

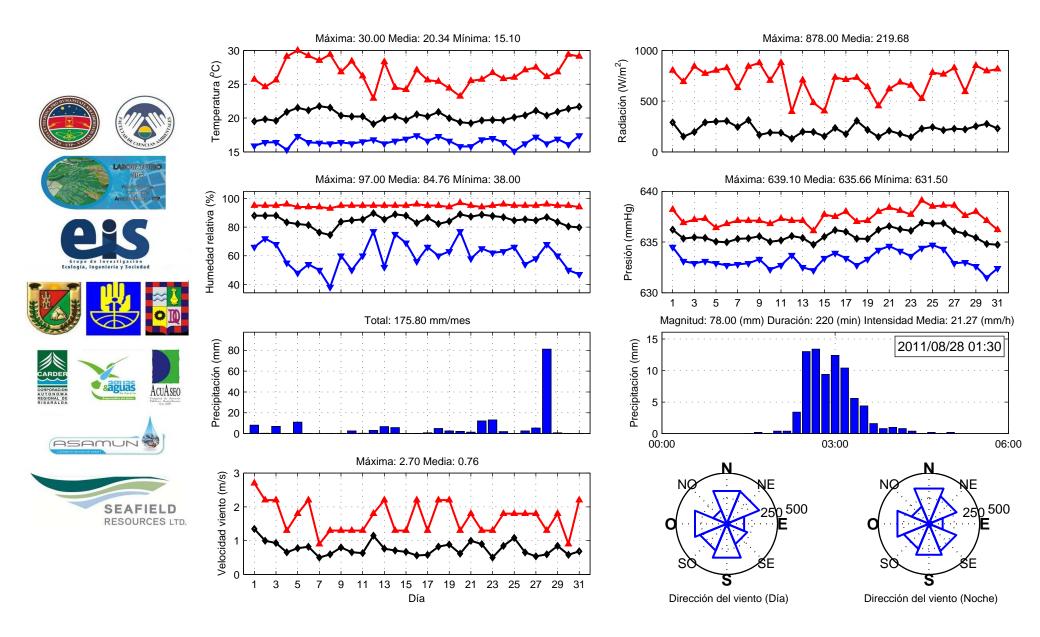
Estación: Acuaseo Fecha: Agosto de 2011 Registros: 31 de 31 Reporte climatológico mensual

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.

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	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	25.70	19.50	15.90	2.70	1.35	636.21	88.01	8.20	2.21	802.00	289.51
2	24.60	19.81	16.40	2.20	1.00	635.34	87.97	0.40	1.23	691.00	150.34
3	25.60	19.60	16.40	2.20	0.93	635.46	88.05	7.00	1.55	842.00	195.66
4	29.10	20.88	15.30	1.30	0.65	635.41	83.29	0.00	2.34	772.00	289.27
5	30.00	21.51	17.30	1.80	0.78	635.04	82.16	11.00	2.60	802.00	298.09
6	29.20	21.14	16.40	2.20	0.82	634.98	81.36	0.20	2.43	828.00	304.41
7	28.50	21.75	16.30	0.90	0.50	635.30	76.25	0.00	2.19	631.00	244.28
8	29.40	21.53	16.20	1.30	0.60	635.36	74.50	0.00	2.68	842.00	313.25
9	26.80	20.37	16.40	1.30	0.80	635.56	83.72	0.00	1.39	877.00	167.31
10	28.40	20.22	16.20	1.30	0.66	635.02	84.74	2.60	1.67	703.00	189.92
11	26.20	20.23	16.50	1.30	0.63	635.17	85.34	0.40	1.52	878.00	187.63
12	22.90	19.11	16.80	1.80	1.15	635.59	89.69	3.20	0.95	396.00	129.94
13	28.30	19.89	16.20	2.20	0.76	635.40	85.31	6.80	1.63	707.00	197.74
14	24.50	20.22	16.60	1.30	0.71	634.74	88.91	5.80	1.60	484.00	195.60
15	24.20	19.70	16.90	1.30	0.67	635.52	88.01	0.20	1.27	401.00	152.88
16	27.10	20.55	17.40	2.20	0.56	636.18	82.83	0.20	1.89	733.00	235.21
17	25.60	20.23	16.60	1.30	0.58	636.01	86.40	0.80	1.42	711.00	174.94
18	25.40	20.89	17.30	2.20	0.82	635.33	82.21	5.00	2.53	732.00	306.60
19	24.40	19.97	16.60	2.20	0.88	635.30	84.02	2.60	1.83	640.00	216.56
20	23.20	19.37	15.80	1.30	0.62	636.20	88.93	2.20	1.18	452.00	147.75
21	25.50	19.24	15.80	1.80	1.00	636.57	87.29	1.40	1.61	621.00	207.42
22	25.70	19.63	16.80	1.30	0.90	636.26	88.66	12.20	1.45	686.00	176.86
23	26.70	19.71	17.00	1.30	0.50	636.11	87.72	13.20	1.18	654.00	145.09
24	25.80	19.67	16.40	1.80	0.85	636.90	86.93	2.00	1.76	524.00	228.80
25	26.00	20.10	15.10	1.80	1.08	636.81	84.64	0.20	1.98	781.00	244.04
26	27.10	20.40	16.20	1.80	0.65	636.85	85.43	2.60	1.72	764.00	213.05
27	27.50	21.09	17.20	1.80	0.54	636.09	84.62	5.40	1.88	827.00	228.03
28	26.10	20.37	16.20	1.30	0.60	635.81	86.92	81.20	1.76	592.00	220.94
29	26.80	20.93	16.90	1.80	0.85	635.43	83.56	0.80	2.15	849.00	252.07
30	29.40	21.36	16.10	0.90	0.58	634.81	80.43	0.20	2.24	797.00	275.92
31	29.10	21.68	17.40	2.20	0.68	634.72	79.77	0.00	2.07	815.00	230.99
TOTAL								175.80	55.91		
PROM	26.61	20.34	16.47	1.68	0.76	635.66	84.76			704.32	219.68

