

Estación: Lago Fecha: Abril de 2011 Registros: 30 de 30

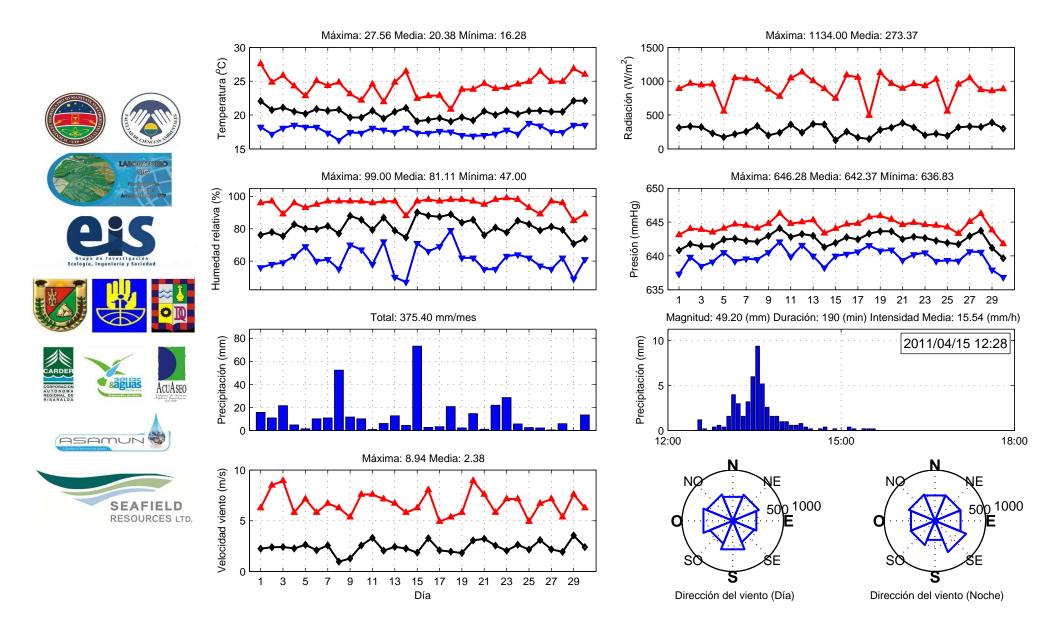
Reporte climatológico mensual

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		Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar		
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/ı	n^2)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.56	22.05	18.22	6.26	2.25	640.82	76.09	15.80	2.92	889.00	312.44
2	24.83	20.74	17.17	8.49	2.39	641.74	77.88	11.00	3.07	967.00	332.30
3	25.83	21.10	18.06	8.94	2.41	641.41	75.33	21.60	3.02	942.00	321.57
4	24.28	20.50	18.50	5.81	2.27	641.41	82.69	5.00	2.01	956.00	228.73
5	22.83	20.19	18.22	7.15	2.63	642.42	80.05	1.60	1.68	555.00	172.58
6	25.06	20.88	18.22	5.81	2.10	642.57	79.66	10.20	1.98	1049.00	217.01
7	24.33	20.63	17.33	6.71	2.57	642.23	81.64	11.00	2.21	1039.00	253.37
8	24.83	20.80	16.28	6.26	0.97	642.08	76.99	52.40	2.62	1004.00	337.06
9	23.11	19.65	17.44	5.36	1.28	642.95	87.93	11.80	1.52	879.00	199.04
10	22.17	19.63	17.33	7.60	2.57	644.10	85.56	10.20	2.03	775.00	239.74
11	24.56	20.63	18.06	7.60	3.32	642.80	79.29	1.00	3.28	1046.00	359.21
12	21.94	19.47	17.78	7.15	2.05	643.23	86.84	6.20	1.96	1134.00	241.29
13	24.83	20.48	17.44	6.71	2.43	642.98	78.90	12.80	3.23	1004.00	366.99
14	26.44	21.04	18.06	5.81	2.26	641.29	74.51	4.60	3.28	888.00	359.99
15	22.44	19.08	17.33	6.26	1.86	641.93	90.12	73.20	1.04	745.00	127.64
16	22.83	19.28	17.33	8.05	3.28	642.77	88.08	2.80	2.06	1090.00	254.05
17	22.89	19.57	17.61	4.92	2.08	642.43	87.32	3.40	1.42	1055.00	167.41
18	20.83	19.04	17.50	5.36	1.95	643.29	88.91	20.80	1.22	492.00	145.29
19	23.78	19.68	17.00	5.81	1.82	643.65	83.74	2.40	2.29	1127.00	279.64
20	23.78	19.20	16.89	8.94	3.06	643.63	85.56	14.80	2.62	965.00	314.26
21	24.67	20.57	17.00	7.60	3.23	642.46	76.00	1.20	3.43	893.00	381.50
22	23.89	20.00	17.17	5.81	2.55	642.83	80.71	22.00	2.74	962.00	315.57
23	24.06	20.62	17.78	7.15	2.05	642.65	77.73	28.60	1.85	930.00	200.99
24	24.56	20.14	17.17	7.15	2.63	642.23	85.00	5.80	1.75	1027.00	223.88
25	24.94	20.60	18.78	4.92	2.16	641.92	82.80	2.60	1.65	555.00	191.09
26	26.44	20.64	18.39	6.71	3.11	641.73	78.95	2.40	2.64	956.00	317.44
27	24.94	20.49	17.50	7.15	2.19	642.93	81.25	0.60	2.74	1048.00	331.48
28	24.94	20.48	17.44	5.36	1.93	643.71	79.25	6.00	2.82	874.00	322.24
29	26.83	22.11	18.50	7.60	3.56	641.18	70.72	0.00	4.01	856.00	388.04
