

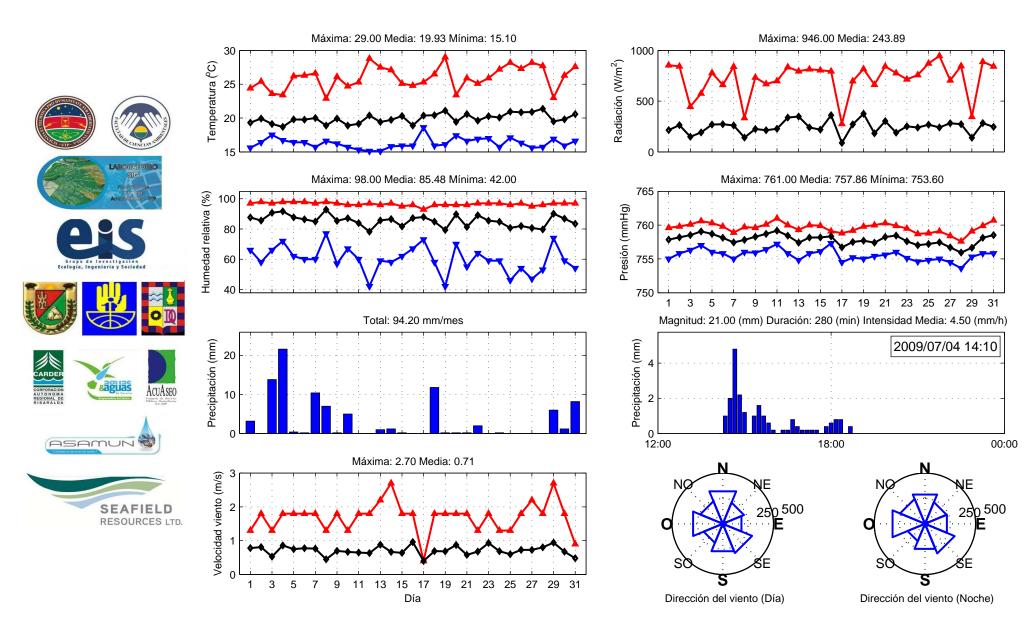
Estación: Acuaseo Fecha: Julio de 2009 Registros: 31 de 31 Reporte climatológico mensual

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.

