

Estación: San Jose

Fecha: Septiembre de 2013

Registros: 30 de 30

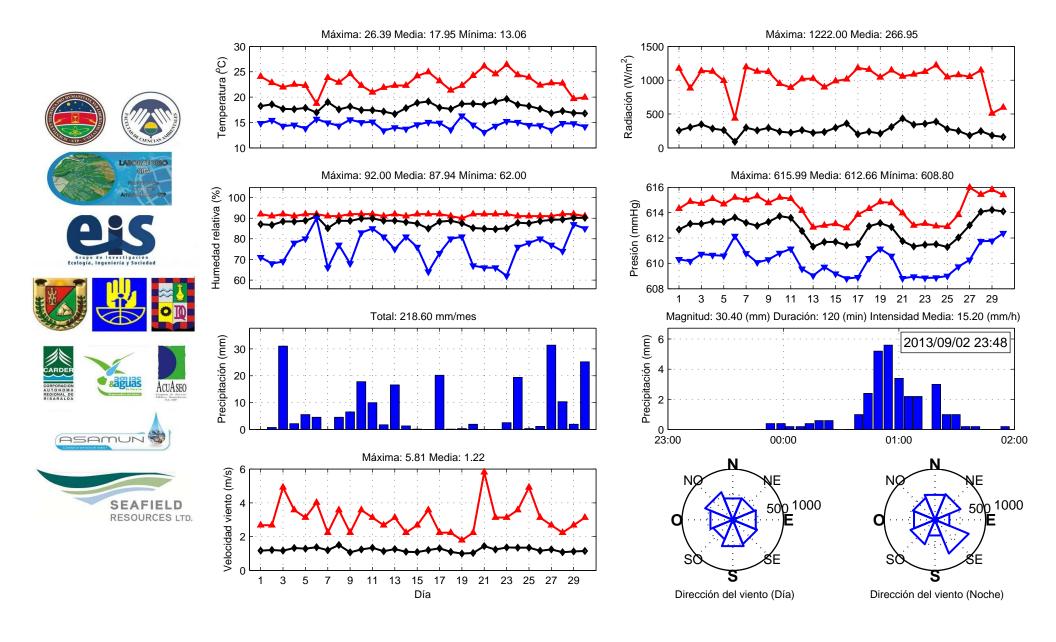
Reporte climatológico mensual

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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D.	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap		
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m <sup>2</sup> )		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.06	18.23	14.83	2.68	1.17	612.67	87.11	0.00	1.91	1174.00	254.68
2	22.83	18.58	15.44	2.68	1.21	613.12	86.68	0.80	1.85	881.00	304.72
3	21.94	17.68	14.28	4.92	1.17	613.11	88.42	31.00	2.54	1137.00	348.15
4	22.50	17.61	14.50	3.58	1.33	613.31	88.38	2.20	2.01	1130.00	285.02
5	22.28	17.87	13.83	3.13	1.29	613.27	88.83	5.60	1.85	993.00	261.14
6	18.72	16.95	15.67	4.02	1.38	613.62	90.89	4.60	0.56	436.00	89.33
7	23.83	19.02	14.94	2.24	1.20	613.20	85.16	0.00	2.24	1195.00	297.83
8	22.89	17.58	14.33	3.58	1.51	612.96	88.74	4.60	1.88	1130.00	257.50
9	24.61	18.14	15.56	2.24	1.08	613.27	88.67	6.60	2.03	1125.00	294.54
10	22.28	17.44	15.00	3.58	1.25	613.73	89.82	17.80	1.63	949.00	238.25
11	20.94	17.42	15.11	3.13	1.34	613.59	89.93	10.00	1.60	891.00	223.82
12	21.89	17.15	13.39	2.68	1.14	612.55	88.74	1.80	1.91	1018.00	262.15
13	22.28	16.68	14.00	3.13	1.26	611.32	88.82	16.60	1.65	1025.00	220.63
14	22.28	17.83	13.72	2.24	1.10	611.69	88.11	1.40	1.75	896.00	233.82
15	24.17	18.86	14.56	2.68	1.09	611.70	87.42	0.20	2.21	988.00	296.46
16	24.94	19.15	15.06	3.58	1.21	611.42	84.98	0.00	2.57	1014.00	361.24
17	23.17	17.93	14.89	2.24	1.31	611.52	88.33	20.20	1.37	1181.00	201.06
18	21.33	17.65	13.56	2.24	1.10	612.93	88.77	0.20	1.73	1158.00	239.77
19	22.28	18.65	16.33	1.79	1.00	613.17	87.55	0.40	1.63	1042.00	211.91
20	24.22	18.72	14.50	2.24	1.03	612.86	85.26	2.00	2.26	1148.00	307.35
21	26.11	18.53	13.06	5.81	1.44	611.75	84.92	0.00	3.40	1056.00	433.99
22	24.56	19.13	14.28	3.13	1.24	611.34	84.64	0.00	2.62	1086.00	341.90
23	26.39	19.62	15.22	3.13	1.37	611.46	85.13	2.60	2.82	1127.00	356.15
24	24.39	18.51	15.06	3.58	1.35	611.51	87.84	19.40	2.77	1222.00	386.36
25	23.89	18.22	14.44	4.92	1.35	611.29	87.53	0.40	2.11	1046.00	279.98
26	22.33	17.68	14.39	3.13	1.17	612.03	88.59	1.20	1.83	1078.00	248.37
27	22.78	16.83	13.50	2.68	1.24	613.00	89.19	31.40	1.42	1053.00	183.72
28	22.72	17.27	14.83	2.24	1.08	614.06	89.40	10.40	1.75	1148.00	246.82
29	19.67	16.87	14.78	2.68	1.13	614.21	90.18	2.00	1.32	508.00	182.46
30	19.94	16.78	14.17	3.13	1.16	614.09	90.20	25.20	1.07	598.00	159.51
TOTAL								218.60	58.29		
PROM	22.87	17.95	14.57	3.10	1.22	612.66	87.94		2 3 1 - 2	1014.43	266.95
		,									

