

Estación: Mundo Nuevo Fecha: Febrero de 2014 Registros: 28 de 28 Reporte climatológico mensual

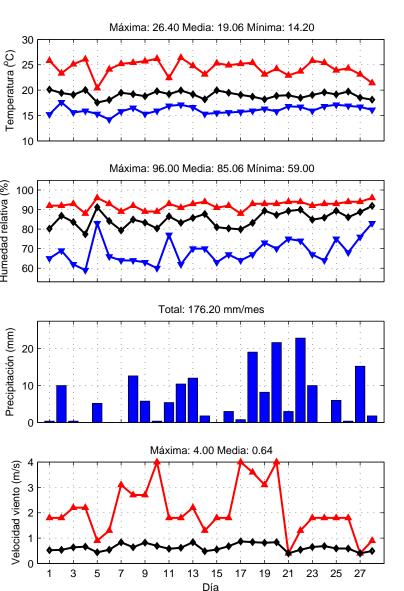
Red Hidroclimatológica del Departamento de Risaralda

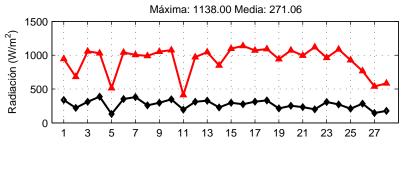
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

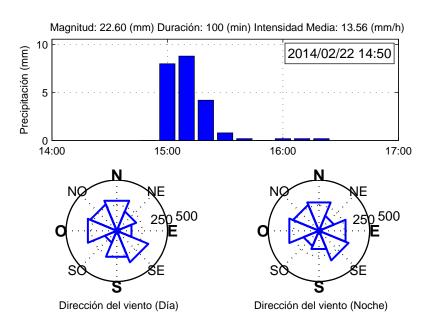
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.

