

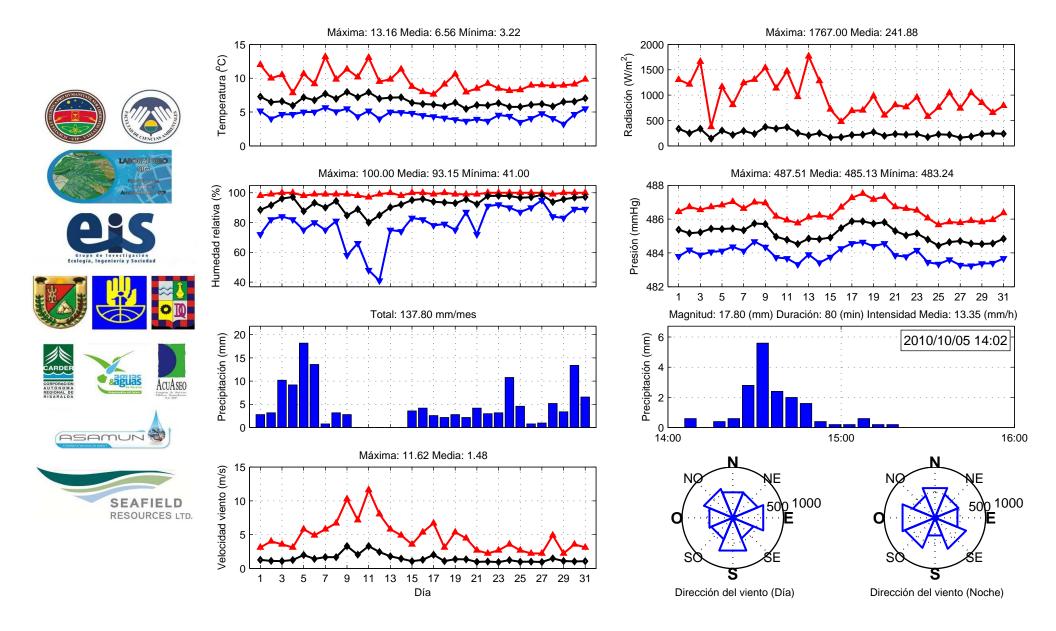
Estación: Cortaderal Fecha: Octubre de 2010 Registros: 31 de 31 Reporte climatológico mensual

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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	Temperatura		ra	Vel. Viento		Presión	Humedad	Precipitación	Evap		Radiación solar	
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)				
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media	
1	12.00	7.27	5.16	3.12	1.27	485.38	88.46	2.80	1.84	1304.00	336.91	
2	10.00	6.45	4.00	4.02	1.12	485.16	91.64	3.20	1.32	1213.00	248.06	
3	10.50	6.57	4.66	3.57	1.10	485.22	96.09	10.20	1.61	1661.00	335.98	
4	7.83	5.93	4.66	3.12	1.26	485.43	97.13	9.20	2.10	373.00	143.99	
5	10.66	7.17	5.00	5.81	2.00	485.42	87.59	18.20	3.70	1164.00	300.25	
6	9.16	6.74	5.00	4.91	1.43	485.44	93.18	13.60	1.31	810.00	216.53	
7	13.16	7.69	5.66	5.81	1.68	485.34	90.07	0.80	1.69	1241.00	293.55	
8	9.83	6.96	5.05	6.70	1.67	485.74	94.42	3.20	1.21	1306.00	236.15	
9	11.33	7.96	5.49	10.28	3.30	485.70	84.66	2.80	2.47	1538.00	373.36	
10	10.16	7.19	4.33	7.15	2.04	484.96	88.94	0.00	2.04	1136.00	338.55	
11	13.05	7.92	5.16	11.62	3.32	484.78	80.07	0.00	2.73	1471.00	366.27	
12	9.50	6.98	4.00	8.04	2.44	484.53	84.92	0.00	4.94	967.00	253.54	
13	9.83	7.12	5.00	5.81	1.80	484.85	90.22	0.00	4.53	1767.00	205.57	
14	11.33	7.16	4.94	4.91	1.46	484.81	92.08	0.00	1.50	1280.00	248.94	
15	8.77	6.36	4.83	3.57	1.08	484.91	95.06	3.60	0.79	719.00	164.89	
16	8.00	6.19	4.50	5.36	1.30	485.47	95.88	4.20	0.74	476.00	168.99	
17	7.61	6.10	4.33	6.70	2.02	485.86	93.90	2.60	1.11	691.00	213.24	
18	9.11	5.87	4.11	3.12	1.09	485.87	93.50	2.20	1.04	700.00	221.07	
19	10.61	6.40	3.88	5.36	1.38	485.73	92.95	2.80	1.81	981.00	270.77	
20	7.94	5.46	3.66	4.47	1.35	485.81	95.61	2.20	5.10	603.00	196.45	
21	8.49	6.03	3.94	2.68	0.98	485.29	92.30	4.20	5.39	807.00	234.22	
22	9.22	5.98	3.66	2.23	1.02	485.03	97.78	3.00	2.33	765.00	220.30	
23	8.49	6.32	4.55	2.68	0.94	485.15	97.94	3.20	1.10	956.00	230.60	
24	8.16	5.76	4.38	3.57	1.25	484.79	97.78	10.80	0.82	577.00	171.64	
25	8.27	5.75	3.49	2.68	1.00	484.43	96.60	4.60	1.02	756.00	227.33	
26	8.94	6.08	4.05	2.23	1.02	484.64	97.00	0.80	1.08	1046.00	217.86	
27	9.00	6.18	4.77	2.23	0.95	484.70	98.57	1.00	0.70	740.00	160.86	
28	8.88	5.82	4.05	4.91	1.48	484.55	93.78	5.20	1.55	1046.00	183.96	
29	8.94	6.50	3.22	2.23	1.11	484.53	95.62	3.40	1.21	851.00	235.48	
30	9.11	6.54	4.66	3.57	1.04	484.56	96.71	13.40	1.20	654.00	244.26	
31	9.83	7.04	5.49	3.12	1.07	484.83	97.10	6.60	1.10	791.00	238.55	
TOTAL								137.80	61.08			
PROM	9.60	6.56	4.51	4.70	1.48	485.13	93.15			980.32	241.88	
			-									

