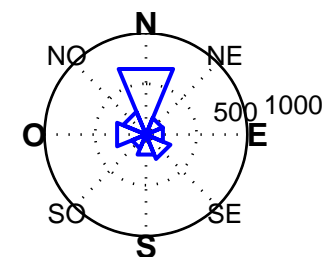
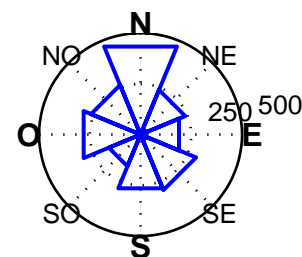
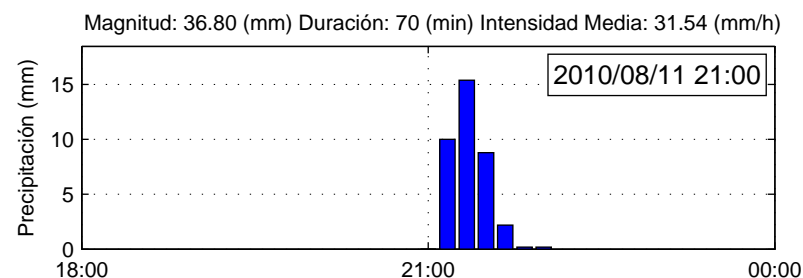
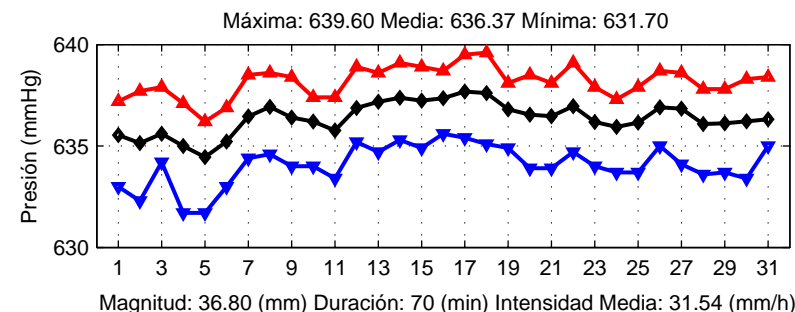
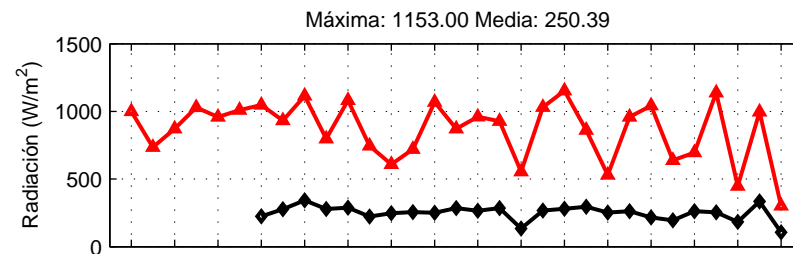
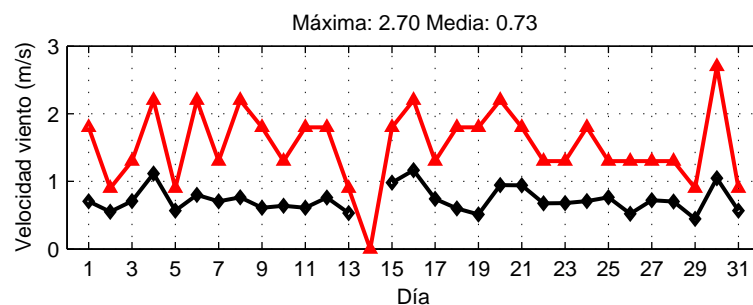
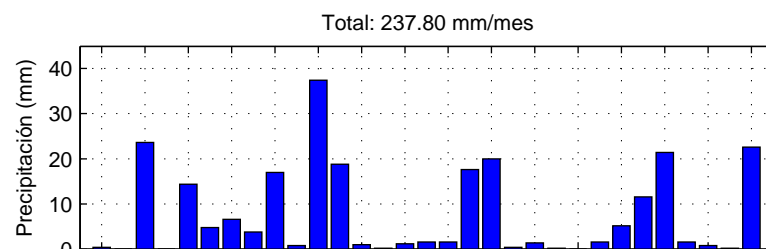
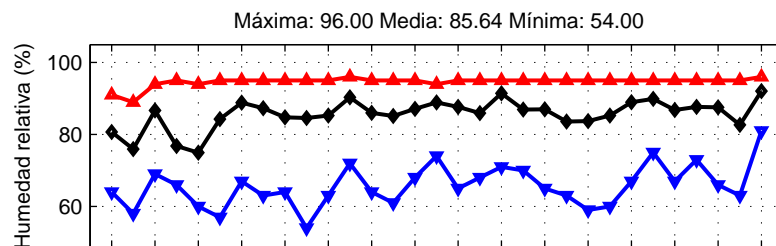
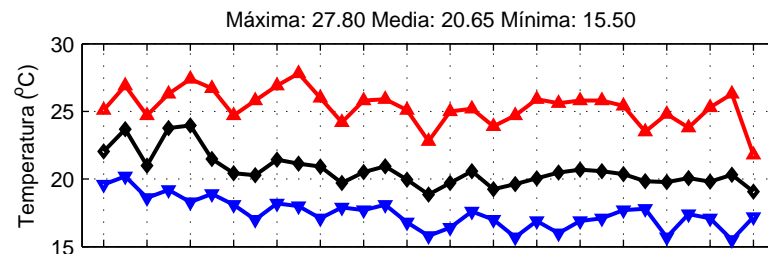


Estación: Acuaseo
Fecha: Agosto de 2010
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Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Día	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	25.10	22.04	19.60	1.80	0.70	635.54	80.69	0.40	2.10	1000.00	
2	26.90	23.68	20.20	0.90	0.55	635.14	75.91	0.00	1.74	735.00	
3	24.70	20.98	18.60	1.30	0.71	635.61	86.68	23.60	1.02	871.00	
4	26.30	23.76	19.20	2.20	1.11	635.00	76.79	0.00	3.25	1029.00	
5	27.40	23.96	18.30	0.90	0.57	634.45	74.97	14.40	2.45	958.00	
6	26.70	21.48	18.90	2.20	0.80	635.22	84.30	4.80	1.80	1010.00	
7	24.70	20.44	18.10	1.30	0.70	636.46	88.83	6.60	1.64	1047.00	224.35
8	25.80	20.28	17.00	2.20	0.77	636.93	87.29	3.80	2.27	933.00	276.06
9	26.90	21.43	18.20	1.80	0.61	636.40	84.77	17.00	2.87	1114.00	342.85
10	27.80	21.13	18.00	1.30	0.64	636.20	84.60	0.80	2.23	798.00	278.22
11	26.00	20.93	17.10	1.80	0.61	635.76	85.29	37.40	2.27	1082.00	287.69
12	24.20	19.71	17.90	1.80	0.76	636.87	90.33	18.80	1.71	745.00	223.23
13	25.80	20.51	17.70	0.90	0.53	637.18	85.99	1.00	2.06	608.00	246.74
14	25.90	20.93	18.10	0.00		637.38	85.17	0.20	2.06	720.00	255.88
15	25.10	19.95	16.80	1.80	0.98	637.24	87.10	1.20	2.11	1068.00	250.93
