

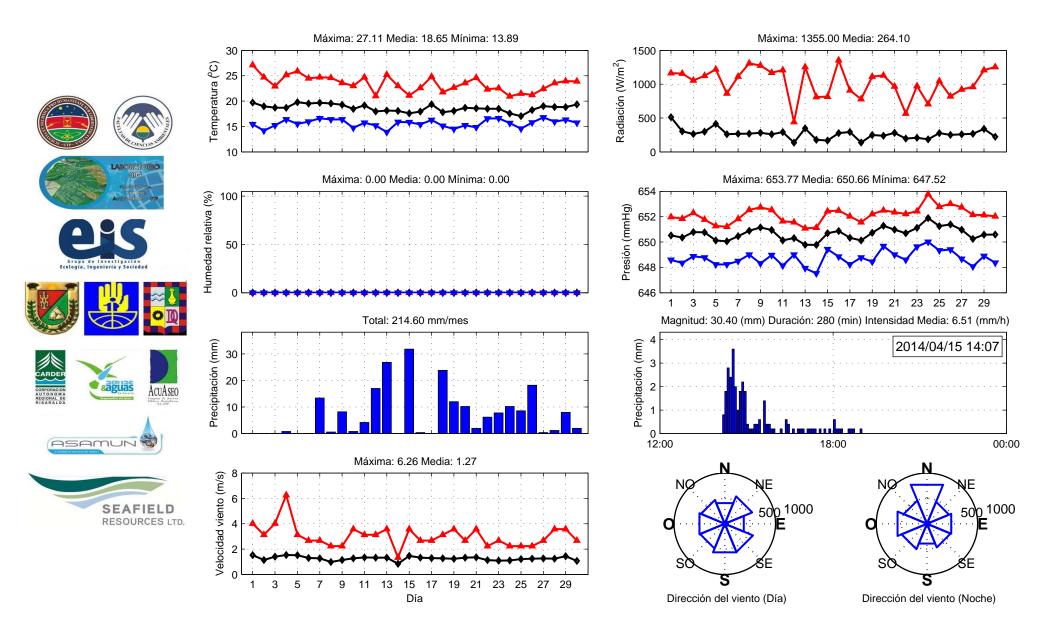
Estación: San Jose Fecha: Abril de 2014 Registros: 30 de 30 Reporte climatológico mensual

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	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m ²)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.11	19.71	15.44	4.02	1.53	650.52	0.00	0.00	4.50	1164.00	512.11
2	24.72	18.96	14.17	3.13	1.14	650.35	0.00	0.00	2.87	1158.00	303.43
3	22.94	18.71	15.22	4.02	1.40	650.78	0.00	0.00	2.57	1056.00	262.89
4	25.17	18.68	16.39	6.26	1.54	650.76	0.00	0.80	3.84	1125.00	297.49
5	25.89	19.78	15.50	3.13	1.52	650.13	0.00	0.00	3.76	1220.00	413.33
6	24.50	19.52	15.94	2.68	1.30	650.05	0.00	0.00	2.44	863.00	261.09
7	24.72	19.66	16.61	2.68	1.28	650.46	0.00	13.40	2.52	1113.00	267.23
8	24.61	19.54	16.39	2.24	0.99	650.88	0.00	0.60	2.52	1308.00	269.43
9	23.61	19.28	16.39	2.24	1.14	651.15	0.00	8.20	2.64	1276.00	282.13
10	23.00	18.48	14.72	3.58	1.27	650.95	0.00	0.80	2.52	1171.00	258.27
11	24.72	19.18	15.72	3.13	1.34	650.13	0.00	4.20	3.00	1208.00	291.03
12	21.00	17.97	15.17	3.13	1.33	650.31	0.00	17.00	1.65	441.00	134.89
13	25.22	18.14	13.89	3.58	1.33	649.78	0.00	26.80	3.79	1255.00	347.36
14	23.00	18.08	15.89	1.34	0.85	649.77	0.00	0.00	1.88	810.00	177.64
15	21.11	17.59	15.83	3.58	1.46	650.70	0.00	31.80	1.80	816.00	166.54
16	22.61	17.94	15.39	2.68	1.33	650.87	0.00	0.40	2.59	1355.00	276.94
17	24.83	19.36	16.28	2.68	1.30	650.33	0.00	0.00	2.72	909.00	294.03
18	21.78	17.80	15.11	3.13	1.27	650.13	0.00	23.80	1.63	780.00	137.40
19	22.67	18.07	14.50	3.58	1.24	650.73	0.00	12.00	2.44	1113.00	248.43
20	23.56	18.68	15.22	2.68	1.33	651.28	0.00	10.20	2.41	1129.00	237.34
21	24.61	18.57	14.83	3.58	1.35	650.97	0.00	2.00	2.69	967.00	280.67
22	22.33	18.48	16.56	2.24	1.14	650.69	0.00	6.20	2.08	566.00	195.86
23	22.56	18.48	16.61	2.68	1.09	651.11	0.00	7.80	2.11	974.00	208.03
24	20.94	17.57	15.67	2.24	1.11	651.88	0.00	10.20	1.93	705.00	185.46
25	21.50	17.05	14.56	2.24	1.22	651.25	0.00	8.60	2.29	1046.00	276.08
26	21.22	18.26	15.78	2.24	1.25	651.38	0.00	18.20	2.36	821.00	250.93
27	22.44	19.02	16.78	2.68	1.27	650.97	0.00	0.40	2.54	923.00	258.15
28	23.56	18.83	15.94	3.58	1.25	650.25	0.00	1.20	5.34	960.00	267.00
29	23.94	18.82	16.33	3.58	1.44	650.58	0.00	8.00	3.15	1209.00	339.40
30	23.89	19.33	15.72	2.68	1.08	650.59	0.00	2.00	2.16	1255.00	222.34
TOTAL								214.60	80.74		
PROM	23.46	18.65	15.62	3.04	1.27	650.66	0.00			1023.20	264.10
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Cuadro 1: Resúmen de análisis climatológico

