

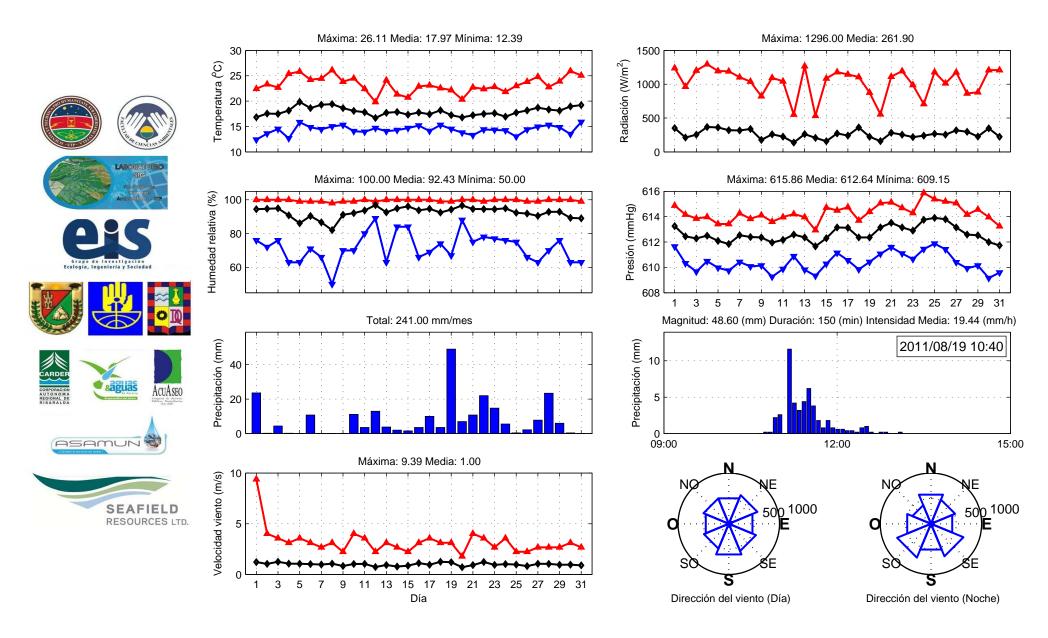
Estación: San Jose Fecha: Agosto de 2011 Registros: 31 de 31 Reporte climatológico mensual

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)			
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.44	16.81	12.39	9.39	1.22	613.25	94.40	23.60	2.57	1238.00	350.06
2	23.33	17.55	13.61	4.02	1.04	612.44	94.67	0.20	1.55	963.00	211.85
3	22.67	17.48	14.50	3.58	1.25	612.28	94.94	4.40	1.85	1202.00	253.87
4	25.39	18.15	12.67	3.13	1.07	612.50	90.77	0.20	2.85	1296.00	367.25
5	25.83	19.85	15.83	3.58	1.05	612.09	86.08	0.00	2.82	1195.00	360.41
6	24.22	18.63	14.83	3.13	1.02	611.84	90.39	10.80	2.59	1190.00	320.00
7	24.44	19.27	14.44	2.68	0.98	612.54	86.64	0.00	2.72	1104.00	316.15
8	26.11	19.41	15.00	3.13	1.06	612.39	82.05	0.00	2.92	1039.00	337.90
9	23.83	18.61	15.28	2.24	0.84	612.36	91.12	0.00	1.40	823.00	176.11
10	24.50	18.07	14.06	4.02	1.04	611.96	92.07	11.20	2.06	1095.00	258.68
11	22.44	17.81	13.94	3.58	1.05	612.17	93.63	3.60	1.75	1042.00	224.70
12	19.83	16.66	14.67	2.24	0.74	612.59	96.83	13.00	1.02	552.00	137.76
13	24.11	17.69	14.06	3.13	0.93	612.36	92.57	3.80	1.88	1266.00	262.52
14	21.33	17.85	14.28	2.68	0.78	611.66	94.86	2.00	1.60	533.00	206.46
15	20.72	17.34	14.67	2.24	0.87	612.30	96.07	1.60	1.19	1085.00	156.72
16	22.89	17.77	15.17	3.13	1.12	613.15	93.74	3.60	1.85	1178.00	272.15
17	23.11	17.42	14.11	3.58	0.96	613.12	94.64	10.00	1.88	1144.00	240.14
18	22.56	18.18	15.28	3.13	1.26	612.36	92.43	3.60	2.74	1107.00	360.22
19	22.17	17.24	14.50	3.13	1.21	612.36	94.17	49.00	1.70	877.00	223.12
20	20.33	16.78	13.78	1.79	0.72	613.15	96.65	7.00	1.17	555.00	158.07
21	22.72	17.21	13.28	4.02	0.93	613.52	94.55	10.80	2.03	1111.00	282.48
22	22.39	17.48	14.39	3.58	1.24	613.15	94.47	22.00	1.93	1194.00	253.83
23	22.83	17.61	14.33	2.68	0.94	612.89	94.38	14.80	1.65	988.00	218.27
24	21.83	16.93	14.22	3.58	1.03	613.75	94.90	5.60	1.73	707.00	238.71
25	23.00	17.72	13.00	2.24	0.98	613.90	92.26	0.40	2.06	1178.00	267.23
26	23.83	18.16	14.39	2.24	0.83	613.80	91.83	2.20	1.93	1013.00	254.43
27	24.83	18.71	14.94	2.68	1.06	613.15	90.43	7.80	2.46	1176.00	317.76
28	22.78	18.32	15.28	2.68	1.04	612.59	92.80	23.40	2.24	863.00	295.74
29	23.89	18.11	14.83	2.68	0.96	612.53	92.91	6.00	1.73	882.00	225.60
30	25.94	18.95	13.50	3.13	0.97	611.99	89.23	0.40	2.87	1208.00	348.25
31	25.06	19.21	15.89	2.68	0.91	611.73	89.01	0.00	1.83	1209.00	222.28
TOTAL								241.00	62.57		
PROM	23.27	17.97	14.36	3.22	1.00	612.64	92.43			1032.68	261.90
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Cuadro 1: Resúmen de análisis climatológico

