

Estación: San Jose

Fecha: Septiembre de 2011

Registros: 30 de 30

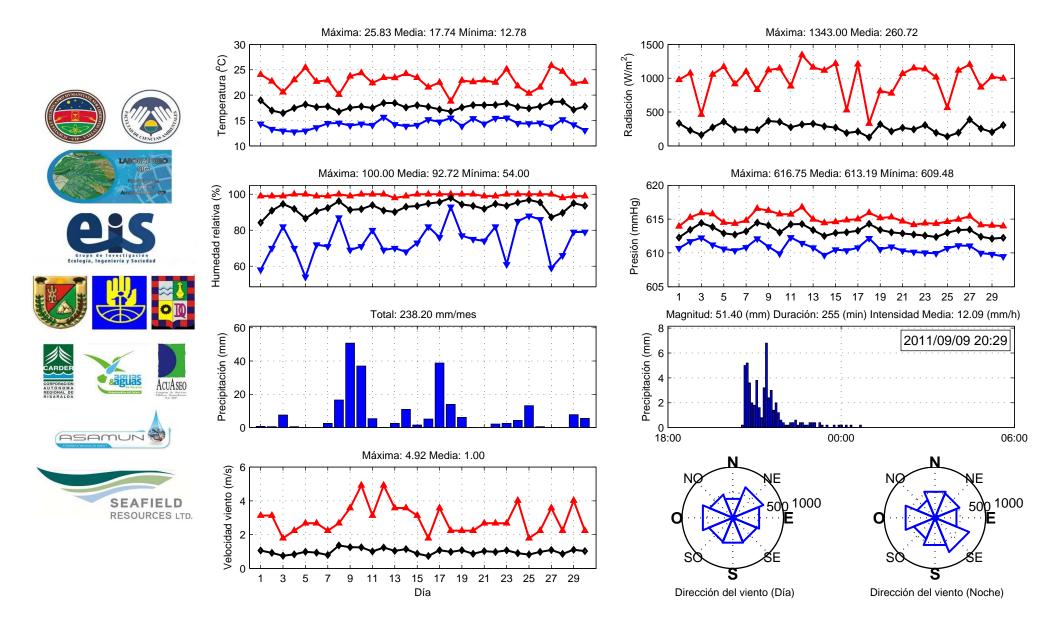
Reporte climatológico mensual

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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	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiació	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/ı		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.06	18.96	14.33	3.13	1.06	612.26	84.18	0.80	2.59	977.00	334.88
2	22.72	16.96	13.28	3.13	0.92	613.43	90.91	0.60	1.80	1074.00	228.86
3	20.56	16.45	12.94	1.79	0.75	614.42	94.57	7.60	1.14	462.00	160.89
4	23.00	17.43	12.78	2.24	0.84	613.83	91.90	0.60	2.01	1055.00	272.15
5	25.44	18.17	12.94	2.68	0.99	612.89	86.57	0.20	2.80	1169.00	358.04
6	22.67	17.64	13.61	2.68	0.94	612.69	90.65	0.00	1.78	914.00	240.73
7	22.94	17.75	14.44	2.24	0.80	613.20	92.37	2.60	1.75	1097.00	240.74
8	20.11	16.74	14.50	2.68	1.36	614.48	96.19	16.60	1.68	831.00	234.55
9	23.72	17.50	14.00	3.58	1.26	614.08	91.30	50.80	2.69	1120.00	366.80
10	24.39	17.76	14.33	4.92	1.25	613.02	91.72	37.00	2.67	1148.00	354.63
11	22.39	17.46	14.06	3.13	1.01	614.22	93.95	5.40	2.03	882.00	274.96
12	23.44	18.45	15.67	4.92	1.24	614.27	90.94	0.00	2.54	1343.00	316.01
13	23.39	18.44	14.22	3.58	1.04	613.37	90.17	2.60	2.52	1160.00	328.13
14	24.22	17.57	13.89	3.58	1.15	612.49	93.02	11.00	2.16	1114.00	287.72
15	23.44	18.00	14.06	3.13	0.88	612.95	93.48	1.60	2.03	1216.00	270.80
16	21.56	17.69	15.17	1.79	0.74	613.04	94.85	5.20	1.35	529.00	189.90
17	22.50	17.18	14.72	3.58	1.08	613.28	95.64	38.80	1.45	1206.00	210.95
18	18.78	16.77	15.50	2.24	0.98	614.31	97.97	14.00	0.84	330.00	125.03
19	22.89	17.57	13.89	2.24	1.08	613.40	94.37	6.20	2.31	810.00	319.63
20	22.61	18.02	15.39	2.24	0.87	613.04	93.51	0.00	1.58	777.00	213.70
21	22.94	18.02	14.33	2.68	1.03	612.88	91.87	0.00	1.93	1067.00	266.24
22	22.50	18.08	15.44	2.68	0.98	612.72	94.63	2.20	1.73	1151.00	242.40
23	25.11	18.35	15.50	2.68	1.08	612.56	93.53	2.60	2.34	1136.00	307.00
24	21.78	17.67	14.44	4.02	0.90	612.35	95.61	4.40	1.35	1014.00	192.82
25	20.33	17.38	14.39	1.79	0.82	612.98	96.87	13.20	1.02	563.00	136.80
26	21.56	17.78	14.50	2.24	0.98	613.38	95.49	0.60	1.45	1116.00	194.32
27	25.83	18.67	13.72	3.58	1.09	613.44	87.27	0.20	2.92	1202.00	387.99
28	24.67	18.72	15.17	2.24	0.86	612.40	89.66	0.00	1.96	867.00	254.68
29	22.33	17.11	14.17	4.02	1.11	612.11	95.00	7.80	1.42	1021.00	203.63
30	22.67	17.79	13.06	2.24	1.03	612.23	93.59	5.60	2.36	997.00	306.49
TOTAL								238.20	58.20		
PROM	22.82	17.74	14.28	2.92	1.00	613.19	92.72			978.27	260.72
	1	I			1	1			1	1	

