

Estación: Mundo Nuevo Fecha: Mayo de 2013 Registros: 31 de 31

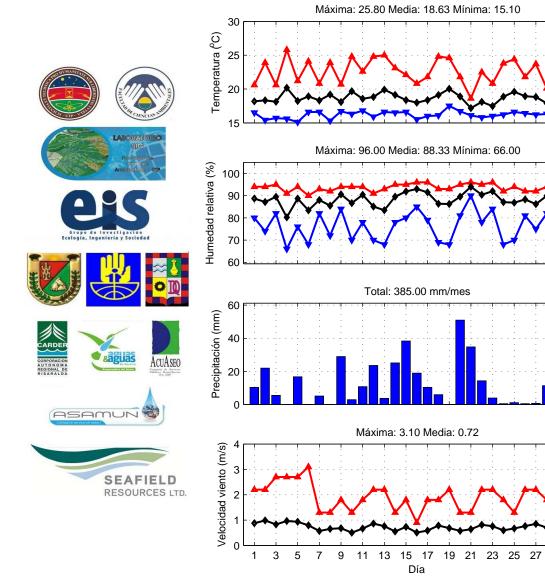
Reporte climatológico mensual

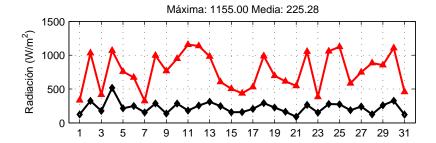
Red Hidroclimatológica del Departamento de Risaralda

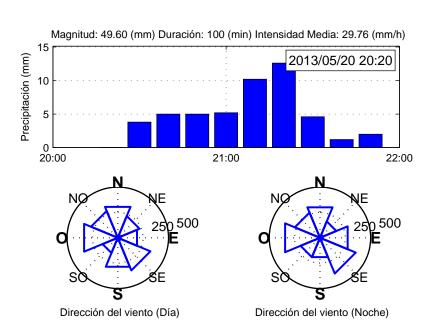
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

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

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







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	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiació	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)		(mm) (W/m		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	20.60	18.18	16.50	2.20	0.88	689.74	88.67	10.40	1.08	334.00	124.21
2	23.90	18.33	15.40	2.20	0.99	685.51	87.13	22.00	2.32	1033.00	324.60
3	20.60	18.11	15.70	2.70	0.83	694.31	89.49	5.60	1.39	416.00	176.70
4	25.80	20.18	15.60	2.70	0.96	700.77	80.24	0.00	4.15	1069.00	516.86
5	21.20	18.23	15.10	2.70	0.93	631.37	88.68	16.80	1.58	759.00	214.42
6	24.10	18.91	16.60	3.10	0.79	628.48	83.40	0.20	2.17	671.00	248.74
7	20.80	18.31	16.60	1.30	0.57	574.60	88.06	5.20	1.25	323.00	153.58
8	23.90	19.19	15.30	1.30	0.65	681.72	85.49	0.00	2.20	997.00	287.21
9	20.70	18.08	16.70	1.80	0.68	622.27	90.61	29.00	1.01	766.00	136.61
10	24.80	19.67	16.30	1.30	0.50	720.68	86.64	3.00	2.24	948.00	285.57
11	22.60	18.56	16.80	1.80	0.67	597.12	90.38	10.80	1.32	1155.00	180.93
12	24.80	18.82	15.90	2.20	0.86	703.09	85.08	23.60	2.22	1138.00	254.88
13	25.00	19.91	16.60	2.20	0.76	670.42	83.46	3.80	2.48	981.00	311.58
14	23.10	19.13	16.50	1.30	0.55	723.93	89.52	25.20	1.74	606.00	247.70
15	22.10	18.36	16.60	1.80	0.73	654.60	91.87	38.40	1.10	504.00	157.49
16	20.80	17.98	15.50	0.90	0.51	641.60	92.98	19.00	1.10	436.00	158.26
17	21.80	18.37	16.00	1.80	0.59	716.97	91.49	10.40	1.41	530.00	205.90
18	24.80	19.11	16.10	1.80	0.78	724.84	86.33	6.00	2.35	988.00	292.28
19	24.60	20.03	17.50	2.20	0.68	707.48	86.24	0.20	1.86	695.00	225.85
20	21.80	18.90	16.70	1.30	0.58	735.20	89.55	51.00	1.22	613.00	163.45
21	18.60	17.18	16.10	1.30	0.64	693.76	94.00	34.80	0.63	546.00	90.04
22	22.50	18.09	15.80	2.20	0.82	677.56	90.39	14.40	1.89	1054.00	265.46
23	20.80	17.47	16.00	2.20	0.76	709.73	91.99	4.00	1.08	383.00	151.04
24	23.80	18.87	16.20	1.80	0.60	715.74	87.09	0.60	2.14	1059.00	278.67
25	24.40	19.59	16.60	1.30	0.67	730.43	86.83	1.20	2.14	1125.00	273.58
26	21.80	18.93	16.40	2.20	0.77	749.19	88.31	0.60	1.51	584.00	186.75
27	23.70	18.83	16.20	2.20	0.85	727.83	86.19	0.80	2.07	748.00	241.00
28	20.10	17.88	16.30	1.80	0.71	745.92	89.94	11.40	0.99	884.00	124.95
29	22.10	18.48	15.10	1.30	0.56	738.81	89.23	7.20	1.81	853.00	258.64
30	23.50	19.03	15.90	1.30	0.55	762.74	86.28	5.80	2.38	1107.00	325.51
31	19.30	16.91	15.40	2.70	0.85	745.53	92.78	23.60	0.88	457.00	121.07
TOTAL								385.00	53.71		
PROM	22.53	18.63	16.13	1.90	0.72	693.61	88.33			766.52	225.28
					1					1	

