

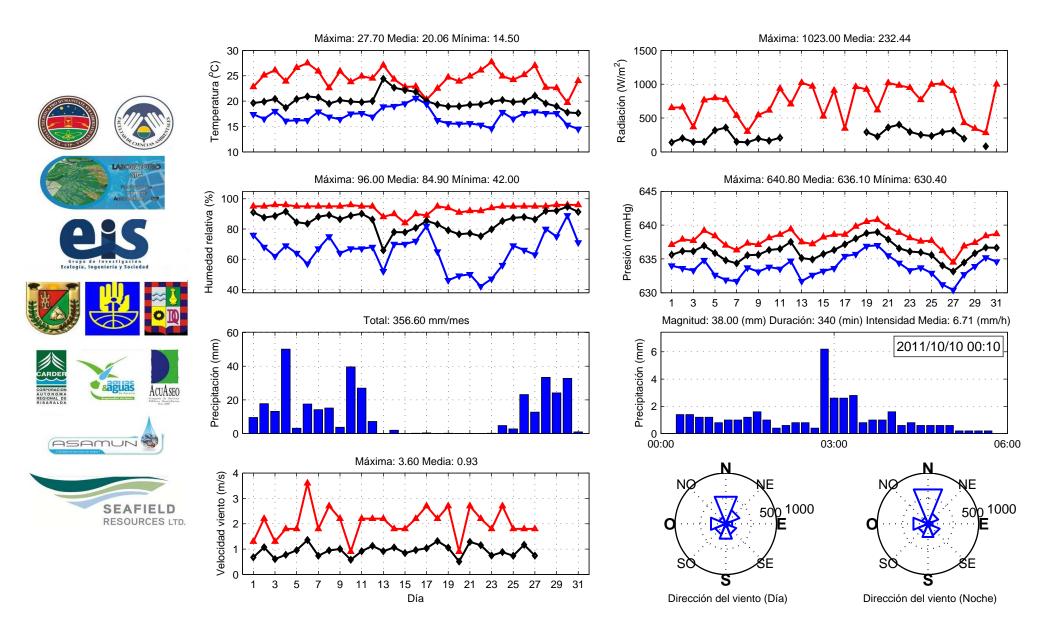
Estación: Acuaseo Fecha: Octubre de 2011 Registros: 31 de 31 Reporte climatológico mensual

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)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiació	
Dia	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	22.80	19.63	17.40	1.30	0.68	635.62	91.03	9.60	1.10	651.00	138.87
2	25.10	19.90	16.50	2.20	1.07	636.15	87.63	17.80	1.56	660.00	202.01
3	26.10	20.44	18.00	1.30	0.61	636.12	88.59	13.20	1.18	368.00	145.43
4	23.90	18.68	16.10	1.80	0.78	636.95	91.56	50.20	1.16	765.00	149.35
5	26.60	20.39	16.20	1.80	0.96	635.86	84.49	3.20	2.55	797.00	317.56
6	27.50	20.92	16.20	3.60	1.36	634.79	83.56	17.60	2.87	775.00	359.80
7	25.90	20.73	17.90	1.80	0.74	634.34	88.08	14.20	1.28	536.00	149.25
8	22.60	19.49	16.90	2.70	0.95	635.54	89.32	15.20	1.06	300.00	139.81
9	25.90	20.17	16.40	2.20	1.01	635.61	86.50	3.80	1.61	545.00	195.59
10	23.80	19.90	17.50	0.90	0.58	636.32	88.83	39.60	1.17	614.00	163.57
11	24.90	19.78	17.60	2.20	0.92	636.48	90.19	27.00	1.52	937.00	208.04
12	24.50	20.01	16.90	2.20	1.13	637.52	86.29	7.20	1.88	706.00	
13	27.10	24.41	18.90	2.20	0.92	635.12	65.91	0.00	2.97	1023.00	
14	24.30	22.65	19.00	1.80	1.07	634.92	77.97	2.00	1.49	969.00	
15	22.80	22.17	19.50	1.80	0.84	635.72	77.81	0.00	1.65	525.00	
16	22.90	21.82	20.60	2.20	0.96	636.31	80.71	0.20	1.06	908.00	
17	20.30	19.99	19.40	2.70	1.03	637.15	85.48	0.40	0.59	346.00	
18	22.50	19.30	16.20	2.20	1.31	638.00	83.11	0.00	2.16	962.00	
19	24.70	18.96	15.60	2.70	1.06	638.80	79.16	0.20	2.45	923.00	291.41
20	23.90	18.98	15.50	0.90	0.51	638.97	76.53	0.00	1.84	617.00	226.47
21	24.90	19.29	15.60	2.70	1.29	637.87	77.14	0.00	2.94	1019.00	360.18
22	26.10	19.37	15.30	2.20	1.15	636.57	75.20	0.00	3.34	981.00	401.80
23	27.70	19.90	14.60	1.80	0.74	636.09	79.82	0.20	2.41	948.00	295.72
24	24.90	20.22	17.80	2.70	0.88	635.97	85.25	4.80	1.98	768.00	251.71
25	24.20	19.82	16.50	1.80	0.74	635.57	87.35	2.80	1.87	997.00	234.79
26	25.20	19.97	17.60	1.80	1.17	634.01	87.97	23.20	2.25	1013.00	291.97
27	27.00	21.06	17.90	1.80	0.74	633.14	86.34	12.80	2.38	906.00	315.00
28	22.70	19.55	17.60			634.45	91.92	33.40	1.22	429.00	193.88
29	22.60	18.97	17.60			635.83	92.17	24.20	0.67	345.00	
30	19.70	17.76	15.30			636.67	94.70	32.80	0.59	282.00	81.47
31	24.00	17.62	14.50			636.65	91.36	1.00	0.72	999.00	
TOTAL								356.60	53.52		
PROM	24.42	20.06	17.05	2.05	0.93	636.10	84.90			729.48	232.44

