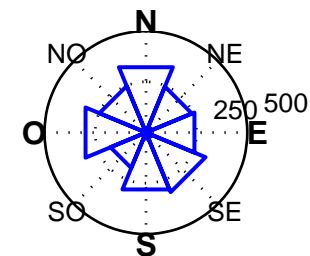
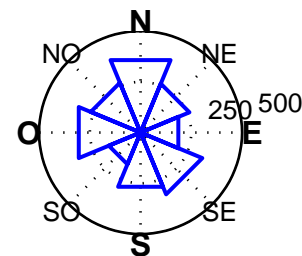
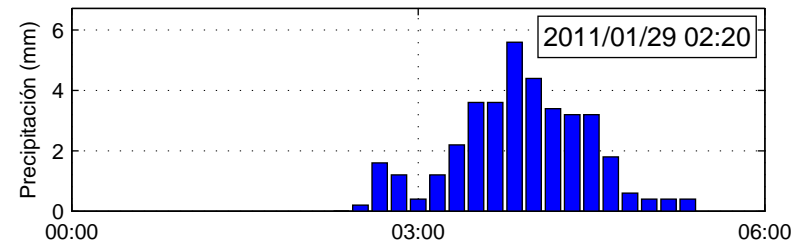
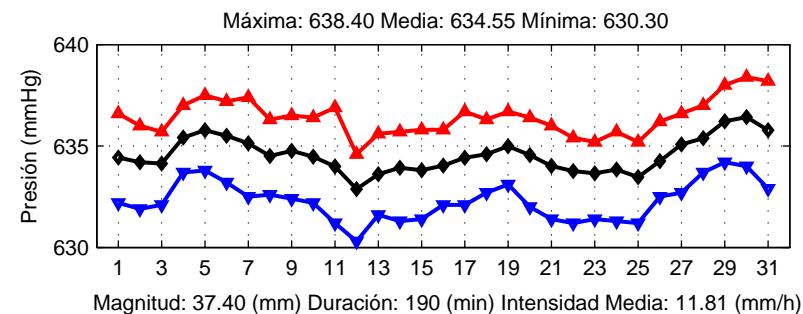
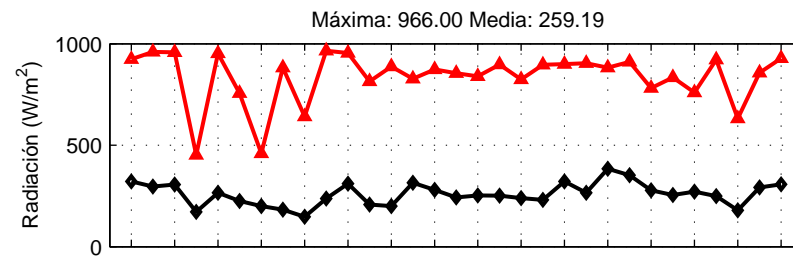
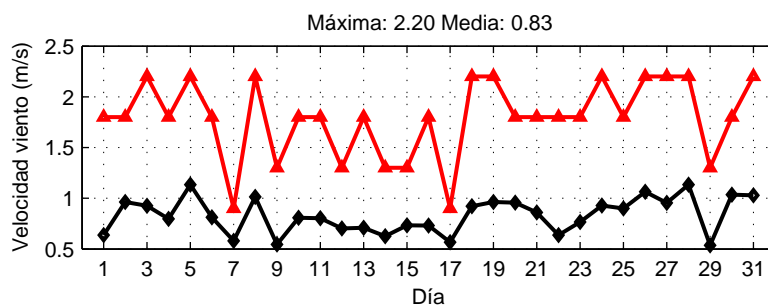
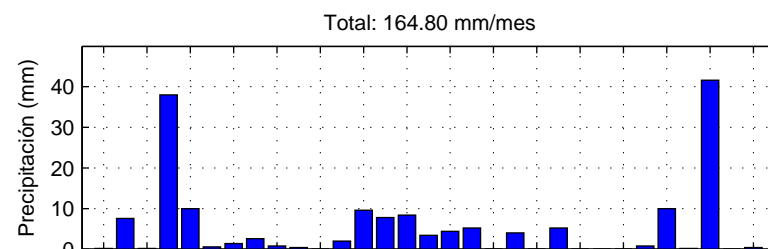
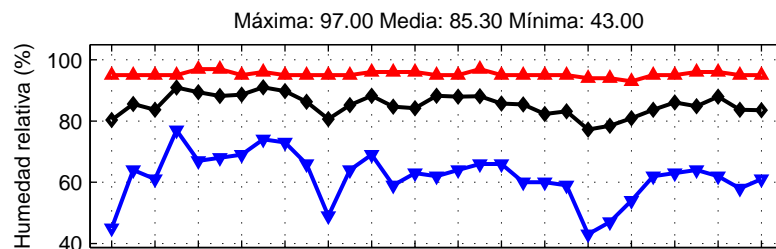
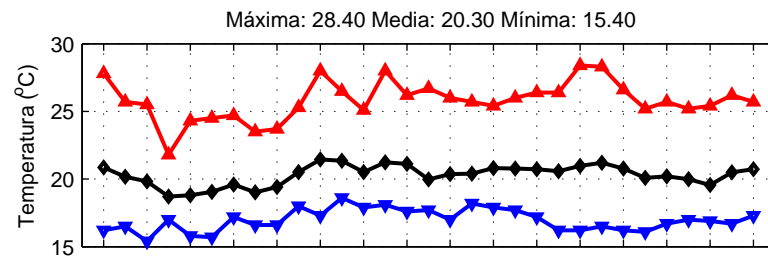


