

Estación: Lago Fecha: Abril de 2009

Registros: 30 de 30

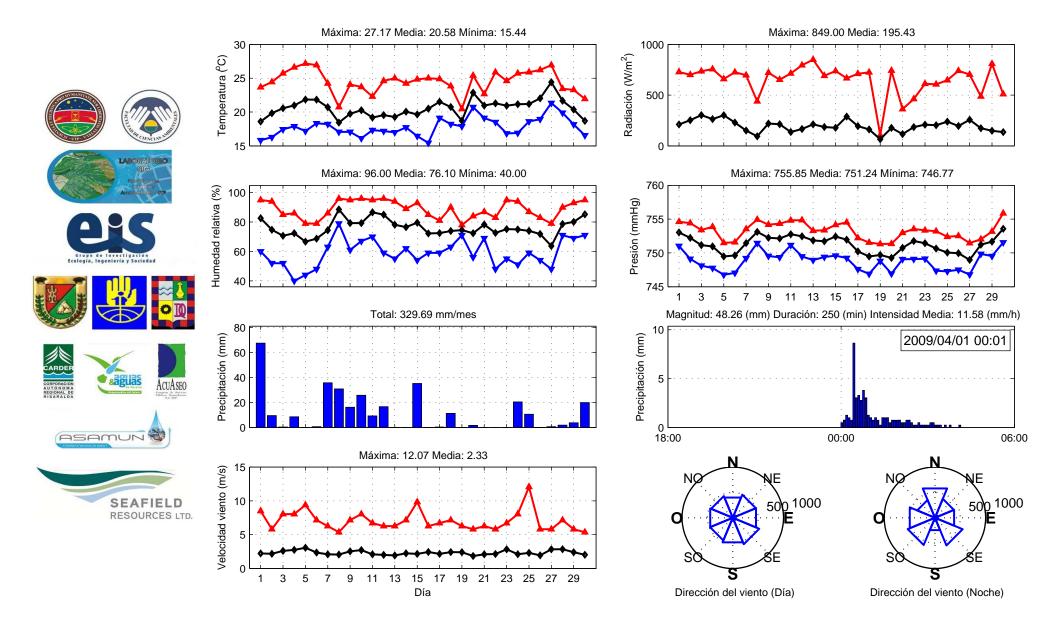
Reporte climatológico mensual

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				/iento	Presión	Humedad	1		Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/	m^2)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.67	18.59	15.83	8.50	2.22	753.02	82.57	67.56	2.01	728.00	211.20
2	24.44	19.82	16.28	5.81	2.17	752.22	74.76	9.65	2.29	700.00	252.43
3	25.72	20.56	17.44	8.05	2.60	751.15	70.61	0.51	3.13	735.00	302.72
4	26.61	20.98	17.89	8.05	2.76	750.96	72.40	8.63	2.85	756.00	263.00
5	27.17	21.84	17.17	9.39	3.07	749.48	66.64	0.00	3.66	659.00	301.44
6	26.94	21.82	18.33	7.16	2.35	749.62	68.71	0.76	2.44	726.00	229.48
7	24.22	20.70	18.22	6.26	2.09	751.45	74.46	35.82	1.60	696.00	150.18
8	20.72	18.44	17.06	5.37	2.06	753.10	88.56	30.98	0.91	439.00	93.80
9	24.06	19.75	17.06	7.16	2.54	752.23	79.26	16.26	2.08	721.00	219.69
10	23.72	20.27	16.11	8.05	2.72	752.14	79.30	25.91	2.13	652.00	213.27
11	22.28	19.18	17.33	6.71	2.09	752.76	86.60	9.40	1.14	714.00	136.44
12	24.61	19.55	17.17	6.26	2.02	752.46	85.00	16.76	1.42	795.00	166.09
13	25.00	19.26	17.00	6.26	1.93	751.85	78.17	0.26	1.98	849.00	212.44
14	24.22	20.05	17.72	7.16	2.24	751.73	76.52	0.00	1.93	691.00	185.96
15	24.83	19.65	16.44	9.84	2.16	752.41	79.57	35.31	1.65	738.00	177.82
16	25.00	20.50	15.44	6.26	2.44	751.95	72.22	0.00	2.72	666.00	289.11
17	24.89	21.51	19.11	6.71	2.16	750.21	72.49	0.51	2.03	710.00	194.09
18	23.83	20.74	18.22	7.16	2.42	749.47	73.92	11.43	1.91	724.00	162.07
19	20.44	18.70	17.89	6.26	2.40	749.70	74.50	0.00	0.36	105.00	65.23
20	25.39	22.87	20.72	5.81	1.85	749.26	72.38	1.78	1.39	742.00	177.05
21	22.67	20.96	19.11	6.26	2.09	750.74	78.25	0.00	1.32	362.00	115.87
22	25.89	21.28	18.50	5.81	2.14	751.75	72.58	0.00	1.98	462.00	184.81
23	24.61	20.94	16.83	6.71	2.84	751.44	75.20	0.00	2.13	612.00	208.54
24	25.72	21.15	16.89	8.05	2.11	750.64	74.99	20.57	2.11	606.00	202.72
25	25.89	21.19	18.61	12.07	2.30	750.06	73.98	10.67	2.46	647.00	238.71
26	26.22	22.02	18.94	5.81	1.94	749.96	71.87	0.25	1.96	740.00	195.06
27	26.94	24.40	21.33	5.81	2.83	748.97	63.68	0.76	2.16	703.00	256.50
28	23.44	21.66	19.89	7.16	2.85	751.22	78.67	2.03	0.71	487.00	173.36
29	23.28	20.36	18.17	5.81	2.41	751.66	80.06	3.82	1.17	809.00	147.98
30	21.94	18.69	16.56	5.37	2.03	753.57	85.20	20.06	1.09	510.00	135.75
TOTAL								329.69	56.72		
PROM	24.48	20.58	17.78	7.04	2.33	751.24	76.10			649.47	195.43

