2	2	6	5.33	1.00	4.17	40.00	2.79	3.72	21.36
31	1	0	5	0	2	0	3	1	6	14.23	1.58	6.60	80.00	12.45	8.79	39.60
MAX	2	3	10	0	7	2	4	3	10	27.94	3.92	16.32	280.00	25.91	14.13	73.20
TOTAL	7	18	63	0	27	13	24	24	88	232.67	34.17	4.59				
	,	10			,	1.5			- 00	202.07	3 /	1.07				

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)