

Estación: Mundo Nuevo Fecha: Marzo de 2013 Registros: 31 de 31 Reporte climatológico mensual

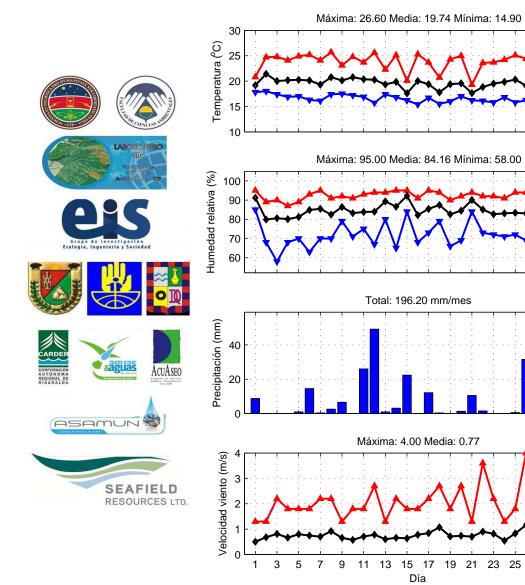
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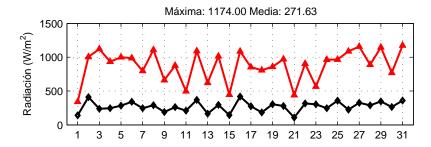
Red Hidroclimatológica del Departamento de Risaralda

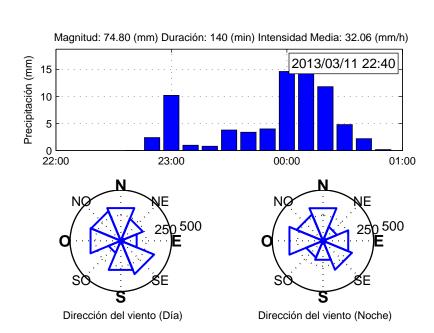
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.

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







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	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap		
Día		(°C)		(m/s)		(mmHg)	(%)	(mm) (mm)		(W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	20.80	19.17	17.80	1.30	0.50	755.22	91.18	8.80	0.84	341.00	139.95
2	24.70	21.42	18.00	1.30	0.68	759.61	79.87	0.00	1.96	1005.00	409.36
3	24.80	20.00	17.40	2.20	0.81	744.13	80.56	0.00	1.97	1122.00	237.13
4	24.10	20.18	16.90	1.80	0.66	755.78	80.08	0.00	2.19	934.00	245.61
5	24.90	20.27	17.00	1.80	0.80	753.20	81.17	1.00	2.47	999.00	282.74
6	25.20	20.13	16.30	1.80	0.75	737.29	84.85	14.60	2.64	986.00	340.60
7	24.10	19.29	16.10	2.20	0.70	747.83	85.51	0.40	1.89	798.00	245.85
8	25.70	20.77	17.40	2.20	0.92	711.05	82.39	2.60	2.69	1108.00	289.70
9	23.10	20.12	17.50	1.30	0.65	751.27	86.40	6.60	1.69	661.00	190.36
10	24.80	20.77	17.20	1.80	0.57	756.48	83.20	0.00	2.16	877.00	261.57
11	23.70	20.38	16.90	1.80	0.71	745.53	83.80	26.00	1.88	497.00	208.71
12	25.60	20.27	15.70	2.70	0.78	728.15	84.01	49.20	2.77	1091.00	369.30
13	22.30	19.35	17.40	1.30	0.60	655.08	89.27	1.00	1.23	622.00	165.06
14	25.10	19.85	16.80	2.20	0.66	759.23	86.60	3.20	2.27	1015.00	295.37
15	20.10	17.58	16.20	1.80	0.64	717.29	92.26	22.40	0.93	446.00	143.50
16	25.30	20.02	15.40	1.80	0.78	729.50	82.17	0.00	3.36	1086.00	418.38
17	23.70	19.38	16.70	2.20	0.84	644.73	85.42	12.20	2.08	853.00	274.57
18	20.70	17.79	15.50	2.70	1.07	697.52	87.44	0.40	1.57	808.00	183.29
19	24.30	19.38	16.00	1.80	0.71	711.86	82.58	0.00	2.59	859.00	304.15
20	25.00	19.57	17.00	2.70	0.74	643.01	84.49	1.40	2.29	972.00	277.99
21	19.30	17.63	16.20	1.30	0.70	593.50	90.04	10.60	0.83	440.00	107.13
22	23.60	18.84	16.10	3.60	0.90	735.61	85.10	1.60	2.46	905.00	315.90
23	23.70	19.49	15.80	2.20	0.82	753.08	82.63	0.00	2.48	566.00	303.51
24	24.20	19.85	16.80	1.30	0.55	718.85	83.11	0.00	1.91	964.00	245.09
25	25.10	20.30	15.80	1.80	0.83	674.54	83.41	0.60	2.94	965.00	358.05
26	24.40	19.09	16.20	4.00	1.16	648.85	83.03	31.60	2.05	1087.00	224.19
27	24.10	19.35	14.90	1.80	0.85	716.89	81.36	0.00	2.78	1157.00	326.66
28	24.50	19.91	16.80	2.20	0.84	682.37	82.44	0.00	2.42	889.00	287.79
29	25.90	20.39	17.30	2.20	0.90	690.47	81.22	0.00	2.95	1146.00	346.60
30	25.70	20.45	17.20	1.80	0.76	678.31	82.17	0.00	2.30	769.00	262.97
31	26.60	20.96	17.30	2.70	1.03	525.00	81.11	2.00	3.15	1174.00	359.52
TOTAL								196.20	67.74		
PROM	24.04	19.74	16.63	2.05	0.77	707.14	84.16			875.55	271.63

