

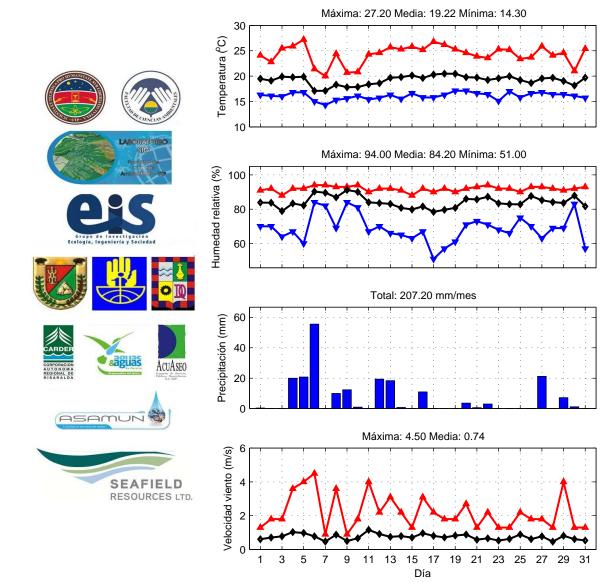
Estación: Mundo Nuevo Fecha: Enero de 2014 Registros: 31 de 31 Reporte climatológico mensual

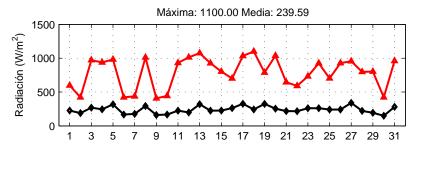
Red Hidroclimatológica del Departamento de Risaralda

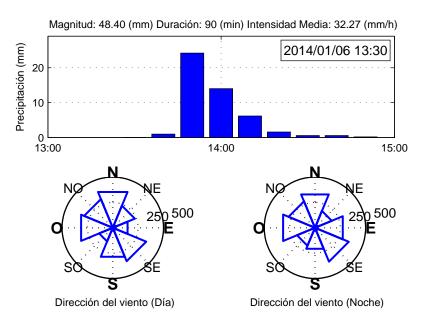
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

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

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







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Reporte climatológico mensual

Red Hidroclimatológica del Departamento de Risaralda

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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	24.10	19.48	16.30	1.30	0.61	685.02	83.88	0.40	1.76	598.00	226.25
2	22.80	19.11	16.10	1.80	0.70	687.03	83.74	0.00	1.53	422.00	188.60
3	25.50	19.90	16.00	1.80	0.78	685.22	78.89	0.00	2.54	972.00	268.41
4	25.90	19.78	16.80	3.60	1.03	685.26	83.36	20.00	2.08	938.00	243.91
5	27.20	19.87	16.80	4.00	0.98	685.80	82.17	20.80	2.52	981.00	318.48
6	21.40	17.09	15.00	4.50	0.78	684.17	90.31	55.60	0.95	422.00	166.09
7	20.00	17.10	14.30	0.90	0.47	706.23	89.53	0.00	1.23	437.00	176.66
8	24.40	18.31	15.30	3.60	0.88	691.62	86.90	10.00	2.13	1012.00	292.68
9	20.70	17.80	15.60	0.90	0.50	684.19	91.20	12.40	1.10	406.00	160.81
10	20.80	17.85	16.10	1.80	0.66	683.66	90.11	1.00	1.17	442.00	166.10
11	24.30	18.37	15.40	4.00	1.16	684.78	84.00	0.20	1.91	930.00	225.01
12	24.60	18.60	15.70	2.20	0.92	684.38	83.56	19.40	1.93	1013.00	197.97
13	25.70	19.68	16.30	3.10	0.75	684.12	83.12	18.40	2.51	1076.00	319.31
14	25.30	19.80	15.50	2.20	0.79	684.64	80.74	0.80	2.13	925.00	224.27
15	25.80	20.14	16.60	1.30	0.70	684.70	79.88	0.00	2.11	802.00	226.00
16	25.20	19.64	15.80	3.10	0.96	685.31	81.58	11.00	2.42	701.00	261.82
17	26.80	20.31	15.80	2.20	0.80	685.03	78.44	0.20	2.81	1035.00	326.62
18	26.20	20.49	16.30	1.80	0.71	685.94	79.65	0.00	2.10	1100.00	242.14
19	25.30	20.46	17.10	1.80	0.83	686.64	80.77	0.00	2.67	788.00	325.24
20	24.60	19.78	17.10	2.70	0.89	686.98	85.97	3.60	1.86	1037.00	254.51
21	23.90	19.71	16.60	1.30	0.58	685.90	85.70	0.60	1.59	645.00	217.96
22	23.60	19.22	16.40	2.20	0.66	686.34	87.25	3.00	1.69	591.00	216.23
23	25.30	19.56	15.10	1.30	0.53	684.76	83.41	0.00	2.01	732.00	259.65
24	25.20	19.98	17.00	1.30	0.63	687.40	82.88	0.00	2.01	925.00	260.50
25	23.40	19.22	15.80	2.20	0.89	685.58	82.82	0.00	2.09	703.00	240.60
26	23.70	18.65	16.60	1.80	0.62	685.34	87.71	0.20	1.72	927.00	240.48
27	25.90	19.55	16.80	1.80	0.78	687.57	85.22	21.20	2.49	956.00	338.93
28	24.10	19.66	16.40	1.30	0.46	687.26	84.13	0.00	1.74	798.00	220.38
29	24.60	19.04	16.40	4.00	0.81	689.07	83.60	7.20	1.63	803.00	192.40
30	21.00	18.14	16.10	1.30	0.62	685.86	87.90	1.20	1.10	422.00	148.96
31	25.40	19.70	15.70	1.30	0.54	684.93	81.69	0.00	2.20	960.00	280.18
TOTAL								207.20	59.73		
PROM	24.28	19.22	16.09	2.21	0.74	686.47	84.20			790.29	239.59

