

Estación: Mundo Nuevo Fecha: Abril de 2009 Registros: 30 de 30

Máxima: 26.30 Media: 19.22 Mínima: 14.40

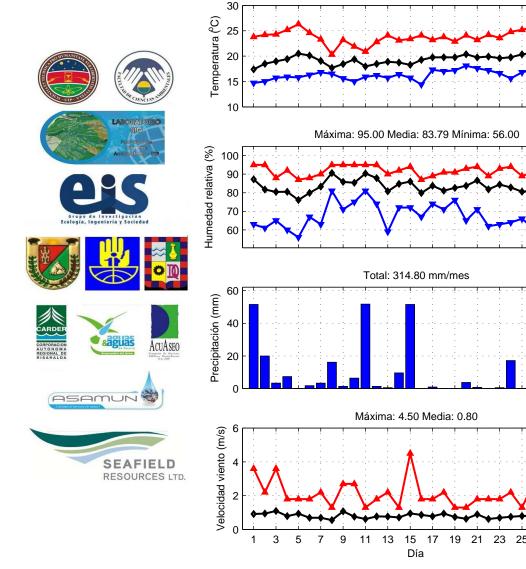
Reporte climatológico mensual

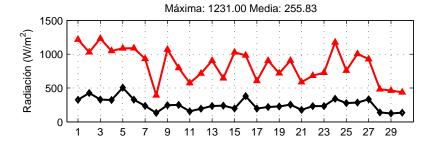
Red Hidroclimatológica del Departamento de Risaralda

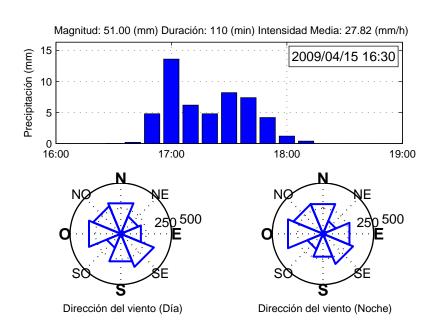
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

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)	Radiación solar (W/m ²)	
Dia	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.80	17.40	14.70	3.60	0.92	759.14	87.24	51.60	0.00	1216.00	326.33
2	24.20	18.48	15.00	2.20	0.95	758.59	81.71	20.00	0.00	1029.00	426.00
3	24.30	18.97	15.70	3.60	1.09	757.45	80.47	3.40	0.00	1231.00	329.75
4	25.20	19.40	15.90	1.80	0.79	757.40	80.50	7.40	0.00	1049.00	323.07
5	26.30	20.51	15.80	1.80	0.93	754.87	76.11	0.00	0.00	1086.00	505.80
6	24.60	20.11	16.30	1.80	0.69	755.67	79.92	1.80	0.00	1088.00	327.82
7	23.30	19.05	16.80	2.20	0.69	757.61	83.31	3.40	0.00	932.00	235.51
8	20.30	17.67	16.50	1.30	0.55	759.01	90.61	16.20	0.00	392.00	131.83
9	23.20	18.45	15.60	2.70	1.07	758.48	85.82	1.40	0.00	1068.00	245.95
10	21.90	19.36	15.00	2.70	0.76	758.29	85.35	6.40	0.00	798.00	249.90
11	20.90	17.97	15.90	1.30	0.62	758.80	90.39	51.80	0.00	575.00	155.10
12	22.80	18.46	16.20	1.80	0.77	758.68	87.86	1.40	0.00	716.00	194.96
13	24.10	18.88	15.70	2.20	0.76	757.80	80.76	0.60	0.00	905.00	234.17
14	23.10	18.72	16.40	1.30	0.71	757.93	84.76	9.60	0.00	645.00	239.19
15	23.40	18.26	15.70	4.50	0.95	758.58	86.00	51.60	0.00	1027.00	197.48
16	24.10	19.25	14.40	1.80	0.86	758.25	79.85	0.00	0.00	984.00	380.77
17	23.20	19.76	17.30	1.80	0.78	756.54	83.73	1.00	0.00	606.00	195.76
18	23.80	19.77	17.00	2.20	0.94	755.63	81.13	0.00	0.00	904.00	219.16
19	22.90	19.76	17.20	1.30	0.74	755.57	82.62	0.00	0.00	719.00	228.24
20	24.10	20.38	18.10	1.30	0.64	755.57	83.74	3.80	0.00	906.00	254.44
21	23.20	19.73	17.60	1.80	0.90	756.73	86.60	0.80	0.00	587.00	177.08
22	24.20	19.91	17.20	1.80	0.62	757.89	81.85	0.00	0.00	682.00	231.71
23	23.60	19.59	16.60	1.80	0.70	757.46	84.41	0.60	0.00	727.00	231.67
24	24.80	19.75	15.60	2.20	0.75	756.48	82.83	17.20	0.00	1176.00	341.44
25	25.20	20.34	16.80	1.30	0.80	754.68	80.58	0.00	0.00	759.00	276.11
26	25.70	20.63	17.30	2.70	0.81	755.12	81.12	0.00	0.00	1005.00	284.35
27	25.70	21.03	17.00	2.20	0.79	748.96	79.74	0.20	0.00	928.00	332.15
28	22.10	19.05	16.80	2.20	0.84	756.26	86.34	46.20	0.00	483.00	138.88
29	21.80	18.47	17.10	3.10	0.89	757.69	87.55	8.60	0.00	462.00	124.64
30	20.50	17.44	15.90	2.20	0.71	759.72	90.77	9.80	0.00	437.00	135.78
TOTAL								314.80	0.00		
PROM	23.54	19.22	16.30	2.15	0.80	757.03	83.79			837.40	255.83

