

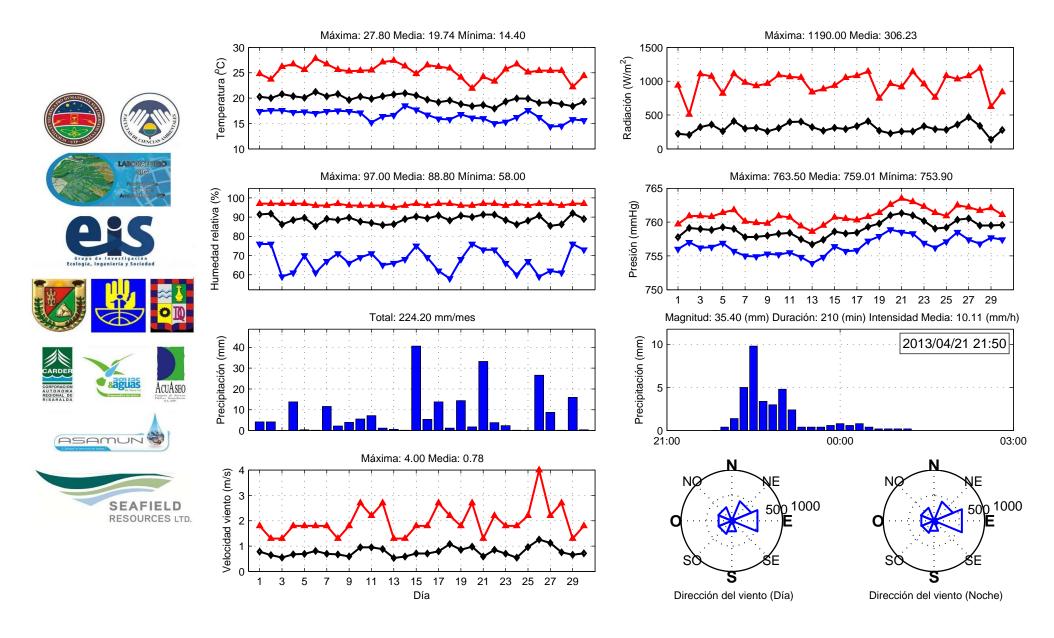
Estación: Acuaseo Fecha: Abril de 2013 Registros: 30 de 30 Reporte climatológico mensual

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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1 1	Temperatura		Vel. Viento		Presión	Humedad	Precipitación	Evap Radiación			
Día	(°C)			(m/s)		(mmHg)	(%)	(mm)	(mm)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.80	20.26	17.40	1.80	0.78	757.76	91.40	4.20	1.66	939.00	221.83
2	23.70	20.00	17.60	1.30	0.65	759.13	91.81	4.20	1.51	508.00	206.53
3	26.20	20.79	17.60	1.30	0.55	758.98	86.18	0.00	2.43	1106.00	321.49
4	26.70	20.37	17.20	1.80	0.68	758.83	88.41	13.80	2.63	1070.00	359.12
5	25.60	20.06	17.30	1.80	0.69	759.24	89.63	0.40	2.10	819.00	260.78
6	27.80	21.23	17.00	1.80	0.81	759.00	85.26	0.20	3.02	1109.00	410.27
7	26.70	20.35	17.40	1.80	0.70	757.78	89.14	11.60	2.28	981.00	299.92
8	25.60	20.82	17.50	1.30	0.67	757.81	88.48	2.20	2.39	930.00	309.86
9	25.30	19.63	17.40	1.80	0.59	758.00	89.76	4.00	1.94	965.00	258.68
10	25.40	20.31	17.10	2.70	0.95	758.27	87.65	5.60	2.37	1090.00	307.20
11	25.50	19.85	15.20	2.20	0.95	758.41	86.94	7.20	3.04	1064.00	397.50
12	27.10	20.37	16.40	2.70	0.88	757.46	85.83	1.20	2.99	1054.00	401.26
13	27.40	20.73	16.60	1.30	0.53	756.70	86.28	0.60	2.43	839.00	320.42
14	26.30	20.97	18.50	1.30	0.59	757.38	88.96	0.20	1.95	885.00	267.60
15	24.80	20.52	17.70	1.80	0.71	758.60	90.28	40.60	2.28	936.00	311.23
16	26.50	19.70	16.70	1.80	0.71	758.30	89.29	5.40	2.27	1053.00	291.00
17	26.20	19.18	15.90	2.70	0.80	758.44	90.81	13.80	1.91	1081.00	336.70
18	25.90	19.55	15.80	2.20	1.08	759.31	88.23	1.20	2.93	1144.00	408.43
19	24.10	18.82	16.80	1.80	0.86	759.78	90.73	14.40	1.65	746.00	269.12
20	21.90	18.39	16.10	2.70	0.98	761.00	89.99	1.80	1.72	964.00	228.10
21	24.20	18.63	16.00	1.30	0.59	761.32	91.33	33.20	1.90	915.00	256.49
22	23.30	17.94	15.00	2.20	0.85	760.98	91.28	3.80	1.89	1139.00	257.62
23	25.70	19.31	15.30	1.80	0.70	760.17	88.46	2.40	2.54	957.00	336.28
24	26.70	19.94	16.20	1.80	0.55	759.04	86.14	0.20	2.22	760.00	290.53
25	25.10	19.90	17.60	2.20	0.96	759.20	88.17	0.00	2.20	1081.00	281.17
26	25.40	19.05	16.20	4.00	1.26	760.35	90.77	26.60	2.63	1031.00	358.31
27	25.40	19.18	14.40	2.20	1.12	760.53	85.42	8.80	3.65	1078.00	467.33
28	25.40	18.82	14.50	2.70	0.75	759.49	86.21	0.20	2.61	1190.00	339.23
29	22.20	18.41	15.80	1.30	0.66	759.51	92.04	16.00	0.94	623.00	134.89
30	24.40	19.28	15.60	1.80	0.72	759.57	89.03	0.40	2.08	840.00	278.12
TOTAL								224.20	68.16		
PROM	25.38	19.74	16.53	1.97	0.78	759.01	88.80			963.23	306.23

