

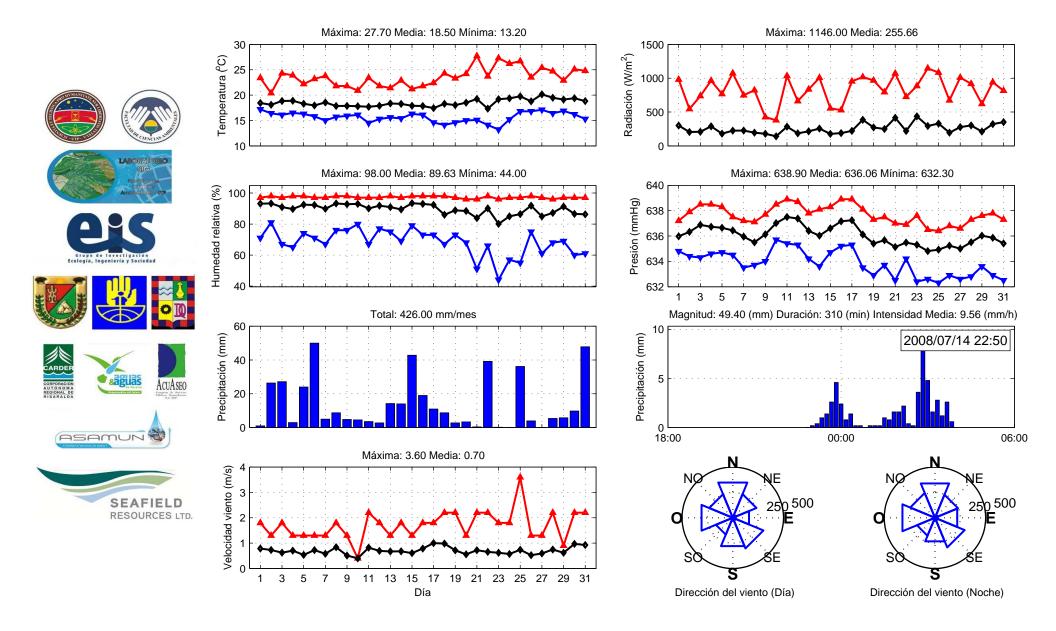
Estación: Acuaseo Fecha: Julio de 2008 Registros: 31 de 31 Reporte climatológico mensual

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	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m <sup>2</sup> )	
Dia	Máx	Media	Mín	Máx Media		(mmHg) Media	Media	Total	Total	Máx	Media
1	23.40	18.44	17.20	1.80	0.79	635.98	93.15	1.00	0.89	980.00	300.21
2	20.40	18.10	16.40	1.30	0.73	636.32	93.32	26.40	1.52	545.00	203.75
3	24.30	18.84	16.10	1.80	0.63	636.88	90.92	27.20	1.57	737.00	208.61
4	23.90	18.89	16.50	1.30	0.70	636.73	89.73	3.00	2.28	963.00	287.96
5	22.20	18.29	16.30	1.30	0.54	636.65	92.50	24.00	1.30	767.00	179.53
6	23.20	17.96	15.80	1.30	0.72	636.44	92.30	50.00	1.72	1073.00	224.08
7	23.80	18.56	15.00	1.30	0.58	635.94	89.87	5.00	1.84	749.00	226.40
8	21.80	17.85	15.70	1.80	0.84	635.50	93.27	8.80	1.43	822.00	194.25
9	21.80	17.86	15.90	1.30	0.51	636.13	92.77	4.80	1.33	425.00	178.20
10	20.90	17.81	16.10	0.40	0.40	637.01	93.00	4.60	1.05	378.00	140.64
11	23.40	17.71	14.50	2.20	0.82	637.50	90.03	3.60	2.28	1035.00	283.69
12	21.80	17.90	15.30	1.80	0.69	637.37	91.83	2.80	1.42	662.00	185.62
13	21.40	18.37	15.60	1.30	0.67	636.40	90.90	14.20	1.64	836.00	215.11
14	22.90	18.26	15.40	1.80	0.68	636.02	89.44	14.00	2.04	1006.00	255.42
15	21.20	17.90	16.30	1.30	0.61	636.60	93.44	42.80	1.28	554.00	175.94
16	21.80	17.85	16.10	1.80	0.79	637.16	92.99	19.00	1.37	529.00	188.23
17	22.40	17.44	14.60	1.80	1.00	637.24	92.39	11.00	1.65	954.00	221.01
18	24.30	18.30	14.10	2.20	0.98	636.12	85.95	8.80	3.16	1017.00	385.79
19	23.30	18.04	14.60	2.20	0.72	635.41	88.88	2.80	2.09	967.00	272.45
20	24.20	18.50	15.00	1.30	0.56	635.66	88.40	3.40	2.05	794.00	248.56
21	27.70	19.24	15.10	2.20	0.72	635.14	83.86	0.40	3.27	1071.00	414.70
22	23.70	17.34	14.10	2.20	0.66	635.48	90.10	39.20	1.82	726.00	219.41
23	27.30	19.19	13.20	1.80	0.62	635.31	80.10	0.20	3.58	885.00	435.73
24	26.20	19.36	15.20	1.80	0.57	634.81	84.94	0.00	2.39	1146.00	292.92
25	26.70	19.75	16.80	3.60	0.74	634.92	86.38	36.20	2.52	1083.00	330.19
26	23.50	18.78	16.80	1.30	0.52	635.23	91.84	4.00	1.48	672.00	194.74
27	25.40	20.16	17.10	1.30	0.60	635.00	84.91	0.00	2.32	1009.00	277.60
28	24.70	19.47	16.40	2.20	0.74	635.51	87.20	5.40	2.56	917.00	301.53
29	22.90	19.11	16.90	0.90	0.62	636.02	91.27	5.80	1.76	620.00	211.30
30	25.10	19.38	16.20	2.20	0.97	635.86	86.56	9.80	2.73	940.00	321.66
31	24.80	18.82	15.30	2.20	0.93	635.41	86.28	47.80	2.74	816.00	350.29
TOTAL								426.00	61.08		
PROM	23.56	18.50	15.66	1.71	0.70	636.06	89.63			828.32	255.66

