

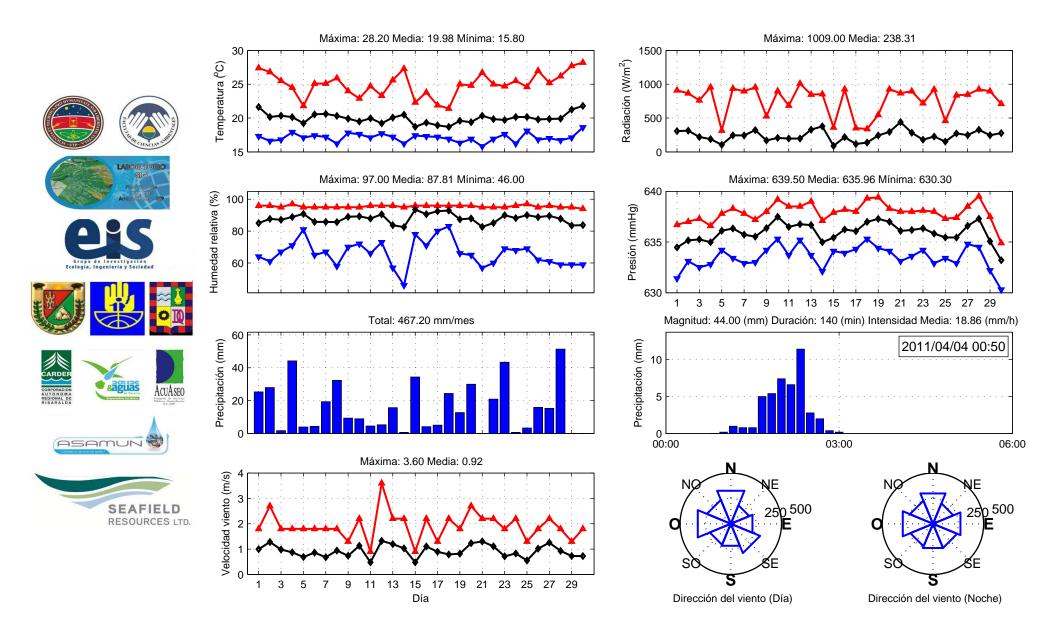
Estación: Acuaseo Fecha: Abril de 2011 Registros: 30 de 30 Reporte climatológico mensual

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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Día	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.40	21.63	17.30	1.80	1.00	634.46	85.08	25.40	2.58	909.00	306.71
2	26.80	20.14	16.60	2.70	1.28	635.15	87.71	28.00	2.51	865.00	312.64
3	25.50	20.35	16.80	1.80	0.98	635.26	87.15	1.80	1.82	761.00	219.61
4	24.50	20.14	17.90	1.80	0.88	634.98	88.90	44.20	1.57	956.00	188.92
5	21.80	19.23	17.10	1.80	0.69	636.10	90.85	4.00	0.80	314.00	103.68
6	25.10	20.55	17.40	1.80	0.86	636.34	85.79	4.40	1.96	936.00	244.39
7	25.10	20.61	17.20	1.80	0.68	635.72	85.81	19.40	1.92	897.00	242.14
8	25.90	20.31	16.20	1.80	0.94	635.53	85.65	32.40	2.47	953.00	320.93
9	24.00	19.90	17.80	1.30	0.74	636.37	89.01	9.40	1.29	527.00	167.96
10	22.90	19.47	17.60	2.20	1.13	637.48	89.29	9.00	1.67	898.00	206.46
11	24.70	19.96	17.10	0.90	0.48	636.49	87.90	4.60	1.49	685.00	195.55
12	23.30	19.22	17.70	3.60	1.32	636.75	90.52	5.40	1.54	1009.00	196.78
13	25.60	20.06	17.20	2.20	1.20	636.67	83.73	15.80	2.89	847.00	327.40
14	27.30	20.50	16.20	2.20	1.03	634.97	82.52	0.80	3.09	854.00	377.04
15	22.30	18.70	17.40	0.90	0.48	635.42	93.56	34.40	0.64	361.00	87.57
16	23.80	19.32	17.30	2.20	1.11	636.24	90.62	4.20	1.70	925.00	218.04
17	21.90	18.91	17.20	1.30	0.90	636.06	92.49	5.20	0.96	350.00	115.27
18	21.40	18.70	16.90	2.20	0.79	636.99	92.88	24.40	1.00	338.00	137.39
19	25.00	19.59	16.30	1.80	0.82	637.28	87.41	12.80	1.85	547.00	241.69
20	24.80	19.37	16.90	2.70	1.23	637.00	87.97	30.00	2.32	925.00	295.13
21	26.70	20.33	15.80	2.20	1.30	636.09	82.67	0.00	3.55	867.00	439.46
22	25.00	19.84	16.90	2.20	1.11	636.18	85.14	21.00	2.34	897.00	281.05
23	24.70	19.71	17.60	1.80	0.72	636.35	89.97	43.40	1.49	719.00	180.03
24	25.50	20.16	16.20	2.20	0.83	635.83	88.20	0.80	1.72	922.00	225.26
25	24.60	20.15	18.10	1.30	0.55	635.45	90.08	3.40	1.18	460.00	151.53
26	27.00	19.79	16.80	1.80	1.02	635.44	88.83	16.00	2.05	835.00	271.17
27	25.20	19.86	17.00	2.20	1.26	636.59	89.55	15.40	1.99	847.00	247.00
28	26.20	19.90	16.70	1.80	0.93	637.29	87.76	51.40	2.62	924.00	325.55
29	27.70	21.25	17.10	1.30	0.73	635.06	83.53	0.20	2.17	896.00	245.97
30	28.20	21.79	18.60	1.80	0.73	633.21	83.77	0.00	2.32	710.00	276.92
TOTAL								467.20	57.50		
PROM	25.00	19.98	17.10	1.91	0.92	635.96	87.81			764.47	238.31

