

Estación: El Nudo Fecha: Octubre de 2011 Registros: 31 de 31

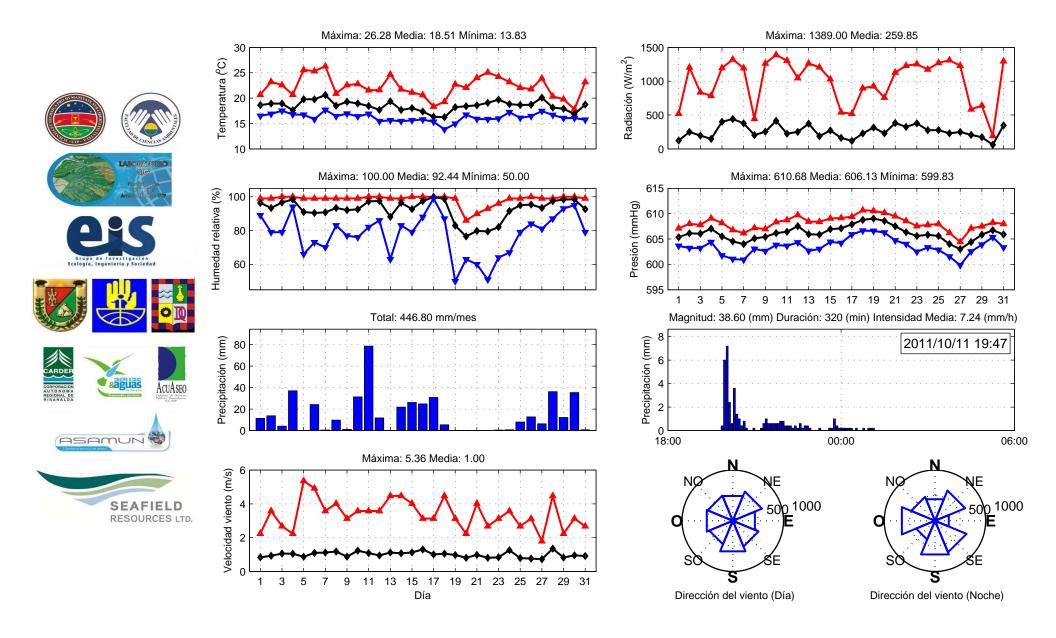
Reporte climatológico mensual

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.

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	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	20.67	18.62	16.50	2.24	0.84	605.36	96.37	11.40	0.86	520.00	121.64
2	23.22	18.93	16.89	3.58	0.93	606.11	93.34	13.80	1.78	1204.00	248.98
3	22.56	18.93	17.50	2.68	1.06	606.06	96.65	4.20	1.50	835.00	196.35
4	20.67	17.61	16.78	2.24	1.05	607.04	98.42	37.00	1.04	784.00	146.32
5	25.56	19.79	16.72	5.36	0.87	605.51	90.99	0.20	3.10	1195.00	400.79
6	25.33	19.77	15.83	4.92	1.10	604.52	90.37	24.20	3.25	1322.00	441.21
7	26.28	20.61	17.67	3.58	1.12	603.99	90.79	0.60	2.90	1194.00	376.92
8	20.89	18.49	16.44	4.02	1.18	605.10	93.34	9.80	1.50	445.00	203.16
9	22.56	19.28	16.94	3.13	0.87	605.41	92.12	1.20	1.91	1262.00	254.58
10	22.78	18.96	16.39	3.58	1.23	606.17	92.53	31.40	2.90	1389.00	412.55
11	21.56	18.45	16.89	3.58	1.09	606.43	97.29	78.60	1.52	1304.00	224.33
12	21.61	17.68	15.44	3.58	0.95	607.55	97.46	11.80	1.68	1046.00	249.87
13	24.67	19.37	15.61	4.47	1.12	605.94	88.05	0.20	2.82	1262.00	372.89
14	21.72	17.65	15.44	4.47	1.07	605.86	96.40	21.80	1.32	1206.00	186.26
15	21.11	18.02	15.61	4.02	1.13	606.94	92.66	26.20	1.98	1030.00	272.66
16	20.61	17.36	15.78	3.13	1.31	607.10	97.49	24.80	1.14	540.00	161.70
17	18.33	16.32	15.33	3.13	1.01	607.89	99.81	30.80	0.81	519.00	118.05
18	19.28	16.23	13.83	4.47	1.05	608.77	98.75	5.40	1.58	896.00	226.81
19	22.72	18.21	14.94	3.13	0.98	609.04	82.98	0.20	2.46	925.00	314.55
20	22.06	18.40	16.72	2.24	0.81	608.57	76.52	0.00	1.98	758.00	228.89
21	24.00	18.57	15.89	4.02	0.98	607.51	79.77	0.00	3.00	1129.00	381.87
22	25.06	19.07	15.83	2.68	0.81	606.34	79.44	0.00	2.64	1230.00	324.22
23	24.22	19.68	15.94	3.13	0.84	605.58	82.05	0.60	3.07	1253.00	377.74
24	23.17	18.82	17.22	3.58	1.26	605.84	91.56	0.80	2.06	1174.00	275.32
25	22.06	18.64	16.11	2.68	0.79	605.58	95.00	8.00	2.08	1271.00	276.27
26	21.78	18.69	16.44	3.13	0.76	604.02	95.40	12.80	1.65	1311.00	229.28
27	23.89	20.09	17.44	1.79	0.72	603.01	93.38	6.40	1.85	1230.00	249.06
28	20.33	18.12	16.67	4.47	1.35	604.41	97.43	36.20	1.40	584.00	206.47
29	19.78	17.92	16.06	2.24	0.82	605.86	98.33	12.20	1.19	640.00	171.06
30	17.78	16.82	16.06	3.13	0.95	606.73	98.46	35.40	0.41	192.00	59.25
31	23.17	18.73	15.72	2.68	0.91	605.91	92.59	0.80	2.49	1296.00	346.30
TOTAL								446.80	59.87		
PROM	22.24	18.51	16.21	3.39	1.00	606.13	92.44			998.26	259.85
										1	

