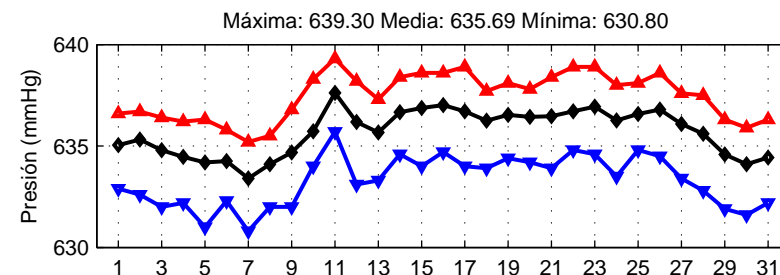
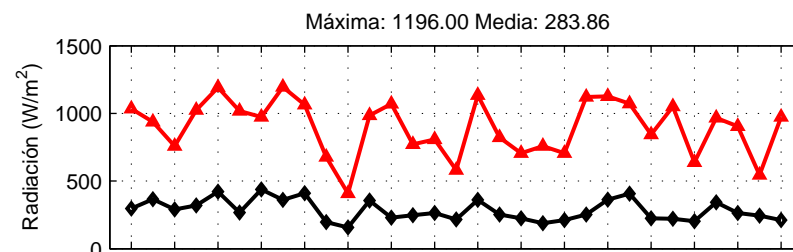
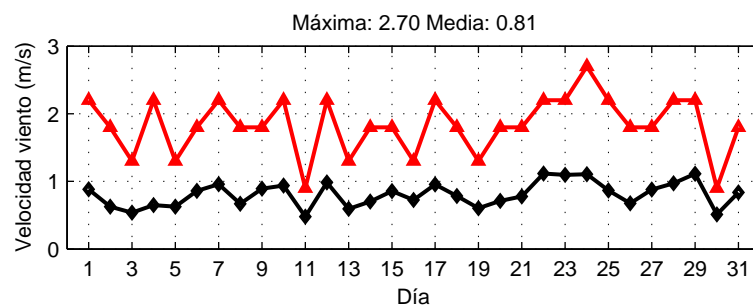
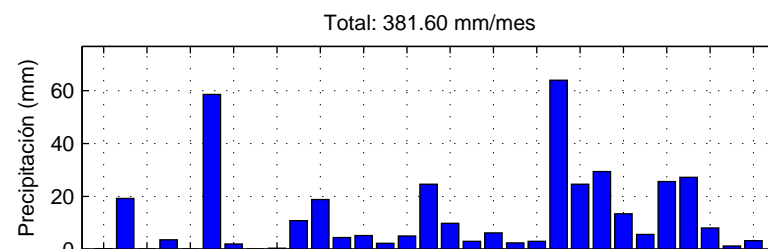
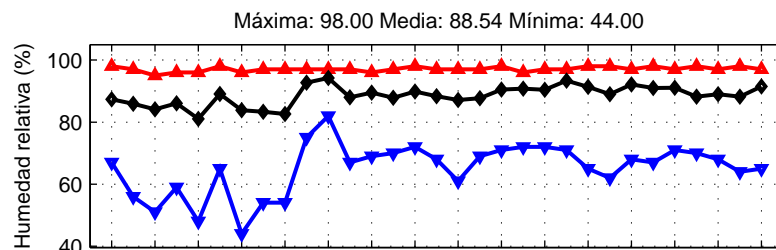
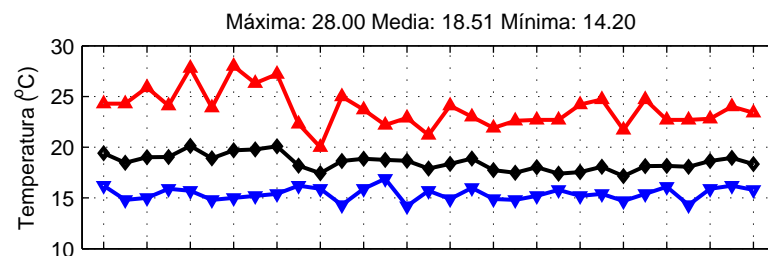
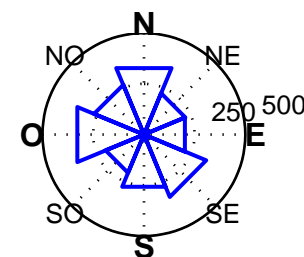
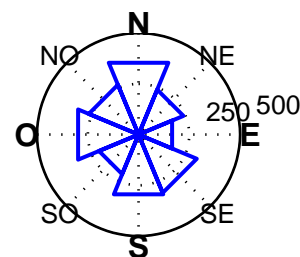
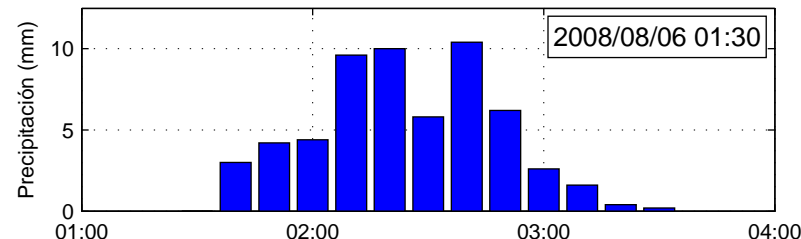


