

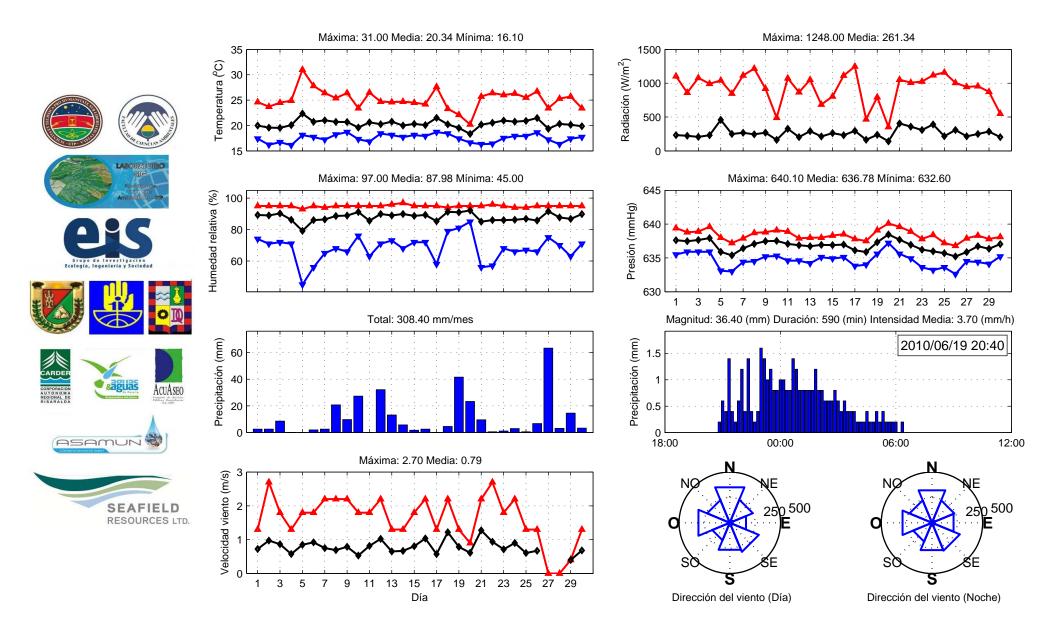
Estación: Acuaseo Fecha: Junio de 2010 Registros: 30 de 30 Reporte climatológico mensual

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/1	n^2)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.60	19.98	17.40	1.30	0.73	637.62	89.28	2.60	1.81	1103.00	233.29
2	23.70	19.57	16.20	2.70	0.97	637.46	89.00	2.60	1.83	860.00	222.67
3	24.50	19.52	16.70	1.80	0.87	637.65	90.26	8.60	1.61	1078.00	205.86
4	24.90	20.06	16.10	1.30	0.58	637.92	86.21	0.20	1.91	992.00	230.99
5	31.00	22.35	18.10	1.80	0.85	635.89	79.21	0.00	3.97	1041.00	458.15
6	27.80	20.74	17.70	1.80	0.92	635.39	86.06	2.00	2.01	847.00	249.27
7	26.40	21.01	17.20	2.20	0.75	636.41	86.44	2.60	2.21	1115.00	267.63
8	25.40	20.72	18.20	2.20	0.69	637.07	88.63	20.80	1.85	1216.00	244.12
9	26.40	20.69	18.70	2.20	0.79	637.47	88.90	9.80	2.19	920.00	268.45
10	23.40	19.59	17.30	1.80	0.53	637.52	91.19	27.40	1.21	489.00	161.81
11	26.50	20.61	16.80	1.80	0.82	637.07	85.60	0.00	2.67	1072.00	326.03
12	24.70	20.24	18.40	2.20	1.02	636.88	89.91	32.20	1.61	866.00	203.03
13	24.60	20.75	18.10	1.30	0.65	636.72	88.98	13.20	2.31	1050.00	292.20
14	24.70	19.99	17.70	1.30	0.67	636.92	89.92	5.80	1.69	685.00	213.49
15	24.50	20.32	18.10	1.80	0.81	636.90	88.72	1.80	2.18	805.00	262.72
16	24.20	20.07	17.90	2.20	1.04	636.97	89.38	2.60	1.78	1113.00	230.96
17	27.60	21.49	18.70	1.30	0.57	636.13	85.31	0.20	2.47	1248.00	294.97
18	23.30	20.23	18.40	2.20	1.22	635.87	91.34	4.60	1.23	466.00	162.97
19	22.10	19.49	17.40	1.30	0.79	637.33	90.96	41.60	1.84	792.00	236.69
20	20.20	18.34	16.60	0.90	0.61	638.46	92.20	23.40	0.99	353.00	140.94
21	25.70	20.17	16.30	2.20	1.28	637.69	85.06	9.60	3.26	1053.00	404.23
22	26.40	20.54	16.40	2.70	0.94	636.94	86.04	0.60	2.90	1008.00	356.76
23	26.00	20.98	17.50	1.80	0.72	636.23	86.00	1.20	2.30	1024.00	308.29
24	26.30	20.75	17.90	2.20	0.90	635.98	86.27	3.00	3.01	1118.00	389.42
25	25.50	20.90	17.90	1.30	0.61	635.69	86.85	0.60	1.71	1159.00	216.40
26	26.70	21.47	18.60	1.30	0.67	635.21	85.74	6.80	2.56	1004.00	308.59
27	23.40	19.35	17.20	0.00		635.86	91.65	63.40	1.69	946.00	214.12
28	25.30	20.30	16.30	0.00		636.72	87.75	3.20	1.95	955.00	248.52
29	25.70	20.13	17.40	0.40	0.40	636.35	86.81	14.60	2.27	873.00	285.30
30	23.40	19.86	17.70	1.30	0.68	637.04	89.85	3.40	1.58	550.00	202.37
TOTAL								308.40	62.60		
PROM	25.16	20.34	17.50	1.62	0.79	636.78	87.98			926.70	261.34

