

Estación: San Jose Fecha: Mayo de 2014 Registros: 31 de 31

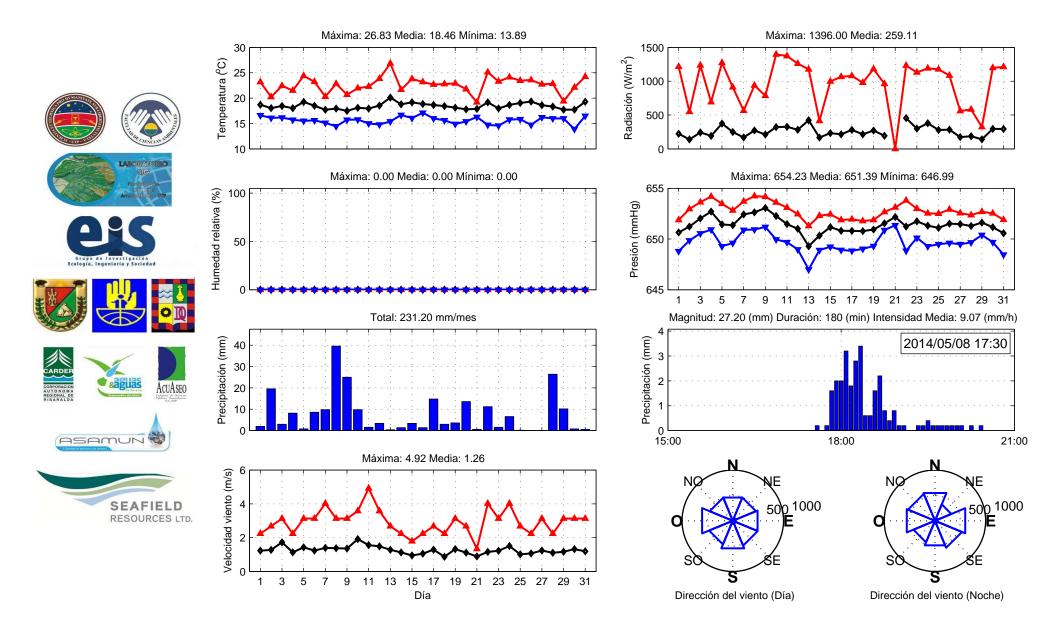
Reporte climatológico mensual

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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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m ²)	
Dia	Máx	Media	Mín	Máx Media		Media	Media	Total	Total	Máx	Media
1	23.17	18.69	16.61	2.24	1.23	650.65	0.00	2.00	2.16	1215.00	223.09
2	20.22	18.02	16.11	2.68	1.28	651.23	0.00	19.60	1.68	548.00	138.12
3	22.44	18.45	16.17	3.13	1.73	652.02	0.00	3.00	2.52	1234.00	242.95
4	21.50	18.00	15.72	2.24	1.14	652.71	0.00	8.20	2.03	691.00	190.59
5	24.39	19.25	15.50	3.13	1.43	651.44	0.00	0.80	3.33	1271.00	373.74
6	23.22	18.50	15.61	3.13	1.24	651.36	0.00	8.60	2.52	911.00	248.51
7	20.28	17.70	15.11	4.02	1.39	652.42	0.00	9.80	1.78	564.00	169.17
8	22.83	17.94	14.44	3.13	1.37	652.63	0.00	39.60	2.49	937.00	272.10
9	20.67	17.49	15.72	3.13	1.35	653.05	0.00	25.00	2.01	784.00	211.10
10	21.94	18.09	15.78	3.58	1.92	652.26	0.00	9.80	2.87	1396.00	321.83
11	22.28	17.95	15.00	4.92	1.56	651.46	0.00	1.60	2.95	1373.00	325.89
12	23.83	18.53	14.78	3.58	1.49	651.00	0.00	3.40	2.67	1259.00	281.65
13	26.83	20.12	15.39	2.68	1.29	649.29	0.00	0.40	3.76	1176.00	422.45
14	21.67	18.77	16.67	2.24	1.13	650.34	0.00	1.40	1.80	413.00	165.99
15	23.78	19.17	16.06	1.79	0.95	651.17	0.00	3.40	2.29	997.00	231.83
16	23.17	18.84	17.11	2.24	1.05	650.81	0.00	1.40	2.08	1065.00	213.99
17	22.67	18.64	16.00	2.68	1.29	650.80	0.00	14.80	2.59	1078.00	279.68
18	22.78	18.43	15.61	2.24	0.87	650.78	0.00	3.00	2.13	979.00	213.76
19	22.89	18.12	14.89	3.13	1.33	650.93	0.00	3.60	2.62	1181.00	269.58
20	21.78	17.79	15.39	2.68	1.12	651.55	0.00	13.60	1.83	960.00	193.74
21	19.17	17.88	16.28	1.34	0.89	652.17	0.00	0.60	0.21	0.00	
22	25.11	19.16	14.72	4.02	1.16	651.23	0.00	11.20	3.89	1232.00	454.79
23	23.28	17.96	14.56	3.13	1.22	651.74	0.00	1.60	2.77	1130.00	298.75
24	24.11	18.65	15.78	4.02	1.51	651.32	0.00	6.60	3.56	1190.00	379.09
25	23.44	19.04	15.83	2.68	1.01	651.09	0.00	0.20	2.57	1176.00	279.14
26	23.56	19.32	14.72	2.24	1.07	651.51	0.00	0.00	2.69	1083.00	283.15
27	22.72	18.59	16.22	3.13	1.24	651.47	0.00	0.00	1.88	559.00	174.06
28	22.83	18.33	16.00	2.24	1.11	651.28	0.00	26.40	2.06	582.00	185.66
29	19.39	17.71	16.00	3.13	1.17	651.62	0.00	10.20	1.63	323.00	140.39
30	22.11	17.72	13.89	3.13	1.32	651.16	0.00	0.80	2.85	1197.00	295.42
31	24.22	19.27	16.50	3.13	1.19	650.57	0.00	0.60	2.69	1211.00	293.17
TOTAL								231.20	74.91		
PROM	22.65	18.46	15.62	2.93	1.26	651.39	0.00			958.55	259.11