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	Temperatura			Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/1	$n^2$ )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	25.80	20.10	15.20	1.80	0.52	684.84	80.24	0.40	2.74	945.00	337.67
2	23.30	19.43	17.60	1.80	0.54	688.53	86.83	10.00	1.64	681.00	220.87
3	25.10	19.07	15.60	2.20	0.64	685.10	83.61	0.40	2.22	1057.00	311.26
4	26.10	20.03	15.90	2.20	0.66	686.26	77.42	0.00	3.29	1029.00	386.54
5	20.40	17.56	15.30	0.90	0.44	685.96	91.19	5.20	0.96	513.00	130.80
6	24.10	18.07	14.20	1.30	0.54	686.99	84.17	0.00	2.59	1040.00	352.31
7	25.20	19.47	15.80	3.10	0.84	684.92	79.35	0.00	3.16	1005.00	380.56
8	25.40	19.20	16.50	2.70	0.64	687.41	84.90	12.60	1.95	990.00	259.41
9	25.70	18.80	15.30	2.70	0.82	686.07	83.30	5.80	2.44	1053.00	296.21
10	26.20	19.79	15.90	4.00	0.69	686.45	80.38	0.40	2.87	1075.00	347.80
11	22.40	19.22	16.90	1.80	0.58	686.96	86.54	5.40	1.56	411.00	194.31
12	26.40	19.93	17.10	1.80	0.62	688.03	83.26	10.40	2.44	972.00	311.46
13	24.80	19.17	16.60	2.20	0.84	690.41	85.74	12.00	2.37	1046.00	327.36
14	23.10	18.18	15.30	1.30	0.48	690.49	87.72	1.80	1.61	849.00	227.07
15	25.30	19.96	15.50	1.80	0.55	698.17	80.99	0.00	2.39	1096.00	296.61
16	24.90	19.46	15.60	1.80	0.68	693.41	80.37	3.00	2.29	1138.00	275.41
17	25.20	19.06	15.70	4.00	0.87	686.26	79.89	0.80	2.58	1071.00	312.84
18	25.40	18.72	15.90	3.60	0.84	685.06	83.17	19.00	2.47	1091.00	330.73
19	23.10	18.18	16.30	3.10	0.82	687.80	89.37	8.20	1.58	943.00	212.76
20	24.20	18.87	15.80	4.00	0.84	689.34	87.22	21.60	1.88	1072.00	252.44
21	22.90	18.99	16.80	0.40	0.40	691.68	89.26	3.00	1.67	995.00	232.53
22	23.70	18.48	16.70	1.30	0.54	696.17	89.95	22.80	1.46	1119.00	199.24
23	25.80	19.04	15.90	1.80	0.65	694.31	84.85	10.00	2.37	962.00	307.32
24	25.40	19.56	16.80	1.80	0.68	689.52	85.89	0.00	2.09	1086.00	271.36
25	23.90	19.16	17.10	1.80	0.59	699.88	89.37	6.00	1.56	927.00	209.93
26	24.30	19.71	16.90	1.80	0.59	691.77	86.09	0.40	2.04	767.00	283.51
27	23.10	18.51	16.70	0.40	0.40	691.52	88.75	15.20	1.01	538.00	144.58
28	21.40	18.11	16.10	0.90	0.49	700.41	91.90	1.80	1.29	584.00	176.79
TOTAL								176.20	58.52		
PROM	24.38	19.06	16.11	2.08	0.64	689.77	85.06			930.54	271.06
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Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por			CLL	РТ	PT DP		DM (min)	MM (mm)	IMM (mm/h)	IM5 (mm/h)	
Día	intensidad			jornada			(mm)									
	F	M	L	LL	Md	Mñ	T	N		, ,	(h)	(%)	. ,			
1	0	0	0	1	0	0	0	1	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
2	0	1	0	0	0	0	1	0	1	10.00	1.50	6.25	100.00	10.00	5.45	18.00
3	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	40.00	0.40	0.48	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	3	0	1	2	0	0	3	5.20	1.83	7.64	110.00	3.40	1.70	6.00
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	1	0	1	0	0	1	1	2	12.60	2.17	9.03	140.00	12.40	4.96	24.00
9	0	1	1	1	0	0	3	0	3	5.80	1.00	4.17	50.00	5.20	5.20	15.60
10	0	0	0	1	0	0	1	0	1	0.40	0.33	1.39	30.00	0.40	0.60	1.20
11	0	1	0	0	1	0	0	0	1	5.40	1.17	4.86	80.00	5.40	3.60	12.00
12	1	0	0	0	0	0	1	0	1	10.40	0.67	2.78	50.00	10.40	10.40	38.40
13	1	0	1	2	2	0	0	2	4	12.00	1.67	6.94	60.00	10.60	9.09	27.60
14	0	0	1	2	1	1	1	0	3	1.80	1.17	4.86	60.00	1.40	1.20	2.40
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	1	0	1	0	0	0	1	3.00	1.17	4.86	80.00	3.00	2.00	9.60
17	0	0	1	0	0	0	1	0	1	0.80	0.33	1.39	30.00	0.80	1.20	3.60
18	1	0	0	0	0	0	1	0	1	19.00	1.00	4.17	70.00	19.00	14.25	39.60
19	0	2	0	0	1	0	1	0	2	8.20	2.33	9.72	150.00	6.80	2.55	14.40
20	1	0	1	1	0	0	2	1	3	21.60	1.50	6.25	70.00	20.40	15.30	45.60
21	0	0	1	3	2	1	1	0	4	3.00	2.00	8.33	100.00	1.60	0.87	3.60
22	1	0	0	1	1	0	1	0	2	22.80	1.50	6.25	100.00	22.60	12.33	52.80
23	1	0	0	1	0	0	2	0	2	10.00	1.00	4.17	70.00	9.80	7.35	30.00
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	3	1	0	1	2	4	6.00	2.50	10.42	140.00	5.40	2.16	4.80
26	0	0	1	1	1	1	0	0	2	0.40	0.33	1.39	10.00	0.20	0.60	1.20
27	1	0	0	2	0	0	2	1	3	15.20	2.50	10.42	90.00	13.80	8.28	30.00
28	0	0	1	5	2	0	3	1	6	1.80	1.33	5.56	40.00	0.60	0.72	1.20
MAX	1	2	3	5	2	2	3	2	6	22.80	2.50	10.42	150.00	22.60	15.30	52.80
TOTAL	7	6	13	26	14	5	24	9	52	176.20	29.67	4.41				

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  (mm/h) > 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