

Estación: San Jose Fecha: Octubre de 2011 Registros: 31 de 31

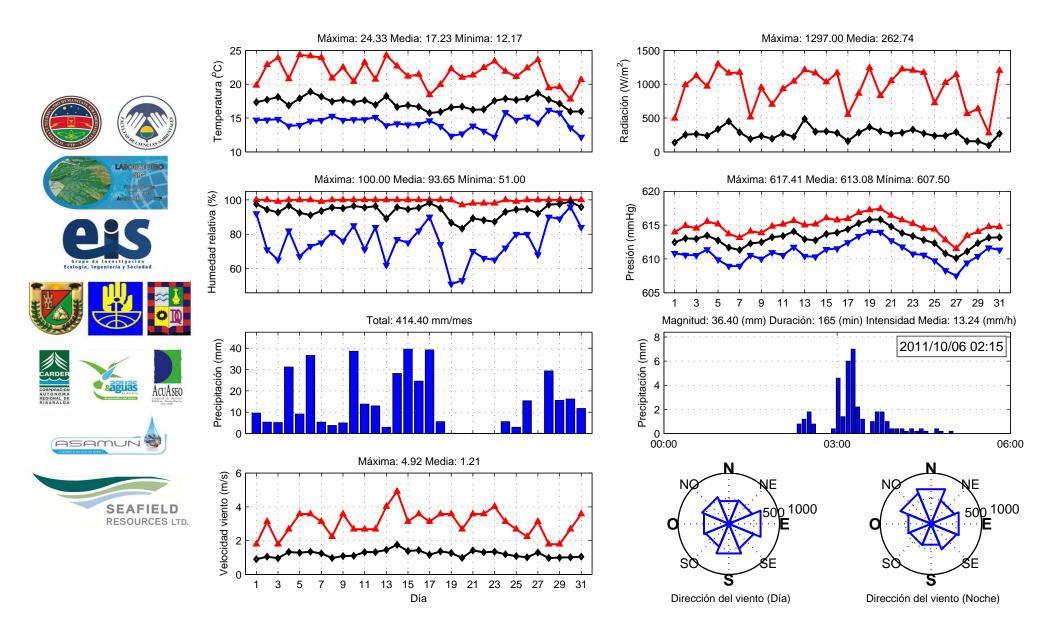
Reporte climatológico mensual

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	Radiación solar		
Día	(°C)		(m/s)		(mmHg) (%)		(mm)	(mm)	(W/m ²)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	19.83	17.34	14.72	1.79	0.91	612.45	97.52	9.60	0.97	496.00	136.59
2	22.89	17.70	14.72	3.13	1.06	613.05	94.37	5.40	1.83	990.00	253.07
3	23.89	18.11	14.83	1.79	0.96	612.97	92.65	5.20	1.93	1125.00	262.99
4	20.78	16.86	13.83	2.68	1.33	613.46	96.61	31.20	1.73	969.00	237.40
5	24.33	17.90	13.94	3.58	1.29	612.72	92.47	9.20	2.49	1297.00	336.39
6	24.17	18.90	14.56	3.58	1.35	611.68	91.04	36.60	3.25	1164.00	449.74
7	23.94	18.15	14.67	3.13	1.24	611.32	93.53	5.40	2.08	1174.00	287.63
8	20.89	17.43	15.28	2.24	0.98	612.29	95.57	3.80	1.35	513.00	189.17
9	22.50	17.69	14.67	3.58	1.09	612.47	95.06	5.00	1.70	951.00	234.83
10	20.39	17.33	14.78	2.68	1.11	613.21	96.46	38.60	1.37	701.00	194.54
11	23.22	17.61	14.78	2.68	1.32	613.39	95.50	13.80	2.01	932.00	272.50
12	20.72	16.94	15.11	2.68	1.32	614.06	96.35	13.00	1.47	1042.00	222.33
13	24.28	18.24	13.89	4.02	1.45	612.91	89.05	3.00	3.63	1211.00	486.01
14	22.67	16.62	14.17	4.92	1.76	612.75	95.69	28.20	2.08	1164.00	298.31
15	21.17	16.90	14.00	3.13	1.39	613.68	94.51	39.60	2.13	1032.00	303.87
16	21.44	16.64	14.06	3.58	1.43	613.89	95.40	24.60	1.91	1167.00	277.94
17	18.44	15.74	14.61	3.13	1.17	614.38	98.23	39.20	1.09	552.00	158.13
18	19.94	15.91	13.78	3.58	1.37	615.26	95.05	5.60	1.88	863.00	283.17
19	22.28	16.57	12.33	3.58	1.27	615.82	86.67	0.20	2.67	1243.00	365.56
20	21.00	16.70	12.67	2.68	0.98	615.81	83.25	0.00	2.24	831.00	303.34
21	21.33	16.21	13.83	3.58	1.42	614.79	89.21	0.00	2.01	1051.00	267.99
22	22.44	16.26	13.06	3.58	1.31	613.81	88.15	0.00	2.08	1223.00	281.88
23	23.39	17.55	12.17	4.02	1.35	613.37	87.25	0.00	2.54	1204.00	328.76
24	21.89	17.86	15.83	3.13	1.20	612.80	93.02	5.60	1.88	1172.00	272.36
25	21.11	17.66	14.67	2.68	1.09	612.33	94.37	3.00	1.73	724.00	237.45
26	22.39	17.87	15.17	2.24	1.02	610.79	94.63	15.40	1.73	1023.00	237.40
27	23.61	18.69	14.28	3.13	1.30	610.11	92.05	0.20	2.16	1143.00	291.17
28	19.44	17.73	16.17	1.79	0.97	611.11	97.20	29.40	1.07	563.00	157.39
29	19.61	17.13	15.78	1.79	1.00	612.33	97.62	15.60	1.07	636.00	154.64
30	17.78	15.95	13.56	2.68	1.01	613.14	98.96	16.20	0.61	278.00	93.66
