

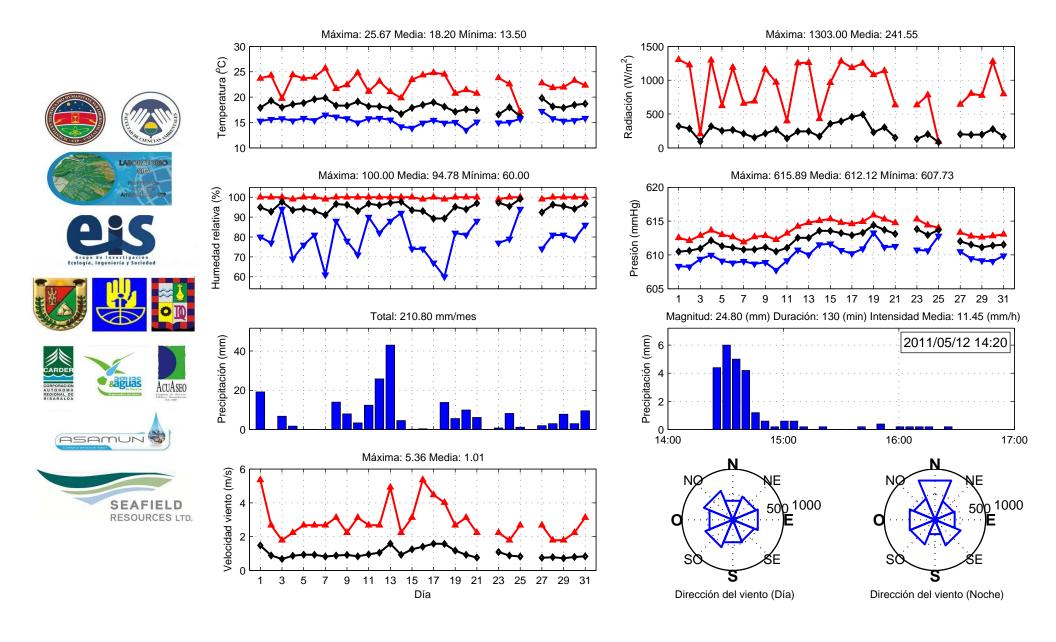
Estación: San Jose Fecha: Mayo de 2011 Registros: 29 de 31 Reporte climatológico mensual

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.