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CLL	PT	DP		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	3	0	2	0	1	0	3	2.00	0.75	3.13	50.00	1.60	1.75	4.80
2	1	1	3	0	1	1	1	2	5	19.60	2.75	11.46	60.00	12.00	11.08	52.80
3	0	1	0	1	0	0	2	0	2	3.00	0.58	2.43	35.00	2.20	3.30	14.40
4	0	1	2	0	0	1	2	0	3	8.20	1.33	5.56	75.00	7.20	5.40	14.40
5	0	0	2	0	0	1	0	1	2	0.80	0.25	1.04	20.00	0.60	1.44	4.80
6	0	1	5	0	2	1	1	2	6	8.60	2.50	10.42	80.00	4.00	2.82	19.20
7	1	1	2	0	0	2	2	0	4	9.80	0.75	3.13	15.00	6.80	20.40	72.00
8	1	1	3	0	1	0	3	1	5	39.60	5.67	23.61	180.00	27.20	8.82	40.80
9	0	1	5	0	2	1	0	3	6	25.00	6.33	26.39	230.00	15.20	3.88	12.00
10	0	1	4	2	5	1	0	1	7	9.80	3.00	12.50	140.00	7.00	2.90	7.20
11	0	0	3	0	2	1	0	0	3	1.60	0.58	2.43	45.00	1.20	1.44	4.80
12	0	1	1	1	0	0	0	3	3	3.40	0.83	3.47	50.00	2.40	2.62	9.60
13	0	0	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
14	0	0	2	0	0	1	0	1	2	1.40	0.42	1.74	30.00	1.00	1.71	7.20
15	0	1	4	0	1	0	2	2	5	3.40	0.83	3.47	25.00	2.20	4.40	14.40
16	0	1	2	0	0	1	2	0	3	1.40	0.42	1.74	20.00	1.00	2.40	4.80
17	0	2	2	0	1	0	2	1	4	14.80	2.83	11.81	60.00	7.20	6.65	28.80
18	0	0	6	0	1	1	4	0	6	3.00	1.08	4.51	25.00	1.00	2.00	4.80
19	0	1	2	0	0	2	1	0	3	3.60	0.92	3.82	35.00	2.60	3.90	12.00
20	0	1	1	0	1	1	0	0	2	13.60	2.00	8.33	150.00	13.40	5.19	24.00
21	0	0	1	0	0	0	0	1	1	0.60	0.17	0.69	15.00	0.60	1.80	4.80
22	0	1	4	1	1	0	1	4	6	11.20	2.92	12.15	155.00	5.60	2.10	4.80
23	0	0	4	1	1	1	3	0	5	1.60	0.67	2.78	25.00	0.60	1.20	2.40
24	0	2	1	0	0	0	2	1	3	6.60	1.08	4.51	55.00	3.60	3.60	14.40
25	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1	1	1	0	0	0	3	0	3	26.40	1.33	5.56	65.00	23.40	20.06	76.80
29	0	2	7	0	1	3	3	2	9	10.20	3.25	13.54	125.00	4.20	1.94	9.60
30	0	0	2	0	1	0	1	0	2	0.80	0.33	1.39	25.00	0.60	1.20	2.40
31	0	0	3	0	2	1	0	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
MAX	1	2	7	2	5	3	4	4	9	39.60	6.33	26.39	230.00	27.20	20.40	76.80
TOTAL	4	21	78	6	26	21	37	25	109	231.20	44.08	5.93				

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	$1.0 \text{ (mm/h)} < \text{intensidad} \le 2.5 \text{ (mm/h)}$
LI	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