

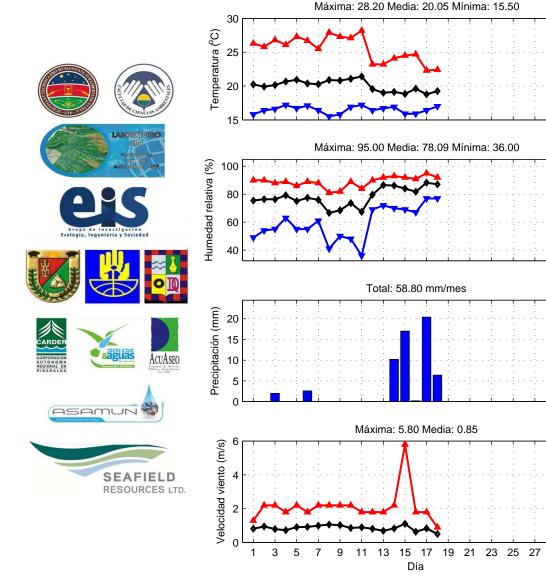
Estación: Mundo Nuevo Fecha: Enero de 2013 Registros: 18 de 31 Reporte climatológico mensual

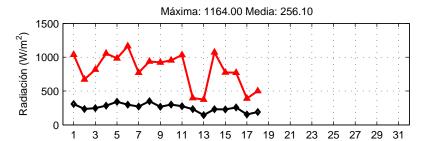
Red Hidroclimatológica del Departamento de Risaralda

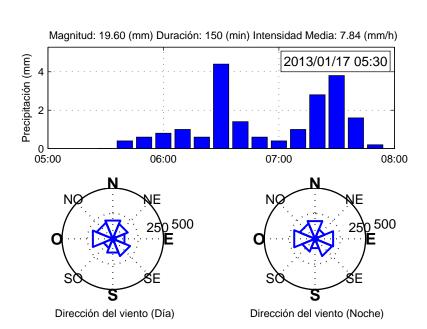
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH

