

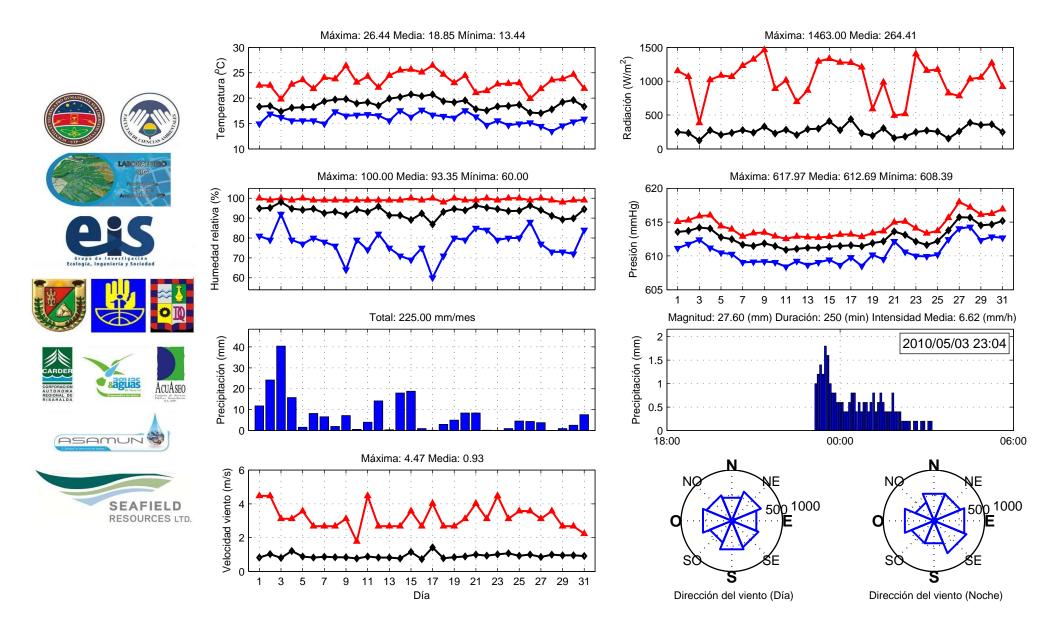
Estación: San Jose Fecha: Mayo de 2010 Registros: 31 de 31 Reporte climatológico mensual

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.

