

Estación: Lago

Fecha: Enero de 2012

Registros: 31 de 31

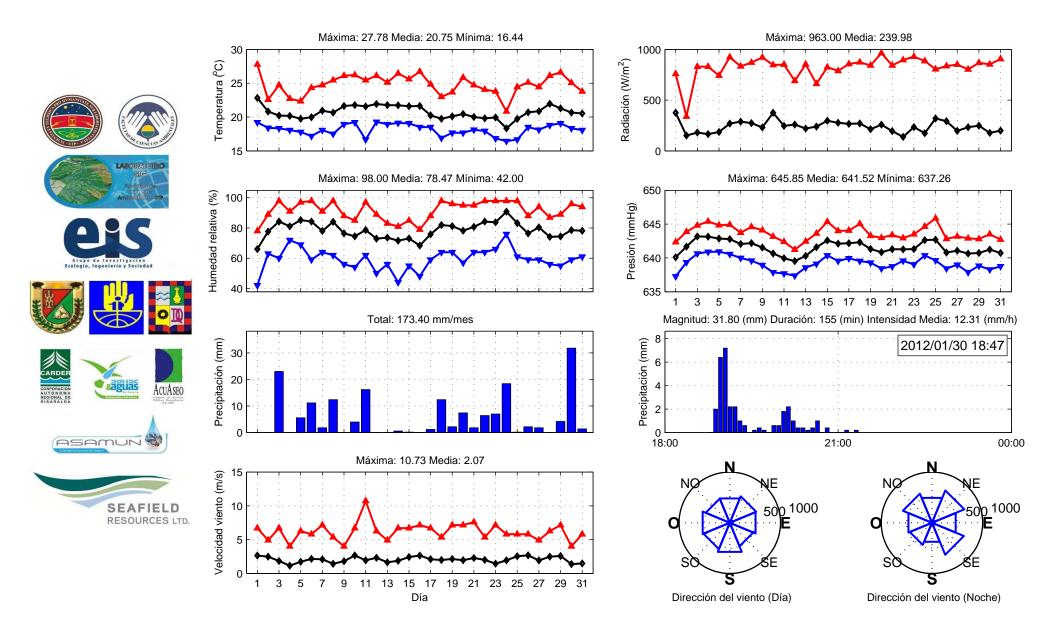
Reporte climatológico mensual

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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	Temperatura			Viento	Presión	Humedad	Precipitación	Evap (mm)	Radiación solar		
Día	(°C)		,	/s)	(mmHg)		(%) (mm)		(W/m <sup>2</sup> )		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.78	22.83	19.22	6.71	2.65	640.10	66.01	0.00	3.68	758.00	375.31
2	22.56	20.80	18.39	4.92	2.48	641.66	77.69	0.00	1.35	338.00	150.95
3	24.72	20.21	18.33	6.71	1.86	643.18	84.32	23.00	1.57	830.00	180.57
4	22.72	20.17	18.06	4.02	1.15	643.14	81.14	0.00	1.45	830.00	165.30
5	22.33	19.74	17.78	6.26	1.73	642.86	85.26	5.60	1.52	742.00	186.05
6	24.33	19.97	17.17	5.81	2.16	642.78	84.30	11.20	2.26	923.00	268.89
7	24.72	20.94	18.06	7.15	2.09	642.05	78.04	1.80	2.49	833.00	287.69
8	25.44	20.65	17.50	5.36	1.44	642.18	84.15	12.40	2.19	870.00	273.44
9	26.11	21.62	18.94	4.02	1.82	641.54	76.47	0.00	2.13	921.00	230.36
10	26.22	21.76	19.22	6.71	2.67	640.65	74.51	4.00	3.35	846.00	375.13
11	25.44	21.56	16.67	10.73	1.94	639.96	78.70	16.20	2.16	851.00	246.44
12	26.11	21.93	19.28	6.26	2.33	639.52	72.92	0.00	2.44	689.00	258.65
13	25.11	21.75	18.94	4.92	1.65	640.29	73.64	0.00	2.16	853.00	219.95
14	26.44	21.73	19.11	6.71	1.88	641.58	71.60	0.60	2.29	661.00	239.19
15	25.61	21.60	19.06	6.71	2.45	642.58	73.08	0.20	2.74	824.00	296.20
16	26.72	21.64	18.50	7.15	2.66	642.11	68.36	0.00	2.72	788.00	276.49
17	24.83	20.25	18.50	6.71	2.11	642.17	75.81	1.20	2.24	856.00	265.23
18	23.00	19.75	16.89	5.36	2.00	642.31	82.01	12.40	2.26	874.00	270.26
19	23.67	20.10	17.67	7.15	2.15	641.31	81.25	2.20	1.88	842.00	212.93
20	25.83	20.45	17.67	7.15	1.97	640.84	78.26	7.40	2.39	963.00	257.67
21	24.72	20.00	18.11	7.60	2.29	641.28	80.76	1.80	1.80	842.00	193.99
22	24.06	19.81	17.94	5.36	2.01	641.27	84.28	6.40	1.22	895.00	137.56
23	23.78	19.93	16.83	7.15	1.45	641.31	83.79	7.00	1.91	928.00	233.76
24	20.83	18.32	16.44	5.81	1.95	642.63	90.81	18.40	1.19	886.00	173.29
25	24.44	19.73	16.67	5.81	2.56	642.70	83.23	0.20	2.64	805.00	319.57
26	25.11	20.69	18.50	5.81	2.68	640.78	76.42	2.20	2.62	835.00	291.63
27	24.44	20.86	18.11	4.92	1.94	641.07	80.47	1.80	1.73	851.00	196.68
28	26.11	21.95	18.78	6.26	2.50	640.64	74.15	0.00	2.26	802.00	232.80
29	26.61	21.28	19.06	7.15	2.59	640.72	74.40	4.20	2.36	868.00	248.39
30	25.06	20.66	18.33	4.02	1.39	641.24	78.61	31.80	1.52	853.00	176.69
31	23.78	20.53	18.06	5.81	1.49	640.73	78.19	1.40	1.78	905.00	198.43
TOTAL								173.40	66.30		
PROM	24.79	20.75	18.12	6.20	2.07	641.52	78.47		1 1 1	824.58	239.98
		1	1	1	1	1					

