

Estación: Mundo Nuevo Fecha: Julio de 2008 Registros: 31 de 31

Reporte climatológico mensual

Red Hidroclimatológica del Departamento de Risaralda

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

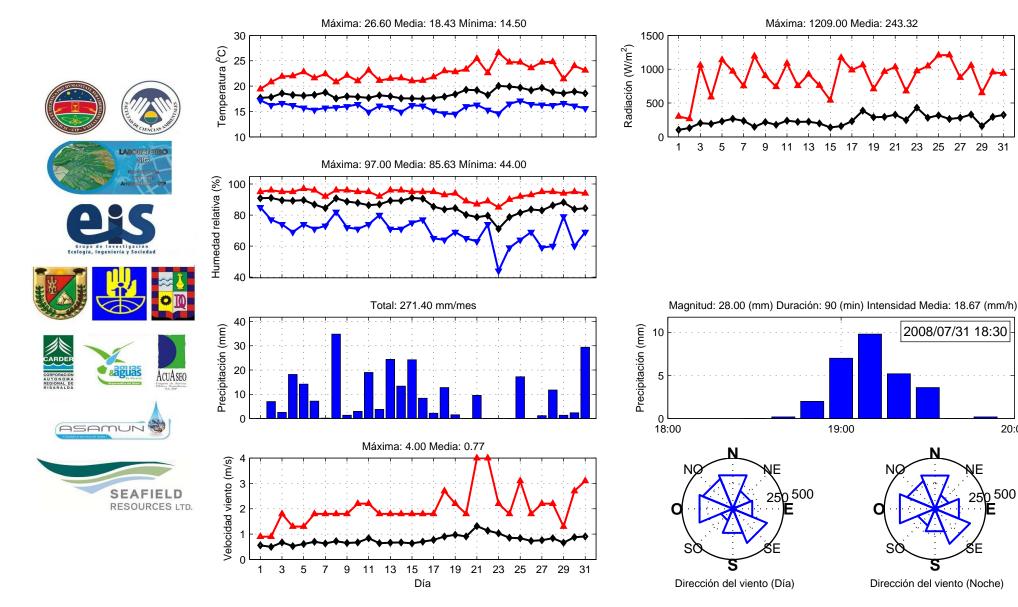
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.