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D/:	Lluvias por intensidad			Lluvias por jornada				PT	DP		DM	MM	IMM	IM5		
Día	F	inten	sidad L	LL	Md	Jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	1	0	3	0	0	1	2	1	4	23.60	1.08	4.51	60.00	23.00	21.23	103.20
2	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
3	0	1	1	0	0	0	1	1	2	4.40	0.67	2.78	50.00	4.20	4.58	19.20
4	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1	0	1	0	0	0	1	1	2	10.80	0.67	2.78	40.00	10.60	14.13	36.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	2	0	0	0	2	1	3	11.20	0.58	2.43	30.00	10.80	18.51	33.60
11	0	1	2	0	1	0	1	1	3	3.60	0.67	2.78	45.00	3.20	3.84	14.40
12	1	0	2	0	0	1	2	0	3	13.00	1.17	4.86	50.00	10.80	11.78	57.60
13	0	1	2	0	1	0	1	1	3	3.80	0.67	2.78	35.00	3.40	5.10	14.40
14	0	1	4	0	0	2	2	1	5	2.00	0.67	2.78	20.00	1.00	2.40	7.20
15	0	0	3	0	1	0	2	0	3	1.60	0.58	2.43	40.00	0.80	1.07	4.80
16	0	1	1	0	1	0	1	0	2	3.60	0.58	2.43	45.00	3.40	4.08	14.40
17	1	1	2	1	1	1	3	0	5	10.00	1.08	4.51	25.00	7.40	14.80	40.80
18	0	1	6	0	1	0	5	1	7	3.60	1.17	4.86	25.00	1.20	2.40	7.20
19	1	0	2	0	1	1	0	1	3	49.00	2.25	9.38	150.00	48.60	18.81	139.20
20	0	1	9	1	0	2	4	5	11	7.00	2.00	8.33	50.00	3.60	3.93	12.00
21	0	2	1	0	1	1	1	0	3	10.80	1.92	7.99	80.00	6.00	4.24	19.20
22	1	0	4	0	1	0	4	0	5	22.00	1.25	5.21	75.00	21.00	15.75	45.60
23	1	0	5	0	0	0	4	2	6	14.80	1.42	5.90	75.00	13.40	10.05	48.00
24	0	1	5	1	1	3	2	1	7	5.60	1.50	6.25	25.00	2.80	5.60	12.00
25	0	0	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
26	0	1	0	0	0	0	1	0	1	2.20	0.33	1.39	25.00	2.20	4.40	14.40
27	0	1	4	1	1	1	2	2	6	7.80	1.50	6.25	45.00	4.60	5.52	28.80
28	1	1	3	0	4	0	1	0	5	23.40	1.33	5.56	80.00	21.20	14.96	98.40
29	1	0	2	0	1	1	1	0	3	6.00	0.50	2.08	30.00	5.60	9.60	45.60
30	0	0	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	2	9	1	4	3	5	5	11	49.00	2.25	9.38	150.00	48.60	21.23	139.20
TOTAL	10	14	70	4	19	17	43	19	98	241.00	24.08	3.24				

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