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por					PT	D	D.	DM	MM	IMM	IM5	
Día	intensidad			jornada			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)		
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(111111)	(111111/11)	(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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	2	0	2	0	2	0	1	1	4	23.00	2.08	8.68	95.00	12.40	7.44	26.40
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	0	2	2	1	2	0	1	2	5	5.60	1.42	5.90	45.00	3.00	3.60	7.20
6	0	1	2	1	4	0	0	0	4	11.20	2.17	9.03	70.00	7.80	6.24	28.80
7	0	1	1	0	0	0	2	0	2	1.80	0.33	1.39	20.00	1.60	3.84	9.60
8	0	1	3	0	1	1	1	1	4	12.40	2.92	12.15	135.00	7.20	3.09	16.80
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	0	1	1	2	4.00	0.83	3.47	50.00	3.80	4.15	9.60
11	1	0	2	0	1	1	1	0	3	16.20	0.67	2.78	35.00	15.80	23.70	86.40
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	0	1	0	0	1	0	0	1	0.60	0.17	0.69	20.00	0.60	1.44	4.80
15	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	0	4	0	0	0	4	0	4	1.20	0.42	1.74	10.00	0.40	1.60	4.80
18	0	2	2	0	1	1	1	1	4	12.40	2.67	11.11	165.00	10.00	3.53	16.80
19	0	0	2	0	1	0	0	1	2	2.20	0.92	3.82	60.00	2.00	1.85	2.40
20	1	0	1	1	3	0	0	0	3	7.40	0.83	3.47	40.00	6.80	9.07	24.00
21	0	0	2	2	0	0	1	3	4	1.80	0.67	2.78	40.00	0.60	0.80	2.40
22	0	1	1	0	1	0	1	0	2	6.40	0.92	3.82	60.00	6.20	5.72	14.40
23	0	1	2	1	2	0	1	1	4	7.00	1.67	6.94	30.00	3.80	6.51	19.20
24	0	1	3	0	1	2	1	0	4	18.40	4.08	17.01	100.00	9.60	5.49	16.80
25	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
26	0	0	1	0	0	0	1	0	1	2.20	0.58	2.43	55.00	2.20	2.20	7.20
27	0	0	4	0	2	0	0	2	4	1.80	0.67	2.78	45.00	0.80	0.96	2.40
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	1	0	0	0	0	0	1	0	1	4.20	0.33	1.39	30.00	4.20	7.20	28.80
30	1	0	0	0	0	0	0	1	1	31.80	1.92	7.99	155.00	31.80	11.93	86.40
31	0	0	1	0	0	0	1	0	1	1.40	0.42	1.74	40.00	1.40	1.87	4.80
MAX	2	2	4	2	4	2	4	3	5	31.80	4.08	17.01	165.00	31.80	23.70	86.40
TOTAL	6	11	39	6	23	6	19	14	62	173.40	26.83	3.61				

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)