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por				Lluvias por jornada					PT	D	P	DM	MM	IMM	IM5
Día	F	inten M	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	1	1	2	2	0	2	0	4	9.60	1.83	7.64	60.00	7.60	6.51	22.80
2	1	1	0	2	0	0	3	1	4	17.80	1.50	6.25	50.00	15.80	15.80	43.20
3	1	0	2	5	1	1	3	3	8	13.20	2.83	11.81	60.00	9.40	8.06	27.60
4	0	3	0	7	5	2	2	1	10	50.20	9.67	40.28	300.00	28.60	5.54	31.20
5	0	1	0	0	0	0	0	1	1	3.20	0.83	3.47	60.00	3.20	2.74	12.00
6	0	1	0	1	2	0	0	0	2	17.60	3.17	13.19	190.00	17.40	5.22	19.20
7	1	1	0	0	0	0	2	0	2	14.20	1.17	4.86	50.00	11.40	11.40	31.20
8	0	1	0	1	2	0	0	0	2	15.20	4.50	18.75	280.00	15.00	3.10	15.60
9	0	0	1	2	0	0	1	2	3	3.80	1.50	6.25	90.00	3.20	1.92	8.40
10	0	1	1	1	1	1	1	0	3	39.60	6.33	26.39	340.00	38.00	6.51	37.20
11	0	2	2	1	0	1	2	2	5	27.00	5.67	23.61	110.00	12.60	6.30	26.40
12	0	1	0	3	3	0	1	0	4	7.20	2.33	9.72	100.00	6.20	3.38	10.80
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	0	1	0	0	0	0	1	0	1	2.00	0.33	1.39	40.00	2.00	2.40	10.80
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	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
17	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
24	0	0	2	3	4	0	1	0	5	4.80	2.17	9.03	90.00	2.60	1.56	4.80
25	0	0	2	1	2	1	0	0	3	2.80	1.17	4.86	50.00	1.60	1.60	3.60
26	0	2	1	3	4	1	1	0	6	23.20	4.17	17.36	90.00	11.40	6.84	18.00
27	1	0	0	3	2	0	1	1	4	12.80	1.17	4.86	50.00	12.20	12.20	40.80
28	0	4	5	3	3	3	3	2	12	33.40	9.17	38.19	120.00	9.80	4.52	16.80
29	1	1	0	3	3	0	1	1	5	24.20	3.17	13.19	70.00	12.80	9.60	45.60
30	1	3	1	3	5	3	0	0	8	32.80	7.33	30.56	220.00	10.40	2.71	9.60
31	0	0	1	0	0	0	1	0	1	1.00	0.50	2.08	40.00	1.00	1.20	3.60
MAX	1	4	5	7	5	3	3	3	12	50.20	9.67	40.28	340.00	38.00	15.80	45.60
TOTAL	6	24	19	49	40	13	29	15	98	356.60	71.33	9.59				

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