Estación: Acuaseo
Fecha: Agosto de 2008
Registros: 31 de 31

Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>



Magnitud: 58.40 (mm) Duración: 130 (min) Intensidad Media: 26.95 (mm/h)



Estación: Acuaseo
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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	24.30	19.40	16.20	2.20	0.88	635.04	87.36	0.20	2.36	1035.00	297.12
2	24.30	18.47	14.80	1.80	0.63	635.32	85.92	19.20	2.94	937.00	365.86
3	25.90	19.01	15.00	1.30	0.54	634.79	84.12	0.00	2.42	758.00	289.83
4	24.10	19.04	15.90	2.20	0.65	634.47	86.05	3.60	2.50	1025.00	320.28
5	27.80	20.12	15.70	1.30	0.63	634.19	81.01	0.00	3.40	1192.00	421.94
6	23.90	18.89	14.80	1.80	0.86	634.26	89.08	58.60	2.12	1018.00	266.37
7	28.00	19.69	15.00	2.20	0.96	633.40	83.84	2.00	3.56	974.00	437.22
8	26.30	19.77	15.20	1.80	0.67	634.10	83.34	0.00	2.99	1196.00	360.91
9	27.20	20.08	15.40	1.80	0.89	634.68	82.65	0.40	3.44	1064.00	409.11
10	22.30	18.19	16.20	2.20	0.94	635.72	92.69	10.80	1.47	678.00	197.08
11	20.00	17.44	15.90	0.90	0.48	637.62	94.19	18.80	1.09	408.00	156.27
12	25.00	18.65	14.30	2.20	0.99	636.18	87.99	4.40	2.79	985.00	355.58
13	23.70	18.86	15.90	1.30	0.59	635.67	89.47	5.20	1.82	1070.00	229.68
14	22.20	18.76	16.90	1.80	0.70	636.66	87.85	2.20	2.00	772.00	247.42
15	22.90	18.65	14.20	1.80	0.86	636.87	89.84	5.00	2.07	807.00	263.27
16	21.20	17.89	15.70	1.30	0.73	637.02	88.32	24.60	1.63	580.00	216.27
17	24.10	18.35	14.90	2.20	0.96	636.71	87.10	9.80	2.76	1135.00	360.36
18	23.00	18.89	16.00	1.80	0.78	636.25	87.69	3.00	2.09	823.00	252.29
19	21.90	17.74	14.90	1.30	0.60	636.54	90.52	6.20	1.75	706.00	223.51
20	22.60	17.49	14.80	1.80	0.71	636.44	90.77	2.40	1.51	758.00	188.82
21	22.70	18.02	15.20	1.80	0.78	636.46	90.42	3.00	1.63	705.00	210.54
22	22.70	17.40	15.80	2.20	1.11	636.71	93.33	64.00	1.73	1121.00	252.18
23	24.20	17.55	15.20	2.20	1.09	636.94	91.32	24.60	2.77	1127.00	362.07
24	24.70	18.08	15.40	2.70	1.11	636.26	88.96	29.40	2.85	1072.00	406.52
25	21.70	17.15	14.70	2.20	0.87	636.57	92.14	13.40	1.69	844.00	223.94
26	24.70	18.15	15.40	1.80	0.67	636.80	90.97	5.60	1.75	1050.00	220.26
27	22.70	18.16	16.10	1.80	0.88	636.08	91.10	25.60	1.64	638.00	203.67
28	22.70	18.08	14.30	2.20	0.97	635.60	88.19	27.20	2.73	967.00	342.84
29	22.80	18.63	15.90	2.20	1.11	634.58	88.99	8.00	2.05	904.00	262.94
30	24.00	18.96	16.20	0.90	0.51	634.10	88.19	1.20	1.93	545.00	243.93
31	23.40	18.33	15.80	1.80	0.84	634.43	91.51	3.20	1.65	974.00	211.49
TOTAL								381.60	69.13		
PROM	23.77	18.51	15.41	1.83	0.81	635.69	88.54			898.97	283.86