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CLI	PT	D	P P	DM	MM	IMM	IM5		
Dia	F	ınten	sidad L	LL	Md	Jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	1	2	2	0	1	0	3	2.60	1.50	6.25	90.00	2.20	1.32	3.60
2	0	0	2	2	0	0	3	1	4	2.60	1.67	6.94	60.00	1.40	1.20	2.40
3	0	1	2	1	3	0	1	0	4	8.60	3.83	15.97	130.00	5.60	2.40	8.40
4	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	1	3	1	0	3	0	4	2.00	0.83	3.47	40.00	1.40	1.68	7.20
7	0	0	1	4	0	0	2	3	5	2.60	1.33	5.56	40.00	1.60	1.92	7.20
8	1	0	0	2	0	1	1	1	3	20.80	2.00	8.33	110.00	20.20	10.10	54.00
9	0	2	1	3	2	1	1	2	6	9.80	2.67	11.11	70.00	6.40	4.80	21.60
10	2	1	1	0	2	1	1	0	4	27.40	1.50	6.25	50.00	18.00	18.00	44.40
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	2	0	1	1	1	0	1	3	32.20	5.33	22.22	160.00	19.20	6.78	22.80
13	0	3	2	1	1	1	3	1	6	13.20	3.00	12.50	70.00	4.80	3.60	8.40
14	0	1	2	2	1	1	1	2	5	5.80	2.33	9.72	70.00	2.40	1.80	7.20
15	0	0	2	2	1	0	3	0	4	1.80	1.00	4.17	30.00	0.80	1.20	3.60
16	0	0	3	3	1	1	3	1	6	2.60	1.50	6.25	40.00	0.80	0.96	2.40
17	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
18	0	1	2	0	0	2	1	0	3	4.60	1.83	7.64	50.00	2.40	2.40	8.40
19	1	3	0	4	2	2	1	2	8	41.60	7.83	32.64	100.00	15.00	8.18	37.20
20	0	1	0	6	1	5	0	1	7	23.40	7.67	31.94	390.00	21.80	3.27	8.40
21	0	1	0	1	0	0	0	2	2	9.60	2.67	11.11	190.00	9.20	2.76	21.60
22	0	0	0	2	2	0	0	0	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
23	0	0	0	3	0	0	2	1	3	1.20	0.83	3.47	50.00	0.80	0.80	2.40
24	0	0	1	3	1	1	2	0	4	3.00	2.33	9.72	80.00	1.60	1.07	2.40
25	0	0	0	2	0	0	2	0	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
26	0	1	1	4	3	0	0	3	6	6.80	3.50	14.58	170.00	3.20	1.07	2.40
27	3	1	1	3	3	2	3	0	8	63.40	6.83	28.47	130.00	24.20	10.37	48.00
28	0	1	0	2	0	1	2	0	3	3.20	1.17	4.86	50.00	2.60	2.60	8.40
29	0	1	1	4	2	1	3	0	6	14.60	4.33	18.06	80.00	9.80	6.53	30.00
30	0	0	1	3	0	1	3	0	4	3.40	1.67	6.94	80.00	2.60	1.73	6.00
MAX	3	3	3	6	3	5	3	3	8	63.40	7.83	32.64	390.00	24.20	18.00	54.00
TOTAL	7	20	25	65	30	22	43	21	117	308.40	70.50	9.79				

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