**Estación: Acuaseo**  
**Fecha: Enero de 2011**  
**Registros: 31 de 31**

Reporte climatológico mensual  
Red Hidroclimatológica del Departamento de Risaralda  
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.  
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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.80	20.85	16.20	1.80	0.64	634.43	80.38	0.20	2.56	924.00	321.96
2	25.70	20.16	16.50	1.80	0.96	634.20	85.56	7.60	2.21	960.00	296.68
3	25.50	19.82	15.40	2.20	0.92	634.13	83.67	0.20	2.37	958.00	305.75
4	21.80	18.71	17.00	1.80	0.80	635.42	90.92	38.00	1.22	452.00	171.06
5	24.30	18.81	15.80	2.20	1.13	635.78	89.44	10.00	2.05	952.00	265.89
6	24.50	19.05	15.70	1.80	0.81	635.50	88.21	0.60	1.73	756.00	224.99
7	24.70	19.59	17.20	0.90	0.58	635.13	88.65	1.40	1.50	460.00	199.90
8	23.50	19.02	16.60	2.20	1.01	634.50	91.01	2.60	1.35	882.00	181.90
9	23.70	19.40	16.60	1.30	0.55	634.76	89.81	0.80	1.13	641.00	146.85
10	25.30	20.51	18.00	1.80	0.81	634.47	86.29	0.40	1.94	966.00	237.30
11	28.00	21.45	17.30	1.80	0.80	633.99	80.65	0.00	2.56	955.00	309.97
12	26.50	21.35	18.60	1.30	0.70	632.88	85.20	2.00	1.61	814.00	207.54
13	25.10	20.52	17.90	1.80	0.71	633.61	88.26	9.60	1.55	888.00	200.08
14	28.00	21.24	18.10	1.30	0.62	633.93	84.70	7.80	2.53	827.00	314.38
15	26.20	21.12	17.60	1.30	0.73	633.81	84.22	8.40	2.18	873.00	279.31
16	26.70	19.97	17.70	1.80	0.73	634.04	88.28	3.40	1.78	855.00	242.52
17	26.00	20.36	17.00	0.90	0.57	634.42	87.95	4.40	1.91	839.00	252.16
18	25.70	20.39	18.20	2.20	0.92	634.59	88.09	5.20	2.00	898.00	251.80
19	25.40	20.80	17.90	2.20	0.96	634.99	85.72	0.00	1.86	824.00	239.25
20	26.00	20.78	17.70	1.80	0.96	634.55	85.47	4.00	1.84	896.00	230.89
21	26.40	20.73	17.20	1.80	0.86	634.02	82.33	0.00	2.47	900.00	321.58
22	26.40	20.58	16.20	1.80	0.64	633.76	83.19	5.20	2.14	904.00	266.11
23	28.40	20.97	16.20	1.80	0.77	633.66	77.22	0.00	3.06	882.00	383.96
24	28.30	21.20	16.50	2.20	0.93	633.83	78.46	0.00	2.88	911.00	352.66
25	26.60	20.77	16.20	1.80	0.90	633.47	80.94	0.00	2.28	781.00	277.24
26	25.20	20.09	16.10	2.20	1.06	634.26	83.66	0.80	2.05	834.00	254.62
27	25.70	20.20	16.70	2.20	0.95	635.08	86.05	10.00	2.04	760.00	271.48
28	25.20	19.98	17.00	2.20	1.13	635.38	84.83	0.20	1.94	922.00	248.66
29	25.40	19.56	16.90	1.30	0.54	636.21	87.95	41.60	1.43	631.00	179.48
30	26.20	20.49	16.70	1.80	1.04	636.42	83.67	0.00	2.30	857.00	291.53
31	25.70	20.73	17.30	2.20	1.03	635.78	83.51	0.40	2.37	928.00	307.48
TOTAL								164.80	62.84		
PROM	25.80	20.30	16.97	1.79	0.83	634.55	85.30			836.45	259.19

