

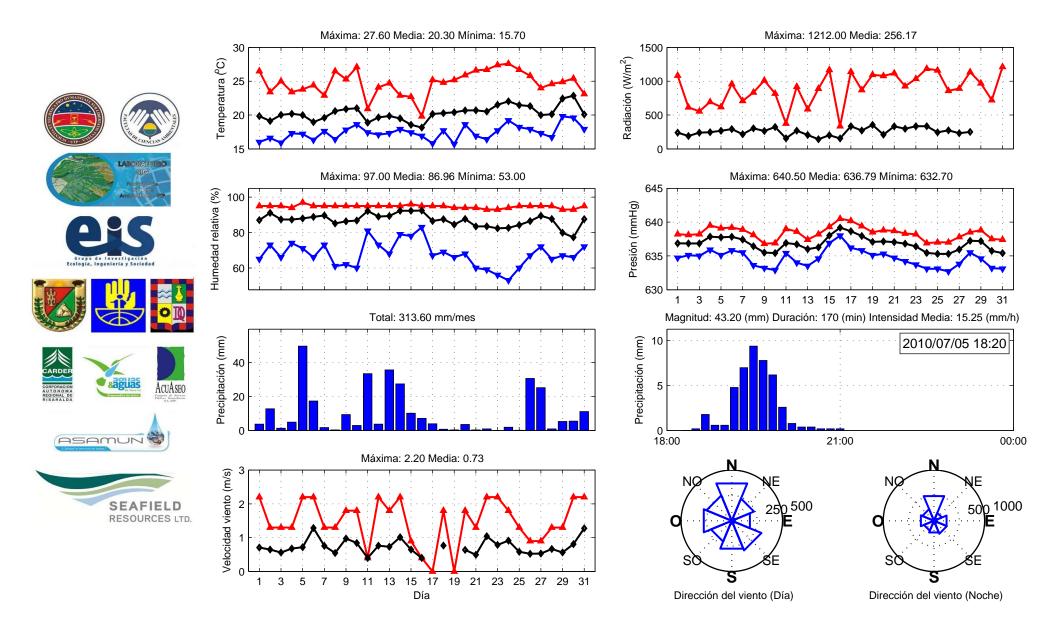
Estación: Acuaseo Fecha: Julio de 2010 Registros: 31 de 31 Reporte climatológico mensual

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	Radiació		
Día	(°C)			(m/s)		(mmHg)	(%)	(mm) (mm)		(W/m^2)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	26.50	19.83	16.00	2.20	0.71	636.86	87.05	3.80	1.93	1084.00	239.86
2	23.40	19.11	16.60	1.30	0.65	636.85	91.09	12.80	1.46	613.00	189.95
3	25.00	20.02	15.90	1.30	0.56	636.84	87.38	1.40	1.91	555.00	238.73
4	23.40	20.19	17.30	1.30	0.68	637.84	87.35	5.00	2.02	694.00	246.01
5	23.80	19.98	17.20	2.20	0.72	637.75	87.98	49.60	2.05	619.00	267.11
6	24.40	18.95	16.30	2.20	1.29	637.83	88.85	17.40	2.28	958.00	291.86
7	22.90	19.58	17.60	1.30	0.76	637.42	89.63	1.80	1.68	709.00	216.68
8	26.50	20.58	16.40	1.30	0.55	636.43	85.12	0.40	2.40	833.00	302.79
9	25.30	20.87	17.80	1.80	0.97	635.50	86.33	9.40	2.05	1011.00	263.25
10	27.10	21.01	18.60	1.80	0.84	635.42	86.75	3.00	2.61	818.00	323.46
11	20.90	18.88	17.40	0.40	0.40	636.91	92.19	33.40	1.13	373.00	155.68
12	24.10	19.64	17.10	2.20	0.76	636.71	89.03	3.80	2.10	920.00	268.94
13	24.70	19.85	17.30	1.80	0.73	636.01	89.33	35.60	1.64	586.00	205.04
14	22.90	19.49	17.90	2.20	1.01	636.27	92.31	27.40	1.17	890.00	142.45
15	22.70	18.56	17.40	0.90	0.65	638.01	92.29	10.20	1.48	1168.00	201.47
16	19.80	18.15	16.90	0.40	0.40	639.18	92.43	7.20	1.15	334.00	153.03
17	25.20	20.16	15.80	0.00		638.65	86.54	4.00	2.52	1140.00	334.14
18	24.80	20.29	17.70	1.80	0.77	637.95	87.53	0.80	2.16	870.00	270.82
19	25.20	20.40	15.70	0.00		637.08	84.48	0.40	2.90	1095.00	354.36
20	25.90	20.67	18.60	1.80	0.64	637.15	87.63	3.60	1.78	1079.00	209.74
21	26.60	20.70	16.90	1.30	0.50	637.05	83.43	0.40	2.71	1118.00	333.46
22	26.70	20.52	16.40	2.20	1.04	636.82	83.50	1.00	2.43	925.00	296.29
23	27.40	21.52	17.70	2.20	0.79	636.40	82.35	0.00	2.89	1036.00	333.68
24	27.60	22.02	19.20	1.80	0.91	635.45	82.60	2.00	2.76	1185.00	334.58
25	26.70	21.46	18.20	1.30	0.58	635.30	84.26	0.20	2.05	1161.00	244.19
26	25.80	21.32	17.90	0.90	0.52	635.29	86.47	30.60	2.08	859.00	272.89
27	24.00	19.99	17.30	0.90	0.53	635.95	89.49	25.20	1.84	892.00	231.52
28	24.60	20.11	16.70	1.30	0.67	637.23	87.65	1.00	2.01	1136.00	250.65
29	24.90	22.44	19.80	1.30	0.56	637.18	79.88	5.40	1.71	968.00	
30	25.40	22.85	19.60	2.20	0.81	635.74	77.32	5.60	2.34	721.00	
31	23.10	20.09	17.90	2.20	1.27	635.42	87.56	11.20	0.90	1212.00	
TOTAL								313.60	62.14		
PROM	24.75	20.30	17.39	1.48	0.73	636.79	86.96			889.10	256.17

