

Estación: Lago Fecha: Julio de 2008 Registros: 31 de 31

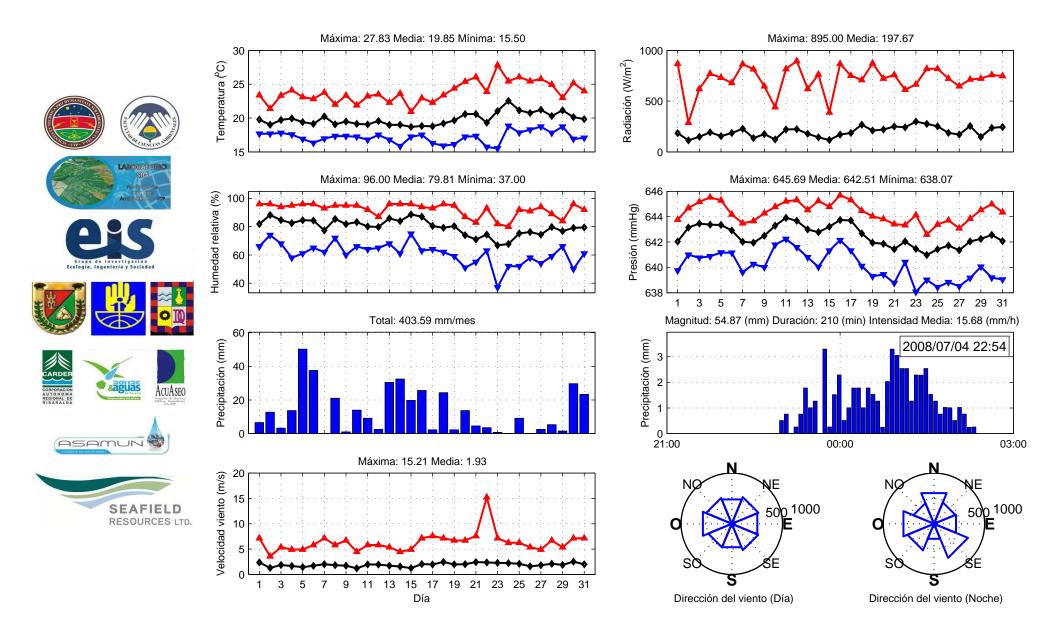
Reporte climatológico mensual

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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D.	Temperatura			Viento	Presión	Humedad	1 *		Radiación solar (W/m²)		
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	,	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.39	19.78	17.67	7.16	2.37	642.03	81.91	6.60	1.73	868.00	184.29
2	21.39	19.00	17.67	3.58	1.30	643.14	88.22	12.70	0.99	287.00	113.57
3	23.33	19.71	17.78	5.37	1.88	643.45	84.62	3.30	1.37	621.00	148.95
4	24.11	19.94	17.56	4.92	1.68	643.37	82.48	13.72	1.68	770.00	191.83
5	23.11	19.40	16.89	4.92	1.46	643.34	84.58	50.29	1.30	731.00	155.52
6	22.83	19.13	16.33	5.81	1.73	642.91	84.29	37.59	1.63	680.00	186.05
7	23.78	20.24	16.94	7.16	2.03	642.02	77.29	0.00	2.26	865.00	227.70
8	22.00	19.07	17.33	5.81	1.83	641.94	85.44	21.08	1.17	814.00	134.74
9	23.33	19.48	17.33	6.71	1.74	642.49	81.82	1.02	1.50	647.00	174.35
10	21.89	19.13	17.22	4.47	1.21	643.29	83.25	13.97	1.14	441.00	121.87
11	23.22	19.05	16.78	5.81	1.99	643.90	80.14	9.14	2.19	816.00	221.22
12	23.50	19.56	17.50	5.81	1.95	643.68	79.74	2.54	2.08	895.00	222.56
13	22.28	18.99	16.78	5.37	1.74	642.99	85.81	30.48	1.63	621.00	178.32
14	23.61	19.00	15.83	4.47	1.56	642.77	83.91	32.52	1.40	763.00	142.42
15	20.94	18.70	17.22	4.92	1.26	643.21	88.66	19.81	0.94	388.00	116.33
16	22.94	18.82	17.50	7.16	2.05	643.74	87.04	25.65	1.47	867.00	170.27
17	22.28	18.78	16.28	7.60	1.98	643.70	80.50	2.29	1.83	751.00	185.15
18	23.39	19.20	15.89	7.16	2.47	642.67	79.17	24.38	2.44	708.00	268.07
19	24.39	19.65	16.11	6.71	1.99	641.94	80.39	2.29	1.93	872.00	209.47
20	25.39	20.57	17.22	6.71	2.02	641.86	73.98	13.71	2.21	722.00	219.06
21	26.06	20.60	17.33	7.60	2.44	641.43	70.97	4.58	2.77	758.00	250.03
22	23.89	19.31	15.72	15.21	2.38	642.04	74.43	3.55	2.18	613.00	241.86
23	27.83	21.03	15.50	7.16	2.29	641.46	66.81	0.76	3.23	664.00	298.15
24	25.44	22.54	18.83	6.26	2.24	640.98	67.70	0.00	2.31	819.00	275.97
25	26.06	21.14	17.83	6.26	2.12	641.42	75.20	9.14	2.49	819.00	251.84
26	25.44	20.74	18.28	5.37	1.62	641.72	76.20	0.00	1.78	722.00	187.24
27	25.78	21.22	18.72	4.92	1.84	641.35	74.37	2.54	1.85	647.00	169.98
28	24.94	20.29	17.78	6.71	2.12	642.04	79.78	5.33	2.29	714.00	254.30
29	23.00	21.14	18.72	5.37	1.89	642.24	76.85	1.53	1.15	722.00	145.99
30	25.17	20.13	16.89	7.16	2.52	642.56	79.14	29.72	2.39	759.00	236.09
31	24.00	19.85	17.06	7.16	2.01	642.07	79.44	23.36	2.24	747.00	244.63
TOTAL								403.59	57.57		
PROM	23.83	19.85	17.18	6.35	1.93	642.51	79.81			713.26	197.67

