

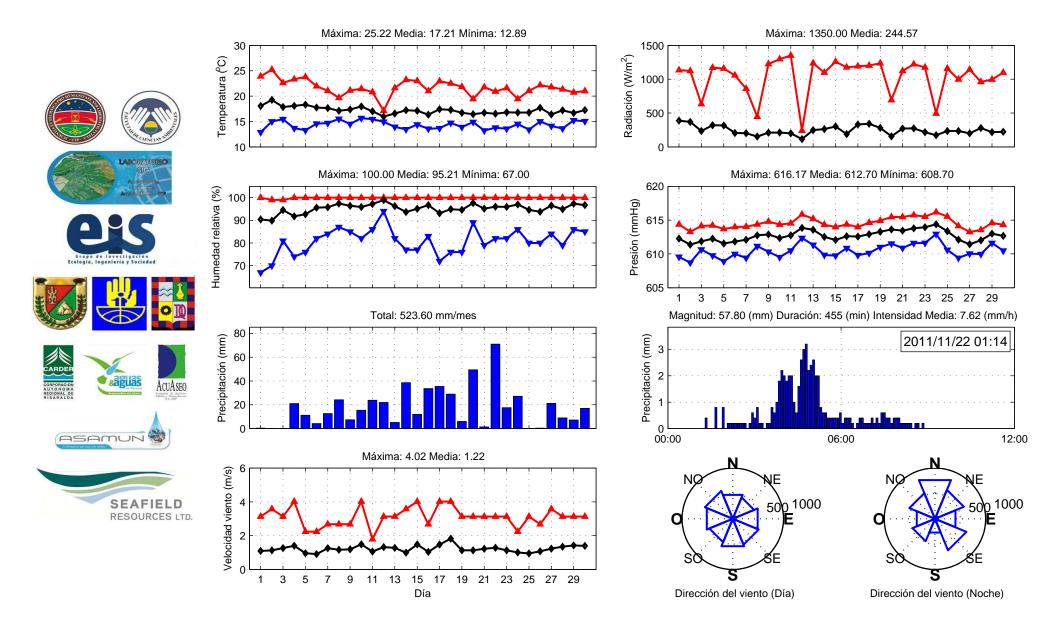
Estación: San Jose Fecha: Noviembre de 2011 Registros: 30 de 30

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		ra	Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.89	18.05	12.89	3.13	1.09	612.27	90.40	0.40	2.87	1134.00	387.02
2	25.22	19.25	15.00	3.58	1.13	611.37	89.87	0.00	2.85	1123.00	368.57
3	22.61	17.85	15.44	3.13	1.26	611.86	94.52	0.00	1.73	633.00	233.68
4	23.33	18.08	13.67	4.02	1.40	612.24	91.75	21.00	2.36	1171.00	318.85
5	23.78	18.32	13.28	2.24	0.97	611.53	92.68	11.20	2.34	1158.00	316.18
6	21.94	17.75	14.56	2.24	0.91	611.83	95.58	4.20	1.45	1058.00	205.07
7	21.06	17.63	14.67	2.68	1.26	612.10	95.75	12.60	1.42	860.00	201.80
8	19.67	17.11	15.50	2.68	1.16	612.74	97.39	24.20	1.07	446.00	151.72
9	21.11	17.37	14.50	2.68	1.19	612.88	96.40	7.40	1.45	1225.00	209.19
10	21.44	17.97	15.67	4.02	1.49	612.34	95.88	15.40	1.50	1297.00	210.73
11	20.78	17.00	15.44	1.79	1.06	612.75	97.21	23.80	1.40	1350.00	198.86
12	17.11	15.97	14.94	3.13	1.33	613.85	98.90	22.00	0.79	239.00	113.65
13	21.61	16.57	13.94	3.13	1.28	613.57	96.27	5.20	1.83	1236.00	247.44
14	23.22	17.22	13.44	3.58	0.99	612.51	93.66	38.60	1.98	1099.00	261.94
15	23.00	17.11	14.39	4.02	1.48	612.05	95.08	12.00	2.08	1260.00	301.81
16	21.00	16.34	13.56	2.68	1.04	612.62	96.69	33.60	1.30	1176.00	187.65
17	22.94	17.42	13.67	4.02	1.48	612.57	93.13	35.40	2.46	1192.00	330.60
18	22.50	17.27	14.72	4.02	1.83	612.91	94.90	29.00	2.52	1202.00	341.15
19	21.83	16.71	13.89	3.13	1.13	613.27	94.58	6.00	1.93	1236.00	280.53
20	19.44	16.42	14.89	3.13	1.13	613.61	97.63	49.40	1.07	691.00	155.47
21	21.78	16.72	13.22	3.13	1.22	613.44	95.14	1.40	2.03	1123.00	270.78
22	20.89	16.53	13.78	3.13	1.28	613.78	96.02	71.00	1.83	1222.00	273.23
23	21.61	16.79	13.56	3.13	1.14	613.94	95.93	17.60	1.63	1174.00	216.31
24	19.44	16.75	14.50	2.24	1.01	614.37	97.00	27.20	1.19	492.00	172.12
25	21.06	16.76	13.39	3.13	0.95	613.36	94.59	0.20	1.75	1158.00	233.48
26	22.17	17.71	15.00	2.68	1.08	612.10	93.78	0.40	1.70	997.00	233.48
27	21.78	16.39	14.11	3.58	1.23	611.43	96.49	21.20	1.52	1143.00	199.47
28	21.33	17.20	13.61	3.13	1.35	612.01	94.88	9.00	1.93	960.00	278.89
29	20.72	16.67	15.22	3.13	1.42	613.00	97.33	7.20	1.55	995.00	215.62
30	21.00	17.25	15.06	3.13	1.40	612.66	96.70	17.00	1.52	1099.00	221.90
TOTAL					Ì			523.60	53.05		
PROM	21.64	17.21	14.32	3.11	1.22	612.70	95.21			1038.30	244.57
	1				1						