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CL I	PT	D	P	DM	MM	IMM	IM5	
Dia	F	ınten	sidad L	LL	Md	Jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	1	1	0	3	4	1	0	0	5	25.40	2.17	9.03	50.00	18.40	18.40	50.40
2	2	0	1	1	3	0	1	0	4	28.00	2.83	11.81	70.00	14.40	10.80	37.20
3	0	0	1	1	1	0	1	0	2	1.80	0.83	3.47	50.00	1.60	1.60	3.60
4	1	0	0	1	1	0	0	1	2	44.20	2.33	9.72	140.00	44.00	17.60	68.40
5	0	0	2	3	0	0	3	2	5	4.00	1.83	7.64	90.00	2.20	1.32	3.60
6	0	1	0	0	0	0	0	1	1	4.40	0.67	2.78	50.00	4.40	4.40	19.20
7	0	2	0	1	1	1	0	1	3	19.40	3.67	15.28	170.00	10.40	3.47	13.20
8	1	0	2	1	2	0	1	1	4	32.40	5.17	21.53	160.00	26.60	9.39	39.60
9	0	0	3	4	3	0	2	2	7	9.40	4.83	20.14	260.00	7.80	1.73	4.80
10	0	0	1	1	1	1	0	0	2	9.00	4.50	18.75	290.00	8.80	1.76	6.00
11	0	0	2	9	2	0	3	6	11	4.60	3.33	13.89	30.00	0.80	1.20	3.60
12	0	0	4	3	4	0	2	1	7	5.40	3.00	12.50	130.00	3.40	1.46	3.60
13	0	1	2	1	4	0	0	0	4	15.80	3.50	14.58	120.00	13.00	6.00	18.00
14	0	0	0	1	0	0	1	0	1	0.80	0.50	2.08	50.00	0.80	0.80	2.40
15	0	3	1	4	2	2	3	1	8	34.40	8.17	34.03	220.00	18.60	4.85	27.60
16	0	0	2	3	0	2	2	1	5	4.20	2.50	10.42	70.00	2.00	1.50	3.60
17	0	0	1	2	2	0	1	0	3	5.20	2.50	10.42	150.00	4.80	1.80	4.80
18	0	2	1	5	1	2	2	3	8	24.40	8.17	34.03	270.00	14.80	3.17	6.00
19	1	0	1	2	2	0	0	2	4	12.80	2.00	8.33	70.00	11.60	8.70	30.00
20	0	3	1	2	2	0	2	2	6	30.00	6.67	27.78	180.00	17.40	5.49	22.80
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	1	0	2	2	0	1	0	3	21.00	3.83	15.97	230.00	20.60	5.15	22.80
23	2	0	1	0	0	0	1	2	3	43.40	2.83	11.81	100.00	34.60	18.87	46.80
24	0	0	1	1	1	0	1	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
25	0	1	0	4	0	3	0	2	5	3.40	1.67	6.94	50.00	2.20	2.20	4.80
26	1	0	0	2	0	0	2	0	3	16.00	2.50	10.42	100.00	14.80	8.07	56.40
27	0	2	0	2	1	1	1	1	4	15.40	2.83	11.81	80.00	8.00	5.33	19.20
28	2	0	1	2	3	0	1	1	5	51.40	4.67	19.44	200.00	42.60	12.17	49.20
29	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	2	3	4	9	4	3	3	6	11	51.40	8.17	34.03	290.00	44.00	18.87	68.40
TOTAL	11	17	28	62	42	14	31	30	118	467.20	88.17	12.25				

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