Contáctenos: http://www.utp.edu.co/hidroclimatologica



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5.	Temperatura				Viento	Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/ı		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.67	17.90	15.28	5.36	1.48	610.49	94.91	19.20	2.31	1303.00	321.49
2	24.28	19.30	15.61	2.68	0.89	610.63	92.74	0.00	2.34	1225.00	284.07
3	19.72	17.98	15.78	1.79	0.68	610.95	97.73	6.80	0.64	204.00	95.04
4	24.39	18.57	15.33	2.24	0.87	612.14	93.50	1.80	2.46	1296.00	317.42
5	23.67	18.84	15.83	2.68	0.94	611.30	94.23	0.00	1.91	622.00	252.36
6	23.89	19.59	15.39	2.68	0.93	611.09	93.04	0.00	2.03	1188.00	265.55
7	25.67	19.82	16.50	2.68	0.83	610.80	91.07	0.00	1.65	656.00	209.90
8	21.67	18.33	16.11	3.13	0.88	610.81	96.60	14.00	1.09	689.00	152.24
9	22.44	18.31	15.78	2.24	0.92	611.14	96.14	8.00	1.50	1160.00	213.56
10	24.78	19.09	14.94	3.13	0.84	610.50	93.07	3.40	2.08	969.00	270.03
11	21.11	18.19	15.78	2.68	0.96	611.06	96.74	12.40	1.02	397.00	140.38
12	23.11	18.16	15.83	2.68	1.05	612.54	95.93	25.80	1.88	1253.00	241.59
13	21.06	17.78	15.50	4.92	1.58	612.51	97.13	43.00	1.65	1259.00	243.54
14	19.83	16.68	14.17	2.24	0.93	613.57	97.68	4.60	1.22	429.00	168.27
15	23.44	17.90	13.89	3.13	1.25	613.56	93.44	0.20	2.80	963.00	355.56
16	24.33	18.46	14.89	5.36	1.41	613.21	93.02	0.40	3.00	1281.00	391.87
17	24.83	18.98	15.44	4.47	1.59	612.89	89.27	0.00	3.61	1183.00	455.12
18	24.50	18.12	14.89	4.02	1.57	613.27	89.33	13.80	3.74	1248.00	493.54
19	20.72	17.11	15.06	2.68	1.17	614.40	95.21	5.60	1.68	1081.00	229.99
20	21.44	17.60	13.50	3.13	0.93	613.69	93.90	10.00	2.11	1139.00	303.82
21	20.72	17.39	15.11	2.24	0.77	613.11	96.96	6.20	1.14	633.00	149.86
22											
23	23.78	16.58	14.94	2.24	1.09	613.81	97.25	0.80	2.26	633.00	131.32
24	22.56	17.99	15.06	1.79	0.89	612.94	95.42	8.20	1.65	782.00	200.92
25	17.11	16.17	15.72	2.68	0.83	613.69	99.17	1.20	0.00	90.00	85.43
26											
27	22.78	19.80	17.22	2.68	0.75	612.00	92.39	2.00	1.96	642.00	200.80
28	21.83	18.13	15.78	1.79	0.79	611.51	96.27	3.00	1.42	802.00	193.15
29	21.94	17.89	15.28	1.79	0.73	611.12	95.52	7.80	1.55	773.00	195.58
30	23.28	18.47	15.39	2.24	0.80	611.38	94.16	3.00	2.06	1276.00	276.52
31	22.33	18.68	15.83	3.13	0.84	611.52	96.74	9.60	1.19	796.00	165.98
TOTAL								210.80	53.95		
PROM	22.58	18.20	15.37	2.91	1.01	612.12	94.78			895.59	241.55
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				РТ	PT DP		o DM	MM	IMM	IM5	
Día		inten	sidad			jorn			CLL	(mm)		(min)	(mm)	(mm/h)	(mm/h)	
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(111111)	(11111)	(111111/11)	(111111/11)
1	1	0	0	0	0	0	1	0	1	19.20	1.42	5.90	100.00	19.20	10.97	43.20
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	1	7	1	1	2	4	2	9	6.80	1.50	6.25	75.00	5.00	3.75	24.00
4	0	1	5	0	1	1	4	0	6	1.80	0.58	2.43	15.00	0.80	2.40	7.20
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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	0	3	2	0	1	0	4	5	14.00	5.17	21.53	595.00	12.80	1.28	19.20
9	0	0	16	2	6	3	2	7	18	8.00	3.33	13.89	340.00	4.40	0.77	2.40
10	0	0	17	0	6	5	4	2	17	3.40	1.42	5.90	10.00	0.20	0.80	2.40
11	1	1	4	0	2	3	1	0	6	12.40	1.67	6.94	70.00	9.80	7.84	21.60
12	1	0	4	0	0	1	1	3	5	25.80	1.92	7.99	130.00	24.80	11.02	72.00
13	1	2	3	0	1	0	2	3	6	43.00	5.83	24.31	170.00	18.00	6.17	38.40
14	0	0	3	1	1	3	0	0	4	4.60	1.92	7.99	135.00	3.00	1.29	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	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	1	0	1	0	0	0	1	1	2	13.80	0.92	3.82	75.00	13.60	10.20	55.20
19	0	1	1	0	0	0	2	0	2	5.60	1.25	5.21	70.00	4.40	3.52	16.80
20	1	0	0	0	0	0	1	0	1	10.00	1.00	4.17	65.00	10.00	8.57	24.00
21	0	1	4	0	1	0	4	0	5	6.20	1.58	6.60	40.00	2.80	3.73	14.40
22																
23	0	1	1	0	0	0	1	1	2	0.80	0.17	0.69	10.00	0.60	2.40	7.20
24	0	1	3	0	1	2	1	0	4	8.20	2.00	8.33	110.00	6.20	3.23	12.00
25	0	0	2	1	2	1	0	0	3	1.20	0.50	2.08	50.00	0.80	0.87	2.40
26																
27	0	0	1	0	0	0	1	0	1	2.00	0.42	1.74	55.00	2.00	2.00	9.60
28	0	1	2	0	0	1	2	0	3	3.00	0.83	3.47	25.00	1.40	2.80	7.20
29	0	1	2	0	0	0	3	0	3	7.80	1.50	6.25	55.00	5.80	5.80	19.20
30	0	1	3	0	0	1	3	0	4	3.00	0.67	2.78	25.00	2.00	4.00	9.60
31	1	1	3	0	1	0	3	1	5	9.60	1.25	5.21	35.00	7.00	10.50	24.00
MAX	1	2	17	2	6	5	4	7	18	43.00	5.83	24.31	595.00	24.80	11.02	72.00
TOTAL	7	13	87	7	24	24	41	25	114	210.80	37.00	4.97				

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)