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	DP		DM	MM	IMM	IM5	
Día			sidad		2.5.1	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	0.40	0.17	0.69	10.00	0.20	0.80	2.40
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1	0	0	0	0	0	0	1	1	21.00	1.50	6.25	100.00	21.00	12.00	45.60
5	1	0	7	0	2	1	1	4	8	11.20	1.75	7.29	35.00	7.80	11.70	43.20
6	0	0	3	0	1	0	2	0	3	4.20	1.08	4.51	95.00	3.60	2.16	12.00
7	0	2	4	0	1	0	2	3	6	12.60	2.42	10.07	60.00	6.60	6.09	16.80
8	0	2	6	0	2	2	2	2	8	24.20	4.42	18.40	235.00	18.80	4.70	28.80
9	0	1	1	2	1	1	1	1	4	7.40	1.67	6.94	50.00	4.80	5.24	21.60
10	0	2	5	0	1	2	2	2	7	15.40	4.17	17.36	175.00	9.80	3.27	24.00
11	0	1	5	0	1	2	1	2	6	23.80	5.67	23.61	275.00	19.20	4.11	24.00
12	0	2	11	0	3	2	6	2	13	22.00	6.33	26.39	195.00	9.80	2.94	9.60
13	0	1	4	0	3	0	2	0	5	5.20	1.33	5.56	95.00	4.40	2.64	12.00
14	1	2	2	0	0	0	1	4	5	38.60	2.50	10.42	75.00	30.80	23.10	108.00
15	0	3	3	0	1	1	3	1	6	12.00	2.08	8.68	45.00	5.40	6.48	31.20
16	1	0	6	0	2	0	1	4	7	33.60	3.83	15.97	220.00	30.80	8.21	52.80
17	1	0	4	0	1	0	0	4	5	35.40	2.50	10.42	135.00	34.00	14.57	84.00
18	2	1	8	2	4	1	2	6	13	29.00	4.33	18.06	175.00	14.60	4.87	24.00
19	0	1	2	0	1	1	1	0	3	6.00	0.92	3.82	65.00	5.60	4.80	24.00
20	3	2	4	0	5	0	3	1	9	49.40	5.83	24.31	135.00	20.00	8.57	40.80
21	0	0	5	0	3	0	0	2	5	1.40	0.58	2.43	30.00	0.60	1.03	2.40
22	1	1	2	0	1	1	1	1	4	71.00	8.83	36.81	455.00	57.80	7.54	38.40
23	1	0	2	0	1	0	2	0	3	17.60	1.00	4.17	60.00	17.20	15.88	55.20
24	1	0	3	0	3	1	0	0	4	27.20	3.17	13.19	185.00	26.20	8.27	50.40
25	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
26	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
27	1	1	3	0	1	0	4	0	5	21.20	2.25	9.38	70.00	14.60	11.68	52.80
28	0	2	4	0	0	2	1	3	6	9.00	1.83	7.64	45.00	4.20	5.04	9.60
29	0	1	8	1	2	1	3	4	10	7.20	1.50	6.25	40.00	5.00	6.67	24.00
30	1	0	3	1	0	0	2	3	5	17.00	1.33	5.56	65.00	15.40	13.20	64.80
MAX	3	3	11	2	5	2	6	6	13	71.00	8.83	36.81	455.00	57.80	23.10	108.00
TOTAL	15	25	109	6	43	18	44	50	155	523.60	73.17	10.16				

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