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



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Día         Máx           1         19.40           2         20.80           3         21.90           4         22.00           5         22.80           6         21.60           7         22.40           8         20.80           9         22.10           10         21.00           11         23.10           12         21.10           13         21.50           14         21.60           15         21.00           16         21.10	(°C) Media 17.69 17.82 18.57 18.24 18.11 18.26 17.56 17.56 17.99 17.87	Mín 17.20 16.20 16.60 16.20 15.70 15.30 15.70 15.80 16.00	Máx 0.90 0.90 1.80 1.30 1.30 1.80	Media  0.56  0.50  0.67  0.53  0.61  0.70	(mmHg) Media 758.17 758.84 759.26 759.21 759.21	(%) Media 90.86 91.07 89.49 89.19 89.65	(mm) Total 0.00 7.00 2.60 18.20	(mm) Total 0.00 0.00 0.00 0.00	(W/r Máx 302.00 265.00 1057.00 587.00	Media 103.00 130.74 203.15
1     19.40       2     20.80       3     21.90       4     22.00       5     22.80       6     21.60       7     22.40       8     20.80       9     22.10       10     21.00       11     23.10       12     21.10       13     21.50       14     21.60       15     21.00       16     21.10	17.69 17.82 18.57 18.24 18.11 18.26 18.76 17.56 17.99 17.87	17.20 16.20 16.60 16.20 15.70 15.30 15.70 15.80	0.90 0.90 1.80 1.30 1.30 1.80	0.56 0.50 0.67 0.53 0.61 0.70	758.17 758.84 759.26 759.21 759.21	90.86 91.07 89.49 89.19	0.00 7.00 2.60	0.00 0.00 0.00	302.00 265.00 1057.00	103.00 130.74 203.15
2 20.80 3 21.90 4 22.00 5 22.80 6 21.60 7 22.40 8 20.80 9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	17.82 18.57 18.24 18.11 18.26 18.76 17.56 17.99 17.87	16.20 16.60 16.20 15.70 15.30 15.70 15.80	0.90 1.80 1.30 1.30 1.80 1.80	0.50 0.67 0.53 0.61 0.70	758.84 759.26 759.21 759.21	91.07 89.49 89.19	7.00 2.60	0.00	265.00 1057.00	130.74 203.15
3     21.90       4     22.00       5     22.80       6     21.60       7     22.40       8     20.80       9     22.10       10     21.00       11     23.10       12     21.10       13     21.50       14     21.60       15     21.00       16     21.10	18.57 18.24 18.11 18.26 18.76 17.56 17.99 17.87	16.60 16.20 15.70 15.30 15.70 15.80	1.80 1.30 1.30 1.80	0.67 0.53 0.61 0.70	759.26 759.21 759.21	89.49 89.19	2.60	0.00	1057.00	203.15
4     22.00       5     22.80       6     21.60       7     22.40       8     20.80       9     22.10       10     21.00       11     23.10       12     21.10       13     21.50       14     21.60       15     21.00       16     21.10	18.24 18.11 18.26 18.76 17.56 17.99 17.87	16.20 15.70 15.30 15.70 15.80	1.30 1.30 1.80 1.80	0.53 0.61 0.70	759.21 759.21	89.19				
5 22.80 6 21.60 7 22.40 8 20.80 9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	18.11 18.26 18.76 17.56 17.99 17.87	15.70 15.30 15.70 15.80	1.30 1.80 1.80	0.61 0.70	759.21		18.20	0.00	587.00	100.00
6 21.60 7 22.40 8 20.80 9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	18.26 18.76 17.56 17.99 17.87	15.30 15.70 15.80	1.80 1.80	0.70		90.65			507.00	190.89
7 22.40 8 20.80 9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	18.76 17.56 17.99 17.87	15.70 15.80	1.80			89.03	14.20	0.00	1137.00	229.81
8 20.80 9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	17.56 17.99 17.87	15.80			758.72	86.74	7.20	0.00	968.00	266.33
9 22.10 10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	17.99 17.87			0.63	758.09	84.47	0.20	0.00	752.00	235.47
10 21.00 11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	17.87	16.00	1.80	0.72	757.83	90.76	34.80	0.00	1194.00	149.10
11 23.10 12 21.10 13 21.50 14 21.60 15 21.00 16 21.10		10.00	1.80	0.65	758.71	88.71	1.40	0.00	903.00	218.20
12 21.10 13 21.50 14 21.60 15 21.00 16 21.10	17.67	16.40	2.20	0.67	759.23	87.83	3.00	0.00	740.00	178.75
13 21.50 14 21.60 15 21.00 16 21.10	17.67	14.90	2.20	0.84	759.89	86.35	19.00	0.00	1085.00	238.64
14 21.60 15 21.00 16 21.10	18.19	16.10	1.80	0.64	759.76	86.91	3.80	0.00	755.00	220.30
15 21.00 16 21.10	17.97	15.80	1.80	0.66	758.81	89.31	24.40	0.00	926.00	223.64
16 21.10	17.60	14.90	1.80	0.67	758.55	89.28	13.40	0.00	758.00	198.00
	17.57	16.20	1.80	0.64	759.12	91.09	24.20	0.00	539.00	139.39
17 01 00	17.49	16.10	1.80	0.70	759.68	90.54	8.40	0.00	1171.00	159.11
17 21.80	17.63	15.10	1.80	0.77	759.72	85.39	2.20	0.00	986.00	230.56
18 23.00	17.93	14.60	2.70	0.90	758.63	83.61	12.80	0.00	1062.00	386.23
19 22.80	18.40	14.50	2.20	0.97	757.87	84.47	1.60	0.00	707.00	289.18
20 23.30	19.28	16.00	1.80	0.91	757.73	80.22	0.00	0.00	965.00	295.61
21 25.40	19.18	16.30	4.00	1.32	757.17	78.71	9.60	0.00	1032.00	327.77
22 22.60	18.26	15.30	4.00	1.14	757.73	79.58	0.00	0.00	676.00	246.73
23 26.60	20.05	14.60	2.20	1.03	757.32	71.10	0.00	0.00	973.00	432.05
24 24.70	19.91	16.50	1.80	0.86	756.76	78.71	0.00	0.00	1045.00	281.45
25 24.70	19.70	17.10	3.10	0.84	757.00	81.45	17.20	0.00	1206.00	317.37
26 23.60	19.17	16.40	1.80	0.73	757.49	83.63	0.00	0.00	1209.00	263.30
27 24.70	19.67	16.30	2.20	0.76	757.14	82.99	1.20	0.00	876.00	281.88
28 24.80	18.83	16.20	2.20	0.84	757.95	86.19	11.80	0.00	1055.00	328.91
29 21.40	18.57	16.60	1.30	0.67	758.52	88.17	1.40	0.00	650.00	157.92
30 24.00	18.92	16.10	2.70	0.88	758.43	83.79	2.40	0.00	957.00	294.90
31 23.10	18.57	15.60	3.10	0.91	757.84	84.41	29.40	0.00	935.00	324.66
TOTAL							271.40	0.00		
PROM 22.60	18.43	15.88	2.05	0.77	758.40	85.63			886.23	243.32

