

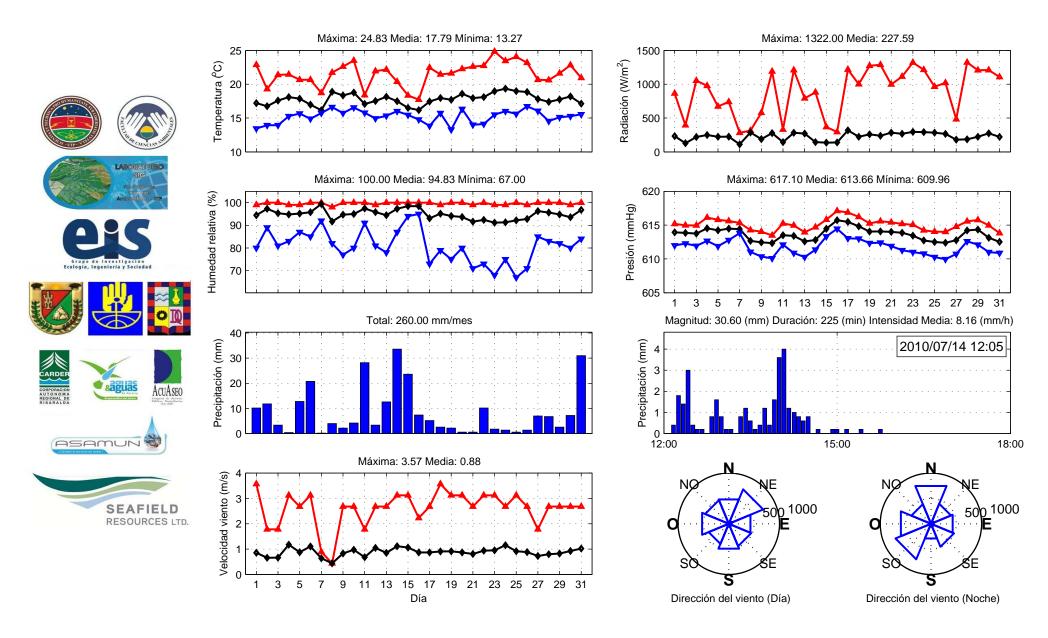
Estación: San Jose Fecha: Julio de 2010 Registros: 31 de 31 Reporte climatológico mensual

