

Estación: Lago

Fecha: Diciembre de 2008

Registros: 30 de 31

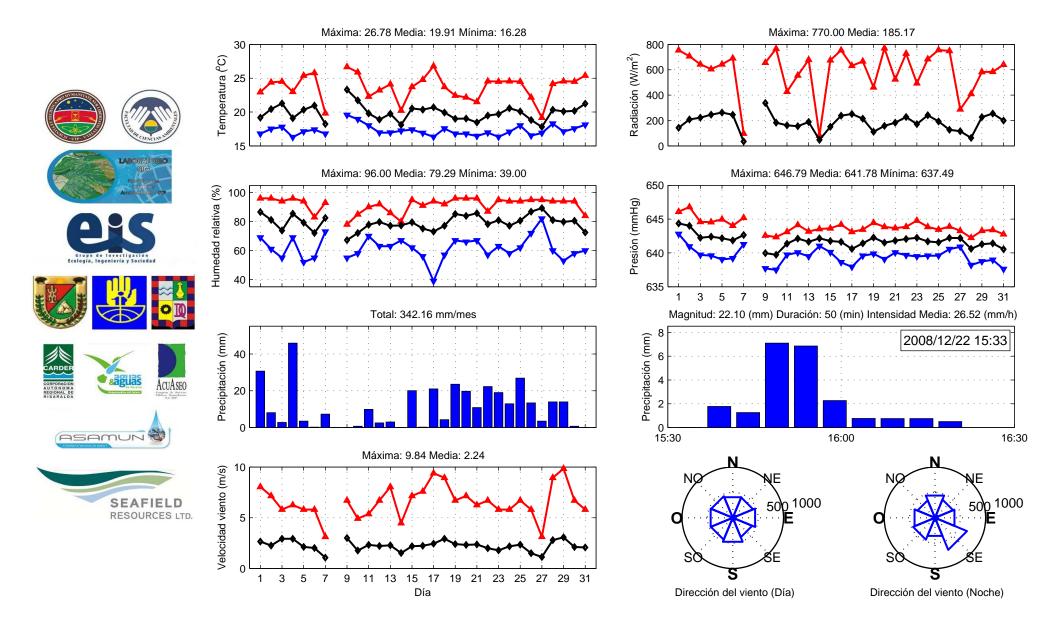
Reporte climatológico mensual

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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D.	Temperatura				Viento	Presión (mmHg)	Humedad	Precipitación	Evap	Radiación solar (W/m²)	
Día		(°C)	2.51	,	(m/s)		(%)	(mm)	(mm)	,	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.94	19.16	16.78	8.05	2.66	644.36	86.60	30.74	1.30	754.00	142.70
2	24.39	20.43	17.50	7.16	2.26	644.01	81.14	8.13	1.88	707.00	208.20
3	24.50	21.26	17.78	5.81	2.93	642.23	73.83	2.80	2.10	643.00	221.94
4	23.00	19.09	16.28	6.26	2.93	642.40	85.47	45.97	2.19	605.00	245.64
5	25.39	20.33	17.11	5.81	2.13	642.18	79.25	3.56	2.24	643.00	262.01
6	25.78	20.96	17.39	5.81	2.02	641.84	72.13	0.25	2.34	691.00	245.03
7	19.83	18.23	16.78	3.13	1.07	642.65	82.56	7.37	0.10	97.00	34.96
8											
9	26.67	23.31	19.56	6.71	3.00	639.97	67.24	0.00	2.82	656.00	338.00
10	25.89	21.73	18.94	4.92	1.76	639.73	72.12	0.76	1.75	765.00	183.01
11	22.28	19.80	18.00	5.37	2.33	641.36	77.78	9.91	0.94	427.00	161.99
12	23.22	18.89	16.94	6.71	2.22	642.12	79.67	2.54	1.58	555.00	154.23
13	24.11	19.73	16.94	8.05	2.29	641.64	77.10	3.05	1.91	679.00	187.95
14	20.22	18.09	17.22	4.47	1.53	642.15	77.30	0.00	0.15	81.00	47.29
15	23.72	20.52	17.39	7.16	2.20	641.76	79.54	20.07	1.00	675.00	149.96
16	24.78	20.35	16.89	7.60	2.24	641.63	75.21	0.25	2.39	754.00	237.91
17	26.78	20.70	16.33	9.39	2.44	640.60	73.09	21.08	2.59	631.00	251.25
18	23.72	19.92	17.56	8.94	2.93	641.42	77.10	4.32	2.16	666.00	214.24
19	22.44	19.00	16.78	6.71	2.40	642.28	85.24	23.62	1.09	461.00	111.09
20	22.17	19.04	16.78	7.16	2.33	641.52	83.89	19.81	1.45	770.00	157.69
21	21.50	18.46	16.44	6.26	2.37	641.80	85.75	10.93	1.60	524.00	182.61
22	24.56	19.48	16.94	6.71	2.00	642.05	78.26	22.35	2.29	728.00	227.18
23	24.50	19.69	16.33	5.81	1.79	642.24	80.90	19.05	1.63	494.00	171.52
24	24.56	20.56	17.06	5.81	2.19	641.69	77.13	12.96	2.31	684.00	241.76
25	24.50	20.08	18.00	6.71	2.35	641.57	80.61	26.92	1.75	756.00	192.09
26	22.17	18.81	16.50	5.81	1.51	642.21	86.78	13.46	1.09	749.00	126.87
27	19.17	17.80	16.89	3.13	1.13	642.18	89.24	3.56	0.23	288.00	115.64
28	24.17	20.33	18.28	8.94	2.79	640.60	81.03	13.97	0.43	410.00	62.38
29	24.56	20.08	17.11	9.84	3.07	641.28	79.76	13.97	2.36	582.00	226.46
30	24.50	20.17	17.56	6.71	2.12	641.42	80.51	0.76	2.34	584.00	254.33
31	25.39	21.23	18.11	5.81	2.08	640.54	72.53	0.00	2.08	640.00	199.16
TOTAL								342.16	50.09		
PROM	23.71	19.91	17.27	6.56	2.24	641.78	79.29			589.97	185.17

