

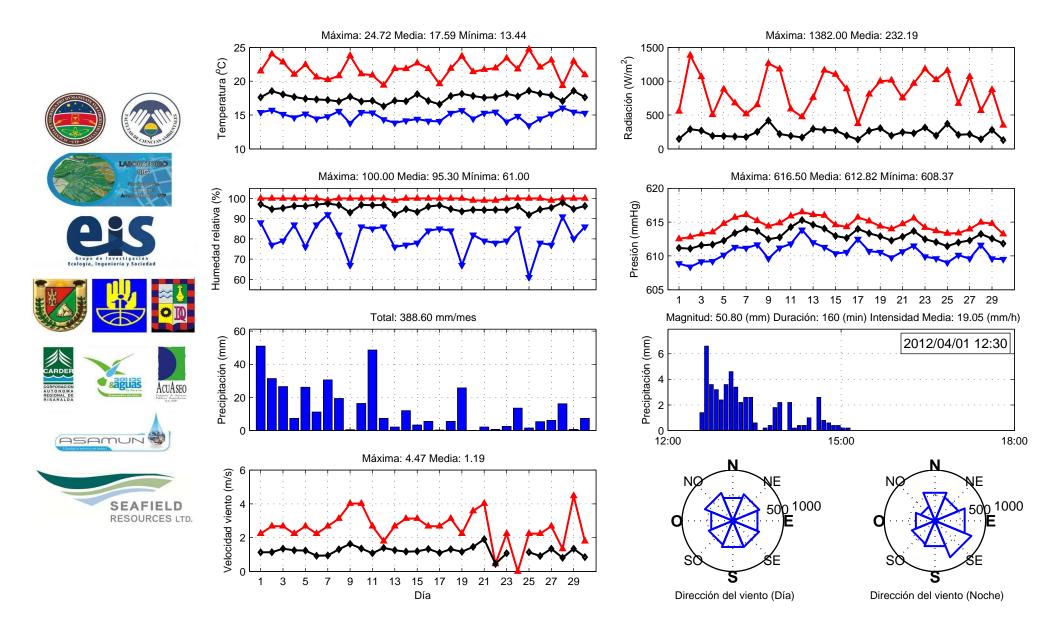
Estación: San Jose Fecha: Abril de 2012 Registros: 30 de 30 Reporte climatológico mensual

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.

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



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	Temperatura		Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiació		
Día	(°C)			/s)	(mmHg)	(%)	(mm)	(mm)			
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	21.50	17.61	15.39	2.24	1.14	611.18	97.12	51.00	1.07	555.00	146.58
2	24.00	18.54	15.72	2.68	1.14	611.06	94.65	31.40	2.29	1382.00	290.29
3	22.83	18.04	15.11	2.68	1.35	611.56	95.22	26.60	2.03	1065.00	269.13
4	21.00	17.67	14.61	2.24	1.25	611.67	96.25	7.40	1.42	503.00	190.91
5	22.44	17.41	15.17	2.68	1.24	612.25	96.21	26.20	1.45	882.00	187.58
6	20.61	17.30	14.44	2.24	0.93	613.37	96.96	11.20	1.50	677.00	182.14
7	20.22	17.22	14.78	2.68	0.95	613.99	97.44	30.60	1.19	515.00	174.72
8	20.78	17.00	15.56	3.13	1.31	613.68	96.71	19.40	1.42	650.00	251.97
9	23.78	17.72	13.78	4.02	1.63	612.47	93.00	0.60	3.13	1262.00	417.66
10	21.06	17.00	15.39	4.02	1.36	612.74	96.79	16.40	1.55	1179.00	219.76
11	20.89	17.10	15.33	2.68	1.08	614.26	96.61	48.60	1.27	587.00	190.80
12	19.39	16.29	14.33	1.79	1.40	615.29	96.75	7.40	1.19	473.00	168.18
13	21.83	17.12	13.83	2.68	1.26	614.61	92.00	2.20	2.16	758.00	294.39
14	21.83	17.04	14.17	3.13	1.17	614.05	94.71	12.00	1.96	1160.00	280.59
15	22.67	18.09	14.39	3.13	1.20	612.94	93.29	3.40	2.01	1100.00	271.72
16	21.83	17.08	14.11	2.68	1.33	612.65	95.95	5.60	1.55	886.00	196.77
17	19.61	16.58	14.06	2.68	1.10	613.99	96.61	0.40	1.09	371.00	137.53
18	21.89	17.81	15.28	3.13	1.32	613.34	94.75	5.60	1.88	807.00	266.44
19	23.67	18.14	15.67	2.24	1.17	612.89	93.59	25.80	2.21	1000.00	304.32
20	21.39	17.81	14.44	3.58	1.46	612.27	94.40	0.00	1.55	1013.00	194.07
21	21.72	17.57	15.28	4.02	1.91	612.83	94.27	2.20	1.80	752.00	245.91
22	21.94	17.63	15.44	0.45	0.45	613.69	94.38	0.80	1.68	967.00	230.34
23	23.39	18.14	14.00	2.24	1.08	612.47	94.36	2.60	2.41	1181.00	314.02
24	21.78	17.76	14.83	0.00		612.04	96.15	13.60	1.47	1021.00	195.50
25	24.72	18.59	13.44	2.24	1.14	611.43	91.86	1.60	2.87	1158.00	370.93
26	22.06	18.15	14.44	2.24	0.92	612.00	94.54	5.40	1.52	670.00	207.15
27	23.11	17.92	15.17	2.68	1.34	612.28	95.43	6.20	1.70	1067.00	215.76
28	19.33	17.06	16.06	1.34	0.81	613.25	97.97	16.20	1.02	564.00	141.45
29	22.94	18.58	15.44	4.47	1.34	612.56	94.76	0.80	2.03	874.00	280.56
30	20.94	17.61	15.28	1.79	0.85	611.82	96.27	7.40	1.07	348.00	128.53
TOTAL								388.60	51.49		
PROM	21.84	17.59	14.83	2.59	1.19	612.82	95.30			847.57	232.19
	1				1					1	