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CLL	PT	DP		DM	MM	IMM	IM5		
Dia	F	M	sidad L	LL	Md	Mñ	T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	1	4	0	1	2	2	5	3.80	2.33	9.72	60.00	2.00	1.71	4.80
2	0	2	0	0	0	0	2	0	2	12.80	2.33	9.72	100.00	8.40	4.58	10.80
3	0	0	1	3	0	0	4	0	4	1.40	1.00	4.17	30.00	0.60	0.90	2.40
4	0	1	1	1	1	0	1	1	3	5.00	1.33	5.56	30.00	2.80	4.20	13.20
5	2	0	2	4	2	0	2	4	8	49.60	5.17	21.53	170.00	43.20	14.40	56.40
6	0	1	1	2	2	0	1	1	4	17.40	6.00	25.00	160.00	12.40	4.38	22.80
7	0	0	1	2	2	0	1	0	3	1.80	1.00	4.17	60.00	1.40	1.20	2.40
8	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
9	1	0	0	3	2	1	0	1	4	9.40	1.33	5.56	60.00	8.80	7.54	25.20
10	0	0	3	4	2	1	3	1	7	3.00	1.67	6.94	40.00	1.00	1.20	4.80
11	0	2	1	3	2	1	2	1	6	33.40	8.33	34.72	290.00	21.20	4.24	12.00
12	0	1	0	2	0	0	1	2	3	3.80	1.00	4.17	40.00	3.20	3.84	12.00
13	1	0	1	1	2	0	1	0	3	35.60	3.50	14.58	200.00	34.20	9.77	54.00
14	1	1	1	4	2	1	1	3	7	27.40	5.00	20.83	210.00	16.40	4.47	15.60
15	0	0	4	4	4	1	3	0	8	10.20	5.83	24.31	200.00	4.40	1.26	3.60
16	0	0	2	2	2	0	2	0	4	7.20	4.83	20.14	240.00	4.40	1.06	2.40
17	0	0	1	6	0	0	3	4	7	4.00	2.50	10.42	70.00	2.00	1.50	3.60
18	0	0	0	3	1	1	1	0	3	0.80	0.67	2.78	30.00	0.40	0.60	1.20
19	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
20	0	1	1	2	1	2	1	0	4	3.60	0.83	3.47	30.00	2.80	4.20	13.20
21	0	0	0	2	0	1	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
22	0	0	1	2	0	2	1	0	3	1.00	0.67	2.78	30.00	0.60	0.90	2.40
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	1	0	0	0	0	0	1	1	2.00	0.50	2.08	40.00	2.00	2.40	6.00
25	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
26	0	1	0	1	1	1	0	0	2	30.60	3.83	15.97	250.00	30.40	7.02	28.80
27	1	0	2	2	1	1	3	0	5	25.20	4.00	16.67	160.00	22.60	7.98	52.80
28	0	0	1	2	0	1	2	0	3	1.00	0.67	2.78	30.00	0.60	0.90	2.40
29	0	1	0	1	0	0	1	1	2	5.40	0.83	3.47	40.00	5.00	6.00	15.60
30	0	1	0	0	0	0	1	0	1	5.60	0.83	3.47	60.00	5.60	4.80	15.60
31	0	1	1	0	0	0	2	0	2	11.20	2.83	11.81	120.00	9.60	4.43	13.20
MAX	2	2	4	6	4	2	4	4	8	49.60	8.33	34.72	290.00	43.20	14.40	56.40
TOTAL	6	14	26	65	27	18	44	22	111	313.60	70.00	9.41				

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