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por			CLL	РТ	PT DP		DM	MM	IMM	IM5		
Día		intensidad			jornada			(mm)			(min)	(mm)	(mm/h)	(mm/h)		
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(111111)	(11111/11)	(11111111)
1	2	1	1	1	1	0	2	2	5	51.60	6.50	27.08	250.00	36.80	8.49	38.40
2	0	1	0	1	1	1	0	0	2	20.00	3.67	15.28	230.00	19.80	4.95	25.20
3	0	1	1	0	0	0	1	1	2	3.40	0.67	2.78	40.00	2.80	3.36	8.40
4	0	2	0	1	2	0	0	1	3	7.40	1.17	4.86	40.00	4.80	5.76	21.60
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	1	0	0	0	0	1	0	1	1.80	0.50	2.08	40.00	1.80	2.16	7.20
7	0	0	2	2	0	0	3	1	4	3.40	1.33	5.56	40.00	1.60	1.92	7.20
8	0	1	2	1	0	0	3	1	4	16.20	3.50	14.58	130.00	13.20	5.66	32.40
9	0	0	1	1	0	1	1	0	2	1.40	0.50	2.08	30.00	1.20	1.80	4.80
10	0	1	1	1	2	0	0	1	3	6.40	1.67	6.94	90.00	5.00	3.00	8.40
11	2	0	1	3	2	0	2	2	6	51.80	4.00	16.67	80.00	37.20	24.80	57.60
12	0	0	1	1	0	1	0	1	2	1.40	1.00	4.17	70.00	1.20	0.90	2.40
13	0	0	0	2	0	0	1	1	2	0.60	0.50	2.08	40.00	0.40	0.48	1.20
14	1	0	0	2	0	0	1	2	3	9.60	1.67	6.94	60.00	8.60	7.37	26.40
15	1	0	0	3	1	1	1	1	4	51.60	2.17	9.03	110.00	51.00	25.50	81.60
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	1	0	0	0	1	0	1	1.00	0.33	1.39	30.00	1.00	1.50	3.60
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0	1	1	0	0	0	2	0	2	3.80	1.17	4.86	60.00	2.80	2.40	7.20
21	0	0	1	1	0	0	2	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
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	3	0	0	3	0	3	0.60	0.50	2.08	20.00	0.20	0.40	1.20
24	1	1	1	0	3	0	0	0	3	17.20	1.67	6.94	70.00	15.00	11.25	28.80
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	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
28	1	0	0	2	1	1	1	0	3	46.20	2.50	10.42	140.00	45.80	18.32	74.40
29	0	1	2	0	0	0	3	0	3	8.60	2.33	9.72	140.00	7.80	3.12	10.80
30	0	1	5	2	4	3	1	0	8	9.80	4.00	16.67	50.00	3.00	3.00	10.80
MAX	2	2	5	3	4	3	3	2	8	51.80	6.50	27.08	250.00	51.00	25.50	81.60
TOTAL	8	12	21	28	17	8	30	14	69	314.80	42.00	5.83				

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