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por			Lluvias por				PT	PT DP		DM	MM	IMM	IM5		
Día	F	inten		LL	MA	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1		M	5		Md 2	2	2	0	(11.40	` ′	` ′	45.00	9.00	10.00	26.40
1	1	0 2		0			$\frac{2}{2}$		6	11.40 13.80	1.58	6.60	45.00 85.00	10.20	10.80	26.40
2	0		0	0	0	0		0	2		1.67	1			6.80	26.40
3	0	1	3	1	1	1	2	1	5	4.20 37.00	1.17	4.86	45.00	2.80	3.36	9.60
4	Ŭ	3	2	1	2	2	2	0	6		6.83	1	315.00	27.80	5.21	40.80
5	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
6	0	1	0	0	1	0	0	0	1	24.20	2.83	11.81	205.00	24.20	6.91	60.00
7	0	0	1	0	0	0	0	1	1	0.60	0.17	0.69	15.00	0.60	1.80	4.80
8	0	0	2	0	2	0	0	0	2	9.80	2.92	12.15	240.00	9.60	2.35	7.20
9	0	0	1	0	0	0	0	1	1	1.20	0.33	1.39	35.00	1.20	1.80	4.80
10	1	1	2	1	4	1	0	0	5	31.40	3.92	16.32	130.00	24.40	10.84	55.20
11	2	1	3	1	1	1	3	2	7	78.60	7.92	32.99	250.00	36.60	8.61	86.40
12	0	0	6	0	2	0	2	2	6	11.80	4.67	19.44	185.00	5.80	1.83	4.80
13	0	0	1	0	0	0	0	1	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
14	1	0	3	2	0	0	4	2	6	21.80	2.00	8.33	95.00	20.00	12.00	69.60
15	0	1	2	0	0	0	0	3	3	26.20	3.33	13.89	240.00	25.80	6.32	21.60
16	0	1	1	0	0	1	0	1	2	24.80	4.50	18.75	300.00	24.60	4.84	16.80
17	0	2	8	1	5	1	2	3	11	30.80	6.75	28.13	260.00	18.80	4.26	12.00
18	0	0	5	1	5	1	0	0	6	5.40	2.08	8.68	120.00	3.60	1.73	4.80
19	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
20	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	1	0	0	0	0	1	1	0.60	0.17	0.69	15.00	0.60	1.80	4.80
24	0	0	4	0	1	0	2	1	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
25	1	0	3	0	3	1	0	0	4	8.00	0.83	3.47	30.00	7.00	12.00	50.40
26	1	0	5	0	4	0	2	0	6	12.80	0.92	3.82	40.00	11.80	15.73	79.20
27	0	2	1	0	2	0	1	0	3	6.40	1.08	4.51	55.00	4.60	4.60	14.40
28	1	1	8	0	2	2	4	2	10	36.20	7.25	30.21	135.00	18.40	7.89	33.60
29	0	2	3	0	1	1	1	2	5	12.20	2.25	9.38	80.00	7.80	5.51	14.40
30	0	2	6	0	3	3	2	0	8	35.40	6.25	26.04	140.00	16.20	6.70	21.60
31	0	0	1	0	0	0	1	0	1	0.80	0.25	1.04	30.00	0.80	1.37	4.80
MAX	2	3	8	2	5	3	4	3	11	78.60	7.92	32.99	315.00	36.60	15.73	86.40
TOTAL	8	20	79	8	43	17	32	23	115	446.80	72.25	9.71				

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)