30	26.00	22.13	18.50	6.26	2.40	639.66	73.78	13.60	2.90	884.00	299.30
TOTAL								375.40	71.99		
PROM	24.35	20.38	17.67	6.69	2.38	642.37	81.11			919.53	273.37
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por		Lluvias por					PT	DP		DM	MM	IMM	IM5		
Día		inten				jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)				(11111111)
1	1	1	2	0	2	1	0	1	4	15.80	1.92	7.99	45.00	8.80	10.56	24.00
2	1	2	1	0	3	1	0	0	4	11.00	1.42	5.90	30.00	6.80	11.66	43.20
3	1	0	0	0	0	0	1	0	1	21.60	0.58	2.43	40.00	21.60	28.80	79.20
4	0	0	1	0	1	0	0	0	1	5.00	1.25	5.21	120.00	5.00	2.40	7.20
5	0	0	2	1	0	0	2	1	3	1.60	0.58	2.43	35.00	0.80	1.20	2.40
6	0	1	1	0	0	0	1	1	2	10.20	1.42	5.90	90.00	9.80	6.19	21.60
7	0	1	1	0	2	0	0	0	2	11.00	1.58	6.60	115.00	10.80	5.40	16.80
8	1	0	2	1	2	0	0	2	4	52.40	3.33	13.89	125.00	47.60	21.97	84.00
9	0	1	3	1	2	0	1	2	5	11.80	3.25	13.54	200.00	10.80	3.16	12.00
10	0	1	2	0	2	1	0	0	3	10.20	3.67	15.28	250.00	6.40	1.51	4.80
11	0	0	2	0	0	0	0	2	2	1.00	0.33	1.39	30.00	0.80	1.37	4.80
12	0	1	4	1	3	0	2	1	6	6.20	1.92	7.99	50.00	2.40	2.62	7.20
13	0	1	1	0	2	0	0	0	2	12.80	2.67	11.11	135.00	10.40	4.46	38.40
14	0	1	0	0	0	0	1	0	1	4.60	0.58	2.43	60.00	4.60	4.25	24.00
15	2	0	3	0	1	0	2	2	5	73.20	4.33	18.06	190.00	49.20	15.14	112.80
16	0	0	5	1	1	3	2	0	6	2.80	1.17	4.86	60.00	1.00	0.92	2.40
17	0	0	1	0	0	0	1	0	1	3.40	1.33	5.56	130.00	3.40	1.51	4.80
18	1	0	6	0	0	1	2	4	7	20.80	3.67	15.28	95.00	14.80	8.88	40.80
19	0	0	1	0	0	0	0	1	1	2.40	1.00	4.17	85.00	2.40	1.60	2.40
20	0	2	5	0	3	0	1	3	7	14.80	3.00	12.50	155.00	11.00	4.13	21.60
21	0	1	0	0	0	0	0	1	1	1.20	0.17	0.69	15.00	1.20	3.60	7.20
22	0	1	0	0	1	0	0	0	1	22.00	3.75	15.63	275.00	22.00	4.71	16.80
23	1	0	0	0	0	0	0	1	1	28.60	1.92	7.99	120.00	28.60	13.73	50.40
24	1	0	2	0	1	0	2	0	3	5.80	0.58	2.43	20.00	4.80	11.52	31.20
25	0	0	4	0	0	2	1	1	4	2.60	1.08	4.51	60.00	1.20	1.11	2.40
26	0	0	1	2	0	0	3	0	3	2.40	1.00	4.17	70.00	1.40	1.12	2.40
27	0	0	3	0	1	1	0	1	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
28	0	1	1	0	2	0	0	0	2	6.00	1.75	7.29	115.00	5.80	2.90	7.20
29	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	1	1	0	0	2	0	0	0	2	13.60	1.25	5.21	45.00	9.60	11.52	24.00
MAX	2	2	6	2	3	3	3	4	7	73.20	4.33	18.06	275.00	49.20	28.80	112.80
TOTAL	10	16	54	7	31	10	22	24	87	375.40	50.75	7.05				

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