

Estación: Lago

Fecha: Enero de 2009

Registros: 31 de 31

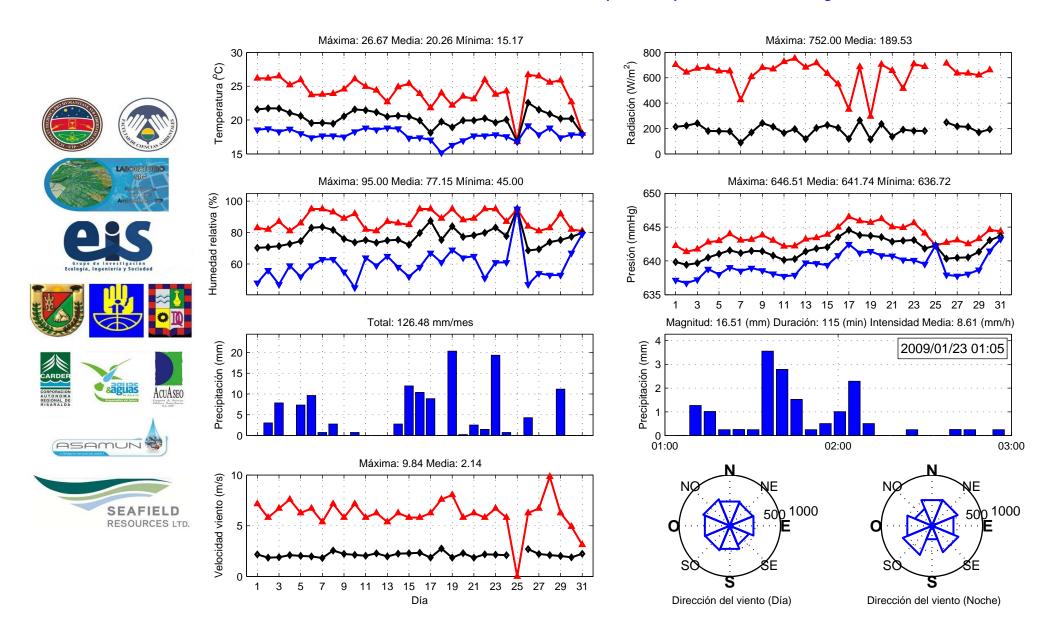
Reporte climatológico mensual

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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1 26 2 26 3 26 4 25 5 25 6 23 7 23 8 23	Máx 26.17 26.17 26.50 25.17 25.94 23.72 23.78 23.89 24.56	(°C) Media 21.56 21.73 21.70 21.06 20.61 19.54 19.57 19.45	Mín 18.56 18.72 18.28 18.67 18.00 17.39 17.67	Máx 7.16 5.81 6.71 7.60 6.26 6.71	Media 2.18 1.86 1.90 2.10 2.04	(mmHg) Media 639.84 639.42 639.67 640.49 641.04	(%) Media 70.29 70.73 71.39 72.82	(mm) Total 0.00 3.05 7.87	(mm) Total 2.26 2.31 2.46	(W/ Máx 703.00 643.00 673.00	Media 213.22 222.46
1 26 2 26 3 26 4 25 5 25 6 23 7 23 8 23	26.17 26.17 26.50 25.17 25.94 23.72 23.78 23.89	21.56 21.73 21.70 21.06 20.61 19.54 19.57	18.56 18.72 18.28 18.67 18.00 17.39	7.16 5.81 6.71 7.60 6.26	2.18 1.86 1.90 2.10 2.04	639.84 639.42 639.67 640.49	70.29 70.73 71.39	0.00 3.05 7.87	2.26 2.31	703.00 643.00	213.22 222.46
2 26 3 26 4 25 5 25 6 23 7 23 8 23	26.17 26.50 25.17 25.94 23.72 23.78 23.89	21.73 21.70 21.06 20.61 19.54 19.57	18.72 18.28 18.67 18.00 17.39	5.81 6.71 7.60 6.26	1.86 1.90 2.10 2.04	639.42 639.67 640.49	70.73 71.39	3.05 7.87	2.31	643.00	222.46
3 26 4 25 5 25 6 23 7 23 8 23	26.50 25.17 25.94 23.72 23.78 23.89	21.70 21.06 20.61 19.54 19.57	18.28 18.67 18.00 17.39	6.71 7.60 6.26	1.90 2.10 2.04	639.67 640.49	71.39	7.87			
4 25 5 25 6 23 7 23 8 23	25.17 25.94 23.72 23.78 23.89	21.06 20.61 19.54 19.57	18.67 18.00 17.39	7.60 6.26	2.10 2.04	640.49			2.46	673.00	241.22
5 25 6 23 7 23 8 23	25.94 23.72 23.78 23.89	20.61 19.54 19.57	18.00 17.39	6.26	2.04		72.82			0,5.00	241.22
6 23 7 23 8 23	23.72 23.78 23.89	19.54 19.57	17.39			641.04		0.00	1.88	680.00	180.26
7 23 8 23	23.78	19.57		6.71		041.04	74.59	7.37	1.91	652.00	179.17
8 23	23.89		17.67		1.98	641.57	83.09	9.65	1.50	652.00	176.43
		19.45		5.37	1.82	641.15	83.53	0.76	1.60	425.00	88.24
9 24	24.56		17.67	7.16	2.55	641.49	81.67	2.79	1.50	608.00	168.30
1		20.54	17.50	5.81	2.23	641.42	76.01	0.00	2.44	680.00	242.10
10 26	26.06	21.56	18.28	7.16	2.13	640.80	73.74	0.76	2.11	668.00	213.31
11 24	24.94	21.45	18.83	5.81	2.04	640.13	75.25	0.00	1.73	726.00	164.09
12 24	24.39	21.15	18.56	6.26	2.29	640.28	73.51	0.00	2.08	752.00	195.29
13 22	22.67	20.50	18.83	5.37	1.98	641.38	75.01	0.00	1.32	682.00	116.90
14 24	24.89	20.62	18.72	6.26	2.25	641.83	75.42	2.79	2.06	717.00	203.61
15 25	25.39	20.52	17.33	5.81	2.29	642.02	72.24	11.94	2.01	633.00	227.67
16 23	23.89	19.93	17.39	5.81	2.34	643.49	79.75	10.41	1.55	550.00	205.04
17 21	21.78	18.12	17.06	6.26	1.87	644.56	87.44	8.89	0.86	350.00	117.79
18 24	24.00	19.76	15.17	7.60	2.76	643.81	75.32	0.00	2.64	686.00	264.19
19 22	22.17	18.92	16.28	8.05	1.85	643.72	84.01	20.32	1.02	295.00	112.90
20 23	23.50	19.93	16.94	5.81	2.30	643.52	77.29	0.25	2.26	705.00	234.85
21 23	23.11	19.94	17.67	6.26	1.86	642.84	78.28	2.54	1.40	656.00	135.77
22 25	25.94	20.25	17.67	5.81	2.18	642.98	79.88	1.52	1.70	515.00	190.31
23 23	23.78	19.61	17.83	6.71	2.15	643.09	83.18	19.31	1.73	708.00	180.84
24 24	24.28	20.05	17.56	5.81	2.10	641.83	77.73	0.76	1.73	687.00	181.27
25 16	16.78	16.78	16.78	0.00		642.29	95.00	0.00	0.00		
26 26	26.67	22.55	19.17	6.26	2.70	640.34	68.66	4.32	2.23	714.00	248.69
27 26	26.50	21.52	17.83	6.71	2.21	640.46	69.44	0.00	2.64	636.00	216.95
28 25	25.56	20.88	18.83	9.84	2.11	640.52	73.95	0.00	2.16	635.00	212.71
29 25	25.89	20.21	17.39	6.26	2.02	641.35	75.33	11.18	1.60	621.00	169.88
30 22	22.67	20.20	17.83	4.92	1.89	643.06	77.36	0.00	1.07	661.00	192.93
31 18	18.00	17.93	17.83	3.13	2.24	643.68	79.79	0.00	0.00		
TOTAL								126.48	53.76		
1	24.15	20.26	17.81	6.15	2.14	641.74	77.15			631.48	189.53