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			- CT T	PT	D)P	DM	MM	IMM	IM5	
Dia	F	ınten M	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	1	0	2	0	1	0	2	0	3	6.60	0.83	3.47	30.00	5.08	8.71	24.36
2	1	1	5	0	2	2	3	0	7	12.70	2.42	10.07	35.00	4.57	6.86	33.60
3	0	1	2	0	0	0	1	2	3	3.30	0.83	3.47	55.00	2.03	2.03	3.12
4	1	0	0	0	0	0	0	1	1	13.72	0.92	3.82	70.00	13.72	10.98	39.60
5	2	0	6	0	4	3	0	1	8	50.29	3.50	14.58	140.00	41.15	17.03	39.60
6	2	2	0	0	3	0	1	0	4	37.59	3.25	13.54	125.00	21.34	9.85	36.60
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1	0	3	0	1	1	2	0	4	21.08	2.00	8.33	55.00	17.53	17.53	42.60
9	0	0	3	0	3	0	0	0	3	1.02	0.33	1.39	30.00	0.51	0.87	3.12
10	1	0	2	0	1	1	1	0	3	13.97	1.92	7.99	75.00	11.68	8.76	30.48
11	1	1	1	0	0	0	2	1	3	9.14	0.67	2.78	35.00	8.13	12.20	33.60
12	0	2	2	0	0	0	4	0	4	2.54	0.67	2.78	20.00	1.01	2.42	6.12
13	1	0	4	0	3	0	2	0	5	30.48	2.50	10.42	135.00	27.94	11.97	42.60
14	2	0	3	0	1	2	1	1	5	32.52	2.42	10.07	90.00	18.29	11.55	48.84
15	0	2	3	0	2	0	1	2	5	19.81	3.75	15.63	135.00	10.16	4.35	15.24
16	2	1	1	0	0	0	3	1	4	25.65	1.75	7.29	40.00	18.04	24.05	51.84
17	0	0	7	0	1	0	3	3	7	2.29	0.75	3.13	25.00	0.51	1.02	3.12
18	1	0	7	0	5	0	1	2	8	24.38	2.08	8.68	80.00	21.08	14.88	48.84
19	0	0	5	0	4	0	1	0	5	2.29	0.75	3.13	55.00	1.02	1.02	3.12
20	1	0	0	0	0	0	1	0	1	13.71	0.42	1.74	30.00	13.71	23.50	76.20
21	1	0	2	0	1	0	1	1	3	4.58	0.58	2.43	30.00	4.06	6.96	18.24
22	1	0	0	0	0	0	1	0	1	3.55	0.17	0.69	15.00	3.55	10.65	36.48
23	0	0	2	0	1	0	1	0	2	0.76	0.25	1.04	15.00	0.51	1.53	3.12
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	1	1	0	0	0	1	1	0	2	9.14	0.92	3.82	50.00	7.36	8.03	27.48
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	1	0	0	0	0	0	1	1	2.54	0.42	1.74	40.00	2.54	3.39	12.24
28	0	1	3	0	1	0	3	0	4	5.33	1.08	4.51	60.00	4.31	3.98	15.24
29	0	0	4	0	0	0	3	1	4	1.53	0.42	1.74	20.00	0.77	1.85	6.12
30	2	1	1	0	1	2	0	1	4	29.72	2.75	11.46	75.00	15.24	11.43	48.72
31	1	0	2	0	2	0	0	1	3	23.36	1.83	7.64	85.00	20.82	13.88	106.68
MAX	2	2	7	0	5	3	4	3	8	50.29	3.75	15.63	140.00	41.15	24.05	106.68
TOTAL	23	14	70	0	37	12	39	19	107	403.59	40.17	5.40				

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)