

Estación: Lago Fecha: Abril de 2012 Registros: 30 de 30

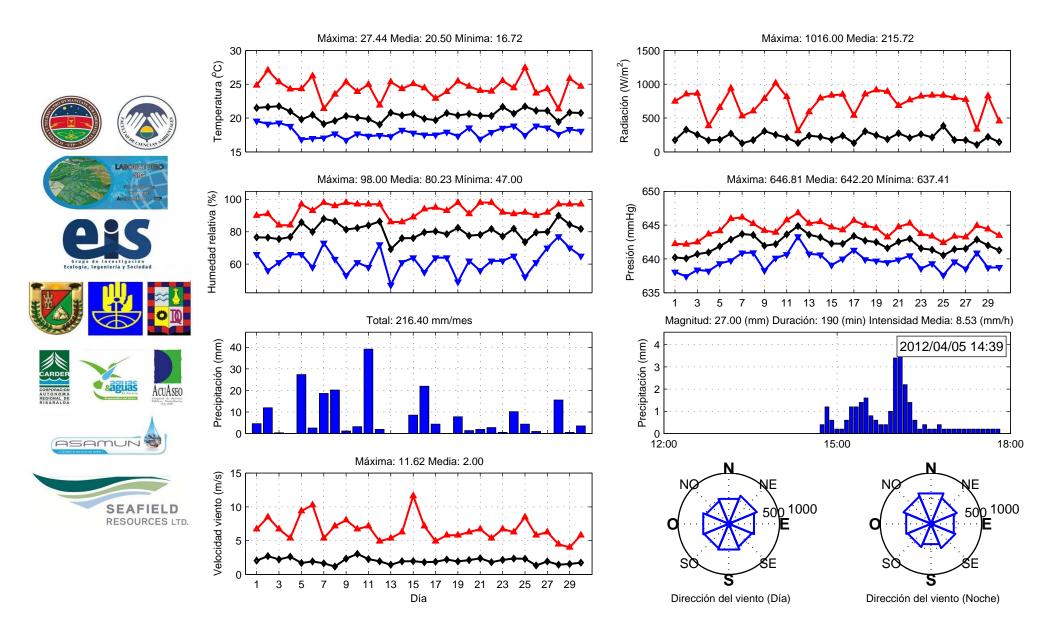
Reporte climatológico mensual

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	Radiació	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	, ,	(mm) (W/m		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.83	21.50	19.56	6.71	2.05	640.21	76.51	4.60	1.78	747.00	172.68
2	27.06	21.62	19.11	8.49	2.72	640.07	76.40	12.00	3.02	854.00	327.76
3	25.33	21.75	19.28	6.71	2.22	640.70	75.45	0.40	2.46	863.00	254.22
4	24.28	20.96	18.78	5.36	2.63	640.96	76.75	0.00	1.63	383.00	170.46
5	24.33	19.79	16.83	9.39	1.70	641.88	85.82	27.40	1.17	654.00	179.73
6	26.22	20.47	17.00	10.28	1.94	642.86	79.90	2.60	2.08	939.00	269.93
7	21.39	19.12	17.06	5.36	1.65	643.69	88.00	18.60	1.02	529.00	125.99
8	23.50	19.58	17.67	7.15	1.17	643.53	86.49	20.20	1.30	603.00	173.45
9	25.33	20.31	16.72	8.05	2.34	641.94	81.36	1.20	2.72	788.00	307.04
10	23.89	20.08	17.67	6.71	3.05	642.18	82.27	3.20	2.16	1016.00	251.44
11	24.94	19.83	17.33	7.15	2.27	643.64	83.98	39.20	1.80	814.00	209.02
12	21.89	19.03	17.44	4.92	1.95	644.86	86.35	2.00	1.02	309.00	130.15
13	25.33	20.78	17.28	5.36	1.44	643.58	69.21	0.00	2.34	591.00	239.29
14	24.33	20.39	18.22	6.26	1.95	643.19	76.00	0.00	2.03	795.00	220.26
15	25.06	20.61	17.78	11.62	1.96	642.27	76.06	8.60	1.75	835.00	179.86
16	24.44	19.90	17.50	7.15	1.81	642.24	79.61	22.00	2.08	849.00	238.48
17	22.89	19.67	17.50	4.92	1.88	643.39	80.27	4.40	1.32	538.00	128.18
18	23.89	20.73	17.94	5.81	2.21	642.69	78.53	0.00	2.80	853.00	302.88
19	25.44	20.38	17.33	5.81	1.94	642.49	82.47	7.80	2.13	914.00	245.24
20	24.67	20.62	18.56	6.26	2.12	641.60	77.58	1.40	1.83	891.00	186.76
21	24.06	20.33	16.89	6.71	2.39	642.53	78.14	2.00	2.49	682.00	273.17
22	23.94	20.32	17.89	5.36	1.82	642.98	81.67	2.80	1.98	766.00	206.10
23	25.50	21.65	18.50	6.71	2.16	641.54	77.08	0.60	2.36	823.00	261.18
24	24.44	20.65	18.83	6.26	2.35	641.35	81.90	10.20	1.91	835.00	214.90
25	27.44	21.72	17.44	8.49	2.33	640.53	73.55	4.40	3.63	835.00	384.13
26	23.67	21.09	18.83	5.81	1.33	641.43	79.58	1.00	1.55	800.00	175.72
27	24.33	21.09	18.56	6.26	1.92	641.52	79.91	0.00	1.70	773.00	173.94
28	21.33	19.43	17.61	4.47	1.45	642.86	89.91	15.60	0.74	332.00	104.84
29	25.83	20.81	18.33	4.02	1.54	641.99	84.41	0.60	1.91	826.00	220.99
30	24.67	20.75	18.06	5.81	1.76	641.27	81.78	3.60	1.27	455.00	143.86
TOTAL								216.40	57.98		
PROM	24.48	20.50	17.92	6.65	2.00	642.20	80.23	20.00		729.73	215.72