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



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	Temperatura		Vel. Viento		Presión	Humedad	Precipitación	Evap			
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/ı		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.50	18.31	14.94	4.47	0.83	613.55	94.89	11.80	1.84	1153.00	249.23
2	22.50	18.44	16.88	4.47	1.03	613.70	95.12	24.20	1.61	1067.00	234.66
3	19.77	17.35	16.22	3.12	0.80	614.19	98.10	40.40	1.04	383.00	122.37
4	22.72	18.10	15.55	3.12	1.21	614.05	94.77	15.80	1.99	1020.00	275.10
5	23.61	18.19	15.55	3.57	0.88	612.77	94.16	1.60	1.65	1085.00	205.56
6	21.83	18.27	15.55	2.68	0.83	612.46	94.68	8.20	2.47	1067.00	235.66
7	24.05	19.38	14.94	2.68	0.87	611.65	92.45	6.60	2.14	1230.00	277.48
8	23.77	19.72	17.33	2.68	0.84	611.46	93.24	2.00	1.82	1324.00	239.48
9	26.38	19.81	16.50	3.12	0.84	611.86	91.67	7.20	2.61	1463.00	328.62
10	23.11	18.95	16.66	1.78	0.77	611.45	94.35	0.60	4.32	889.00	227.69
11	24.27	19.19	16.77	4.47	0.89	610.88	93.10	4.00	2.52	1013.00	281.94
12	22.11	18.50	16.55	2.68	0.82	611.04	95.84	14.20	1.43	696.00	203.91
13	24.44	19.89	15.55	2.68	0.83	611.20	91.42	0.40	2.29	863.00	290.39
14	25.50	20.20	17.55	2.68	0.77	611.20	91.42	18.00	1.80	1294.00	298.86
15	25.66	20.75	16.27	3.57	1.15	611.37	89.10	18.80	2.77	1334.00	408.59
16	25.11	20.38	17.66	2.68	0.73	611.46	92.34	1.00	2.12	1278.00	276.53
17	26.44	20.72	16.66	4.02	1.42	611.56	86.86	0.20	3.28	1274.00	438.16
18	24.66	19.40	16.44	2.68	0.79	611.41	93.16	3.00	1.50	1206.00	231.60
19	23.00	19.18	16.11	2.68	0.85	611.89	94.66	5.00	1.26	589.00	193.70
20	24.44	19.54	17.55	3.12	0.89	612.15	93.89	8.40	1.99	984.00	304.52
21	21.05	17.83	16.33	4.02	1.00	613.61	96.29	8.40	1.28	492.00	160.87
22	21.44	17.55	14.66	3.12	0.94	613.10	95.26	0.20	1.20	517.00	180.88
23	22.77	18.36	15.55	4.47	1.01	612.12	94.60	0.00	1.53	1403.00	248.04
24	22.88	18.44	14.66	3.12	1.07	611.61	93.55	1.00	1.84	1157.00	270.68
25	23.00	18.68	14.94	3.57	0.93	612.18	93.67	4.60	1.70	1172.00	253.29
26	19.88	17.15	15.16	3.57	1.00	613.78	96.36	4.40	0.99	824.00	151.73
27	21.83	17.02	14.44	3.12	0.86	615.72	94.02	3.80	1.64	782.00	259.31
28	23.55	17.79	13.44	3.57	1.00	615.66	91.20	0.00	1.54	1032.00	386.80
29	23.77	19.22	14.55	2.68	0.95	614.52	89.26	1.00	1.70	1056.00	351.60
30	24.66	19.61	15.33	2.68	0.96	614.66	89.89	2.60	2.33	1267.00	361.99
31	21.88	18.32	15.88	2.23	0.92	615.18	94.47	7.60	1.79	919.00	247.35
TOTAL								225.00	59.99		
PROM	23.31	18.85	15.88	3.20	0.93	612.69	93.35			1026.87	264.41
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por		Lluvias por				PT		P	DM	MM	IMM	IM5			
Día		inten				jorn			CLL	(mm)		(min)	(mm)	(mm/h)	(mm/h)	
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(IIIII)	(IIIII)	(11111111)	(111111/11)
1	0	1	1	0	0	2	0	0	2	11.80	1.75	7.29	140.00	11.60	4.80	16.80
2	1	1	3	0	1	0	1	3	5	24.20	3.08	12.85	130.00	20.00	8.89	45.60
3	2	0	6	1	3	2	2	2	9	40.40	6.42	26.74	105.00	17.20	9.38	24.00
4	0	1	1	0	2	0	0	0	2	15.80	3.00	12.50	190.00	15.60	4.80	9.60
5	0	0	4	0	0	0	2	2	4	1.60	0.58	2.43	35.00	0.80	1.20	2.40
6	0	1	4	1	3	1	2	0	6	8.20	1.92	7.99	90.00	6.20	3.92	12.00
7	0	1	3	0	1	0	2	1	4	6.60	1.50	6.25	70.00	5.20	4.16	19.20
8	0	1	3	0	1	0	3	0	4	2.00	0.67	2.78	15.00	0.80	2.40	7.20
9	0	3	2	0	1	1	3	0	5	7.20	1.17	4.86	30.00	3.60	6.17	19.20
10	0	0	3	0	0	1	2	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
11	0	1	2	0	0	0	3	0	3	4.00	1.08	4.51	60.00	2.40	2.22	7.20
12	0	3	4	0	1	1	4	1	7	14.20	2.83	11.81	55.00	5.60	5.60	24.00
13	0	0	2	0	0	1	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
14	1	0	1	0	0	1	1	0	2	18.00	0.58	2.43	40.00	17.80	23.73	187.20
15	1	0	1	0	2	0	0	0	2	18.80	2.08	8.68	145.00	18.60	7.44	36.00
16	0	0	3	0	0	2	1	0	3	1.00	0.33	1.39	15.00	0.60	1.80	4.80
17	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
18	0	1	2	0	0	0	3	0	3	3.00	0.67	2.78	20.00	1.80	4.32	9.60
19	0	2	2	0	1	0	3	0	4	5.00	1.00	4.17	45.00	3.80	4.56	14.40
20	0	1	6	0	2	1	3	1	7	8.40	2.00	8.33	90.00	5.40	3.41	19.20
21	0	2	6	0	4	1	2	1	8	8.40	2.25	9.38	45.00	3.00	3.60	14.40
22	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	0	2	0	0	0	2	0	2	1.00	0.33	1.39	20.00	0.80	1.92	4.80
25	0	1	1	0	0	0	1	1	2	4.60	1.00	4.17	60.00	4.40	4.06	9.60
26	0	0	6	0	1	2	3	0	6	4.40	1.58	6.60	55.00	1.80	1.80	4.80
27	0	0	6	2	4	3	1	0	8	3.80	1.58	6.60	140.00	2.20	0.91	2.40
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	0	1	0	0	0	0	1	1	1.00	0.33	1.39	45.00	1.00	1.20	4.80
30	0	1	1	1	2	0	0	1	3	2.60	0.83	3.47	45.00	2.00	2.40	4.80
31	0	1	11	0	2	2	4	4	12	7.60	2.67	11.11	115.00	2.60	1.30	2.40
MAX	2	3	11	2	4	3	4	4	12	40.40	6.42	26.74	190.00	20.00	23.73	187.20
TOTAL	5	22	89	5	32	22	49	18	121	225.00	41.83	5.62				

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)