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Lluvias j Día intensid					Lluvias por jornada			CLL	PT	D	P	DM	MM	IMM	IM5	
Dia	F	M	L	LL	Md	Mñ	T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0	0	1	0	0	0	1	0	1	0.80	0.25	1.04	35.00	0.80	1.20	4.80
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	1	1	0	0	0	2	0	0	2	13.40	0.50	2.08	30.00	12.80	21.94	55.20
8	0	0	2	0	1	0	1	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
9	0	2	3	0	0	1	1	3	5	8.20	1.50	6.25	60.00	6.40	5.91	14.40
10	0	0	2	0	0	1	1	0	2	0.80	0.25	1.04	15.00	0.60	1.80	4.80
11	0	2	1	1	0	1	3	0	4	4.20	0.75	3.13	20.00	1.80	4.32	9.60
12	1	0	2	0	1	0	2	0	3	17.00	1.58	6.60	90.00	16.40	10.36	33.60
13	1	0	4	0	1	1	2	1	5	26.80	1.67	6.94	85.00	26.00	17.33	50.40
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	1	2	0	1	1	1	0	3	31.80	4.08	17.01	280.00	30.40	6.40	43.20
16	0	0	2	0	1	0	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
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	2	0	0	1	1	1	3	23.80	2.33	9.72	175.00	23.40	7.80	50.40
19	1	0	7	0	2	1	3	2	8	12.00	1.58	6.60	35.00	9.00	13.50	40.80
20	0	2	3	0	4	0	1	0	5	10.20	2.92	12.15	140.00	6.20	2.57	7.20
21	0	1	1	0	0	1	0	1	2	2.00	0.58	2.43	35.00	1.80	2.70	7.20
22	0	1	2	0	0	3	0	0	3	6.20	1.42	5.90	90.00	5.80	3.66	12.00
23	0	1	4	2	0	1	4	2	7	7.80	2.17	9.03	55.00	4.00	4.00	12.00
24	0	0	9	0	3	1	2	3	9	10.20	4.08	17.01	275.00	8.60	1.84	4.80
25	0	3	0	0	0	1	0	2	3	8.60	0.92	3.82	55.00	6.20	6.20	31.20
26	1	0	1	1	0	0	2	1	3	18.20	1.67	6.94	100.00	17.00	9.71	38.40
27	0	0	2	0	0	0	2	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
28	0	0	4	0	0	2	2	0	4	1.20	0.50	2.08	20.00	0.40	0.96	2.40
29	0	0	2	0	1	1	0	0	2	8.00	2.75	11.46	220.00	7.80	2.08	4.80
30	0	0	3	0	1	0	0	2	3	2.00	0.58	2.43	30.00	1.20	2.06	4.80
MAX	1	3	9	2	4	3	4	3	9	31.80	4.08	17.01	280.00	30.40	21.94	55.20
TOTAL	6	14	59	4	16	19	30	18	83	214.60	32.58	4.53				

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