

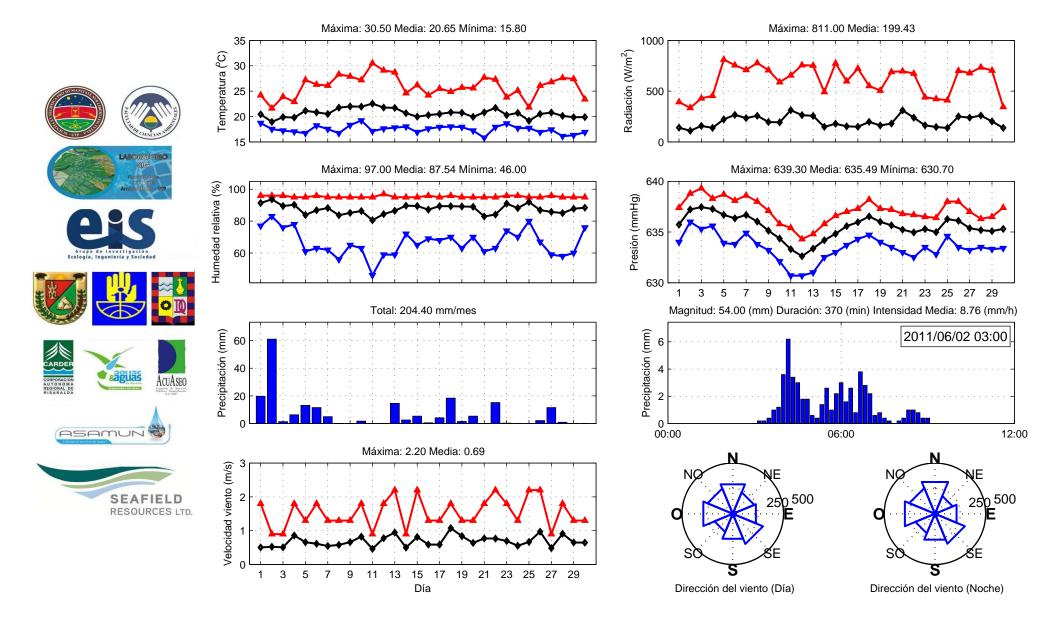
Estación: Acuaseo Fecha: Junio de 2011 Registros: 30 de 30 Reporte climatológico mensual

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			
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.20	20.42	18.70	1.80	0.50	635.74	91.35	19.80	1.06	393.00	139.31
2	21.60	18.93	17.50	0.90	0.53	637.22	93.65	61.00	0.86	335.00	108.76
3	23.90	19.88	17.20	0.90	0.51	637.45	89.51	1.40	1.25	429.00	157.53
4	22.90	19.78	17.00	1.80	0.86	637.27	90.30	6.40	1.09	454.00	137.07
5	27.20	21.12	16.70	1.30	0.66	636.69	83.83	13.20	1.84	811.00	222.15
6	26.30	20.81	18.20	1.80	0.61	636.35	86.88	11.60	2.03	755.00	265.19
7	26.10	20.48	17.50	1.30	0.55	636.68	88.28	5.00	1.84	709.00	234.29
8	28.30	21.73	16.70	1.30	0.58	636.03	83.71	0.20	2.15	777.00	256.38
9	27.90	21.97	18.30	1.30	0.66	635.13	85.15	0.00	1.74	707.00	195.88
10	27.20	21.93	19.20	1.80	0.82	634.35	86.35	1.80	1.64	589.00	191.77
11	30.50	22.51	17.10	0.90	0.46	633.30	80.58	0.20	2.69	655.00	311.77
12	29.10	21.76	17.60	1.80	0.78	632.62	84.39	0.20	2.25	756.00	263.15
13	28.70	21.69	17.80	2.20	0.95	633.36	86.53	14.60	2.15	752.00	255.22
14	24.60	20.63	18.00	0.90	0.50	634.19	89.68	2.60	1.17	491.00	147.84
15	26.20	19.97	16.90	2.20	0.81	634.83	89.49	5.40	1.45	774.00	177.95
16	24.20	20.28	17.60	1.30	0.59	635.58	87.22	0.60	1.27	597.00	153.18
17	25.50	20.48	17.90	1.30	0.59	635.97	89.40	4.20	1.02	722.00	148.14
18	24.90	20.81	18.00	1.80	1.08	636.53	89.38	18.40	1.43	552.00	196.46
19	25.70	20.72	17.90	1.30	0.84	636.01	89.23	1.60	1.18	505.00	161.30
20	25.60	19.91	17.20	1.30	0.64	635.66	88.99	5.40	1.46	689.00	179.66
21	27.70	20.82	15.80	1.80	0.77	635.23	82.96	0.20	2.42	696.00	310.67
22	27.30	21.69	17.90	2.20	0.77	634.95	84.14	15.20	2.06	673.00	237.90
23	23.80	20.28	18.60	1.80	0.70	635.29	90.97	0.40	1.36	440.00	162.99
24	25.10	20.71	17.70	1.30	0.55	634.98	88.16	0.00	1.20	423.00	146.25
25	21.80	19.16	17.70	2.20	0.67	636.27	92.04	0.00	1.07	410.00	136.77
26	26.10	20.49	16.90	2.20	0.97	636.10	86.92	2.20	1.98	700.00	249.92
27	26.80	20.76	17.40	0.90	0.48	635.38	85.81	11.60	1.94	678.00	238.19
28	27.60	20.11	16.10	1.80	0.91	635.18	85.02	1.00	2.03	734.00	258.66
29	27.40	19.86	16.30	1.30	0.65	635.08	87.73	0.20	1.41	704.00	200.71
30	23.40	19.88	16.90	1.30	0.64	635.31	88.44	0.00	0.96	344.00	137.72
TOTAL								204.40	48.00		
PROM	25.92	20.65	17.48	1.53	0.69	635.49	87.54			608.47	199.43