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			CLL	PT	DP		DM (min)	MM	IMM (mm/h)	IM5		
	F	M	L	LL	Md	Mñ	T	N		(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	1	0	2	2	0	1	0	3	4.20	1.17	4.86	40.00	3.40	4.08	14.40
2	0	1	0	1	0	0	1	1	2	4.20	0.67	2.78	40.00	4.00	4.80	16.80
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0	2	0	0	1	0	1	0	2	13.80	2.00	8.33	100.00	10.20	5.56	13.20
5	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
6	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	1	0	0	0	0	0	1	0	1	11.60	1.17	4.86	80.00	11.60	7.73	18.00
8	0	0	1	3	2	1	0	1	4	2.20	1.33	5.56	40.00	1.20	1.44	2.40
9	0	1	0	1	0	0	2	0	2	4.00	1.17	4.86	80.00	3.80	2.53	8.40
10	0	1	2	1	0	0	1	3	4	5.60	1.67	6.94	50.00	2.60	2.60	10.80
11	0	1	0	0	1	0	0	0	1	7.20	1.50	6.25	100.00	7.20	3.93	12.00
12	0	0	1	0	0	0	1	0	1	1.20	0.50	2.08	50.00	1.20	1.20	3.60
13	0	0	0	2	0	0	2	0	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
14	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
15	1	1	2	2	4	2	0	0	6	40.60	4.33	18.06	100.00	28.80	15.71	61.20
16	0	1	0	2	1	0	2	0	3	5.40	1.17	4.86	60.00	5.00	4.29	9.60
17	0	1	2	1	0	0	3	1	4	13.80	4.33	18.06	230.00	9.00	2.25	6.00
18	0	0	1	2	1	0	1	1	3	1.20	0.83	3.47	40.00	0.80	0.96	2.40
19	0	1	1	2	0	0	3	1	4	14.40	4.00	16.67	230.00	13.00	3.25	9.60
20	0	0	2	1	1	0	0	2	3	1.80	1.17	4.86	50.00	1.00	1.00	2.40
21	1	0	1	2	2	0	1	1	4	33.20	2.50	10.42	130.00	32.00	13.71	58.80
22	0	1	0	2	2	0	1	0	3	3.80	1.67	6.94	80.00	3.40	2.27	4.80
23	0	1	0	0	0	0	1	0	1	2.40	0.67	2.78	50.00	2.40	2.40	6.00
24	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	3	0	1	1	0	2	2	5	26.60	3.00	12.50	70.00	18.20	13.65	26.40
27	0	1	1	1	1	0	0	2	3	8.80	2.67	11.11	90.00	5.40	3.24	9.60
28	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
29	0	1	1	3	0	1	1	3	5	16.00	3.83	15.97	180.00	13.40	4.23	16.80
30	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
MAX	1	3	2	3	4	2	3	3	6	40.60	4.33	18.06	230.00	32.00	15.71	61.20
TOTAL	4	18	15	37	24	4	27	19	74	224.20	43.17	6.00				

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)