Cuadro 1: Resúmen de análisis climatológico

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D/:	Lluvias por				Lluvias por jornada				PT	Г)P	DM	MM	IMM	IM5	
Día	F	inter	sidad L	LL	Md	jorn Mñ	ada T	N	CLL	(mm)	(h)	(%)	(min)	(mm)	(mm/h)	(mm/h)
1	0	2	2	1	0	0	5	0	5	2.80	0.83	3.47	20.00	1.00	2.40	7.20
2	0	1	2	0	0	2	0	1	3	3.20	0.92	3.82	40.00	2.40	3.20	9.60
3	1	1	6	0	3	0	3	2	8	10.20	2.08	8.68	40.00	5.80	7.73	36.00
4	0	1	5	0	1	2	3	0	6	9.20	3.08	12.85	70.00	3.80	3.04	9.60
5	1	0	2	0	1	0	2	0	3	18.20	1.33	5.56	80.00	17.80	12.56	67.20
6	1	0	3	0	1	2	1	0	4	13.60	2.17	9.03	85.00	11.20	7.47	24.00
7	0	0	1	1	0	0	2	0	2	0.80	0.25	1.04	10.00	0.40	1.60	4.80
8	0	0	1	0	1	0	0	0	1	3.20	1.25	5.21	145.00	3.20	1.28	4.80
9	0	0	1	0	1	0	0	0	1	2.80	1.17	4.86	145.00	2.80	1.12	2.40
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	1	1	0	0	0	2	0	2	3.60	0.67	2.78	35.00	2.60	3.90	16.80
16	0	1	1	0	0	0	2	0	2	4.20	0.58	2.43	45.00	4.00	4.80	14.40
17	0	2	3	0	0	2	3	0	5	2.60	0.75	3.13	25.00	1.20	2.40	4.80
18	0	0	5	1	1	1	4	0	6	2.20	0.92	3.82	25.00	0.60	1.20	2.40
19	0	0	3	1	0	0	2	2	4	2.80	0.92	3.82	45.00	1.20	1.44	4.80
20	0	0	2	2	1	0	2	1	4	2.20	0.92	3.82	30.00	0.80	1.37	2.40
21	0	0	2	0	0	0	1	1	2	4.20	1.75	7.29	150.00	4.00	1.55	2.40
22	0	0	3	3	0	0	3	3	6	3.00	1.25	5.21	65.00	1.00	0.86	2.40
23	0	0	4	1	2	0	3	0	5	3.20	1.33	5.56	110.00	2.20	1.15	2.40
24	0	0	11	2	0	4	0	9	13	10.80	4.50	18.75	445.00	7.60	1.01	2.40
25	0	0	19	2	5	1	10	5	21	4.60	1.92	7.99	30.00	0.40	0.69	2.40
26	0	0	4	0	1	0	3	0	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
27	0	0	5	0	1	0	4	0	5	1.00	0.42	1.74	10.00	0.20	0.80	2.40
28	0	0	16	2	1	1	7	9	18	5.20	2.17	9.03	105.00	1.60	0.87	2.40
29	0	0	17	0	6	4	4	3	17	3.40	1.42	5.90	10.00	0.20	0.80	2.40
30	1	1	5	0	2	4	0	1	7	13.40	1.58	6.60	15.00	7.20	21.60	57.60
31	0	1	4	0	0	1	4	0	5	6.60	1.83	7.64	100.00	5.00	2.86	9.60
MAX	1	2	19	3	6	4	10	9	21	18.20	4.50	18.75	445.00	17.80	21.60	67.20
TOTAL	4	11	128	16	28	24	70	37	159	137.80	36.33	4.88				

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)