16	22.80	18.85	15.80	2.20	1.17	637.35	88.92	1.60	2.25	871.00	284.27
17	25.00	19.71	16.40	1.30	0.74	637.68	87.67	1.60	2.12	961.00	264.97
18	25.20	20.57	17.60	1.80	0.60	637.60	85.96	17.60	2.23	927.00	285.00
19	23.90	19.25	17.00	1.80	0.51	636.81	91.46	20.00	1.04	554.00	134.16
20	24.70	19.63	15.70	2.20	0.94	636.54	86.92	0.40	2.08	1031.00	267.67
21	25.90	20.05	16.90	1.80	0.94	636.46	86.98	1.40	2.19	1153.00	280.10
22	25.60	20.48	16.00	1.30	0.67	636.96	83.58	0.20	2.40	861.00	295.58
23	25.80	20.70	16.90	1.30	0.68	636.18	83.71	0.00	2.15	530.00	252.40
24	25.80	20.58	17.10	1.80	0.71	635.94	85.29	1.60	2.17	959.00	261.29
25	25.40	20.36	17.70	1.30	0.76	636.15	88.95	5.20	1.75	1042.00	215.48
26	23.50	19.85	17.80	1.30	0.52	636.90	89.90	11.60	1.44	639.00	194.80
27	24.80	19.77	15.70	1.30	0.72	636.83	86.78	21.40	2.11	695.00	262.14
28	23.80	20.06	17.40	1.30	0.70	636.08	87.69	1.60	2.03	1137.00	253.31
29	25.30	19.80	17.10	0.90	0.45	636.11	87.53	0.80	1.47	448.00	182.56
30	26.30	20.32	15.50	2.70	1.05	636.22	82.69	0.20	2.67	996.00	334.13
31	21.80	19.07	17.20	0.90	0.57	636.32	92.07	22.60	0.84	302.00	105.83
TOTAL								237.80	62.52		
PROM	25.32	20.65	17.47	1.53	0.73	636.37	85.64			865.29	250.39

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Agosto de 2010
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	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1	0	0	3	0	0	4	0	4	23.60	3.00	12.50	160.00	23.00	8.12	54.00
4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	1	0	0	1	0	0	2	0	2	14.40	1.67	6.94	100.00	14.20	7.75	30.00
6	0	1	1	1	0	0	2	1	3	4.80	1.50	6.25	60.00	3.20	2.74	8.40