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		ra	Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)			
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.88	17.20	13.44	3.57	0.86	613.93	94.45	10.20	1.50	863.00	233.23
2	19.27	16.75	13.94	1.78	0.66	613.85	97.27	11.80	0.70	394.00	126.71
3	21.38	17.58	13.94	1.78	0.66	613.75	95.35	3.40	1.23	1053.00	219.88
4	21.44	18.09	15.27	3.12	1.18	614.53	94.78	0.40	1.59	977.00	248.79
5	20.66	17.86	15.66	2.68	0.88	614.23	95.18	12.80	1.46	671.00	222.40
6	20.66	16.97	14.88	3.12	1.11	614.48	95.78	20.80	2.22	738.00	224.30
7	18.72	16.15	15.72	0.89	0.64	614.40	99.40	0.20	1.31	281.00	110.23
8	21.72	18.87	16.61	0.44	0.44	612.67	91.66	4.00	1.77	313.00	286.39
9	22.61	18.33	15.72	2.68	0.83	612.46	94.67	2.20	1.18	577.00	187.53
10	23.50	18.77	16.55	2.68	0.97	612.33	95.01	4.20	1.91	1188.00	276.66
11	18.38	17.08	15.77	1.78	0.68	613.51	97.43	28.20	0.79	330.00	144.12
12	21.94	17.52	14.94	2.68	1.05	613.40	95.83	3.40	1.79	1208.00	281.10
13	22.16	18.14	15.33	2.68	0.85	612.59	94.45	12.60	1.69	791.00	270.68
14	20.38	17.49	16.00	3.12	1.11	612.79	97.29	33.60	0.75	879.00	144.51
15	18.33	16.49	15.44	3.12	1.06	614.46	98.46	23.60	0.81	367.00	134.92
16	17.72	16.17	14.77	2.23	0.87	615.72	98.39	7.40	0.76	294.00	138.74
17	22.44	17.43	13.83	2.68	0.87	615.48	93.07	5.20	1.89	1216.00	317.34
18	21.44	17.95	15.72	3.57	0.91	614.82	95.14	2.60	1.43	1000.00	222.50
19	21.61	17.70	13.27	3.12	0.91	614.04	94.09	2.20	3.45	1273.00	259.38
20	22.27	18.59	16.33	3.12	0.87	614.06	93.67	0.60	1.76	1287.00	238.19
21	22.61	17.95	14.00	2.68	0.81	614.00	91.63	0.60	1.79	997.00	283.73
22	22.72	18.10	14.11	3.12	0.94	613.87	92.38	10.20	1.76	1113.00	266.45
23	24.83	18.97	15.50	3.12	0.95	613.44	91.16	1.80	3.49	1320.00	295.24
24	23.44	19.33	16.00	2.68	1.15	612.73	91.33	1.40	1.85	1213.00	292.26
25	24.05	18.98	15.61	3.12	0.92	612.50	92.19	0.60	1.55	963.00	283.74
26	23.16	18.85	16.72	2.68	0.88	612.39	92.78	1.40	1.67	1020.00	264.89
27	20.66	17.81	16.05	1.78	0.73	612.77	96.27	7.00	1.23	483.00	179.37
28	20.61	17.39	14.55	2.68	0.80	614.20	95.61	6.80	1.19	1322.00	184.20
29	21.61	17.74	15.11	2.68	0.83	614.34	94.79	2.60	1.43	1206.00	222.83
30	22.83	18.19	15.27	2.68	0.93	613.12	93.55	7.20	1.92	1209.00	274.30
31	20.94	17.13	15.55	2.68	1.02	612.52	96.79	31.00	1.31	1106.00	220.56
TOTAL								260.00	49.18		
PROM	21.52	17.79	15.21	2.60	0.88	613.66	94.83			892.00	227.59
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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	1	0	4	0	1	1	3	0	5	10.20	1.08	4.51	65.00	9.40	8.06	52.80
2	0	1	2	0	0	1	2	0	3	11.80	2.25	9.38	180.00	11.40	3.70	14.40
3	0	0	6	0	1	0	4	1	6	3.40	1.25	5.21	45.00	1.20	1.44	4.80
4	0	0	2	0	0	0	2	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
5	0	2	5	1	0	2	3	3	8	12.80	3.17	13.19	105.00	4.80	2.62	9.60
6	0	1	5	0	3	1	1	1	6	20.80	3.75	15.63	145.00	15.60	6.24	45.60
7	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
8	1	0	0	0	0	0	1	0	1	4.00	0.08	0.35	5.00	4.00	24.00	48.00
9	0	0	4	1	2	1	2	0	5	2.20	0.83	3.47	40.00	1.20	1.60	4.80
10	0	2	3	0	1	0	4	0	5	4.20	0.67	2.78	20.00	2.40	5.76	21.60
11	0	3	9	0	3	5	3	1	12	28.20	6.92	28.82	200.00	10.40	3.04	9.60
12	0	1	3	0	0	1	3	0	4	3.40	1.08	4.51	45.00	2.40	2.88	7.20
13	0	2	3	0	2	1	2	0	5	12.60	2.58	10.76	115.00	6.80	3.40	19.20
14	1	0	7	0	3	0	2	3	8	33.60	3.83	15.97	225.00	30.60	7.98	48.00
15	0	1	5	0	2	1	3	0	6	23.60	6.00	25.00	85.00	9.80	6.53	24.00
16	0	0	8	2	4	2	4	0	10	7.40	3.00	12.50	95.00	2.40	1.44	4.80
17	0	0	4	0	0	0	2	2	4	5.20	2.00	8.33	125.00	3.40	1.57	4.80
18	0	0	4	1	1	0	4	0	5	2.60	1.00	4.17	30.00	1.20	2.06	4.80
19	0	1	3	0	0	1	2	1	4	2.20	0.67	2.78	20.00	1.00	2.40	7.20
20	0	0	3	0	1	1	1	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
21	0	0	3	0	0	1	2	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
22	1	0	1	0	1	1	0	0	2	10.20	0.83	3.47	55.00	10.00	10.00	43.20
23	0	1	3	0	0	1	3	0	4	1.80	0.50	2.08	15.00	0.80	2.40	4.80
24	0	0	1	0	0	0	0	1	1	1.40	0.33	1.39	35.00	1.40	2.10	7.20
25	0	0	2	0	0	0	1	1	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
26	0	0	3	1	3	1	0	0	4	1.40	0.58	2.43	55.00	0.80	0.80	2.40
27	0	1	6	1	3	1	4	0	8	7.00	2.00	8.33	60.00	3.20	2.95	7.20
28	0	2	1	0	0	0	3	0	3	6.80	1.08	4.51	40.00	3.60	4.80	14.40
29	0	0	3	0	0	1	2	0	3	2.60	0.83	3.47	50.00	2.00	2.18	4.80
30	0	0	3	0	0	0	1	2	3	7.20	1.92	7.99	115.00	4.40	2.20	7.20
31	0	1	3	0	1	1	2	0	4	31.00	7.08	29.51	180.00	15.40	4.99	81.60
MAX	1	3	9	2	4	5	4	3	12	33.60	7.08	29.51	225.00	30.60	24.00	81.60
TOTAL	4	19	110	7	32	26	66	16	140	260.00	56.25	7.56				

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)