31	20.67	15.97	12.17	3.58	1.06	613.19	95.77	11.80	1.98	1202.00	268.84
TOTAL								414.40	58.67		
PROM	21.69	17.23	14.26	3.04	1.21	613.08	93.65			956.00	262.74
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	Г)P	DM	MM	IMM	IM5	
Día		inten				jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		<u> </u>	(h)	(%)	, í			, ,
1	0	1	4	0	2	2	1	0	5	9.60	2.58	10.76	110.00	6.60	3.44	12.00
2	0	1	2	1	0	2	1	1	4	5.40	1.08	4.51	50.00	4.00	4.36	14.40
3	0	1	0	0	0	1	0	0	1	5.20	1.25	5.21	105.00	5.20	2.84	9.60
4	1	1	4	0	1	1	2	2	6	31.20	3.83	15.97	220.00	18.80	5.01	31.20
5	1	0	1	0	0	0	1	1	2	9.20	0.92	3.82	45.00	8.40	10.08	31.20
6	1	0	1	0	1	1	0	0	2	36.60	2.25	9.38	165.00	36.40	12.85	84.00
7	0	2	0	0	0	0	1	1	2	5.40	0.92	3.82	75.00	4.60	3.45	12.00
8	0	0	5	0	5	0	0	0	5	3.80	1.58	6.60	80.00	1.60	1.13	2.40
9	0	0	4	0	0	0	2	2	4	5.00	1.67	6.94	75.00	2.40	1.80	4.80
10	1	1	6	2	3	3	3	1	10	38.60	5.42	22.57	140.00	17.00	7.03	16.80
11	0	3	3	0	1	1	3	1	6	13.80	2.50	10.42	90.00	7.20	4.55	31.20
12	0	1	9	0	4	0	2	4	10	13.00	3.25	13.54	50.00	6.00	6.55	31.20
13	0	0	3	1	2	0	0	2	4	3.00	1.00	4.17	60.00	1.80	1.66	7.20
14	0	1	1	0	0	0	1	1	2	28.20	4.42	18.40	350.00	28.00	4.73	43.20
15	1	1	3	0	0	0	3	2	5	39.60	5.17	21.53	285.00	36.40	7.53	43.20
16	0	1	3	1	1	1	1	2	5	24.60	3.92	16.32	225.00	23.00	6.00	24.00
17	0	2	6	1	2	0	4	3	9	39.20	7.67	31.94	215.00	20.20	5.51	19.20
18	0	0	7	0	3	2	1	1	7	5.60	2.17	9.03	140.00	3.60	1.49	4.80
19	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0	1	1	1	1	1	1	0	3	5.60	0.92	3.82	40.00	4.80	6.40	14.40
25	0	0	2	0	0	1	1	0	2	3.00	0.92	3.82	60.00	1.60	1.48	4.80
26	1	0	3	1	2	0	2	1	5	15.40	1.58	6.60	50.00	13.00	14.18	84.00
27	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
28	1	4	4	0	2	3	3	1	9	29.40	4.75	19.79	45.00	11.60	13.92	40.80
29	0	1	1	0	0	1	1	0	2	15.60	1.83	7.64	155.00	15.20	5.70	24.00
30	0	2	6	0	3	4	1	0	8	16.20	3.42	14.24	190.00	12.80	3.94	12.00
31	1	0	2	0	1	1	1	0	3	11.80	1.17	4.86	75.00	11.40	8.55	28.80
MAX	1	4	9	2	5	4	4	4	10	39.60	7.67	31.94	350.00	36.40	14.18	84.00
TOTAL	8	24	83	8	35	25	37	26	123	414.40	66.33	8.92				
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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

Cantidad de Lluvias
Precipitación total (mm)
Duración precipitacion diaria
Duración máxima lluvia aislada (min)
Magnitud máx. lluvia aislada (mm)
Intensidad media máxima (mm/h)
Intensidad máx. en 5 minutos (mm/h)