

Estación: Lago

Fecha: Octubre de 2011 Registros: 31 de 31

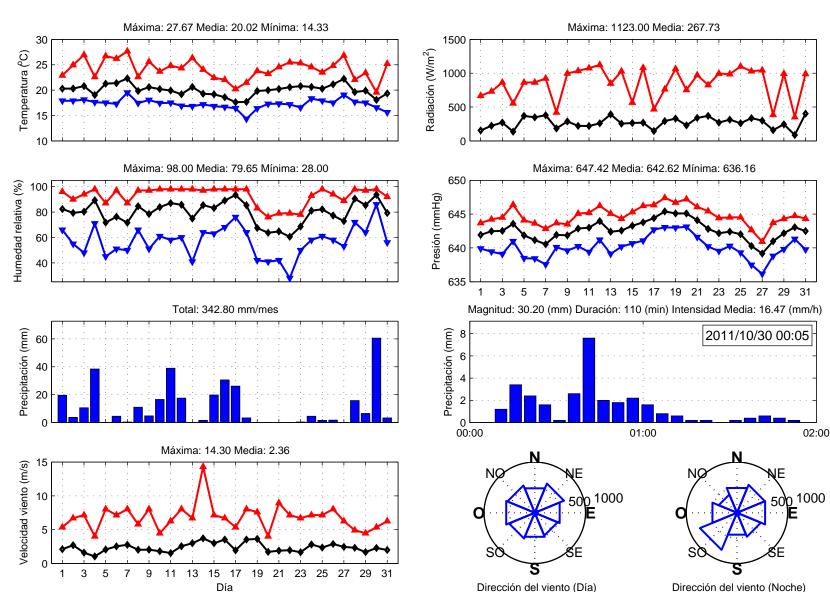
Contáctenos: http://www.utp.edu.co/hidroclimatologica

Red Hidroclimatológica del Departamento de Risaralda

Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.

Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH





Reporte climatológico mensual

Estación: Lago Fecha: Octubre 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: www.utp.edu.co/hidroclimatologica

	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	22.89	20.28	17.89	5.36	2.11	641.92	82.38	19.60	1.40	666.00	153.14
2	24.94	20.30	17.89	6.71	2.70	642.47	79.37	3.80	2.08	731.00	223.13
3	26.94	20.78	18.11	7.15	1.60	642.52	80.35	10.60	2.16	863.00	270.35
4	22.61	19.04	17.61	4.02	1.04	643.57	89.29	38.40	1.14	554.00	135.87
5	26.72	21.27	17.50	8.05	2.06	641.86	71.76	0.00	3.38	863.00	368.99
6	26.22	21.38	17.28	7.15	2.54	641.16	76.26	4.60	3.13	863.00	347.71
7	27.67	22.29	19.50	8.05	2.77	640.55	71.68	0.40	3.61	923.00	378.07
8	22.61	19.83	17.44	5.81	2.03	641.93	84.62	11.00	1.55	420.00	183.97
9	25.61	20.59	18.06	8.05	2.04	641.86	78.51	4.80	2.54	997.00	286.81
10	23.67	20.19	17.44	4.47	1.82	642.87	83.86	16.60	1.68	1034.00	221.36
11	24.83	19.91	17.50	6.26	1.53	642.99	87.08	39.00	1.68	1076.00	219.43
12	24.33	19.18	16.89	8.05	2.55	643.97	85.70	17.60	2.06	1123.00	259.22
13	26.33	20.62	16.83	6.71	2.99	642.38	74.92	0.00	3.56	847.00	392.59
14	24.06	19.29	17.17	14.30	3.73	642.57	85.50	1.60	2.21	1030.00	253.20
15	22.44	19.18	16.83	7.15	3.00	643.28	83.21	19.80	2.36	566.00	263.46
16	22.06	18.60	16.67	6.71	3.54	643.78	89.02	30.60	1.98	1081.00	269.04
17	20.22	17.62	16.44	5.36	1.95	644.40	93.44	26.20	1.04	468.00	145.85
18	21.50	17.69	14.33	8.05	3.54	645.39	85.34	3.40	2.31	763.00	291.35
19	23.78	19.82	16.39	7.60	3.64	645.09	67.43	0.00	3.23	1063.00	329.68
20	23.22	19.99	17.28	4.02	1.71	645.09	63.67	0.00	2.03	754.00	228.96
21	24.56	20.22	17.33	8.94	1.90	644.09	64.73	0.00	3.20	972.00	339.06
22	25.50	20.58	17.17	7.15	1.96	642.81	60.54	0.00	3.63	826.00	368.79
23	25.33	20.78	16.56	6.71	1.67	642.16	68.56	0.40	2.62	995.00	270.31
24	24.56	20.63	18.33	7.15	2.83	642.40	81.12	4.60	2.64	986.00	313.48
25	23.50	20.28	17.89	7.15	2.36	642.02	82.13	1.60	2.31	1100.00	259.92
26	24.83	21.14	17.50	8.05	2.89	640.29	77.26	1.80	2.97	1030.00	335.85
27	26.83	22.21	19.06	6.26	2.46	639.16	72.91	0.00	2.85	1044.00	298.78
28	22.06	19.60	17.67	4.92	2.33	640.99	90.50	15.80	1.22	385.00	158.69
29	23.39	19.89	17.50	4.47	1.68	642.17	85.36	6.60	1.88	993.00	244.54
30	19.56	18.06	16.56	5.36	2.30	643.06	93.61	60.60	0.64	350.00	86.28
31	25.22	19.35	15.61	6.26	1.99	642.48	79.23	3.40	3.25	990.00	401.72
TOTAL								342.80	72.34		
PROM	24.13	20.02	17.30	6.82	2.36	642.62	79.65			850.19	267.73

