

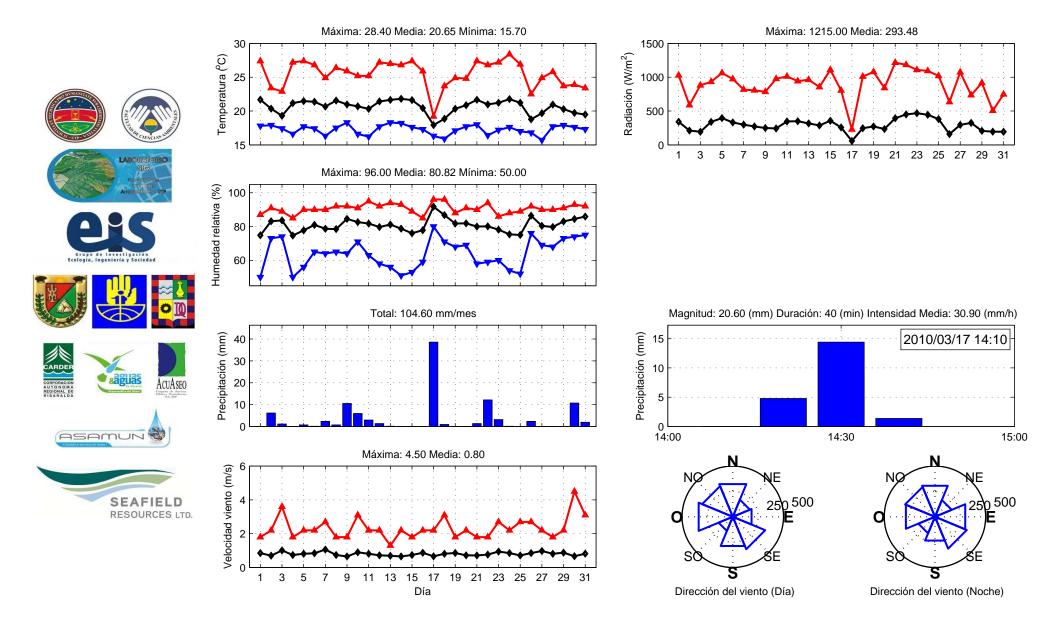
Estación: Mundo Nuevo Fecha: Marzo de 2010 Registros: 31 de 31 Reporte climatológico mensual

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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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m²)	
Dia	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.40	21.68	17.80	1.80	0.85	445.60	74.79	0.00	0.00	1027.00	340.56
2	23.40	20.35	17.90	2.20	0.70	445.60	83.16	6.20	0.00	587.00	210.44
3	22.90	19.30	17.40	3.60	1.01	445.60	83.59	1.20	0.00	879.00	193.75
4	27.20	21.17	16.60	1.80	0.74	445.62	74.69	0.00	0.00	933.00	338.97
5	27.40	21.46	17.70	2.20	0.81	479.41	77.74	0.80	0.00	1062.00	395.77
6	26.80	21.37	17.40	2.20	0.85	548.79	80.97	0.20	0.00	974.00	330.75
7	24.90	20.66	16.30	2.70	1.06	767.50	78.67	2.40	0.00	818.00	298.87
8	26.40	21.55	17.50	1.80	0.74	767.50	78.50	0.80	0.00	806.00	272.49
9	25.90	20.98	18.30	1.80	0.65	767.50	84.56	10.60	0.00	785.00	249.51
10	25.20	20.69	16.60	3.10	0.90	767.50	82.60	6.00	0.00	977.00	242.08
11	25.20	20.32	16.20	2.20	0.81	767.50	81.78	3.00	0.00	1011.00	345.44
12	27.20	21.41	17.70	2.20	0.72	654.83	79.75	1.40	0.00	942.00	348.72
13	27.00	21.64	18.30	1.30	0.69	679.28	81.21	0.20	0.00	962.00	315.95
14	26.80	21.82	18.20	2.20	0.65	552.69	78.74	0.00	0.00	855.00	285.93
15	27.40	21.61	17.60	1.80	0.74	594.68	76.04	0.00	0.00	1109.00	355.36
16	25.90	20.43	17.30	2.20	0.87	705.03	77.84	0.00	0.00	805.00	257.79
17	19.20	17.92	16.30	2.20	0.66	767.50	91.74	38.60	0.00	227.00	56.22
18	23.70	18.85	15.90	3.10	0.81	765.31	86.78	1.00	0.00	1010.00	245.92
19	24.90	20.33	17.10	1.80	0.86	749.76	81.75	0.00	0.00	1079.00	271.60
20	24.80	20.85	17.70	2.20	0.72	751.22	81.92	0.00	0.00	840.00	233.97
21	27.40	21.66	18.00	1.80	0.71	601.27	79.99	1.40	0.00	1215.00	392.96
22	26.80	20.98	16.40	1.80	0.76	455.07	80.10	12.20	0.00	1183.00	448.90
23	27.20	21.21	17.20	2.70	0.95	535.79	78.18	3.20	0.00	1108.00	467.85
24	28.40	21.76	17.60	2.20	0.85	561.22	75.42	0.20	0.00	1094.00	444.33
25	26.90	21.23	17.00	2.70	0.72	559.90	75.00	0.00	0.00	1020.00	380.27
26	22.50	18.77	16.80	2.70	0.85	589.53	86.46	2.40	0.00	633.00	158.09
27	24.90	19.68	15.70	2.20	0.98	553.40	80.42	0.00	0.00	1073.00	295.19
28	25.80	20.95	17.70	1.80	0.81	510.34	79.74	0.00	0.00	735.00	325.28
29	23.70	20.28	17.90	2.20	0.88	445.80	83.00	0.00	0.00	916.00	206.89
30	23.90	19.72	17.60	4.50	0.67	445.80	84.49	10.80	0.00	506.00	195.31
31	23.40	19.48	17.30	3.10	0.82	710.81	85.88	2.00	0.00	747.00	192.79
TOTAL								104.60	0.00		
PROM	25.50	20.65	17.26	2.33	0.80	607.66	80.82			900.58	293.48

