Estación: Lago
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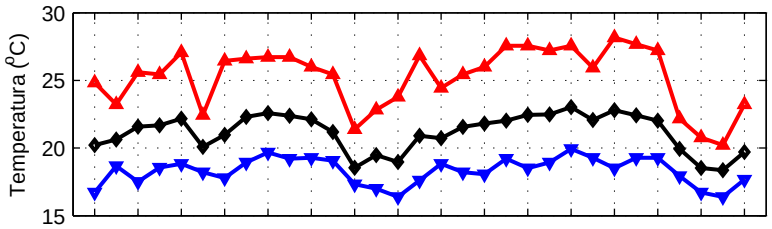
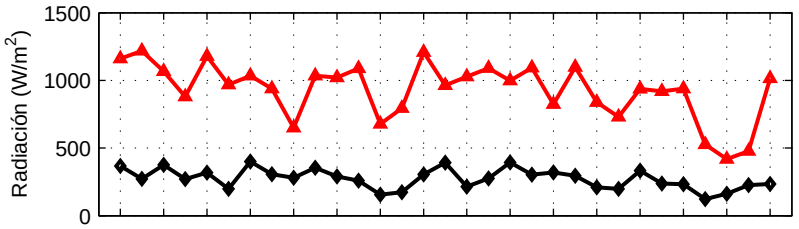
Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: **http://www.utp.edu.co/hidroclimatologica**

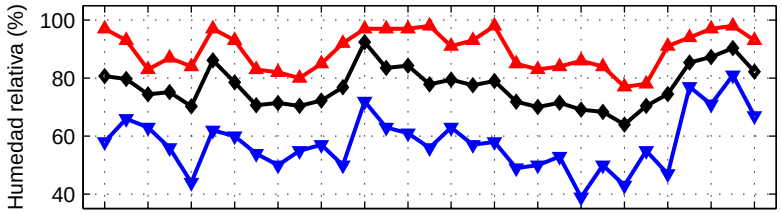
Máxima: 28.17 Media: 21.15 Mínima: 16.39



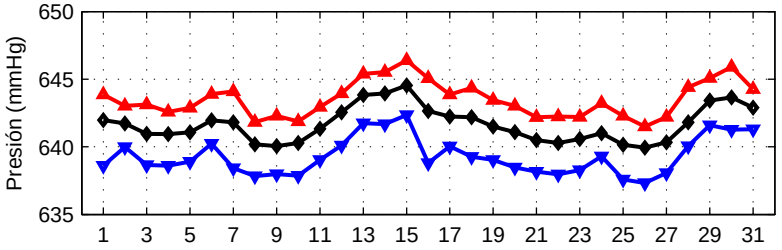
Máxima: 1218.00 Media: 273.19



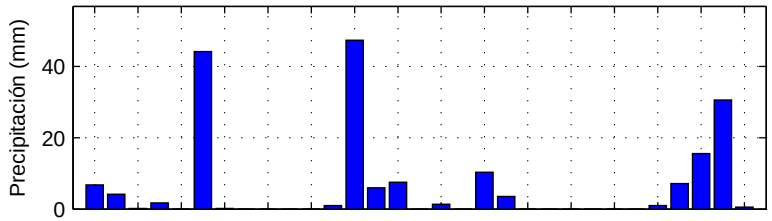
Máxima: 98.00 Media: 76.96 Mínima: 39.00



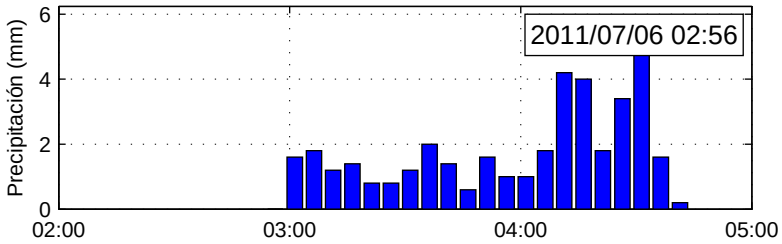
Máxima: 646.40 Media: 641.66 Mínima: 637.33



