

Estación: Lago

Fecha: Enero de 2011

Registros: 31 de 31

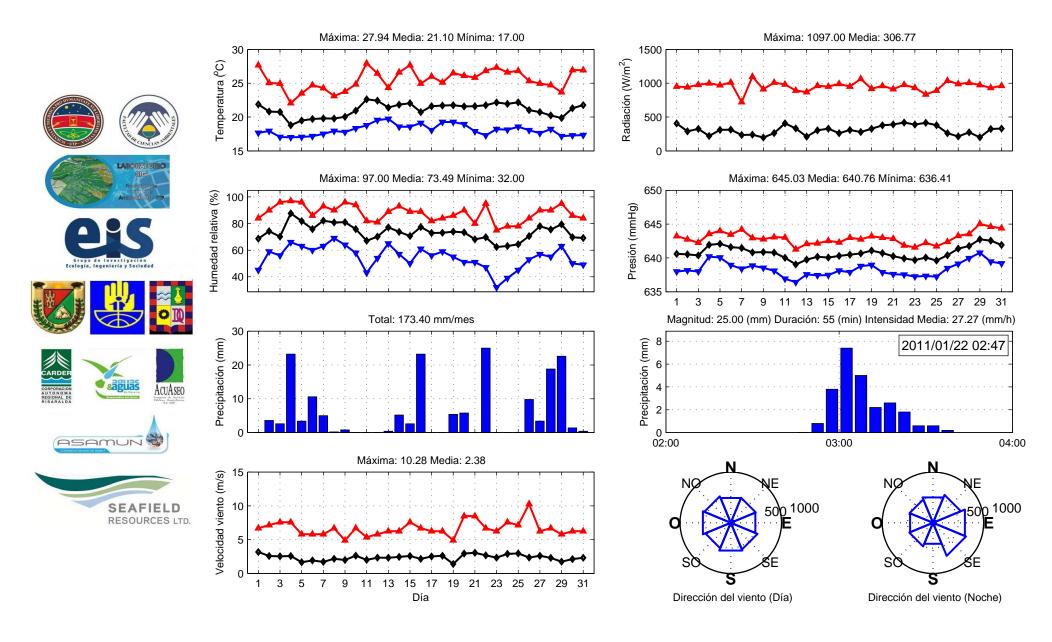
Reporte climatológico mensual

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				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	27.66	21.87	17.66	6.70	3.18	640.59	68.64	0.00	3.93	951.00	405.80
2	25.05	20.81	17.94	7.15	2.58	640.52	74.22	3.60	2.69	940.00	288.09
3	24.94	20.74	17.05	7.59	2.53	640.36	70.19	2.60	3.13	977.00	325.30
4	22.05	18.78	17.00	7.59	2.58	641.93	87.65	23.20	1.62	998.00	218.83
5	23.50	19.47	17.05	5.81	1.67	642.09	81.87	3.40	2.41	970.00	309.96
6	24.72	19.70	17.16	5.81	1.94	641.60	75.83	10.60	2.76	1011.00	313.44
7	24.27	19.79	17.50	5.81	1.71	641.47	82.15	5.00	2.02	721.00	233.52
8	23.11	19.78	17.94	6.70	2.18	640.81	80.88	0.20	2.01	1097.00	238.82
9	23.77	20.03	17.77	4.91	2.00	640.86	81.04	0.80	1.67	911.00	196.16
10	24.83	20.94	18.33	6.70	2.63	640.78	75.79	0.00	2.41	1009.00	262.77
11	27.94	22.62	18.77	5.36	2.01	640.01	67.07	0.00	3.55	981.00	407.44
12	26.44	22.41	19.55	5.81	2.35	639.04	70.19	0.00	3.32	891.00	331.54
13	24.33	21.39	19.72	6.25	2.32	639.75	77.14	0.40	2.10	868.00	209.22
14	26.61	21.82	18.55	6.25	2.45	640.17	73.75	5.20	2.99	962.00	302.36
15	27.66	22.04	18.55	7.59	2.59	640.04	70.63	2.60	3.09	951.00	327.29
16	24.94	20.73	19.11	6.70	2.15	640.30	77.44	23.20	2.34	990.00	260.93
17	26.00	21.60	18.05	6.25	2.53	640.49	72.89	0.00	2.84	951.00	308.63
18	25.11	21.70	19.27	6.25	2.62	640.66	73.10	0.00	2.43	1063.00	279.14
19	26.50	21.74	19.27	4.91	1.41	641.09	73.87	5.40	2.76	918.00	326.75
20	26.11	21.57	18.94	8.49	2.95	640.71	73.45	5.80	3.66	960.00	376.84
21	25.83	21.60	17.88	8.49	3.07	640.25	68.15	0.00	3.78	912.00	390.62
22	26.83	21.75	17.27	6.70	2.69	639.92	69.73	25.00	3.67	977.00	418.70
23	27.33	22.16	18.22	6.25	2.34	639.68	62.40	0.00	3.70	932.00	387.74
24	26.61	21.95	18.11	7.59	2.91	640.06	63.18	0.00	4.17	833.00	414.92
25	26.83	22.18	18.55	7.15	2.97	639.60	64.38	0.00	3.65	891.00	378.68
26	25.33	21.01	18.05	10.28	2.35	640.40	70.60	9.80	2.53	1037.00	260.08
27	24.94	20.72	17.61	6.25	2.62	641.36	78.03	3.40	1.83	988.00	212.11
28	24.72	20.23	18.22	6.70	2.31	641.75	75.52	18.80	2.58	1007.00	273.91