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CLL	PT	Б	DP		MM	IMM	IM5	
Dia	F	M	L	LL	Md	Mñ	Т	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	1	1	2	0	0	0	2	1.00	0.50	2.08	30.00	0.80	1.20	3.60
2	0	2	2	2	2	1	3	0	6	26.40	4.50	18.75	180.00	20.60	6.51	24.00
3	2	0	0	2	0	0	2	2	4	27.20	2.17	9.03	90.00	14.20	8.52	32.40
4	0	1	0	2	0	2	0	1	3	3.00	1.33	5.56	40.00	2.00	2.40	8.40
5	0	2	0	3	3	1	1	0	5	24.00	5.83	24.31	210.00	18.40	5.02	16.80
6	1	3	0	1	3	0	2	0	5	50.00	6.33	26.39	130.00	22.80	9.77	30.00
7	0	1	1	2	1	0	1	2	4	5.00	1.17	4.86	30.00	3.60	5.40	20.40
8	0	1	4	3	3	0	5	0	8	8.80	3.50	14.58	100.00	3.20	1.75	4.80
9	0	0	2	3	2	2	1	0	5	4.80	3.00	12.50	160.00	2.60	0.92	2.40
10	0	0	3	2	2	2	1	0	5	4.60	2.33	9.72	90.00	2.60	1.56	3.60
11	0	0	1	4	0	0	4	1	5	3.60	1.67	6.94	70.00	2.80	2.10	6.00
12	0	0	3	3	1	0	4	1	6	2.80	1.50	6.25	30.00	0.80	1.20	2.40
13	1	0	2	3	3	0	3	0	6	14.20	2.50	10.42	90.00	12.20	7.32	28.80
14	1	0	2	1	1	2	0	1	4	14.00	2.83	11.81	70.00	10.20	7.65	27.60
15	1	0	1	4	2	1	2	1	6	42.80	6.17	25.69	240.00	39.20	9.41	51.60
16	2	0	0	1	0	0	3	0	3	19.00	1.50	6.25	50.00	10.60	10.60	48.00
17	0	1	2	2	0	1	2	2	5	11.00	3.17	13.19	100.00	7.00	3.82	9.60
18	0	0	2	4	3	0	0	3	6	8.80	5.00	20.83	130.00	4.40	1.89	6.00
19	0	0	1	4	3	1	1	0	5	2.80	2.00	8.33	80.00	1.20	0.80	1.20
20	0	1	0	1	0	0	2	0	2	3.40	0.67	2.78	40.00	3.20	3.84	14.40
21	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
22	1	1	0	0	1	0	1	0	2	39.20	2.17	9.03	120.00	37.80	17.45	43.20
23	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	2	0	0	0	1	0	1	0	2	36.20	2.33	9.72	120.00	18.60	8.58	51.60
26	0	1	2	2	2	1	2	0	5	4.00	1.67	6.94	20.00	1.20	2.40	4.80
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	4	2	4	0	1	1	6	5.40	2.50	10.42	70.00	2.80	2.10	4.80
29	0	2	2	1	0	2	2	1	5	5.80	2.00	8.33	50.00	2.20	2.20	8.40
30	0	1	2	3	2	2	0	2	6	9.80	2.00	8.33	60.00	7.40	6.34	22.80
31	1	0	1	0	1	0	0	0	2	47.80	3.17	13.19	80.00	43.00	28.67	82.80
MAX	2	3	4	4	4	2	5	3	8	50.00	6.33	26.39	240.00	43.00	28.67	82.80
TOTAL	12	17	38	59	43	18	46	18	126	426.00	74.00	9.95				

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)