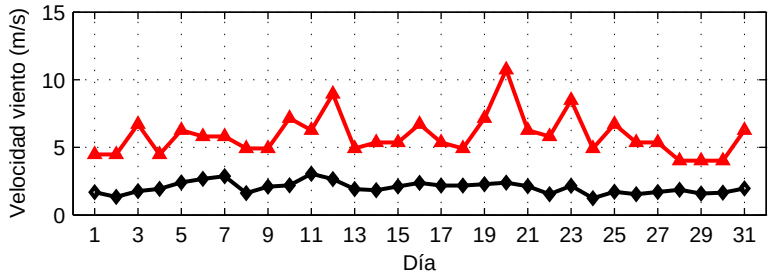
Total: 189.80 mm/mes

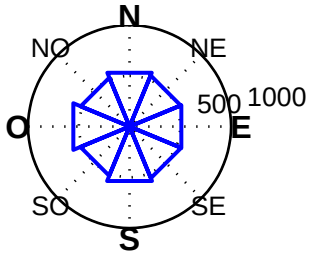


Magnitud: 38.60 (mm) Duración: 110 (min) Intensidad Media: 21.05 (mm/h)

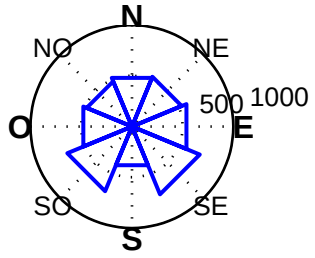


Máxima: 10.73 Media: 2.02





Dirección del viento (Día)



Dirección del viento (Noche)

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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m^2)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.83	20.22	16.72	4.47	1.68	641.98	80.66	6.80	3.10	1160.00	367.07
2	23.22	20.63	18.67	4.47	1.34	641.72	79.70	4.20	2.49	1218.00	271.21
3	25.61	21.58	17.50	6.71	1.77	640.96	74.40	0.20	3.53	1067.00	376.15
4	25.44	21.67	18.56	4.47	1.93	640.94	75.18	1.80	2.46	879.00	269.96
5	27.06	22.16	18.83	6.26	2.41	641.07	70.30	0.00	2.92	1178.00	318.29
6	22.44	20.09	18.22	5.81	2.67	641.96	86.10	44.20	1.73	969.00	198.17
7	26.44	20.97	17.78	5.81	2.86	641.82	78.55	0.20	3.20	1035.00	400.84
8	26.61	22.31	18.94	4.92	1.62	640.18	70.67	0.00	2.90	939.00	306.26
9	26.72	22.58	19.67	4.92	2.10	640.05	71.40	0.00	2.90	649.00	279.39
10	26.72	22.38	19.22	7.15	2.19	640.29	70.44	0.00	3.35	1035.00	353.35
11	26.00	22.12	19.28	6.26	3.05	641.34	72.27	0.00	2.87	1021.00	289.17
12	25.44	21.19	19.06	8.94	2.66	642.54	76.84	1.00	2.62	1088.00	259.29
13	21.39	18.53	17.33	4.92	1.91	643.83	92.39	47.40	1.14	677.00	154.75
14	22.83	19.48	17.00	5.36	1.83	643.94	83.55	6.00	1.40	795.00	173.86
15	23.78	18.97	16.39	5.36	2.11	644.54	84.28	7.60	2.41	1208.00	305.26
16	26.83	20.90	17.61	6.71	2.37	642.65	77.90	0.00	3.51	963.00	391.32
17	24.44	20.72	18.83	5.36	2.17	642.24	79.48	1.40	2.03	1028.00	213.62
18	25.44	21.57	18.22	4.92	2.18	642.18	77.59	0.00	2.46	1090.00	274.83
19	26.00	21.80	18.06	7.15	2.27	641.49	79.03	10.40	3.38	998.00	393.23
20	27.56	22.03	19.22	10.73	2.40	641.09	71.90	3.60	3.00	1093.00	302.62
21	27.56	22.45	18.50	6.26	2.13	640.50	70.08	0.00	2.95	824.00	319.52
22	27.22	22.48	18.94	5.81	1.54	640.29	71.53	0.00	2.74	1099.00	294.36
23	27.56	23.03	19.94	8.49	2.15	640.57	69.11	0.00	2.41	838.00	209.15
24	25.94	22.07	19.28	4.92	1.24	641.01	68.33	0.00	1.88	731.00	198.50
25	28.17	22.80	18.50	6.71	1.72	640.15	64.04	0.00	3.30	937.00	333.25
26	27.67	22.41	19.28	5.36	1.54	639.93	70.46	0.00	2.46	919.00	238.19
27	27.22	22.02	19.28	5.36	1.70	640.33	74.45	1.00	2.29	939.00	232.02
28	22.17	19.94	17.94	4.02	1.87	641.82	85.33	7.20	1.14	526.00	123.04
29	20.78	18.52	16.72	4.02	1.59	643.43	87.25	15.60	1.32	418.00	161.99
30	20.22	18.36	16.39	4.02	1.66	643.65	90.31	30.60	1.70	478.00	225.68
31	23.22	19.71	17.67	6.26	1.96	642.90	82.24	0.60	1.98	1014.00	234.49
TOTAL								189.80	77.57		
PROM	25.24	21.15	18.31	5.87	2.02	641.66	76.96			929.45	273.19

