

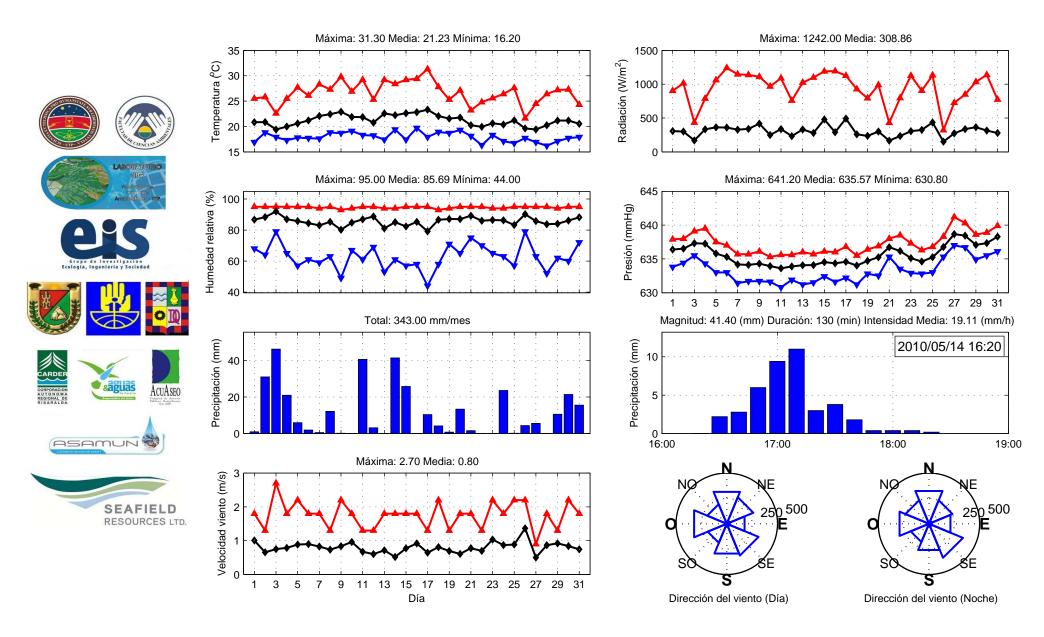
Estación: Acuaseo Fecha: Mayo de 2010 Registros: 31 de 31 Reporte climatológico mensual

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	_			
Día	(°C)			(m/s)		(mmHg)	(%)	(mm)	m) (mm)		$(W/m^2)$	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media	
1	25.50	20.84	16.90	1.80	1.01	636.39	86.72	1.00	2.47	902.00	307.15	
2	25.80	20.85	18.80	1.30	0.65	636.52	88.37	31.00	2.19	1014.00	299.94	
3	22.60	19.39	17.90	2.70	0.75	637.32	92.02	46.20	1.22	433.00	168.73	
4	25.50	19.99	17.30	1.80	0.79	637.25	87.01	21.00	2.65	787.00	333.37	
5	27.70	20.60	17.80	2.20	0.89	635.80	85.76	6.00	2.88	1060.00	361.69	
6	26.10	21.19	17.70	1.80	0.90	635.31	84.42	2.00	2.87	1242.00	359.14	
7	28.30	22.06	17.60	1.80	0.83	634.18	83.08	0.60	2.74	1146.00	328.01	
8	27.30	22.41	18.80	1.30	0.74	634.11	85.24	12.20	2.68	1137.00	339.18	
9	29.80	22.90	18.70	2.20	0.84	634.30	80.20	0.20	3.54	1110.00	416.59	
10	26.90	21.87	19.10	1.80	0.96	633.94	84.75	0.00	2.07	967.00	248.66	
11	29.20	21.84	18.30	1.30	0.67	633.60	86.92	40.60	2.71	1089.00	335.52	
12	25.30	20.74	18.20	1.30	0.60	633.89	88.74	3.20	1.91	758.00	233.05	
13	29.20	22.56	17.40	1.80	0.72	634.07	81.11	0.00	2.82	1025.00	330.71	
14	28.40	22.21	19.40	1.80	0.52	634.08	85.04	41.40	2.48	1098.00	278.46	
15	29.20	22.60	17.40	1.80	0.77	634.53	82.32	25.80	4.01	1190.00	478.72	
16	29.40	22.80	19.70	1.80	0.92	634.35	85.26	0.00	2.50	1193.00	289.74	
17	31.30	23.31	17.90	1.30	0.64	634.58	79.19	10.40	4.16	1127.00	492.19	
18	27.80	22.04	18.90	2.20	0.81	634.01	86.63	4.20	2.09	927.00	258.88	
19	25.30	21.57	18.70	1.30	0.69	634.71	87.13	0.80	1.94	793.00	236.01	
20	27.10	21.75	19.30	1.80	0.61	635.25	87.07	13.40	2.34	989.00	299.65	
21	23.20	20.24	18.10	1.80	0.78	636.73	89.22	1.60	1.28	430.00	165.83	
22	24.80	19.94	16.30	1.30	0.70	636.16	85.99	0.00	1.87	796.00	233.74	
23	25.60	20.61	18.30	2.20	1.03	635.12	86.47	0.00	2.46	1127.00	304.25	
24	26.40	20.37	17.10	1.80	0.87	634.60	86.28	23.60	2.72	905.00	323.70	
25	27.60	21.20	16.70	2.20	0.88	635.25	83.26	0.20	3.59	1133.00	435.12	
26	21.60	19.60	17.70	2.20	1.37	636.76	90.21	4.40	1.17	322.00	150.62	
27	24.50	19.42	16.90	0.90	0.50	638.67	85.77	5.60	2.06	725.00	273.00	
28	26.40	20.24	16.20	1.80	0.87	638.43	83.78	0.00	2.75	849.00	335.51	
29	27.20	21.17	17.10	1.30	0.92	637.08	84.03	10.60	3.01	1035.00	364.19	
30	27.30	21.17	17.70	2.20	0.84	637.33	86.11	21.40	2.68	1138.00	314.99	
31	24.30	20.54	17.90	1.80	0.75	638.29	88.22	15.60	2.21	773.00	278.46	
TOTAL								343.00	78.07			
PROM	26.66	21.23	17.93	1.76	0.80	635.57	85.69			942.58	308.86	

