

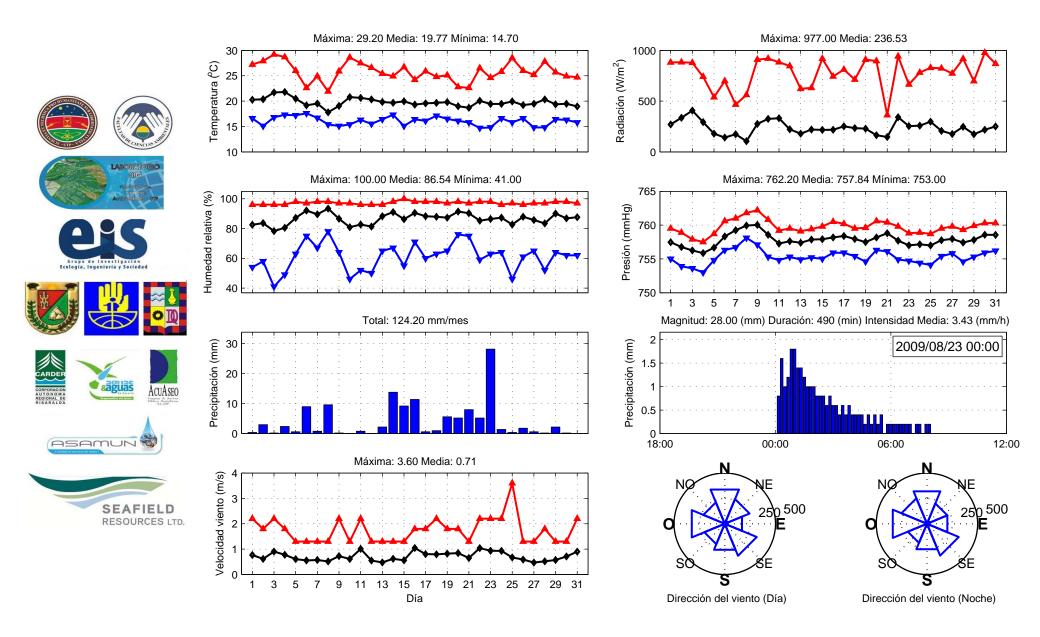
Estación: Acuaseo Fecha: Agosto de 2009 Registros: 31 de 31 Reporte climatológico mensual

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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Día	Temperatura (°C)				Viento n/s)	Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m²)	
Dia	Máx	Media	Mín	Máx Media		Media	Media	Total	Total	Máx	Media
1	27.20	20.25	16.60	2.20	0.77	757.46	82.48	0.40	2.20	881.00	270.40
2	27.90	20.38	15.10	1.80	0.61	756.77	83.65	3.00	2.61	883.00	335.23
3	29.20	21.71	16.80	2.20	0.90	756.25	78.26	0.20	3.46	878.00	406.55
4	28.70	21.80	17.30	1.80	0.78	755.86	80.53	2.40	2.46	741.00	293.44
5	26.00	20.48	17.20	1.30	0.61	756.67	87.16	0.60	1.42	538.00	178.97
6	22.60	19.17	17.60	1.30	0.55	758.31	92.08	9.00	1.02	698.00	140.97
7	24.90	19.52	16.70	1.30	0.57	759.23	89.49	0.80	1.22	466.00	173.18
8	21.90	17.79	15.40	1.30	0.52	759.93	93.42	9.60	0.76	561.00	104.61
9	25.90	19.06	15.10	2.20	0.73	760.03	86.54	0.20	2.17	909.00	275.39
10	28.60	20.78	15.40	1.30	0.61	758.56	80.88	0.00	2.59	920.00	324.76
11	27.50	20.64	16.30	2.20	1.01	757.27	82.65	0.80	2.63	883.00	330.93
12	26.60	20.32	15.50	1.30	0.55	757.61	81.34	0.00	1.88	846.00	222.03
13	25.40	19.82	16.40	1.30	0.48	757.38	88.26	2.20	1.38	622.00	179.24
14	24.90	19.67	17.30	1.30	0.62	757.87	91.03	13.80	1.62	630.00	220.13
15	26.70	19.96	15.10	1.30	0.56	757.91	86.23	9.20	1.72	918.00	216.10
16	24.20	19.30	16.40	1.80	1.04	758.17	90.46	11.40	1.63	743.00	217.30
17	25.90	19.55	16.10	1.80	0.80	758.40	88.26	0.60	1.92	811.00	251.83
18	24.80	19.65	17.10	2.20	0.79	757.94	87.91	1.00	1.81	712.00	233.90
19	25.10	19.80	16.50	1.80	0.82	757.49	87.30	5.60	1.73	908.00	228.01
20	22.80	19.00	16.10	1.80	0.84	758.18	91.36	5.20	1.26	895.00	163.43
21	22.60	18.69	15.80	1.30	0.65	758.80	90.27	8.00	1.11	362.00	146.14
22	26.50	20.07	14.70	2.20	1.04	757.70	85.28	5.20	2.62	941.00	340.74
23	24.60	19.42	14.80	2.20	0.94	757.00	86.35	28.20	2.02	664.00	253.56
24	25.80	19.45	16.60	2.20	0.93	757.16	87.29	1.40	1.95	782.00	258.25
25	28.50	19.92	15.80	3.60	0.67	757.00	82.69	0.40	2.32	829.00	297.01
26	26.00	19.21	16.60	1.30	0.59	757.76	87.85	1.80	1.62	823.00	205.99
27	25.20	19.48	14.80	1.30	0.47	757.96	85.69	0.60	1.38	773.00	175.54
28	27.80	20.32	14.80	1.80	0.52	757.42	83.44	0.20	2.02	917.00	246.66
29	25.70	19.36	16.40	1.30	0.57	757.81	90.08	2.20	1.36	697.00	174.10
30	24.90	19.46	16.30	1.30	0.71	758.57	86.86	0.20	1.67	977.00	217.88
31	24.70	18.95	15.80	2.20	0.90	758.56	87.60	0.00	1.96	868.00	250.30
TOTAL								124.20	57.52		
PROM	25.78	19.77	16.08	1.75	0.71	757.84	86.54			776.65	236.53