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CLL	PT)P	DM	MM	IMM	IM5	
Dia	F	M	L	LL	Md	Mñ	T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	1	0	1	0	1	1	0	2	8.20	1.50	6.25	90.00	8.00	4.80	13.20
2	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
3	1	0	0	0	0	0	1	0	1	7.00	0.50	2.08	40.00	7.00	8.40	26.40
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	1	1	0	2	0	1	0	3	11.00	1.33	5.56	40.00	7.80	9.36	36.00
6	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	1	0	1	1	0	2	2.60	0.83	3.47	50.00	2.40	2.40	7.20
11	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
12	0	1	1	1	0	2	1	0	3	3.20	1.00	4.17	50.00	2.20	2.20	7.20
13	0	1	0	0	0	0	1	0	1	6.80	1.00	4.17	70.00	6.80	5.10	18.00
14	0	1	0	3	0	1	2	1	4	5.80	1.33	5.56	40.00	4.80	5.76	22.80
15	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
17	0	0	1	1	0	1	1	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
18	0	1	1	1	2	0	1	0	3	5.00	1.00	4.17	30.00	3.60	5.40	19.20
19	0	1	0	1	1	1	0	0	2	2.60	0.83	3.47	50.00	2.40	2.40	7.20
20	0	0	0	8	0	1	2	5	8	2.20	1.83	7.64	60.00	0.60	0.51	1.20
21	0	0	0	3	1	0	2	0	3	1.40	1.00	4.17	60.00	1.00	0.86	2.40
22	1	0	0	1	0	0	2	0	2	12.20	1.50	6.25	90.00	12.00	7.20	32.40
23	0	1	2	2	0	1	2	2	5	13.20	3.17	13.19	140.00	11.60	4.64	20.40
24	0	0	0	7	0	5	0	2	7	2.00	1.67	6.94	60.00	0.60	0.51	1.20
25	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
26	0	0	1	3	1	0	3	0	4	2.60	1.33	5.56	70.00	2.00	1.50	4.80
27	1	0	1	2	0	1	1	1	4	5.40	1.33	5.56	20.00	3.60	7.20	21.60
28	1	1	0	3	3	1	1	0	5	81.20	4.00	16.67	220.00	78.00	20.35	80.40
29	0	0	1	0	0	0	1	0	1	0.80	0.17	0.69	20.00	0.80	1.60	4.80
30	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	1	2	8	3	5	3	5	8	81.20	4.00	16.67	220.00	78.00	20.35	80.40
TOTAL	5	10	9	47	12	18	29	11	71	175.80	27.33	3.67				

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

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