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CI I	PT	DP		DM	MM	IMM	IM5	
Dia	F	inten M	sidad L	LL	Md	Jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	1	2	3	0	2	1	3	0	6	30.74	3.67	15.28	130.00	12.70	5.64	27.48
2	1	1	1	0	1	0	1	1	3	8.13	1.00	4.17	30.00	5.08	8.71	27.48
3	0	1	1	0	0	0	0	2	2	2.80	0.67	2.78	35.00	1.53	2.30	9.12
4	1	3	2	0	3	0	1	2	6	45.97	4.75	19.79	80.00	18.04	12.73	48.84
5	0	2	2	0	2	1	0	1	4	3.56	0.92	3.82	35.00	2.03	3.05	9.12
6	0	0	1	0	0	1	0	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
7	1	0	0	0	1	0	0	0	1	7.37	0.42	1.74	30.00	7.37	12.63	36.60
8																
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	0	1	1	0	0	2	0	0	2	0.76	0.17	0.69	10.00	0.51	2.04	6.12
11	1	1	1	0	0	1	2	0	3	9.91	1.25	5.21	75.00	7.37	5.53	15.24
12	0	0	5	0	0	0	3	2	5	2.54	0.83	3.47	30.00	1.02	1.75	3.12
13	0	1	0	0	0	0	1	0	1	3.05	0.42	1.74	30.00	3.05	5.23	15.24
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	1	0	3	0	0	0	0	4	4	20.07	1.50	6.25	105.00	19.05	10.39	57.96
16	0	0	1	0	1	0	0	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
17	1	2	1	1	2	0	0	3	5	21.08	2.17	9.03	75.00	16.26	12.20	45.72
18	0	0	1	0	0	0	0	1	1	4.32	1.17	4.86	140.00	4.32	1.79	6.12
19	2	2	0	0	0	1	0	3	4	23.62	2.17	9.03	50.00	15.24	16.63	42.60
20	2	0	4	0	2	1	0	3	6	19.81	1.67	6.94	60.00	12.44	11.48	33.48
21	0	1	3	0	2	2	0	0	4	10.93	2.25	9.38	150.00	9.66	3.74	24.36
22	1	0	1	0	0	0	2	0	2	22.35	0.83	3.47	50.00	22.10	24.11	85.32
23	0	1	3	0	2	1	1	0	4	19.05	2.67	11.11	175.00	17.78	5.93	33.48
24	0	3	0	0	2	1	0	0	3	12.96	2.33	9.72	130.00	6.35	2.82	12.24
25	3	0	2	0	2	0	1	2	5	26.92	2.25	9.38	65.00	11.68	10.01	24.36
26	0	2	4	0	3	1	2	0	6	13.46	3.33	13.89	205.00	8.89	2.54	9.12
27	0	1	4	0	5	0	0	0	5	3.56	0.92	3.82	55.00	2.54	2.54	6.12
28	1	0	1	0	0	0	0	2	2	13.97	1.33	5.56	90.00	13.72	8.67	33.48
29	2	0	1	0	1	0	2	0	3	13.97	1.00	4.17	40.00	7.62	10.16	30.48
30	0	0	2	0	1	1	0	0	2	0.76	0.25	1.04	20.00	0.51	1.22	3.12
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	3	3	5	1	5	2	3	4	6	45.97	4.75	19.79	205.00	22.10	24.11	85.32
TOTAL	18	24	48	1	32	14	19	26	91	342.16	40.08	5.39				

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)