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			,	Lluvias por					PT	DP		DM	MM	IMM	IM5
Día		inten			3.5.1	jorn		3.7	CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)	` ′			
1	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	40.00	0.40	0.48	1.20
2	0	1	1	2	0	0	3	1	4	3.00	0.83	3.47	30.00	2.00	3.00	7.20
3	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
4	0	1	0	0	0	0	0	1	1	2.40	0.67	2.78	50.00	2.40	2.40	6.00
5	0	0	0	3	1	0	1	1	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
6	0	1	1	2	2	1	1	0	4	9.00	3.17	13.19	80.00	5.60	3.73	8.40
7	0	0	1	0	1	0	0	0	1	0.80	0.50	2.08	40.00	0.80	0.96	2.40
8	0	1	0	3	1	1	2	0	4	9.60	2.67	11.11	110.00	8.20	4.10	9.60
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	0	0	1	0	0	0	1	0	1	0.80	0.33	1.39	30.00	0.80	1.20	3.60
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	1	0	0	0	0	1	0	1	2.20	0.33	1.39	30.00	2.20	3.30	7.20
14	0	2	3	4	5	0	3	1	9	13.80	4.17	17.36	90.00	5.00	3.00	9.60
15	1	0	0	1	2	0	0	0	2	9.20	1.00	4.17	60.00	9.00	7.71	19.20
16	0	2	1	4	2	1	3	1	7	11.40	3.67	15.28	140.00	6.40	2.56	9.60
17	0	0	0	2	0	0	1	1	2	0.60	0.50	2.08	30.00	0.40	0.60	1.20
18	0	0	0	3	2	0	1	0	3	1.00	0.83	3.47	40.00	0.60	0.72	1.20
19	0	1	0	1	1	1	0	0	2	5.60	1.00	4.17	50.00	5.20	5.20	20.40
20	0	0	3	4	4	0	3	0	7	5.20	2.17	9.03	60.00	2.00	1.71	6.00
21	0	1	0	2	0	0	1	2	3	8.00	2.33	9.72	140.00	7.60	3.04	9.60
22	0	1	0	1	1	0	0	1	2	5.20	1.50	6.25	90.00	5.00	3.00	6.00
23	0	1	0	1	1	1	0	0	2	28.20	7.67	31.94	490.00	28.00	3.36	10.80
24	0	0	0	6	0	3	3	0	6	1.40	1.17	4.86	30.00	0.40	0.60	1.20
25	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
26	0	0	1	1	0	0	2	0	2	1.80	0.83	3.47	50.00	1.60	1.60	4.80
27	0	0	1	0	0	0	1	0	1	0.60	0.17	0.69	20.00	0.60	1.20	3.60
28	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
29	0	0	0	5	3	0	1	1	5	2.20	1.67	6.94	90.00	1.40	0.84	2.40
30	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
31	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	2	3	6	5	3	3	2	9	28.20	7.67	31.94	490.00	28.00	7.71	20.40
TOTAL	1	13	13	52	27	9	33	10	79	124.20	39.00	5.24				

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