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por				РТ	PT DP		DM	MM	IMM	IM5		
Día		inten	sidad			jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(IIIII)	(11111/11)	(111111/11)
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	1	1	0	0	0	2	0	2	3.05	0.42	1.74	30.00	2.79	4.78	18.24
3	1	0	2	0	2	1	0	0	3	7.87	0.75	3.13	40.00	7.36	9.81	42.60
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	1	0	1	0	0	0	0	2	2	7.37	0.92	3.82	40.00	6.35	8.47	24.36
6	0	1	7	0	3	4	0	1	8	9.65	2.00	8.33	65.00	5.59	4.79	15.24
7	0	0	3	0	3	0	0	0	3	0.76	0.25	1.04	10.00	0.26	1.04	3.12
8	0	1	6	0	2	0	2	3	7	2.79	0.83	3.47	20.00	1.02	2.45	6.12
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	0	0	1	0	0	0	1	0.76	0.17	0.69	15.00	0.76	2.28	6.12
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	1	1	0	0	0	2	0	2	2.79	0.42	1.74	25.00	2.54	5.08	9.12
15	1	1	0	0	0	0	2	0	2	11.94	0.75	3.13	40.00	10.92	14.56	30.48
16	0	1	1	0	0	0	1	1	2	10.41	2.58	10.76	195.00	8.63	2.59	9.12
17	0	1	2	0	0	2	1	0	3	8.89	2.33	9.72	180.00	8.38	2.72	9.24
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1	2	2	0	3	1	1	0	5	20.32	2.42	10.07	60.00	11.43	10.55	36.60
20	0	0	1	0	1	0	0	0	1	0.25	0.08	0.35	10.00	0.25	1.00	3.00
21	0	1	0	0	0	0	1	0	1	2.54	0.42	1.74	30.00	2.54	4.35	9.12
22	0	1	1	0	0	0	0	2	2	1.52	0.25	1.04	15.00	1.27	3.81	12.24
23	1	1	4	0	4	0	1	1	6	19.31	2.33	9.72	115.00	16.51	8.26	42.72
24	0	1	1	0	0	0	2	0	2	0.76	0.17	0.69	10.00	0.51	2.04	6.12
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	1	0	0	1	4.32	0.08	0.35	5.00	4.32	25.92	51.84
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	2	2	0	0	0	2	2	4	11.18	2.33	9.72	100.00	5.59	3.19	9.12
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	7	0	4	4	2	3	8	20.32	2.58	10.76	195.00	16.51	25.92	51.84
TOTAL	6	16	35	0	19	9	17	12	57	126.48	19.50	2.62				

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)