

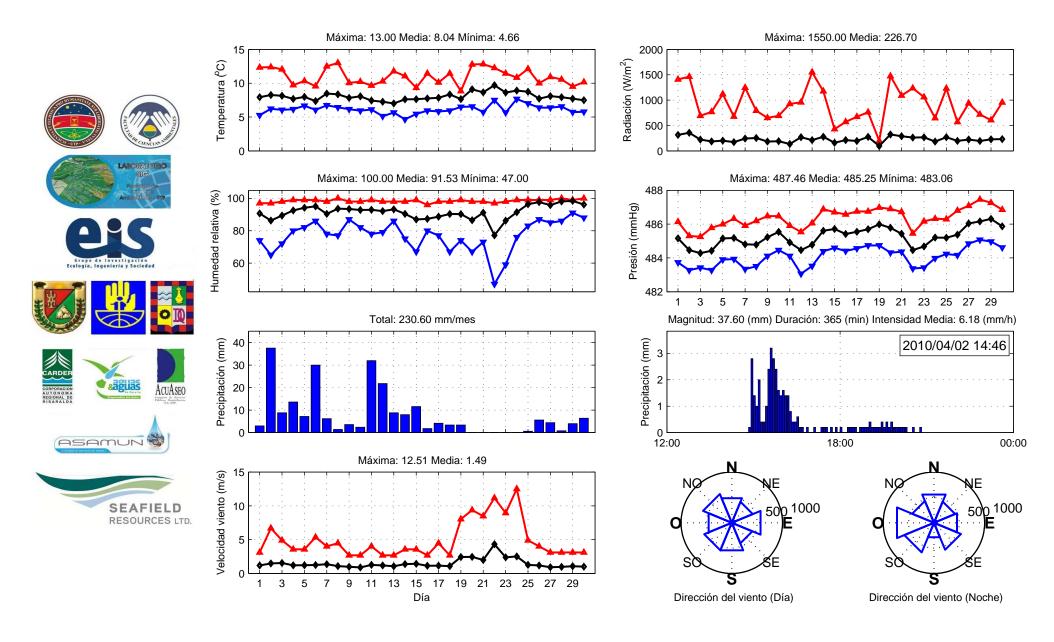
Estación: Cortaderal Fecha: Abril de 2010 Registros: 30 de 30 Reporte climatológico mensual

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: Cortaderal Fecha: Abril de 2010 Registros: 30 de 30

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: www.utp.edu.co/hidroclimatologica

	Temperatura		Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiació		
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	12.33	7.92	5.27	3.12	1.19	485.16	90.67	3.00	1.84	1408.00	313.26
2	12.38	8.25	6.22	6.70	1.48	484.46	86.31	37.60	1.87	1463.00	355.62
3	12.05	8.14	6.05	4.91	1.55	484.29	89.34	8.80	1.20	691.00	222.24
4	9.72	7.68	6.16	3.57	1.21	484.42	92.52	13.60	0.98	768.00	184.08
5	10.33	7.97	6.66	3.57	1.22	485.15	94.16	7.20	1.62	1118.00	199.37
6	9.55	7.36	6.05	5.36	1.26	485.18	95.10	30.00	0.84	675.00	171.82
7	12.50	8.47	6.72	4.02	1.36	484.80	90.38	6.20	2.70	1245.00	241.37
8	13.00	8.35	6.44	4.47	1.08	484.78	93.64	1.40	1.32	791.00	252.78
9	10.05	7.84	6.16	2.68	1.00	485.22	93.42	3.60	0.92	649.00	183.80
10	10.22	8.06	5.94	2.68	0.89	485.54	92.79	2.40	1.00	691.00	188.68
11	9.66	7.44	6.11	4.02	1.28	484.92	92.97	32.00	0.79	925.00	134.35
12	10.27	7.25	5.11	2.68	1.19	484.46	92.10	21.80	2.85	956.00	268.09
13	11.77	7.01	5.66	2.68	1.08	484.78	93.25	8.80	1.07	1550.00	211.54
14	11.05	7.61	4.66	3.57	1.38	485.61	90.43	8.00	1.52	1176.00	278.14
15	9.33	7.64	5.44	3.57	1.44	485.71	87.00	11.60	1.02	429.00	159.56
16	11.44	7.74	5.94	2.68	1.14	485.42	87.30	1.80	1.19	571.00	211.16
17	10.11	7.85	5.83	4.47	1.16	485.55	88.70	4.20	1.11	671.00	194.85
18	11.44	8.33	5.94	2.68	1.09	485.70	90.36	3.40	1.52	761.00	274.88
19	8.83	7.64	6.50	8.04	2.45	485.99	90.30	3.40	0.64	195.00	94.94
20	12.77	9.10	6.55	9.38	2.46	485.78	86.47	0.00	2.22	1473.00	324.00
21	12.83	8.65	5.72	8.49	2.00	485.43	91.18	0.00	2.38	1090.00	288.99
22	12.27	9.70	7.50	11.17	4.33	484.46	77.17	0.00	2.40	1234.00	261.61
23	11.44	8.62	5.66	8.94	2.39	484.68	86.21	0.00	3.83	1060.00	265.92
24	10.83	8.91	7.66	12.51	2.52	485.21	91.47	0.00	1.16	645.00	182.06
25	12.11	8.73	7.00	4.91	1.27	485.19	96.38	0.60	1.52	1230.00	267.78
26	10.00	7.72	6.38	4.02	1.19	485.38	97.65	5.60	1.01	568.00	196.72
27	10.94	8.09	6.38	3.12	0.94	486.04	95.83	4.40	1.18	937.00	221.32
28	10.55	7.93	6.55	3.12	0.97	486.16	98.09	0.80	1.06	717.00	193.95
29	9.50	7.71	5.72	3.12	1.07	486.31	98.41	4.00	1.15	606.00	226.34
30	10.16	7.49	5.77	3.12	1.01	485.87	96.20	6.40	1.21	953.00	231.73
TOTAL								230.60	45.12		
PROM	10.98	8.04	6.12	4.91	1.49	485.25	91.53			908.20	226.70