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CLL	PT	DP		DM	MM	IMM	IM5		
	F	M	L	LL	Md	Mñ	T	N		(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	2	1	2	0	1	0	2	2	5	67.56	4.83	20.14	250.00	48.26	11.36	103.68
2	0	1	3	0	4	0	0	0	4	9.65	1.83	7.64	95.00	7.88	4.73	12.24
3	0	1	0	0	0	0	0	1	1	0.51	0.08	0.35	10.00	0.51	2.04	6.12
4	1	0	3	0	3	0	0	1	4	8.63	0.67	2.78	40.00	7.87	10.49	48.84
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	1	0	0	0	0	1	0	1	0.76	0.08	0.35	10.00	0.76	3.04	9.12
7	2	0	1	0	0	0	2	1	3	35.82	1.33	5.56	35.00	23.88	35.82	85.44
8	1	2	3	0	1	0	4	1	6	30.98	3.83	15.97	75.00	18.54	13.90	36.48
9	1	0	1	0	1	1	0	0	2	16.26	0.92	3.82	55.00	16.01	16.01	30.48
10	1	0	0	0	1	0	0	0	1	25.91	1.50	6.25	140.00	25.91	10.72	63.96
11	0	0	4	0	2	0	1	1	4	9.40	2.75	11.46	140.00	5.08	2.10	6.12
12	0	1	1	0	0	0	1	1	2	16.76	2.00	8.33	215.00	16.51	4.50	42.72
13	0	0	1	0	0	0	1	0	1	0.26	0.08	0.35	10.00	0.26	1.04	3.12
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	1	1	0	1	0	1	1	3	35.31	1.17	4.86	70.00	34.54	27.63	164.64
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	0.51	0.08	0.35	10.00	0.51	2.04	6.12
18	1	0	0	0	0	0	1	0	1	11.43	0.92	3.82	70.00	11.43	9.14	33.48
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0	1	1	0	0	1	1	0	2	1.78	0.42	1.74	20.00	1.27	3.05	6.12
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	2	0	0	0	2	20.57	1.42	5.90	110.00	20.32	10.60	33.48
25	1	0	1	0	0	0	2	0	2	10.67	0.75	3.13	45.00	10.41	12.49	33.48
26	0	0	1	0	0	0	1	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
27	0	1	0	0	0	0	1	0	1	0.76	0.08	0.35	10.00	0.76	3.04	9.12
28	1	0	0	0	0	0	1	0	1	2.03	0.17	0.69	15.00	2.03	6.09	18.24
29	1	0	2	0	0	1	2	0	3	3.82	0.42	1.74	5.00	2.54	15.24	30.48
30	0	2	6	0	3	4	1	0	8	20.06	3.17	13.19	145.00	16.25	6.50	27.48
MAX	2	2	6	0	4	4	4	2	8	67.56	4.83	20.14	250.00	48.26	35.82	164.64
TOTAL	14	13	32	0	19	7	24	9	59	329.69	28.58	3.97				

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)

Cuadro 2: Convenciones y Unidades