Cuadro 1: Resúmen de análisis climatológico

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D.			uvias por Lluvias por ttensidad jornada				a	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	0	1	2	3	2	2	1	1	6	7.00	2.83	11.81	90.00	3.20	1.92	6.00
3	0	0	3	3	0	0	4	2	6	2.60	1.67	6.94	30.00	0.60	0.90	2.40
4	1	0	1	2	0	0	3	1	4	18.20	2.33	9.72	110.00	17.00	8.50	33.60
5	0	2	1	1	2	2	0	0	4	14.20	3.33	13.89	90.00	9.00	5.40	12.00
6	0	1	0	1	1	0	1	0	2	7.20	2.00	8.33	120.00	7.00	3.23	10.80
7	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
8	2	2	0	1	2	0	3	0	5	34.80	4.17	17.36	100.00	19.40	10.58	81.60
9	0	0	0	5	3	1	1	0	5	1.40	1.17	4.86	30.00	0.40	0.60	1.20
10	0	0	2	2	1	1	2	0	4	3.00	1.83	7.64	80.00	1.40	0.93	2.40
11	1	0	1	0	0	0	2	0	2	19.00	2.17	9.03	90.00	16.60	9.96	34.80
12	0	0	2	3	0	0	4	1	5	3.80	1.83	7.64	50.00	1.80	1.80	7.20
13	1	0	1	2	2	0	2	0	4	24.40	3.67	15.28	170.00	22.60	7.53	30.00
14	0	2	2	0	1	2	0	1	4	13.40	3.50	14.58	80.00	4.60	3.07	12.00
15	1	2	0	1	1	0	2	1	4	24.20	2.83	11.81	110.00	19.20	9.60	54.00
16	0	1	3	0	0	0	4	0	4	8.40	1.83	7.64	40.00	4.60	5.52	16.80
17	0	0	1	3	0	0	2	2	4	2.20	1.00	4.17	40.00	1.60	1.92	3.60
18	0	2	1	3	4	0	1	1	6	12.80	3.33	13.89	60.00	5.40	4.63	15.60
19	0	0	1	4	4	0	1	0	5	1.60	1.00	4.17	30.00	0.80	1.20	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	1	0	0	0	0	1	0	1	9.60	1.17	4.86	80.00	9.60	6.40	16.80
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	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	1	0	0	0	0	0	1	0	1	17.20	0.50	2.08	40.00	17.20	20.64	66.00
26	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	1	2	0	0	1	2	3	1.20	0.67	2.78	30.00	0.80	1.20	2.40
28	0	1	0	2	0	1	2	0	3	11.80	2.33	9.72	120.00	10.80	4.98	20.40
29	0	0	2	1	1	1	1	0	3	1.40	0.83	3.47	40.00	0.60	0.72	1.20
30	0	0	2	2	2	1	1	0	4	2.40	1.33	5.56	40.00	1.00	1.20	2.40
31	1	0	0	3	3	0	0	1	4	29.40	2.17	9.03	90.00	28.00	16.80	58.80
MAX	2	2	3	5	4	2	4	2	6	34.80	4.17	17.36	170.00	28.00	20.64	81.60
TOTAL	8	15	26	45	29	11	41	13	94	271.40	49.67	6.68				

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)