

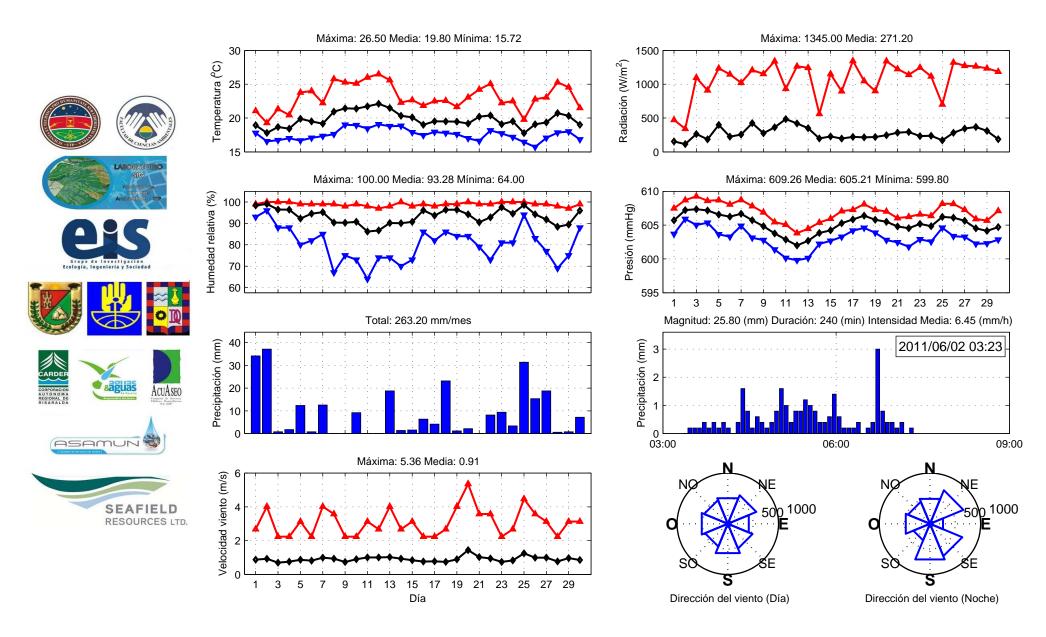
Estación: El Nudo Fecha: Junio de 2011 Registros: 30 de 30 Reporte climatológico mensual