Cuadro 1: Resúmen de análisis climatológico

Estación: Cortaderal Fecha: Abril de 2010 Registros: 30 de 30

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: www.utp.edu.co/hidroclimatologica

Lluvias por				Lluvias por jornada				er v PT	PT	DP		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	0	1	2	0	0	0	3	0	3	3.00	0.92	3.82	35.00	1.80	2.70	9.60
2	0	1	0	0	0	0	1	0	1	37.60	4.75	19.79	365.00	37.60	6.10	38.40
3	1	0	3	0	0	1	2	1	4	8.80	1.50	6.25	45.00	6.20	7.44	36.00
4	0	2	2	0	0	1	3	0	4	13.60	1.83	7.64	70.00	8.60	6.88	24.00
5	0	1	7	0	3	1	3	1	8	7.20	2.17	9.03	60.00	3.20	2.95	14.40
6	0	1	5	0	4	1	1	0	6	30.00	4.75	19.79	275.00	28.40	6.09	24.00
7	0	1	2	1	3	0	1	0	4	6.20	1.50	6.25	100.00	5.40	3.09	14.40
8	0	0	6	0	0	3	3	0	6	1.40	0.50	2.08	10.00	0.40	1.60	4.80
9	0	0	4	0	0	1	3	0	4	3.60	1.33	5.56	65.00	2.60	2.23	4.80
10	0	0	4	0	0	1	3	0	4	2.40	1.00	4.17	70.00	1.40	1.12	2.40
11	0	2	4	1	3	3	0	1	7	32.00	7.42	30.90	375.00	25.00	3.95	16.80
12	0	1	2	0	0	0	2	1	3	21.80	4.17	17.36	320.00	18.60	3.43	24.00
13	0	1	6	0	0	0	5	2	7	8.80	2.67	11.11	155.00	6.80	2.55	9.60
14	0	1	5	0	2	1	2	1	6	8.00	2.92	12.15	200.00	6.20	1.81	4.80
15	0	1	3	1	0	1	4	0	5	11.60	2.17	9.03	170.00	10.60	3.63	21.60
16	0	0	3	0	0	1	2	0	3	1.80	0.67	2.78	45.00	1.00	1.20	2.40
17	0	0	3	0	0	1	2	0	3	4.20	1.17	4.86	110.00	3.40	1.77	7.20
18	0	1	2	1	0	0	4	0	4	3.40	0.92	3.82	45.00	2.60	3.12	12.00
19	0	0	10	1	1	3	6	1	11	3.40	1.42	5.90	60.00	1.00	0.92	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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	2	0	0	0	2	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
26	0	0	6	2	1	2	4	1	8	5.60	2.08	8.68	115.00	3.80	1.90	4.80
27	0	2	2	0	0	1	3	0	4	4.40	0.92	3.82	25.00	2.00	4.00	14.40
28	0	0	4	0	0	1	1	2	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
29	0	0	10	2	0	4	5	3	12	4.00	1.58	6.60	30.00	0.60	1.03	4.80
30	0	0	4	1	0	1	4	0	5	6.40	2.42	10.07	70.00	2.40	1.92	7.20
MAX	1	2	10	2	4	4	6	3	12	37.60	7.42	30.90	375.00	37.60	7.44	38.40
TOTAL	1	16	101	10	17	28	69	14	128	230.60	51.25	7.12				

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)