

Estación: Acuaseo

Fecha: Septiembre de 2010

Registros: 30 de 30

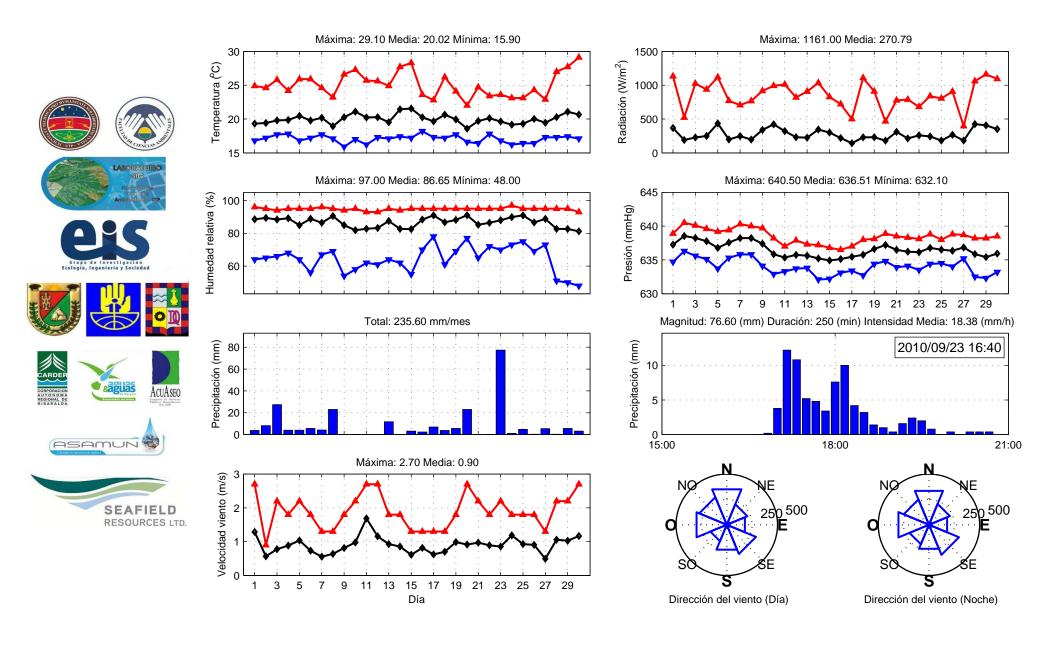
Reporte climatológico mensual

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		ra	Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiació	
Día	(°C)			(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/1	n^2)
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.90	19.31	16.80	2.70	1.29	637.25	88.51	3.80	2.78	1132.00	367.13
2	24.60	19.41	17.20	0.90	0.57	638.53	89.39	8.20	1.44	522.00	190.44
3	25.80	19.79	17.70	2.20	0.78	638.24	88.37	27.40	1.87	1024.00	227.90
4	24.20	19.86	17.80	1.80	0.89	637.76	89.17	4.00	1.93	937.00	248.10
5	25.90	20.47	16.80	2.20	1.04	636.78	84.93	4.00	3.53	1118.00	434.82
6	25.90	19.77	17.20	1.80	0.74	637.57	88.88	5.60	1.49	770.00	198.10
7	24.60	20.18	17.70	1.30	0.56	638.22	86.45	4.20	1.91	706.00	246.71
8	23.20	18.94	17.10	1.30	0.64	638.23	90.53	23.00	1.48	767.00	196.15
9	26.60	20.26	15.90	1.80	0.81	637.38	84.90	0.00	2.73	916.00	338.81
10	27.30	21.08	17.00	2.20	0.98	635.84	81.87	0.00	3.35	992.00	420.99
11	25.70	20.23	16.20	2.70	1.69	635.35	82.74	0.00	2.78	1011.00	321.00
12	25.60	20.26	17.30	2.70	1.16	635.75	83.24	0.00	1.90	819.00	231.42
13	24.90	19.53	17.10	1.80	0.93	635.63	87.52	11.80	1.81	906.00	223.68
14	27.70	21.43	17.40	1.80	0.85	635.21	82.73	0.00	2.85	1034.00	344.31
15	28.30	21.55	17.20	1.30	0.61	634.91	82.59	3.20	2.49	825.00	299.54
16	23.60	20.24	18.20	1.30	0.82	635.12	88.36	2.40	1.81	721.00	219.75
17	22.80	19.65	17.30	1.30	0.62	635.46	90.94	7.00	1.10	500.00	141.44
18	26.20	20.64	17.20	1.30	0.70	635.77	86.67	3.80	1.85	1108.00	229.38
19	24.10	19.94	17.70	1.80	0.99	636.62	88.18	5.60	1.81	908.00	230.42
20	22.00	18.58	16.60	2.70	0.92	637.20	91.04	23.00	1.23	465.00	180.47
21	24.70	19.70	16.40	2.20	0.97	636.48	85.23	0.00	2.45	777.00	310.06
22	23.40	20.13	17.80	1.80	0.89	636.22	86.44	0.20	1.78	788.00	212.76
23	23.60	19.63	16.80	2.20	0.85	636.13	87.95	77.40	1.88	681.00	258.41
24	23.10	19.16	16.20	1.80	1.19	636.77	89.87	1.20	1.90	838.00	242.18
25	23.10	19.29	16.40	1.80	0.93	636.51	90.97	4.80	1.39	804.00	181.86
26	24.30	20.02	16.40	1.80	0.91	636.35	86.63	0.40	2.17	906.00	266.18
27	22.90	19.44	17.30	1.30	0.50	636.84	88.79	5.40	1.36	395.00	181.27
28	27.00	20.29	17.30	2.20	1.06	635.85	82.68	0.40	3.31	1061.00	423.94
29	27.70	21.07	17.40	2.20	1.03	635.42	82.63	5.60	3.28	1161.00	406.36
30	29.10	20.66	17.10	2.70	1.17	635.94	81.22	3.20	2.79	1094.00	350.07
TOTAL								235.60	64.45		
PROM	25.09	20.02	17.08	1.90	0.90	636.51	86.65			856.20	270.79