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por					PT	D	P	DM	MM	IMM	IM5	
Día		inten			3.5.4	jorn			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		` ′	(h)	(%)	` ′			
1	0	1	3	2	0	2	1	3	6	10.40	3.67	15.28	60.00	3.60	3.09	8.40
2	1	0	1	4	1	0	0	4	6	22.00	2.17	9.03	70.00	20.60	15.45	69.60
3	0	1	0	0	1	0	0	0	1	5.60	1.50	6.25	120.00	5.60	2.58	9.60
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	1	1	0	0	2	16.80	2.50	10.42	160.00	16.60	5.86	19.20
6	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	0	1	0	1	0	0	1	1	2	5.20	1.33	5.56	90.00	5.00	3.00	8.40
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	2	1	0	2	0	1	4	0	5	29.00	3.00	12.50	80.00	16.20	10.80	48.00
10	0	0	2	1	3	0	0	0	3	3.00	1.17	4.86	60.00	1.60	1.37	4.80
11	1	1	0	2	1	2	1	0	4	10.80	1.67	6.94	80.00	6.60	4.40	15.60
12	1	0	0	1	0	0	2	0	2	23.60	1.00	4.17	60.00	23.40	20.06	72.00
13	0	1	2	0	0	0	1	2	3	3.80	1.67	6.94	80.00	1.80	1.20	3.60
14	2	1	0	3	3	0	2	1	6	25.20	2.83	11.81	70.00	13.40	10.05	24.00
15	2	1	1	3	0	2	2	3	7	38.40	4.17	17.36	100.00	18.20	9.93	36.00
16	0	1	4	5	4	1	3	2	10	19.00	6.33	26.39	80.00	8.80	5.87	22.80
17	0	1	1	3	3	2	0	0	5	10.40	3.83	15.97	160.00	7.80	2.75	12.00
18	0	1	0	0	0	0	1	0	1	6.00	1.50	6.25	100.00	6.00	3.27	12.00
19	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
20	1	0	1	2	0	0	2	2	4	51.00	2.33	9.72	100.00	49.60	27.05	75.60
21	1	2	0	9	2	4	3	3	12	34.80	6.00	25.00	130.00	22.20	9.51	69.60
22	0	1	3	5	2	1	3	3	9	14.40	6.50	27.08	80.00	5.00	3.33	10.80
23	0	0	3	1	2	0	2	0	4	4.00	1.67	6.94	60.00	2.40	2.06	7.20
24	0	0	1	1	1	0	1	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
25	0	0	1	1	0	1	1	0	2	1.20	0.50	2.08	30.00	1.00	1.50	4.80
26	0	0	1	1	0	0	2	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
27	0	0	1	1	1	0	1	0	2	0.80	0.50	2.08	30.00	0.60	0.90	2.40
28	0	1	3	0	0	1	1	2	4	11.40	3.33	13.89	170.00	5.80	1.93	8.40
29	0	0	1	3	1	1	2	0	4	7.20	3.17	13.19	180.00	6.20	1.96	12.00
30	0	2	1	1	2	0	0	2	4	5.80	1.50	6.25	60.00	3.60	3.09	13.20
31	1	1	2	1	1	0	3	1	5	23.60	5.00	20.83	120.00	17.80	8.22	43.20
MAX	2	2	4	9	4	4	4	4	12	51.00	6.50	27.08	180.00	49.60	27.05	75.60
TOTAL	12	19	32	56	30	19	40	29	119	385.00	69.83	9.39				

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