

Estación: Quinchia Seafield

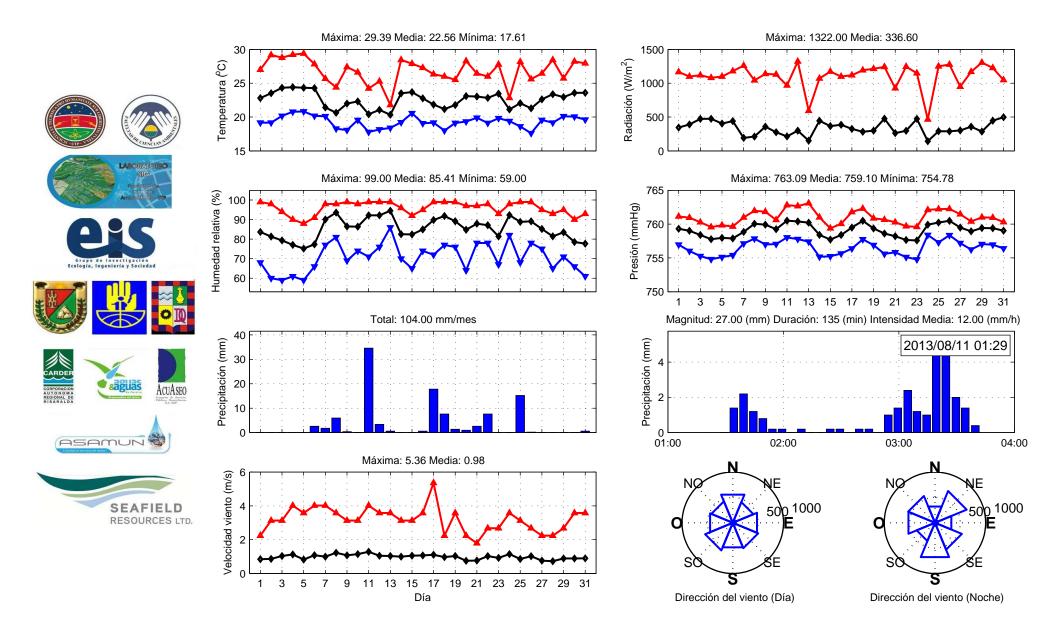
Fecha: Agosto de 2013 Registros: 31 de 31 Reporte climatológico mensual