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CLL	PT (mm)	DP		DM (min)	MM (mm)	IMM (mm/h)	IM5 (mm/h)		
	F	M	L	LL	Md	Mñ	T	N		(111111)	(h)	(%)	(111111)	(111111)	(11111/11)	(11111/11)
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	1	0	0	0	0	0	1	1	0.80	0.17	0.69	15.00	0.80	2.40	4.80
3	1	1	1	0	2	0	1	0	3	31.00	1.75	7.29	105.00	29.60	16.15	67.20
4	0	0	3	0	1	0	2	0	3	2.20	0.67	2.78	45.00	1.60	1.92	7.20
5	0	1	2	0	2	0	0	1	3	5.60	1.08	4.51	95.00	5.20	3.12	24.00
6	0	0	3	1	2	0	2	0	4	4.60	1.75	7.29	205.00	3.40	0.97	2.40
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	0	2	0	0	2	0	0	2	4.60	1.58	6.60	120.00	4.40	2.11	4.80
9	0	1	6	0	1	2	3	1	7	6.60	1.42	5.90	45.00	3.60	4.32	19.20
10	0	2	5	0	2	2	1	2	7	17.80	4.50	18.75	180.00	10.40	3.37	14.40
11	0	2	2	1	0	1	2	2	5	10.00	1.83	7.64	45.00	5.60	6.72	16.80
12	0	0	4	1	1	1	3	0	5	1.80	0.75	3.13	20.00	0.60	1.44	2.40
13	0	1	2	0	1	0	2	0	3	16.60	2.00	8.33	155.00	16.20	6.07	50.40
14	0	0	3	0	1	1	1	0	3	1.40	0.58	2.43	40.00	1.00	1.33	2.40
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	1	3	0	0	1	1	2	4	20.20	2.67	11.11	175.00	19.20	6.40	31.20
18	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
19	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
20	0	1	1	0	2	0	0	0	2	2.00	0.25	1.04	15.00	1.80	5.40	16.80
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	1	1	0	0	0	0	2	2	2.60	0.67	2.78	45.00	2.40	2.88	9.60
24	1	0	1	0	1	0	1	0	2	19.40	1.17	4.86	70.00	19.20	15.36	45.60
25	0	0	2	0	2	0	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
26	0	0	1	0	0	0	1	0	1	1.20	0.42	1.74	30.00	1.20	2.06	4.80
27	1	1	3	0	1	0	3	1	5	31.40	1.75	7.29	80.00	28.80	20.33	52.80
28	0	1	9	0	4	0	3	3	10	10.40	2.83	11.81	50.00	4.00	4.36	28.80
29	0	0	4	2	4	0	2	0	6	2.00	0.83	3.47	40.00	0.60	0.80	2.40
30	1	0	2	1	2	1	1	0	4	25.20	2.83	11.81	175.00	24.40	8.13	31.20
MAX	1	2	9	2	4	2	3	3	10	31.40	4.50	18.75	205.00	29.60	20.33	67.20
TOTAL	4	14	63	6	30	12	30	15	87	218.60	31.92	4.43				

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)