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Agosto de 2008
Registros: 31 de 31

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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	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
2	0	1	0	4	3	0	2	0	5	19.20	4.00	16.67	230.00	18.40	4.60	19.20
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0	0	1	1	0	2	0	0	2	3.60	2.00	8.33	140.00	3.40	1.36	3.60
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	0	1	1	1	0	0	2	58.60	2.17	9.03	130.00	58.40	25.03	62.40
7	0	1	0	1	0	0	2	0	2	2.00	0.67	2.78	20.00	1.20	2.40	7.20
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	1	0	0	0	1	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
10	0	1	2	2	1	0	3	1	5	10.80	2.50	10.42	100.00	9.00	4.91	14.40
11	0	1	5	2	3	1	3	1	8	18.80	6.67	27.78	190.00	11.20	3.36	13.20
12	0	1	0	0	0	0	1	0	1	4.40	0.67	2.78	60.00	4.40	3.77	19.20
13	0	1	0	1	0	0	1	1	2	5.20	0.83	3.47	50.00	5.00	5.00	19.20
14	0	0	2	2	2	0	2	0	4	2.20	1.33	5.56	40.00	1.00	1.20	2.40
15	0	1	2	3	2	1	1	2	6	5.00	1.83	7.64	50.00	2.60	2.60	9.60
16	1	1	0	0	1	0	0	1	2	24.60	3.67	15.28	190.00	18.20	5.46	16.80
17	0	1	4	4	5	2	1	1	9	9.80	5.17	21.53	80.00	3.40	2.27	7.20
18	0	0	2	2	1	2	0	1	4	3.00	1.67	6.94	100.00	2.40	1.31	3.60
19	0	0	4	4	4	2	2	0	8	6.20	3.00	12.50	80.00	2.80	1.87	4.80
20	0	0	2	0	0	0	2	0	2	2.40	1.17	4.86	70.00	2.00	1.50	3.60
21	0	1	0	2	1	1	0	1	3	3.00	0.83	3.47	40.00	2.60	3.12	7.20
22	1	2	1	5	3	0	4	2	9	64.00	8.83	36.81	230.00	41.20	10.30	30.00
23	1	0	1	3	2	1	2	0	5	24.60	3.17	13.19	80.00	21.20	14.13	45.60
24	1	0	1	2	1	0	1	2	4	29.40	2.67	11.11	110.00	27.60	13.80	79.20
25	0	1	1	4	1	1	4	0	6	13.40	4.33	18.06	120.00	8.80	4.06	10.80
26	0	1	0	2	1	0	2	0	3	5.60	1.17	4.86	50.00	5.00	5.00	20.40
27	2	1	0	0	0	0	2	1	3	25.60	2.67	11.11	90.00	14.00	8.40	48.00
28	1	0	0	0	1	0	0	0	1	27.20	3.50	14.58	210.00	27.20	7.42	24.00
29	0	1	0	4	2	0	0	3	5	8.00	2.17	9.03	80.00	6.80	4.53	13.20
30	0	0	1	2	2	1	0	0	3	1.20	0.67	2.78	40.00	0.60	0.72	2.40
31	0	0	2	1	0	1	2	0	3	3.20	2.00	8.33	70.00	1.80	1.35	3.60
MAX	2	2	5	5	5	2	4	3	9	64.00	8.83	36.81	230.00	58.40	25.03	79.20
TOTAL	8	16	31	54	37	16	38	18	109	381.60	69.83	9.39				

Cuadro 1: Análisis mensual de lluvias

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

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 precipitación 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