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por				PT	DP		DM	MM	IMM	IM5	
Día		inten			3.5.4	jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		` ′	(h)	(%)	` ′		`	
1	0	0	0	2	1	0	1	0	2	1.00	0.83	3.47	60.00	0.80	0.69	1.20
2	1	1	2	1	2	1	1	1	5	31.00	6.67	27.78	160.00	21.80	7.69	20.40
3	2	2	0	6	2	3	2	3	10	46.20	7.67	31.94	140.00	18.40	7.36	30.00
4	0	1	0	0	1	0	0	0	1	21.00	3.50	14.58	210.00	21.00	5.73	18.00
5	0	0	2	1	0	0	1	2	3	6.00	2.33	9.72	140.00	4.60	1.84	3.60
6	0	0	1	3	3	0	1	0	4	2.00	1.33	5.56	40.00	0.80	0.96	2.40
7	0	0	0	2	0	0	1	1	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
8	1	0	1	0	1	0	1	0	2	12.20	1.17	4.86	70.00	11.80	8.85	43.20
9	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1	2	1	1	1	0	3	1	5	40.60	2.67	11.11	70.00	33.00	24.75	75.60
12	0	1	0	3	1	0	2	1	4	3.20	1.50	6.25	50.00	2.20	2.20	6.00
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	1	0	0	0	0	0	1	0	1	41.40	2.00	8.33	130.00	41.40	17.74	66.00
15	1	0	0	2	2	1	0	0	3	25.80	2.00	8.33	110.00	25.40	12.70	36.00
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1	0	1	1	3	0	0	0	3	10.40	1.17	4.86	50.00	9.40	9.40	38.40
18	0	1	0	1	0	1	1	0	2	4.20	1.33	5.56	70.00	3.80	2.85	9.60
19	0	0	1	1	0	0	2	0	2	0.80	0.50	2.08	20.00	0.40	0.80	2.40
20	0	1	2	6	4	2	2	1	9	13.40	4.00	16.67	90.00	8.80	5.28	21.60
21	0	0	0	5	3	1	1	0	5	1.60	1.33	5.56	60.00	0.80	0.69	1.20
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	0	1	0	1	23.60	1.17	4.86	80.00	23.60	15.73	44.40
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	0	2	5	2	2	3	0	7	4.40	2.50	10.42	60.00	1.80	1.54	3.60
27	0	0	2	1	1	2	0	0	3	5.60	3.83	15.97	150.00	2.80	1.05	2.40
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	1	0	2	0	0	0	1	2	3	10.60	2.00	8.33	50.00	7.00	7.00	32.40
30	1	0	2	0	2	0	1	0	3	21.40	1.33	5.56	50.00	20.20	20.20	69.60
31	0	1	2	4	1	2	2	2	7	15.60	6.00	25.00	190.00	8.80	2.64	9.60
MAX	2	2	2	6	4	3	3	3	10	46.20	7.67	31.94	210.00	41.40	24.75	75.60
TOTAL	11	10	21	47	30	16	29	14	89	343.00	57.67	7.75				

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