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	D	P	DM	MM	IMM	IM5	
Día		inten				jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)				
1	0	0	2	0	2	0	0	0	2	0.80	0.25	1.04	15.00	0.60	1.80	4.80
2	0	0	1	0	0	0	1	0	1	0.60	0.17	0.69	20.00	0.60	1.44	4.80
3	0	2	1	0	1	0	2	0	3	7.60	1.08	4.51	60.00	4.40	4.06	14.40
4	0	0	3	0	1	1	0	1	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
5	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	0	3	0	0	0	3	0	3	2.60	0.58	2.43	50.00	2.00	2.18	7.20
8	0	1	4	1	1	2	2	1	6	16.60	4.42	18.40	200.00	10.80	3.16	14.40
9	1	0	1	0	0	1	0	1	2	50.80	3.08	12.85	210.00	50.60	14.12	81.60
10	1	1	3	1	3	0	1	2	6	37.00	3.33	13.89	110.00	28.40	14.82	31.20
11	0	1	2	0	1	0	2	0	3	5.40	1.50	6.25	135.00	4.00	1.71	7.20
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	2	0	0	0	3	0	3	2.60	0.58	2.43	25.00	1.80	3.60	9.60
14	0	2	3	0	1	0	3	1	5	11.00	1.75	7.29	55.00	6.80	6.80	26.40
15	0	0	3	0	1	0	2	0	3	1.60	0.58	2.43	20.00	0.80	1.92	4.80
16	1	0	3	0	0	1	2	1	4	5.20	0.83	3.47	30.00	4.20	7.20	26.40
17	1	0	7	0	1	1	4	2	8	38.80	2.42	10.07	70.00	34.00	27.20	108.00
18	0	1	6	1	0	2	2	4	8	14.00	3.08	12.85	65.00	8.00	6.86	26.40
19	0	1	6	0	1	0	5	1	7	6.20	1.42	5.90	55.00	4.60	4.60	24.00
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0	0	0	2	0	2	2.20	0.75	3.13	30.00	1.20	2.06	4.80
23	0	1	2	0	1	1	1	0	3	2.60	0.58	2.43	40.00	2.20	2.93	7.20
24	0	1	4	0	0	3	2	0	5	4.40	1.00	4.17	55.00	3.60	3.60	9.60
25	2	1	4	0	1	1	4	1	7	13.20	1.42	5.90	45.00	7.40	8.88	28.80
26	0	0	3	0	0	1	1	1	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
27	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	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	0	1	2	0	0	1	2	0	3	7.80	1.50	6.25	60.00	6.00	5.54	19.20
30	1	0	2	0	2	0	1	0	3	5.60	0.50	2.08	25.00	5.20	10.40	33.60
MAX	2	2	7	1	3	3	5	4	8	50.80	4.42	18.40	210.00	50.60	27.20	108.00
TOTAL	7	14	71	3	18	16	45	16	95	238.20	31.50	4.38				

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