29	23.66	19.85	17.16	5.81	1.76	642.75	79.43	22.60	1.91	974.00	198.84
30	26.94	21.30	17.27	6.25	2.13	642.55	69.73	1.40	3.01	930.00	322.17
31	26.94	21.76	17.33	6.25	2.33	641.90	69.14	0.40	3.10	962.00	329.25
TOTAL								173.40	87.66		
PROM	25.53	21.10	18.09	6.66	2.38	640.76	73.49			953.65	306.77
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	D)P	DM	MM	IMM	IM5	
Día		inten			3.5.4	jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		<u> </u>	(h)	(%)	<u> </u>		`	
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	1	1	0	1	0	1	0	2	3.60	0.50	2.08	30.00	3.40	5.83	16.80
3	0	1	0	0	0	0	0	1	1	2.60	0.50	2.08	45.00	2.60	3.12	9.60
4	0	2	6	0	3	2	1	2	8	23.20	5.67	23.61	145.00	12.60	5.04	9.60
5	0	0	5	2	7	0	0	0	7	3.40	1.42	5.90	55.00	1.40	1.40	2.40
6	1	0	0	0	0	0	1	0	1	10.60	0.58	2.43	55.00	10.60	10.60	52.80
7	0	1	4	0	1	2	0	2	5	5.00	1.25	5.21	50.00	3.80	4.15	9.60
8	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
9	0	0	2	0	0	0	1	1	2	0.80	0.25	1.04	20.00	0.60	1.44	4.80
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	0	1	0	0	1	0	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
14	1	1	0	0	1	0	1	0	2	5.20	0.42	1.74	20.00	4.40	10.56	28.80
15	0	1	0	0	0	0	0	1	1	2.60	0.42	1.74	35.00	2.60	3.90	9.60
16	1	0	1	0	0	0	2	0	2	23.20	1.17	4.86	70.00	23.00	18.40	48.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1	0	0	0	0	0	1	0	1	5.40	0.50	2.08	35.00	5.40	8.10	24.00
20	1	0	2	0	1	0	1	1	3	5.80	0.75	3.13	20.00	3.80	9.12	21.60
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	1	0	0	0	1	0	0	0	1	25.00	0.83	3.47	55.00	25.00	25.00	88.80
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	1	0	1	0	0	0	1	1	2	9.80	0.67	2.78	40.00	9.60	12.80	50.40
27	0	0	4	1	2	1	1	1	5	3.40	1.25	5.21	90.00	2.20	1.39	4.80
28	1	1	1	0	1	1	1	0	3	18.80	0.92	3.82	40.00	16.20	21.60	45.60
29	1	0	0	0	1	0	0	0	1	22.60	2.33	9.72	165.00	22.60	7.98	55.20
30	0	1	1	0	0	0	0	2	2	1.40	0.25	1.04	15.00	1.20	3.60	9.60
31	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
MAX	1	2	6	2	7	2	2	2	8	25.00	5.67	23.61	165.00	25.00	25.00	88.80
TOTAL	9	9	31	3	19	8	13	12	52	173.40	19.92	2.68				

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)