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		` ′	(h)	(%)	` ′			
1	1	0	1	0	0	1	1	0	2	51.00	2.42	10.07	160.00	50.80	18.47	79.20
2	1	0	1	0	1	0	1	0	2	31.40	0.92	3.82	65.00	31.20	26.74	69.60
3	1	0	2	0	0	0	3	0	3	26.60	0.75	3.13	40.00	26.20	34.93	93.60
4	0	1	1	0	1	0	1	0	2	7.40	0.92	3.82	60.00	7.20	6.65	21.60
5	1	1	1	0	0	0	1	2	3	26.20	2.75	11.46	160.00	23.40	8.51	38.40
6	0	3	3	0	0	1	4	1	6	11.20	2.42	10.07	90.00	5.60	3.54	14.40
7	1	1	2	1	2	2	1	0	5	30.60	3.50	14.58	180.00	27.40	8.89	43.20
8	1	1	4	0	0	2	1	3	6	19.40	4.08	17.01	315.00	15.80	2.96	40.80
9	0	0	3	0	1	0	0	2	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
10	0	3	1	0	2	0	2	0	4	16.40	3.25	13.54	70.00	5.40	4.32	19.20
11	1	4	5	0	4	0	2	4	10	48.60	4.92	20.49	135.00	34.00	14.57	86.40
12	0	0	7	1	3	2	3	0	8	7.40	2.33	9.72	155.00	5.20	1.95	9.60
13	0	0	1	0	0	0	0	1	1	2.20	0.75	3.13	65.00	2.20	1.89	4.80
14	1	0	1	0	0	1	1	0	2	12.00	0.92	3.82	75.00	11.80	8.85	50.40
15	0	0	2	0	2	0	0	0	2	3.40	1.17	4.86	90.00	3.20	2.02	4.80
16	0	1	1	1	0	1	2	0	3	5.60	1.42	5.90	105.00	5.00	2.73	9.60
17	0	0	2	0	1	0	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
18	1	0	0	0	0	0	0	1	1	5.60	0.42	1.74	30.00	5.60	9.60	24.00
19	1	1	3	0	3	2	0	0	5	25.80	2.83	11.81	50.00	17.00	18.55	55.20
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	4	0	1	0	2	1	4	2.20	0.83	3.47	25.00	1.00	2.00	4.80
22	0	0	3	0	0	3	0	0	3	0.80	0.33	1.39	20.00	0.40	0.96	2.40
23	0	0	2	0	0	0	1	1	2	2.60	0.67	2.78	80.00	2.40	1.69	14.40
24	1	1	2	0	1	2	1	0	4	13.60	1.58	6.60	80.00	11.60	8.19	19.20
25	0	0	3	0	1	0	1	1	3	1.60	0.50	2.08	40.00	1.20	1.60	4.80
26	1	0	2	0	1	0	2	0	3	5.40	0.50	2.08	35.00	5.00	7.50	36.00
27	0	1	2	0	0	0	3	0	3	6.20	1.08	4.51	55.00	5.20	5.20	16.80
28	0	3	5	0	1	5	2	0	8	16.20	3.08	12.85	165.00	13.20	4.66	9.60
29	0	0	4	0	0	1	2	1	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
30	0	1	1	0	0	0	0	2	2	7.40	1.33	5.56	100.00	7.20	4.11	16.80
MAX	1	4	7	1	4	5	4	4	10	51.00	4.92	20.49	315.00	50.80	34.93	93.60
TOTAL	12	22	69	3	25	23	38	20	106	388.60	46.42	6.45				

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