Cuadro 1: Resúmen de análisis climatológico

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		Lluvia	as por			Lluvia				PT	D	nD	DM	MM	IMM	IM5
Día		inten	sidad			jorn	ada		CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(111111)	(111111)	(11111/11)	(11111/11)
1	0	0	1	0	0	0	1	0	1	0.40	0.17	0.69	20.00	0.40	0.80	2.40
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1	0	0	0	0	0	1	0	1	20.00	0.50	2.08	40.00	20.00	24.00	64.80
5	1	1	0	0	0	0	1	1	2	20.80	2.17	9.03	120.00	19.40	8.95	54.00
6	1	1	0	1	0	1	2	0	3	55.60	3.67	15.28	90.00	48.40	29.04	145.20
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	0	0	0	1	0	1	10.00	1.50	6.25	100.00	10.00	5.45	19.20
9	0	3	0	4	1	2	1	3	7	12.40	3.50	14.58	50.00	4.40	4.40	12.00
10	0	0	1	3	3	1	0	0	4	1.00	0.67	2.78	20.00	0.40	0.80	2.40
11	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
12	1	0	0	1	0	0	2	0	2	19.40	1.50	6.25	90.00	19.20	11.52	30.00
13	1	0	0	0	0	0	1	0	1	18.40	0.67	2.78	50.00	18.40	18.40	55.20
14	0	0	1	1	0	0	2	0	2	0.80	0.50	2.08	30.00	0.60	0.90	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	1	0	0	0	0	0	1	0	1	11.00	0.83	3.47	60.00	11.00	9.43	32.40
17	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	1	0	1	3.60	1.00	4.17	70.00	3.60	2.70	10.80
21	0	0	1	1	1	0	1	0	2	0.60	0.33	1.39	20.00	0.40	0.80	2.40
22	0	0	2	3	3	0	2	0	5	3.00	1.67	6.94	50.00	1.40	1.40	3.60
23	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
27	1	1	0	0	0	0	1	1	2	21.20	1.00	4.17	50.00	18.20	18.20	55.20
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	1	0	0	0	0	0	1	0	1	7.20	0.67	2.78	50.00	7.20	7.20	26.40
30	0	0	0	2	0	0	2	0	2	1.20	1.00	4.17	80.00	1.00	0.67	1.20
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	3	2	4	3	2	2	3	7	55.60	3.67	15.28	120.00	48.40	29.04	145.20
TOTAL	8	8	6	19	8	5	23	5	41	207.20	21.83	2.93				

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)
DM MM IMM	Duración máxima lluvia aislada (min) Magnitud máx. lluvia aislada (mm) Intensidad media máxima (mm/h)