Cuadro 1: Resúmen de análisis climatológico

Estación: Lago Fecha: Octubre 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: www.utp.edu.co/hidroclimatologica

	Lluvias por				Lluvias por				PT	D	DP		MM	IMM	IM5	
Día		inten	sidad			jorn	ada		CLL	(mm)			DM (min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(11111)	(11111/11)	(11111/11)
1	1	0	2	0	1	1	1	0	3	19.60	1.58	6.60	95.00	19.20	11.52	50.40
2	0	1	4	0	0	0	3	2	5	3.80	0.75	3.13	30.00	2.40	4.11	24.00
3	0	2	2	0	0	1	1	2	4	10.60	1.75	7.29	120.00	9.00	4.32	21.60
4	1	1	4	0	1	2	3	0	6	38.40	5.83	24.31	175.00	24.00	8.00	31.20
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	2	0	2	0	0	0	2	4.60	1.58	6.60	140.00	4.40	1.82	4.80
7	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
8	0	1	1	0	2	0	0	0	2	11.00	2.17	9.03	165.00	9.40	3.32	36.00
9	0	1	0	0	0	0	0	1	1	4.80	0.92	3.82	85.00	4.80	3.20	12.00
10	0	2	5	0	4	2	1	0	7	16.60	3.83	15.97	140.00	9.80	4.06	9.60
11	0	3	3	0	2	0	2	2	6	39.00	6.25	26.04	220.00	25.60	6.83	26.40
12	0	2	5	1	3	0	2	3	8	17.60	4.00	16.67	185.00	12.80	4.04	36.00
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	0	6	0	0	0	3	3	6	1.60	0.58	2.43	30.00	0.60	1.03	4.80
15	0	1	2	0	0	0	0	3	3	19.80	3.33	13.89	220.00	19.20	5.12	52.80
16	0	3	2	0	0	0	3	2	5	30.60	5.92	24.65	285.00	20.60	4.26	21.60
17	0	2	7	1	4	0	3	3	10	26.20	5.83	24.31	110.00	12.20	6.37	24.00
18	0	0	5	0	4	1	0	0	5	3.40	1.25	5.21	80.00	1.60	1.13	4.80
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
24	0	0	5	0	2	1	2	0	5	4.60	1.42	5.90	70.00	2.80	2.24	7.20
25	0	1	1	0	1	0	1	0	2	1.60	0.25	1.04	15.00	1.40	4.20	9.60
26	0	1	3	0	3	0	0	1	4	1.80	0.58	2.43	20.00	1.00	2.40	4.80
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	0	2	4	1	2	1	3	1	7	15.80	3.75	15.63	140.00	8.40	3.48	19.20
29	0	1	0	0	0	0	0	1	1	6.60	1.58	6.60	140.00	6.60	2.73	19.20
30	2	1	2	0	3	1	1	0	5	60.60	4.50	18.75	110.00	30.20	15.76	91.20
31	0	1	0	0	0	0	1	0	1	3.40	0.50	2.08	35.00	3.40	5.10	21.60
MAX	2	3	7	1	4	2	3	3	10	60.60	6.25	26.04	285.00	30.20	15.76	91.20
TOTAL	4	26	67	3	34	10	32	24	100	342.80	58.33	7.84				

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

Cantidad de Lluvias
Precipitación total (mm)
Duración precipitacion diaria
Duración máxima lluvia aislada (min)
Magnitud máx. lluvia aislada (mm)
Intensidad media máxima (mm/h)
Intensidad máx. en 5 minutos (mm/h)