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

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







Estación: Mundo Nuevo Fecha: Enero de 2013 Registros: 18 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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Máx Media Mín Máx Media Media Media Total Total Máx Media 1		Temperatura		ra		Viento	Presión	Humedad	Precipitación	Evap	Radiació	
1	Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	` '			
2 25.80 19.91 16.40 2.20 0.95 684.68 76.39 0.00 2.20 671.00 234.1 3 26.80 20.16 16.60 2.20 0.79 684.57 76.36 2.00 2.27 818.00 247.7 4 26.10 20.65 17.20 1.80 0.73 684.84 79.22 0.00 2.33 1056.00 283.4 5 27.30 20.92 16.70 2.20 0.91 685.03 75.09 0.00 3.01 983.00 341.3 6 26.70 20.39 17.10 1.80 0.93 685.12 77.44 2.60 2.60 1164.00 298.7 7 25.50 20.27 16.40 2.20 1.06 684.72 75.94 0.00 2.47 772.00 20.83 8 27.90 20.80 15.80 2.20 1.06 684.95 66.44 0.00 2.64 922.00 267.1 <t< td=""><td></td><td>Máx</td><td>Media</td><td>Mín</td><td>Máx</td><td>Media</td><td>Media</td><td>Media</td><td>Total</td><td>Total</td><td>Máx</td><td>Media</td></t<>		Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
3 26.80 20.16 16.60 2.20 0.79 684.57 76.36 2.00 2.27 818.00 247.7 4 26.10 20.65 17.20 1.80 0.73 684.84 79.22 0.00 2.33 1056.00 283.4 5 27.30 20.92 16.70 2.20 0.91 685.03 75.09 0.00 3.01 983.00 341.3 6 26.70 20.39 17.10 1.80 0.93 685.12 77.44 2.60 2.60 1164.00 298.7 7 25.50 20.27 16.40 2.20 1.00 684.72 75.94 0.00 2.47 772.00 269.8 8 27.90 20.80 15.50 2.20 1.03 684.93 68.47 0.00 2.47 772.00 269.8 8 27.90 20.80 15.80 2.20 1.06 684.93 68.47 0.00 2.64 922.00 267.1 1.02	1	26.30	20.23	15.80	1.30	0.81	684.57	75.44	0.00	2.68	1037.00	308.17
4 26.10 20.65 17.20 1.80 0.73 684.84 79.22 0.00 2.33 1056.00 283.4 5 27.30 20.92 16.70 2.20 0.91 685.03 75.09 0.00 3.01 983.00 341.3 6 26.70 20.39 17.10 1.80 0.93 685.12 77.44 2.60 2.60 1164.00 298.7 7 25.50 20.27 16.40 2.20 1.00 684.72 75.94 0.00 2.47 772.00 298.8 8 27.90 20.89 15.50 2.20 1.06 684.65 66.64 0.00 2.47 772.00 298.8 9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 <	2	25.80	19.91	16.40	2.20	0.95	684.68	76.39	0.00	2.20	671.00	234.10
5 27.30 20.92 16.70 2.20 0.91 685.03 75.09 0.00 3.01 983.00 341.3 6 26.70 20.39 17.10 1.80 0.93 685.12 77.44 2.60 2.60 1164.00 298.7 7 25.50 20.27 16.40 2.20 1.00 684.72 75.94 0.00 2.47 772.00 269.8 8 27.90 20.89 15.50 2.20 1.06 684.65 66.64 0.00 3.34 937.00 348.5 9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.67 953.00 300.1 313	3	26.80	20.16	16.60	2.20	0.79	684.57	76.36	2.00		818.00	247.75
6 26.70 20.39 17.10 1.80 0.93 685.12 77.44 2.60 2.60 1164.00 298.7 7 25.50 20.27 16.40 2.20 1.00 684.72 75.94 0.00 2.47 772.00 269.8 8 27.90 20.89 15.50 2.20 1.06 684.65 66.64 0.00 3.34 937.00 348.5 9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.73 1033.00 275.9 12 23.20 19.54 16.40 1.80 0.81 684.88 79.70 0.00 1.13 374.00 143.8	4	26.10	20.65	17.20	1.80	0.73	684.84	79.22	0.00	2.33	1056.00	283.49
7 25.50 20.27 16.40 2.20 1.00 684.72 75.94 0.00 2.47 772.00 269.8 8 27.90 20.89 15.50 2.20 1.06 684.65 66.64 0.00 3.34 937.00 348.5 9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.73 1033.00 275.9 12 23.20 19.54 16.40 1.80 0.61 684.88 79.70 0.00 1.99 396.00 233.0 13 23.20 19.00 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 143.8	5	27.30	20.92	16.70		0.91		75.09	0.00		983.00	341.30
8 27.90 20.89 15.50 2.20 1.06 684.65 66.64 0.00 3.34 937.00 348.5 9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.73 1033.00 275.9 12 23.20 19.54 16.40 1.80 0.69 684.28 79.70 0.00 1.99 396.00 233.0 13 23.20 19.01 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 143.8 14 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 <td>6</td> <td>26.70</td> <td>20.39</td> <td>17.10</td> <td></td> <td>0.93</td> <td>685.12</td> <td></td> <td>2.60</td> <td></td> <td>1164.00</td> <td>298.73</td>	6	26.70	20.39	17.10		0.93	685.12		2.60		1164.00	298.73
9 27.30 20.80 15.80 2.20 1.03 684.93 68.47 0.00 2.64 922.00 267.1 10 27.10 21.07 16.90 2.20 0.86 685.09 73.64 0.00 2.67 953.00 300.1 11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.73 1033.00 275.9 12 23.20 19.54 16.40 1.80 0.69 684.20 86.55 0.00 1.99 396.00 233.0 13 23.20 19.00 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 137 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 18 22.40	7	25.50	20.27	16.40	2.20	1.00	684.72	75.94	0.00	2.47	772.00	269.89
