

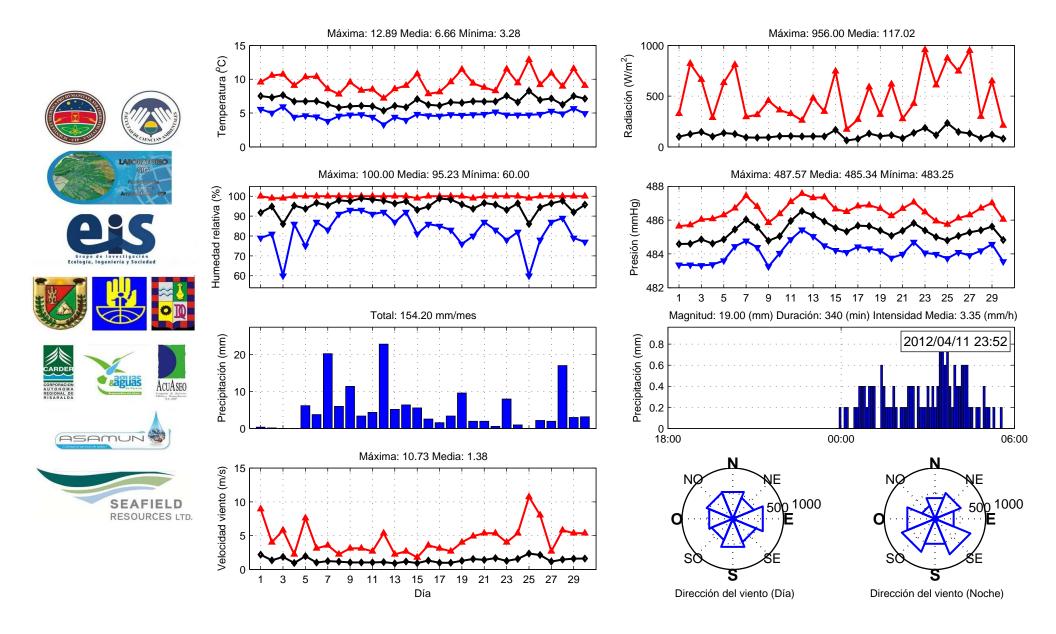
Estación: Cortaderal Fecha: Abril de 2012 Registros: 30 de 30 Reporte climatológico mensual

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.

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	Temperatura				Viento	Presión	Humedad	1 *		l	ón solar
Día	(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/	$m^2$ )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	9.56	7.51	5.56	8.94	2.19	484.59	91.71	0.40	0.63	327.00	100.62
2	10.56	7.28	5.00	4.02	1.35	484.60	94.83	0.20	0.76	821.00	125.11
3	10.72	7.65	5.94	5.81	1.87	484.86	86.01	0.00	1.02	663.00	146.73
4	9.06	6.72	4.39	2.24	0.97	484.61	95.33	0.00	0.51	287.00	101.71
5	10.33	6.72	4.61	7.60	1.96	484.86	93.68	6.20	0.66	631.00	135.85
6	10.39	6.76	4.44	3.13	1.02	485.45	96.72	3.80	0.61	809.00	126.12
7	8.56	6.27	3.78	3.58	1.23	486.03	95.43	20.20	0.46	295.00	92.59
8	7.78	5.80	4.56	2.24	1.16	485.58	97.91	6.00	0.41	316.00	90.75
9	9.56	5.99	4.72	3.13	1.04	484.77	97.46	11.40	0.46	455.00	92.97
10	8.33	6.07	4.78	3.13	1.04	485.05	98.94	3.40	0.51	362.00	105.44
11	8.50	6.01	4.39	2.68	1.05	485.95	98.34	4.40	0.46	327.00	106.15
12	7.17	5.35	3.28	5.36	1.09	486.53	97.76	22.80	0.46	260.00	102.89
13	8.56	6.07	4.39	2.24	0.91	486.29	96.30	5.20	0.53	480.00	103.40
14	9.06	5.84	3.94	2.68	1.17	485.92	97.48	6.40	0.46	348.00	101.87
15	10.78	7.06	4.83	1.79	0.95	485.53	93.13	5.60	0.79	745.00	166.83
16	7.83	6.22	4.61	3.58	1.32	485.32	94.81	2.60	0.36	171.00	62.73
17	8.11	6.08	4.56	3.13	1.00	485.67	98.85	1.60	0.38	269.00	78.11
18	9.61	6.60	4.78	2.68	1.00	485.64	98.32	3.40	0.64	589.00	130.98
19	11.44	6.50	4.67	4.02	1.29	485.39	95.88	9.60	0.53	318.00	104.76
20	9.39	6.72	4.78	4.92	1.55	485.07	93.67	2.00	0.61	617.00	115.06
21	8.78	6.69	4.83	5.36	1.42	485.37	96.59	2.00	0.41	276.00	83.75
22	8.28	6.69	5.17	5.36	1.69	485.82	95.78	0.60	0.61	427.00	137.03
23	11.50	7.56	4.72	4.02	1.27	485.39	93.13	8.00	1.04	956.00	186.94
24	9.44	6.60	4.72	5.36	1.57	485.00	96.43	1.00	0.56	608.00	114.32
25	12.89	8.27	4.72	10.73	2.35	484.79	86.06	0.00	1.68	874.00	234.09
26	9.17	6.92	4.83	8.05	2.15	485.06	94.48	2.20	0.78	745.00	147.36
27	10.89	7.15	5.28	2.68	1.17	485.28	96.44	2.00	0.66	949.00	131.65
28	8.94	6.24	4.89	5.81	1.47	485.40	97.69	17.00	0.46	299.00	84.28
29	11.56	7.52	5.67	5.36	1.60	485.62	91.94	3.00	0.64	649.00	119.56
30	9.06	7.12	4.94	5.36	1.63	484.82	95.78	3.20	0.46	211.00	81.02
TOTAL								154.20	18.55		
PROM	9.53	6.66	4.73	4.50	1.38	485.34	95.23			502.80	117.02