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		ra	Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m <sup>2</sup> )		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.00	22.80	19.17	2.24	0.85	759.30	83.66	0.00	2.90	1165.00	343.53
2	29.17	23.52	19.17	3.13	0.87	759.01	81.30	0.00	3.15	1099.00	389.97
3	28.78	24.33	20.17	3.13	1.04	758.39	79.33	0.00	3.81	1118.00	472.32
4	29.22	24.41	20.78	4.02	1.13	757.76	77.03	0.00	4.04	1081.00	474.32
5	29.39	24.32	20.83	3.58	0.82	757.95	75.19	0.00	3.40	1099.00	403.97
6	27.83	24.27	20.17	4.02	1.08	757.88	77.32	2.60	3.84	1179.00	438.88
7	25.67	21.42	20.11	4.02	0.99	758.85	90.06	1.80	1.55	1260.00	191.74
8	24.39	20.63	18.28	3.58	1.23	760.04	93.62	6.00	1.50	1042.00	211.10
9	27.39	21.99	18.06	3.13	1.07	759.91	86.48	0.40	2.82	1137.00	357.91
10	26.61	22.30	19.56	3.13	1.15	759.25	86.38	0.00	2.24	1129.00	274.37
11	24.22	20.42	17.78	4.02	1.29	760.50	92.17	34.60	1.68	967.00	213.57
12	25.28	21.05	18.17	3.58	1.05	760.39	92.15	3.40	2.16	1322.00	297.43
13	21.78	20.33	18.39	3.58	1.04	760.20	94.53	0.60	0.86	592.00	149.70
14	28.44	23.50	19.22	3.13	0.99	758.40	82.50	0.00	3.53	1071.00	444.47
15	27.89	23.68	20.56	3.13	1.06	757.72	82.41	0.00	3.18	1172.00	365.97
16	27.28	22.77	19.06	3.58	1.07	758.39	84.98	0.60	3.00	1099.00	384.72
17	26.33	21.84	19.17	5.36	1.11	759.48	89.77	17.80	2.41	1118.00	325.21
18	26.00	21.18	18.00	2.24	0.97	760.50	91.81	7.60	2.34	1192.00	282.31
19	25.50	21.78	19.11	3.58	1.03	759.36	89.18	1.40	2.46	1213.00	298.69
20	28.28	23.09	19.33	2.24	0.75	758.61	84.79	1.00	3.71	1241.00	475.36
21	26.44	23.02	19.89	1.79	0.77	758.21	87.92	2.60	2.08	926.00	262.54
22	26.00	22.83	19.11	2.68	1.03	757.64	87.11	7.60	2.34	1245.00	295.93
23	27.78	23.46	19.83	2.68	0.92	757.58	81.39	0.00	3.71	1148.00	473.05
24	22.83	21.13	19.39	3.58	1.15	759.91	92.28	0.00	1.07	464.00	142.69
25	28.17	22.04	18.61	3.13	0.86	760.23	88.83	15.20	2.62	1250.00	290.23
26	25.61	21.29	17.61	2.68	1.02	760.48	89.11	0.20	2.39	1276.00	287.88
27	26.44	22.61	19.56	2.24	0.76	759.50	85.18	0.00	2.64	949.00	301.10
28	28.44	23.37	19.17	2.24	0.73	758.93	81.41	0.00	3.05	1169.00	356.66
29	25.72	22.94	20.11	2.68	0.89	759.43	83.48	0.00	2.54	1306.00	285.30
30	28.22	23.57	20.06	3.58	0.89	759.40	78.55	0.00	6.91	1227.00	445.80
31	27.94	23.59	19.61	3.58	0.89	759.03	77.67	0.60	4.04	1048.00	497.77
TOTAL								104.00	87.97		
PROM	26.78	22.56	19.29	3.20	0.98	759.10	85.41			1106.58	336.60
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Cuadro 1: Resúmen de análisis climatológico

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Lluvias por		,	Lluvias por					PT DP		ND	DM	MM	IMM	IM5		
Día		inten	sidad			jorn	ada		CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(111111)	(h)	(%)	(111111)	(11111)	(11111/11)	(111111/11)
1	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	0	0	1	1	2.60	0.25	1.04	20.00	2.60	6.24	14.40
7	0	0	2	1	2	0	1	0	3	1.80	0.75	3.13	60.00	1.20	1.11	2.40
8	0	1	8	2	2	3	2	4	11	6.00	2.33	9.72	55.00	1.60	1.60	2.40
9	0	0	2	0	1	1	0	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
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	1	2	1	2	1	0	2	5	34.60	4.08	17.01	135.00	27.00	11.57	57.60
12	0	0	4	1	4	1	0	0	5	3.40	1.17	4.86	35.00	1.40	2.10	4.80
13	0	0	1	1	0	2	0	0	2	0.60	0.25	1.04	25.00	0.40	0.80	2.40
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0	0	2	0	2	0	0	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
17	1	0	3	1	0	0	1	4	5	17.80	2.50	10.42	90.00	14.00	8.84	24.00
18	0	1	3	0	2	0	2	0	4	7.60	1.17	4.86	65.00	6.60	5.66	24.00
19	0	0	4	1	3	1	0	1	5	1.40	0.58	2.43	20.00	0.40	0.96	2.40
20	0	0	2	1	2	0	1	0	3	1.00	0.42	1.74	20.00	0.40	0.96	2.40
21	0	1	0	0	1	0	0	0	1	2.60	0.33	1.39	30.00	2.60	4.46	21.60
22	1	0	0	0	1	0	0	0	1	7.60	0.67	2.78	60.00	7.60	7.02	28.80
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	1	1	0	0	0	1	1	2	15.20	2.08	8.68	115.00	13.80	6.90	40.80
26	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	0	2	0	1	1	0	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
MAX	1	1	8	2	4	3	2	4	11	34.60	4.08	17.01	135.00	27.00	11.57	57.60
TOTAL	4	5	37	9	24	10	8	13	55	104.00	17.17	2.31				

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)