10	8	27.90	20.89	15.50	2.20	1.06	684.65	66.64	0.00	3.34	937.00	348.56
11 28.20 21.41 17.20 1.80 0.90 685.19 67.36 0.00 2.73 1033.00 275.9 12 23.20 19.54 16.40 1.80 0.81 684.88 79.70 0.00 1.99 396.00 233.0 13 23.20 19.00 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 143.8 14 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8	9	27.30	20.80	15.80	2.20	1.03	684.93	68.47	0.00	2.64	922.00	267.17
12 23.20 19.54 16.40 1.80 0.81 684.88 79.70 0.00 1.99 396.00 233.00 13 23.20 19.00 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 143.8 14 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1	10	27.10	21.07	16.90	2.20	0.86	685.09	73.64	0.00		953.00	300.13
13 23.20 19.00 16.70 1.80 0.69 684.20 86.55 0.00 1.13 374.00 143.8 14 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 20 23 24 25 26 27 28 29 30 31 30 30 30 30 <td< td=""><td></td><td>28.20</td><td></td><td>17.20</td><td>1.80</td><td>0.90</td><td>685.19</td><td></td><td>0.00</td><td></td><td>1033.00</td><td>275.92</td></td<>		28.20		17.20	1.80	0.90	685.19		0.00		1033.00	275.92
14 24.10 19.12 16.90 2.20 0.83 684.07 86.18 10.20 1.78 1072.00 230.0 15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 20 21 22 23 24 25 26 27 28 29 30 31 30 30 31 40.36 40.36 40.36 40.36		23.20	19.54		1.80	0.81	684.88		0.00		396.00	233.06
15 24.50 18.84 15.90 5.80 1.11 683.93 84.08 17.00 1.90 774.00 228.2 16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 20 21 22 23 24 25 26 27 28 29 30 30 31 30 31 58.80 40.36 40.36	13	23.20	19.00	16.70		0.69	684.20		0.00		374.00	143.82
16 24.70 19.61 15.90 1.80 0.63 683.94 81.76 0.20 2.10 771.00 256.5 17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 19 20 21 22 23 24 25 26 27 28 29 30 31 30 31 58.80 40.36 40.36						0.83						230.04
17 22.30 18.77 16.40 1.80 0.83 684.33 88.28 20.40 1.11 390.00 153.8 18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 19 20 21 22 23 24 22 23 24 25 26 27 28 29 30 31 31 58.80 40.36 40.36 40.36	15	24.50	18.84	15.90	5.80	1.11	683.93		17.00	1.90	774.00	228.20
18 22.40 19.25 17.00 0.90 0.50 684.13 87.09 6.40 1.41 500.00 189.1 19 20 21 22 22 22 22 22 23 24 25 26 27 28 29 30 31 31 58.80 40.36 40.36 40.36									0.20	2.10		256.56
19		22.30		16.40	1.80	0.83	684.33	88.28	20.40			153.83
20 21 22 23 24 25 26 27 28 29 30 31 TOTAL 58.80 40.36		22.40	19.25	17.00	0.90	0.50	684.13	87.09	6.40	1.41	500.00	189.16
21 22 23 24 25 26 27 28 29 30 31 TOTAL 58.80 40.36												
22 23 24 25 26 27 28 29 30 31 TOTAL 58.80 40.36												
23 24 25 26 27 28 29 30 31 TOTAL 58.80 40.36												
24 25 26 27 28 29 30 31 TOTAL 58.80 40.36												
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31 58.80 40.36												
TOTAL 58.80 40.36												
	31											
	TOTAL								58.80	40.36		
PKUNI 25.52 20.05 10.49 2.12 0.85 084.00 /8.09 812.39 256.1	PROM	25.52	20.05	16.49	2.12	0.85	684.60	78.09			812.39	256.10

Cuadro 1: Resúmen de análisis climatológico

Estación: Mundo Nuevo Fecha: Enero de 2013 Registros: 18 de 31

Reporte climatológico mensual

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D/:				vias por rnada			PT	I)P	DM	MM	IMM	IM5			
Día	F	ınten	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	1	0	1	2.00	0.00	1.39	30.00	2.00	3.00	9.60
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	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	1	0	0	0	0	1	0	1	2.60	0.33	1.39	30.00	2.60	3.90	12.00
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	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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0	2	0	0	1	0	1	0	2	10.20	1.83	7.64	70.00	5.40	4.05	24.00
15	1	0	0	1	0	1	1	0	2	17.00	1.17	4.86	70.00	16.80	12.60	51.60
16	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
17	1	0	0	2	1	2	0	0	3	20.40	3.00	12.50	150.00	19.60	7.35	26.40
18	0	1	0	0	0	0	1	0	1	6.40	1.00	4.17	70.00	6.40	4.80	21.60
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
MAX	1	2	0	2	1	2	1	0	3	20.40	3.00	12.50	150.00	19.60	12.60	51.60
TOTAL	2	5	0	4	2	4	5	0	11	58.80	7.83	1.05				

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)