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				РТ	PT Di		DM	MM	IMM	IM5	
Día					jornada				CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(11111)	(111111/11)	(111111/11)
1	0	1	2	0	1	0	2	0	3	4.60	1.17	4.86	85.00	4.00	2.67	12.00
2	1	0	0	0	0	0	1	0	1	12.00	0.67	2.78	45.00	12.00	14.40	40.80
3	0	0	2	0	0	0	2	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
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	1	0	0	1	0	0	1	1	2	27.40	3.25	13.54	190.00	27.00	8.31	45.60
6	0	1	1	0	0	1	0	1	2	2.60	0.42	1.74	25.00	2.40	4.80	12.00
7	0	1	1	0	1	0	1	0	2	18.60	3.50	14.58	230.00	18.40	4.70	24.00
8	1	1	2	0	0	0	1	3	4	20.20	1.92	7.99	50.00	16.60	18.11	67.20
9	0	0	2	0	0	0	1	1	2	1.20	0.50	2.08	35.00	0.80	1.20	2.40
10	0	0	4	0	2	1	1	0	4	3.20	1.00	4.17	75.00	2.60	1.95	7.20
11	2	0	4	0	0	1	1	4	6	39.20	3.42	14.24	140.00	24.20	10.01	40.80
12	0	0	5	1	3	3	0	0	6	2.00	0.75	3.13	30.00	0.80	1.37	4.80
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	1	0	1	0	0	0	2	0	2	8.60	1.00	4.17	60.00	8.40	7.75	24.00
16	2	0	2	0	1	1	2	0	4	22.00	1.50	6.25	65.00	15.00	12.86	64.80
17	0	1	0	0	0	1	0	0	1	4.40	0.92	3.82	75.00	4.40	3.30	12.00
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	0	1	2	0	2	1	0	0	3	7.80	2.00	8.33	125.00	6.40	2.95	14.40
20	0	0	1	0	0	0	1	0	1	1.40	0.42	1.74	40.00	1.40	1.87	4.80
21	0	0	3	0	3	0	0	0	3	2.00	0.83	3.47	55.00	1.60	1.60	2.40
22	0	1	2	0	1	0	1	1	3	2.80	0.58	2.43	30.00	2.40	4.11	12.00
23	0	0	1	0	0	0	0	1	1	0.60	0.17	0.69	15.00	0.60	1.80	4.80
24	0	1	1	1	0	1	2	0	3	10.20	1.67	6.94	105.00	9.60	5.24	24.00
25	0	1	1	0	0	0	0	2	2	4.40	0.83	3.47	55.00	4.20	4.20	9.60
26	0	0	3	0	1	1	1	0	3	1.00	0.42	1.74	25.00	0.60	1.20	2.40
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	1	0	3	1	2	3	0	0	5	15.60	3.83	15.97	225.00	7.60	1.98	7.20
29	0	0	2	0	1	0	1	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
30	0	0	5	0	2	1	0	2	5	3.60	1.25	5.21	70.00	2.20	1.76	4.80
MAX	2	1	5	1	3	3	2	4	6	39.20	3.83	15.97	230.00	27.00	18.11	67.20
TOTAL	9	9	50	4	20	15	21	16	72	216.40	32.33	4.49				

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