Cuadro 1: Resúmen de análisis climatológico

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		Lluvi				Lluvia				PT	D	iD	DM	MM	IMM	IM5
Día		inten				jorn	ada		CLL	(mm)				(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(min)	(11111)	(11111/11)	(11111111)
1	0	0	2	1	0	0	1	2	3	3.80	2.17	9.03	90.00	2.40	1.44	3.60
2	0	1	0	5	2	3	1	0	6	8.20	3.50	14.58	50.00	4.60	4.60	13.20
3	1	0	0	1	0	0	1	1	2	27.40	2.00	8.33	120.00	27.20	12.55	48.00
4	0	0	2	3	1	0	4	0	5	4.00	2.33	9.72	80.00	1.80	1.20	4.80
5	0	1	2	2	3	0	2	0	5	4.00	1.33	5.56	40.00	2.20	2.64	9.60
6	0	1	1	3	1	4	0	0	5	5.60	2.00	8.33	70.00	2.80	2.10	4.80
7	0	1	0	4	1	2	0	2	5	4.20	1.83	7.64	30.00	2.20	3.30	8.40
8	0	2	4	4	5	1	3	1	10	23.00	8.00	33.33	90.00	7.40	4.44	18.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	0	0	2	0	2	11.80	1.83	7.64	110.00	11.60	5.80	19.20
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	0	0	2	1	1	0	0	2	3	3.20	1.50	6.25	70.00	1.80	1.35	3.60
16	0	0	1	2	1	0	1	0	3	2.40	1.83	7.64	90.00	1.60	0.96	2.40
17	0	0	2	1	0	2	1	0	3	7.00	3.33	13.89	140.00	5.20	2.08	3.60
18	0	1	0	2	0	0	1	2	3	3.80	1.17	4.86	40.00	2.80	3.36	8.40
19	0	1	2	3	0	0	2	3	6	5.60	2.33	9.72	50.00	2.80	2.80	8.40
20	0	2	2	1	2	0	2	1	5	23.00	8.00	33.33	250.00	11.20	2.58	6.00
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	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
23	1	0	0	3	1	0	2	1	4	77.40	4.33	18.06	250.00	76.60	17.68	73.20
24	0	0	0	4	0	0	4	0	4	1.20	1.00	4.17	30.00	0.40	0.60	1.20
25	0	0	2	1	0	0	2	1	3	4.80	2.50	10.42	100.00	2.80	1.53	4.80
26	0	0	0	2	1	0	0	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
27	0	1	2	1	2	1	1	0	4	5.40	1.17	4.86	30.00	3.60	5.40	14.40
28	0	0	0	2	0	0	1	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
29	0	1	0	0	1	0	0	0	1	5.60	0.67	2.78	50.00	5.60	5.60	12.00
30	0	1	0	0	0	0	1	0	1	3.20	0.67	2.78	50.00	3.20	3.20	9.60
MAX	1	2	4	5	5	4	4	3	10	77.40	8.00	33.33	250.00	76.60	17.68	73.20
TOTAL	2	14	24	48	22	14	32	18	88	235.60	54.33	7.55				

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