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por				Lluvias por jornada				PT	Г)P	DM	MM	IMM	IM5	
Día	F	inten M	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	<u> </u>	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1	0	0	0	0	0	1	0	1	6.20	0.50	2.08	40.00	6.20	7.44	24.00
3	0	0	0	5	0	1	4	0	5	1.20	1.00	4.17	30.00	0.40	0.60	1.20
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	0	3	0	0	2	1	3	0.80	0.67	2.78	40.00	0.40	0.48	1.20
6	0	0	0	1	0	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
7	0	1	0	0	1	0	0	0	1	2.40	0.67	2.78	50.00	2.40	2.40	6.00
8	0	0	1	0	0	0	0	1	1	0.80	0.33	1.39	30.00	0.80	1.20	3.60
9	0	1	0	0	0	0	1	0	1	10.60	1.33	5.56	100.00	10.60	5.78	20.40
10	0	1	0	0	0	0	0	1	1	6.00	1.17	4.86	90.00	6.00	3.60	16.80
11	0	0	1	2	2	0	0	1	3	3.00	1.50	6.25	60.00	2.40	2.06	3.60
12	0	0	1	2	1	0	2	0	3	1.40	0.83	3.47	50.00	1.00	1.00	3.60
13	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	1	4	1	0	5	3	0	8	38.60	5.17	21.53	40.00	20.60	24.72	86.40
18	0	0	1	0	0	0	1	0	1	1.00	0.67	2.78	50.00	1.00	1.00	2.40
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0	0	2	1	0	1	0	2	3	1.40	0.67	2.78	30.00	0.60	0.90	2.40
22	1	1	0	1	2	0	1	0	3	12.20	1.83	7.64	80.00	7.60	5.07	25.20
23	0	1	0	0	0	0	1	0	1	3.20	0.83	3.47	60.00	3.20	2.74	13.20
24	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	3	1	0	3	0	4	2.40	1.17	4.86	50.00	1.60	1.60	4.80
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	1	0	0	0	0	0	1	0	1	10.80	0.83	3.47	70.00	10.80	8.10	22.80
31	0	1	1	0	1	0	0	1	2	2.00	0.50	2.08	20.00	1.40	2.80	8.40
MAX	2	1	4	5	2	5	4	2	8	38.60	5.17	21.53	100.00	20.60	24.72	86.40
TOTAL	5	7	12	21	9	7	21	7	45	104.60	20.17	2.71				

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

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)