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por				PT	D)P	DM	MM	IMM	IM5		
Día		inten		T T	3.61	jorn		3.7	CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)	, ,			`
1	0	3	2	4	2	2	0	5	9	19.80	4.67	19.44	90.00	6.80	4.08	14.40
2	1	0	2	6	3	1	4	1	9	61.00	10.50	43.75	370.00	54.00	8.53	37.20
3	0	0	0	3	3	0	0	0	3	1.40	1.17	4.86	100.00	1.00	0.55	1.20
4	0	0	1	2	2	0	1	0	3	6.40	2.50	10.42	150.00	6.00	2.25	6.00
5	1	1	0	0	0	0	0	2	2	13.20	1.67	6.94	60.00	9.60	8.23	33.60
6	0	2	0	1	1	1	1	0	3	11.60	2.17	9.03	90.00	9.20	5.52	18.00
7	0	0	4	0	2	1	1	0	4	5.00	2.00	8.33	60.00	2.40	2.06	7.20
8	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	1	0	0	0	1	0	1	1.80	0.67	2.78	50.00	1.80	1.80	4.80
11	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
12	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
13	0	3	0	2	0	1	2	2	5	14.60	2.00	8.33	50.00	6.20	6.20	16.80
14	0	0	2	2	1	2	1	0	4	2.60	1.33	5.56	40.00	1.40	1.68	4.80
15	0	1	0	1	0	1	1	0	2	5.40	1.17	4.86	80.00	5.20	3.47	10.80
16	0	0	1	1	1	0	1	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
17	0	1	0	0	0	0	1	0	1	4.20	0.67	2.78	50.00	4.20	4.20	15.60
18	1	0	0	2	2	0	1	0	3	18.40	2.33	9.72	130.00	18.00	7.71	33.60
19	0	0	2	3	0	1	4	0	5	1.60	1.00	4.17	30.00	0.60	0.90	2.40
20	0	1	1	1	0	1	2	0	3	5.40	1.00	4.17	50.00	4.80	4.80	12.00
21	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	0	1	1	2	0	0	0	4	4	15.20	2.50	10.42	140.00	14.40	5.76	49.20
23	0	0	1	1	2	0	0	0	2	0.40	0.33	1.39	10.00	0.20	0.60	1.20
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	0	6	0	2	4	0	6	2.20	1.83	7.64	90.00	1.00	0.60	1.20
27	0	0	1	8	1	0	1	7	9	11.60	6.67	27.78	350.00	9.80	1.63	3.60
28	0	0	1	4	3	1	1	0	5	1.00	0.83	3.47	10.00	0.20	0.60	1.20
29	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
30	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	3	4	8	3	2	4	7	9	61.00	10.50	43.75	370.00	54.00	8.53	49.20
TOTAL	3	13	20	54	25	17	27	21	90	204.40	48.17	6.69				

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