7	0	0	2	7	1	4	0	4	9	6.60	3.33	13.89	100.00	3.60	1.96	8.40
8	0	0	2	4	0	1	3	2	6	3.80	2.00	8.33	60.00	2.00	1.71	3.60
9	1	0	0	2	1	1	0	1	3	17.00	2.50	10.42	90.00	15.60	9.36	39.60
10	0	0	1	1	2	0	0	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
11	1	0	0	2	1	0	1	1	3	37.40	1.50	6.25	70.00	36.80	27.60	92.40
12	0	2	0	2	1	0	2	1	4	18.80	3.33	13.89	140.00	14.40	5.76	19.20
13	0	0	1	1	0	0	0	2	2	1.00	0.50	2.08	30.00	0.80	1.20	3.60
14	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
15	0	0	1	1	0	0	2	0	2	1.20	0.83	3.47	40.00	0.80	0.96	2.40
16	0	0	1	0	0	0	1	0	1	1.60	1.00	4.17	80.00	1.60	1.07	2.40
17	0	0	1	0	0	0	1	0	1	1.60	0.67	2.78	50.00	1.60	1.60	3.60
18	0	1	0	0	1	0	0	0	1	17.60	4.00	16.67	260.00	17.60	3.91	20.40
19	0	2	1	0	1	0	2	0	3	20.00	3.67	15.28	150.00	15.20	5.70	24.00
20	0	0	0	2	0	0	1	1	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
21	0	0	1	1	0	0	2	0	2	1.40	0.83	3.47	40.00	0.80	0.96	2.40
22	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	2	0	0	1	1	0	2	1.60	0.67	2.78	50.00	1.20	1.20	3.60
25	0	0	2	4	3	0	3	0	6	5.20	2.50	10.42	90.00	2.80	1.68	4.80
26	0	1	2	2	2	1	1	1	5	11.60	4.00	16.67	150.00	6.60	2.48	13.20
27	1	0	2	1	1	0	1	2	4	21.40	3.33	13.89	50.00	14.80	14.80	33.60
28	0	0	1	1	1	0	1	0	2	1.60	1.00	4.17	70.00	1.40	1.05	2.40
29	0	0	0	3	0	2	1	0	3	0.80	0.67	2.78	40.00	0.40	0.48	1.20
30	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
31	0	1	1	2	0	1	1	2	4	22.60	8.33	34.72	380.00	12.20	1.88	6.00
MAX	1	2	2	7	3	4	4	4	9	37.40	8.33	34.72	380.00	36.80	27.60	92.40
TOTAL	5	8	22	46	15	14	34	18	81	237.80	52.50	7.06				

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