

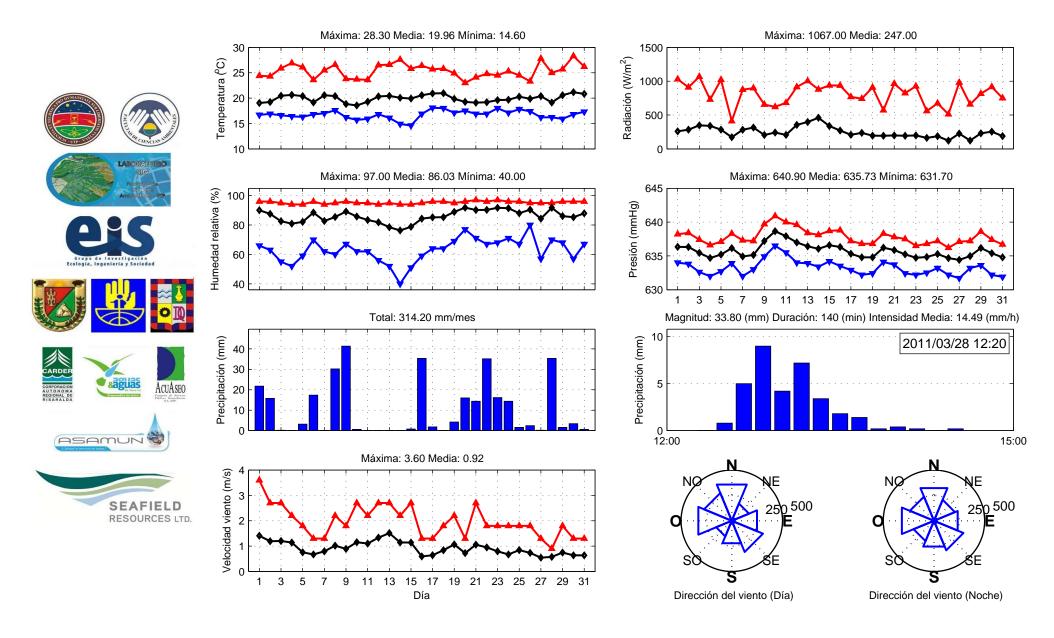
Estación: Acuaseo Fecha: Marzo de 2011 Registros: 31 de 31 Reporte climatológico mensual

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.

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



Estación: Acuaseo Fecha: Marzo de 2011 Registros: 31 de 31

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: www.utp.edu.co/hidroclimatologica

	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/m^2)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.40	19.05	16.70	3.60	1.41	636.33	90.08	21.80	1.99	1030.00	258.40
2	24.30	19.23	16.90	2.70	1.19	636.31	87.59	15.80	2.18	910.00	282.92
3	25.90	20.47	16.60	2.70	1.20	635.45	82.58	0.20	2.91	1067.00	348.22
4	26.90	20.64	16.40	2.20	1.14	634.68	80.92	0.00	2.87	729.00	338.51
5	26.10	20.40	16.30	1.80	0.76	635.20	82.14	3.20	2.24	1021.00	282.67
6	23.60	19.15	16.80	1.30	0.67	636.15	88.49	17.40	1.33	410.00	171.21
7	25.50	20.57	17.00	1.30	0.79	634.93	82.71	0.00	2.15	875.00	282.07
8	26.60	20.38	17.60	2.20	1.02	635.13	85.43	30.20	2.55	898.00	314.76
9	23.80	18.84	16.20	1.80	0.89	637.20	89.14	41.40	1.54	654.00	204.24
10	23.70	18.56	15.70	2.70	1.16	638.65	85.74	0.60	1.84	621.00	240.26
11	23.60	19.27	15.90	2.20	1.10	637.90	83.44	0.00	1.73	681.00	206.81
12	26.50	20.32	16.80	2.70	1.33	637.00	81.85	0.00	2.94	915.00	353.66
13	26.60	20.43	16.10	2.70	1.51	636.42	78.49	0.00	3.38	1003.00	396.49
14	27.60	20.06	14.90	2.20	1.15	636.06	76.33	0.00	3.79	878.00	459.63
15	25.80	19.91	14.60	2.70	1.14	636.59	78.81	0.80	2.79	938.00	337.07
16	26.40	20.56	16.90	1.30	0.59	636.32	84.35	35.40	2.12	935.00	270.20
17	25.70	20.93	18.10	1.30	0.64	635.31	85.25	1.80	1.62	768.00	207.07
18	25.80	20.97	18.00	1.80	0.84	634.80	85.29	0.00	1.86	741.00	235.23
19	24.90	19.85	17.10	2.20	1.07	634.78	88.93	4.20	1.62	908.00	194.31
20	23.00	19.25	17.50	1.30	0.72	636.21	91.83	16.00	1.35	571.00	192.99
21	24.10	19.11	16.90	2.70	1.06	635.86	90.24	14.40	1.46	963.00	198.24
22	24.80	19.19	16.90	1.80	0.95	635.23	90.27	35.20	1.64	824.00	193.51
23	24.50	19.60	18.00	1.80	0.79	634.73	91.74	16.20	1.45	925.00	198.16
24	25.30	19.68	17.10	1.80	0.67	634.83	91.46	14.40	1.21	559.00	162.56
25	24.50	20.29	17.80	1.80	0.84	635.28	88.01	1.60	1.48	673.00	185.89
26	23.30	19.88	17.40	1.80	0.74	634.68	90.42	2.40	0.97	511.00	121.38
27	27.80	20.40	16.20	1.30	0.55	634.42	84.33	0.20	1.93	980.00	226.13
28	25.00	19.12	16.20	0.90	0.58	634.96	91.77	35.40	0.95	658.00	122.39
29	25.70	20.58	15.90	1.80	0.75	636.17	86.08	1.60	1.89	815.00	229.77
30	28.30	21.16	16.80	1.30	0.64	635.40	85.30	3.40	2.04	916.00	253.93
31	26.20	20.84	17.30	1.30	0.64	634.78	87.98	0.60	1.61	750.00	188.26
TOTAL								314.20	61.43		
PROM	25.36	19.96	16.73	1.97	0.92	635.73	86.03			810.55	247.00