Cuadro 1: Resúmen de análisis climatológico

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Día	Lluvias por intensidad			Lluvias por jornada			Gr. I	PT	D	P	DM	MM	IMM	IM5		
Dia	F	ınten	sidad L	LL	Md	Jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	2	0	1	0	1	2	0	3	8.80	2.00	8.33	90.00	5.00	3.00	7.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	1	0	0	0	1	0	1	1.00	0.50	2.08	50.00	1.00	1.00	3.60
6	0	3	0	0	2	0	0	1	3	14.60	3.33	13.89	130.00	8.60	3.69	21.60
7	0	0	0	1	1	0	0	0	1	0.40	0.33	1.39	40.00	0.40	0.48	1.20
8	0	1	0	0	0	0	1	0	1	2.60	0.50	2.08	40.00	2.60	3.12	13.20
9	0	1	1	0	0	0	2	0	2	6.60	1.33	5.56	90.00	3.60	2.16	9.60
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1	0	0	1	0	0	1	1	2	26.00	1.50	6.25	80.00	25.60	17.07	61.20
12	1	0	0	0	1	0	0	0	1	49.20	1.00	4.17	60.00	49.20	42.17	93.60
13	0	0	0	3	1	0	1	1	3	1.00	0.83	3.47	30.00	0.40	0.60	1.20
14	0	0	1	1	1	0	0	1	2	3.20	1.17	4.86	90.00	3.00	1.80	9.60
15	0	1	0	4	3	2	0	0	5	22.40	7.17	29.86	340.00	20.00	3.43	9.60
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	0	1	1	12.20	5.00	20.83	320.00	12.20	2.22	4.80
18	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
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	0	1	2	0	0	3	0	3	1.40	0.83	3.47	30.00	0.80	1.20	3.60
21	0	3	0	4	2	3	2	0	7	10.60	3.50	14.58	110.00	4.60	2.30	6.00
22	0	0	1	1	0	1	0	1	2	1.60	0.83	3.47	50.00	1.40	1.40	2.40
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0	0	1	1	2	0	0	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
26	1	0	0	0	0	0	1	0	1	31.60	1.00	4.17	70.00	31.60	23.70	80.40
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	1	0	0	0	0	1	0	1	2.00	0.33	1.39	30.00	2.00	3.00	9.60
MAX	1	3	1	4	3	3	3	1	7	49.20	7.17	29.86	340.00	49.20	42.17	93.60
TOTAL	3	12	7	21	14	7	16	6	43	196.20	31.83	4.28				

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

Cantidad de Lluvias
Precipitación total (mm)
Duración precipitacion diaria
Duración máxima lluvia aislada (min)
Magnitud máx. lluvia aislada (mm)
Intensidad media máxima (mm/h)
Intensidad máx. en 5 minutos (mm/h)