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada				CLL	PT (mm)	DP		DM (min)	MM (mm)	IMM (mm/h)	IM5 (mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)				
1	0	0	2	0	2	0	0	0	2	6.80	2.33	9.72	175.00	6.60	2.20	4.80
2	0	2	3	1	1	2	3	0	6	4.20	1.00	4.17	25.00	1.60	3.20	9.60
3	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
4	0	0	1	0	0	0	1	0	1	1.80	0.50	2.08	50.00	1.80	1.96	7.20
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	1	0	1	1	1	1	1	0	3	44.20	3.42	14.24	110.00	38.60	20.14	62.40
7	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	1	1	1.00	0.33	1.39	30.00	1.00	1.71	4.80
13	1	2	7	0	3	3	3	1	10	47.40	5.83	24.31	230.00	37.40	9.55	76.80
14	0	0	2	0	0	0	1	1	2	6.00	2.00	8.33	145.00	5.20	2.08	4.80
15	0	0	4	0	2	0	1	1	4	7.60	2.92	12.15	285.00	6.20	1.28	4.80
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0	0	2	0	0	0	2	0	2	1.40	0.42	1.74	25.00	0.80	1.60	4.80
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	0	1	1	0	1	0	1	0	2	10.40	1.67	6.94	100.00	10.00	5.71	14.40
20	0	1	0	0	0	0	1	0	1	3.60	0.50	2.08	35.00	3.60	5.40	19.20
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	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	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	3	0	2	0	1	0	3	1.00	0.33	1.39	15.00	0.60	1.80	4.80
28	1	0	5	0	0	2	3	1	6	7.20	1.50	6.25	30.00	4.40	7.54	26.40
29	0	1	6	0	4	3	0	0	7	15.60	3.83	15.97	135.00	9.60	4.11	19.20
30	0	1	2	1	3	1	0	0	4	30.60	4.33	18.06	235.00	27.80	6.95	33.60
31	0	0	2	0	0	0	1	1	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
MAX	1	2	7	1	4	3	3	1	10	47.40	5.83	24.31	285.00	38.60	20.14	76.80
TOTAL	3	8	44	3	19	12	21	6	58	189.80	31.25	4.20				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	7.6 (mm/h) $\leq$ intensidad
M	Moderada	2.5 (mm/h) $<$ intensidad $\leq$ 7.6 (mm/h)
L	Ligera	1.0 (mm/h) $<$ intensidad $\leq$ 2.5 (mm/h)
LL	Llovizna	1.0 (mm/h) $\geq$ 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