Cuadro 1: Resumen de análisis climatológico

**Estación: Acuaseo**  
**Fecha: Enero de 2011**  
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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	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
2	1	0	0	1	2	0	0	0	2	7.60	0.67	2.78	40.00	7.40	8.88	21.60
3	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
4	0	2	0	5	3	0	1	3	7	38.00	8.17	34.03	260.00	21.20	4.71	22.80
5	0	0	4	3	4	0	2	1	7	10.00	5.67	23.61	80.00	3.20	2.13	6.00
6	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
7	0	0	1	1	1	0	1	0	2	1.40	0.50	2.08	30.00	1.20	1.80	4.80
8	0	0	2	1	1	1	1	0	3	2.60	1.17	4.86	70.00	1.60	1.20	4.80
9	0	0	0	3	1	0	2	0	3	0.80	0.67	2.78	30.00	0.40	0.60	1.20
10	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
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	2.00	0.67	2.78	70.00	2.00	1.50	6.00
13	0	2	1	0	2	0	1	0	3	9.60	1.67	6.94	70.00	5.40	4.05	10.80
14	0	2	0	0	1	0	1	0	2	7.80	1.50	6.25	80.00	5.00	3.33	10.80
15	0	1	0	0	0	0	0	1	1	8.40	1.00	4.17	70.00	8.40	6.30	18.00
16	0	1	0	1	0	0	2	0	2	3.40	0.83	3.47	40.00	3.00	3.60	10.80
17	1	0	0	2	0	1	2	0	3	4.40	0.67	2.78	30.00	4.00	6.00	15.60
18	0	1	0	0	0	0	1	0	1	5.20	0.67	2.78	50.00	5.20	5.20	14.40
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	1	0	2	0	2	1	0	3	4.00	0.83	3.47	40.00	3.60	4.32	12.00
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	1	0	0	1	0	0	0	1	5.20	0.83	3.47	70.00	5.20	3.90	14.40
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	1	0	0	0	0	1	1	0.80	0.17	0.69	20.00	0.80	1.60	4.80
27	1	1	1	2	3	1	0	1	5	10.00	1.83	7.64	30.00	6.40	9.60	33.60
28	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
29	1	1	0	1	1	2	0	0	3	41.60	4.00	16.67	190.00	37.40	11.22	33.60
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
MAX	1	2	4	5	4	2	2	3	7	41.60	8.17	34.03	260.00	37.40	11.22	33.60
TOTAL	4	13	11	31	23	8	18	10	59	164.80	33.17	4.46				

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