Contáctenos: http://www.utp.edu.co/hidroclimatologica



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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiaci (W/	
Dia	Máx	Media	Mín	Máx Media		Media	Media	Total	Total	Máx	Media
1	24.40	19.31	15.60	1.30	0.78	757.84	87.68	3.20	1.64	854.00	214.15
2	25.40	19.92	16.40	1.80	0.81	758.19	85.62	0.00	2.31	843.00	263.64
3	23.60	19.11	17.50	1.30	0.53	758.51	90.74	13.80	1.11	445.00	148.52
4	23.40	18.68	16.70	1.80	0.86	759.06	91.69	21.60	1.52	576.00	190.85
5	26.20	19.78	16.40	1.80	0.75	758.70	87.77	0.40	2.14	778.00	268.96
6	26.30	19.76	16.40	1.80	0.78	758.12	86.43	0.20	2.09	660.00	272.71
7	26.60	20.01	15.70	1.80	0.76	757.43	84.92	10.40	2.09	839.00	260.15
8	22.90	18.89	16.60	1.30	0.45	757.81	92.86	7.00	1.06	334.00	140.32
9	26.10	19.92	16.20	1.80	0.70	758.27	85.41	0.20	1.76	733.00	225.42
10	24.70	18.89	15.70	1.30	0.67	758.70	87.18	5.00	1.74	669.00	213.58
11	25.30	19.16	15.30	1.80	0.65	759.18	83.94	0.00	1.75	698.00	227.75
12	28.80	20.39	15.10	1.80	0.63	758.43	78.24	0.00	2.68	835.00	338.34
13	27.50	19.40	15.10	2.20	0.88	757.41	85.67	1.00	2.71	795.00	347.30
14	27.10	19.72	15.80	2.70	0.67	758.16	86.59	1.20	1.93	814.00	240.45
15	25.10	20.31	15.90	1.80	0.64	758.17	81.69	0.20	1.88	804.00	218.34
16	24.80	18.88	15.90	1.80	0.96	758.33	87.21	0.00	1.05	793.00	360.54
17	25.30	20.36	18.60	0.40	0.40	756.71	87.94	0.00	0.23	275.00	88.13
18	26.50	20.41	15.90	1.80	0.69	757.51	84.88	11.80	2.15	697.00	270.69
19	29.00	21.08	16.10	1.80	0.69	757.69	79.34	0.20	3.13	816.00	374.66
20	23.40	19.43	17.40	1.80	0.87	757.40	89.69	0.20	1.38	662.00	182.42
21	25.90	20.58	16.60	1.80	0.58	758.24	81.33	0.20	2.42	843.00	303.26
22	25.10	19.61	16.90	1.30	0.68	758.45	89.12	2.00	1.52	776.00	188.77
23	25.90	20.27	17.00	1.80	0.93	757.61	85.52	0.00	1.97	715.00	251.32
24	27.20	20.07	15.70	1.30	0.69	757.03	84.76	0.20	1.91	757.00	239.59
25	28.20	20.94	17.10	1.30	0.60	757.20	80.76	0.00	2.26	871.00	267.92
26	27.30	20.84	16.30	1.80	0.73	757.45	81.99	0.00	2.20	946.00	240.85
27	28.20	20.88	15.60	2.20	0.73	756.70	80.65	0.00	2.43	705.00	281.49
28	27.70	21.36	15.70	1.80	0.80	755.93	79.72	0.00	2.30	846.00	272.40
29	23.00	19.50	16.90	2.70	0.94	756.65	90.16	6.00	1.20	346.00	138.29
30	26.30	19.80	15.90	1.80	0.67	758.12	86.86	1.20	2.25	888.00	283.62
31	27.60	20.57	16.60	0.90	0.48	758.52	83.46	8.20	1.99	842.00	246.17
TOTAL								94.20	58.80		
PROM	25.96	19.93	16.28	1.70	0.71	757.86	85.48			724.35	243.89

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad				Lluvias por jornada			CLL	PT	D	DP		MM	IMM	IM5	
Dia	F	M	L	LL	Md	Mñ	T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	1	1	0	0	1	1	2	3.20	1.33	5.56	80.00	3.00	2.00	3.60
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	3	0	2	1	3	1	0	5	13.80	2.83	11.81	60.00	5.60	4.80	19.20
4	0	1	0	2	1	0	2	0	3	21.60	4.33	18.06	280.00	21.00	4.34	28.80
5	0	0	0	1	1	0	0	0	1	0.40	0.33	1.39	40.00	0.40	0.48	1.20
6	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	0	1	0	0	0	0	0	1	1	10.40	1.50	6.25	110.00	10.40	5.20	15.60
8	0	1	0	3	1	1	2	0	4	7.00	1.67	6.94	60.00	6.00	5.14	15.60
9	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
10	0	1	1	1	0	0	1	1	3	5.00	1.00	4.17	40.00	4.00	4.80	15.60
11	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	1	0	0	0	1	0	1	1.00	0.50	2.08	40.00	1.00	1.20	3.60
14	0	1	0	1	1	0	1	0	2	1.20	0.33	1.39	20.00	1.00	2.00	6.00
15	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	1	0	0	0	0	0	1	0	1	11.80	1.00	4.17	70.00	11.80	8.85	22.80
19	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
21	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
22	0	0	0	5	3	0	2	0	5	2.00	1.67	6.94	60.00	1.00	0.86	1.20
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	1	0	1	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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	1	0	1	6.00	0.67	2.78	60.00	6.00	5.14	16.80
30	0	0	1	2	0	1	2	0	3	1.20	0.50	2.08	20.00	0.80	1.60	4.80
31	1	0	0	1	0	0	0	2	2	8.20	1.00	4.17	60.00	8.00	6.86	18.00
MAX	1	3	1	5	3	3	2	2	5	21.60	4.33	18.06	280.00	21.00	8.85	28.80
TOTAL	2	9	4	26	8	8	17	7	41	94.20	19.83	2.67				

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