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 ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	21.06	18.93	17.78	2.68	0.88	605.70	98.36	34.20	1.04	473.00	153.14
2	19.28	17.80	16.56	4.02	0.93	607.21	99.03	37.20	0.81	341.00	114.65
3	21.33	18.68	16.72	2.24	0.70	607.35	96.46	0.80	1.98	1097.00	263.95
4	20.44	18.42	17.00	2.24	0.76	607.17	96.40	1.80	1.32	909.00	185.36
5	23.78	19.90	16.67	3.13	0.87	606.56	92.26	12.40	3.00	1234.00	398.23
6	24.00	19.49	17.06	2.24	0.82	606.24	94.52	0.80	1.65	1146.00	224.82
7	22.22	19.17	17.33	4.02	1.00	606.68	95.21	12.60	1.85	1021.00	255.61
8	25.78	20.93	17.61	3.58	0.94	605.73	90.37	0.00	3.40	1208.00	424.23
9	25.28	21.43	19.00	2.24	0.74	604.84	90.29	0.00	2.26	1153.00	274.67
10	25.11	21.38	18.94	2.24	0.90	603.77	90.73	9.20	2.82	1339.00	363.06
11	26.00	21.73	18.44	3.13	1.01	602.87	86.19	0.00	3.89	932.00	483.15
12	26.50	22.10	19.06	2.68	1.01	601.98	86.72	0.00	3.28	1264.00	419.17
13	25.61	21.48	18.78	4.02	1.03	602.68	90.16	18.80	2.77	1243.00	349.01
14	22.28	20.33	18.83	2.68	0.93	603.83	90.09	1.40	1.60	561.00	197.58
15	22.67	20.10	17.89	3.13	0.84	604.22	90.70	1.60	1.78	1151.00	226.76
16	21.83	18.99	17.44	2.24	0.77	605.28	96.09	6.40	1.50	896.00	196.22
17	22.50	19.51	17.94	2.24	0.78	605.84	93.67	4.20	1.68	1345.00	220.97
18	22.56	19.49	17.78	2.68	0.74	606.39	96.35	23.20	1.60	1048.00	214.02
19	21.67	19.46	17.61	4.02	0.90	605.79	96.41	1.20	1.68	900.00	218.91
20	23.06	19.19	17.00	5.36	1.44	605.48	94.23	2.20	1.98	1341.00	246.10
21	24.22	20.19	16.61	3.58	1.03	604.80	90.55	0.00	2.36	1225.00	283.28
22	25.06	20.38	18.17	3.58	0.95	604.54	92.83	8.20	2.36	1139.00	293.94
23	22.22	19.09	17.72	2.24	0.75	605.18	97.56	9.40	1.73	1246.00	231.87
24	22.50	19.50	17.17	2.68	0.83	604.83	94.52	3.40	1.80	1116.00	236.92
25	19.78	17.76	16.44	4.47	1.25	606.21	98.64	31.40	1.27	700.00	170.04
26	22.78	19.07	15.72	3.58	1.00	606.10	94.23	15.40	2.19	1322.00	282.20
27	23.06	19.34	17.06	3.13	1.00	605.63	91.85	18.80	2.69	1273.00	343.77
28	25.28	20.72	17.83	2.24	0.78	604.52	88.41	0.60	3.02	1264.00	367.72
29	24.56	20.31	18.00	3.13	0.97	604.15	89.46	0.80	2.57	1234.00	309.67
30	21.50	19.00	16.83	3.13	0.86	604.71	96.00	7.20	1.37	1185.00	187.02
TOTAL								263.20	63.25		
PROM	23.13	19.80	17.57	3.09	0.91	605.21	93.28			1076.87	271.20
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por			Lluvias por jornada				PT	Б)P	DM	MM	IMM	IM5		
Día		inten							CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)	` ′			
1	3	0	3	0	0	1	1	4	6	34.20	2.67	11.11	100.00	14.40	8.23	52.80
2	0	1	7	0	2	3	2	1	8	37.20	7.67	31.94	240.00	25.80	6.32	36.00
3	0	0	2	0	2	0	0	0	2	0.80	0.33	1.39	35.00	0.60	0.90	2.40
4	0	0	5	1	5	0	1	0	6	1.80	0.67	2.78	20.00	0.60	1.44	4.80
5	1	1	3	0	1	0	1	3	5	12.40	1.25	5.21	35.00	10.20	15.30	31.20
6	0	0	2	1	2	0	1	0	3	0.80	0.33	1.39	30.00	0.40	0.69	2.40
7	0	2	0	0	2	0	0	0	2	12.60	2.08	8.68	120.00	10.40	4.99	14.40
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1	0	0	0	0	0	1	0	1	9.20	0.42	1.74	30.00	9.20	15.77	40.80
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	1	2	1	0	0	0	2	2	4	18.80	2.42	10.07	95.00	13.00	7.80	31.20
14	0	1	0	0	0	0	1	0	1	1.40	0.25	1.04	20.00	1.40	3.36	7.20
15	0	0	2	0	0	0	1	1	2	1.60	0.42	1.74	60.00	1.40	1.29	7.20
16	1	0	0	0	1	0	0	0	1	6.40	0.67	2.78	45.00	6.40	7.68	24.00
17	0	1	2	0	2	0	1	0	3	4.20	0.67	2.78	40.00	3.40	4.53	26.40
18	1	0	0	1	1	0	1	0	2	23.20	1.58	6.60	135.00	22.80	9.77	48.00
19	0	0	3	0	1	0	2	0	3	1.20	0.42	1.74	20.00	0.60	1.44	2.40
20	0	1	1	0	0	0	2	0	2	2.20	0.50	2.08	40.00	2.00	2.67	9.60
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	2	0	0	0	0	0	2	2	8.20	1.17	4.86	65.00	6.00	5.14	19.20
23	0	1	5	0	3	0	3	0	6	9.40	2.58	10.76	115.00	5.60	2.80	9.60
24	0	1	1	0	0	0	1	1	2	3.40	0.42	1.74	45.00	3.20	3.84	26.40
25	1	4	8	2	7	4	2	2	15	31.40	5.33	22.22	50.00	8.80	9.60	33.60
26	1	0	2	0	1	1	0	1	3	15.40	1.00	4.17	50.00	14.80	16.15	48.00
27	2	1	3	0	4	1	1	0	6	18.80	2.00	8.33	60.00	9.60	8.86	45.60
28	0	0	1	0	0	0	1	0	1	0.60	0.17	0.69	15.00	0.60	1.80	4.80
29	0	0	1	0	0	0	1	0	1	0.80	0.17	0.69	30.00	0.80	1.37	7.20
30	0	1	3	0	0	0	2	2	4	7.20	1.17	4.86	70.00	6.60	5.28	12.00
MAX	3	4	8	2	7	4	3	4	15	37.20	7.67	31.94	240.00	25.80	16.15	52.80
TOTAL	12	19	55	5	34	10	28	19	91	263.20	36.33	5.05				

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