Cuadro 1: Resúmen de análisis climatológico

Estación: Acuaseo Fecha: Marzo de 2011 Registros: 31 de 31

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: www.utp.edu.co/hidroclimatologica

Día	Lluvias por intensidad			•	Lluvias por jornada				CLI	PT	DP		DM	MM	IMM	IM5
Dia	F	M	sidad L	LL	Md	Mñ	T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	1	1	1	4	2	0	2	3	7	21.80	4.17	17.36	160.00	12.40	4.38	10.80
2	0	1	1	2	2	0	2	0	4	15.80	3.50	14.58	180.00	14.60	4.61	24.00
3	0	0	0	1	0	0	0	1	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	1	0	0	0	2	2	3.20	0.50	2.08	30.00	3.00	4.50	14.40
6	0	1	1	1	2	0	1	0	3	17.40	3.83	15.97	210.00	16.60	4.53	14.40
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1	1	1	4	2	1	1	3	7	30.20	3.33	13.89	90.00	23.00	13.80	52.80
9	0	2	0	4	2	1	2	1	6	41.40	10.67	44.44	330.00	26.20	4.62	52.80
10	0	0	0	3	1	2	0	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0	0	0	2	2	0.80	0.50	2.08	40.00	0.60	0.72	2.40
16	1	1	0	1	1	0	0	2	3	35.40	4.83	20.14	240.00	31.60	7.58	37.20
17	0	0	1	1	0	0	0	2	2	1.80	1.33	5.56	70.00	1.00	0.75	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	1	0	2	0	0	3	0	3	4.20	1.17	4.86	50.00	3.60	3.60	9.60
20	0	1	3	3	2	2	2	1	7	16.00	6.33	26.39	100.00	6.80	3.71	18.00
21	0	1	1	3	0	0	2	3	5	14.40	3.83	15.97	80.00	8.00	5.33	12.00
22	0	4	1	2	1	2	1	3	7	35.20	7.50	31.25	120.00	10.00	4.62	18.00
23	0	2	1	7	3	0	5	2	10	16.20	4.17	17.36	80.00	8.40	5.60	21.60
24	1	1	1	2	1	0	3	1	5	14.40	2.50	10.42	50.00	8.20	8.20	24.00
25	0	0	1	0	1	0	0	0	1	1.60	0.67	2.78	50.00	1.60	1.60	6.00
26	0	0	1	1	0	1	1	0	2	2.40	1.83	7.64	120.00	2.20	1.02	2.40
27	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
28	1	0	1	1	0	1	2	0	3	35.40	2.83	11.81	140.00	33.80	13.52	54.00
29	0	0	1	3	1	0	0	3	4	1.60	0.83	3.47	30.00	1.00	1.50	4.80
30	0	0	2	4	2	1	0	3	6	3.40	1.67	6.94	60.00	2.40	2.06	6.00
31	0	0	0	2	0	1	1	0	2	0.60	0.50	2.08	40.00	0.40	0.48	1.20
MAX	1	4	3	7	3	2	5	3	10	41.40	10.67	44.44	330.00	33.80	13.80	54.00
TOTAL	5	18	18	55	24	12	28	32	96	314.20	67.33	9.05				

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