Cuadro 1: Resúmen de análisis climatológico

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D.	Lluvias por				Lluvias por jornada				PT	D	)P	DM	MM	IMM	IM5	
Día		inten			3.5.1				CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)
	F	M	L	LL	Md	Mñ	T	N		<u> </u>	(h)	(%)	`		<u> </u>	`
1	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
2	0	0	1	0	1	0	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	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	3	0	0	0	3	0	3	6.20	1.92	7.99	90.00	3.40	2.15	12.00
6	0	1	3	1	0	0	4	1	5	3.80	1.17	4.86	40.00	2.20	2.93	4.80
7	0	2	2	2	2	3	1	0	6	20.20	2.92	12.15	140.00	16.80	6.95	31.20
8	0	0	4	1	1	0	3	1	5	6.00	2.33	9.72	140.00	3.80	1.57	4.80
9	1	1	3	0	0	0	4	1	5	11.40	1.75	7.29	45.00	7.00	8.40	21.60
10	0	0	6	0	2	0	3	1	6	3.40	1.33	5.56	90.00	2.40	1.52	4.80
11	0	1	5	1	2	0	3	2	7	4.40	1.42	5.90	45.00	2.60	3.12	7.20
12	0	1	8	4	2	3	6	2	13	22.80	6.17	25.69	330.00	18.80	3.37	9.60
13	0	0	7	1	2	0	4	2	8	5.20	2.00	8.33	60.00	2.00	1.85	4.80
14	0	1	3	0	0	0	4	0	4	6.40	1.75	7.29	55.00	3.80	3.80	9.60
15	0	1	2	0	0	0	3	0	3	5.60	1.00	4.17	70.00	5.20	4.16	14.40
16	0	0	6	0	1	0	3	2	6	2.60	0.92	3.82	50.00	1.40	1.53	4.80
17	0	0	8	0	0	0	6	2	8	1.60	0.67	2.78	10.00	0.20	0.80	2.40
18	0	1	2	0	0	0	2	1	3	3.40	0.83	3.47	50.00	3.00	3.27	9.60
19	0	1	7	0	2	1	3	2	8	9.60	2.58	10.76	65.00	4.00	3.43	12.00
20	0	0	2	0	0	1	1	0	2	2.00	0.83	3.47	75.00	1.80	1.35	2.40
21	0	0	5	0	0	0	3	2	5	2.00	0.75	3.13	45.00	1.00	1.20	2.40
22	0	0	3	0	2	1	0	0	3	0.60	0.25	1.04	10.00	0.20	0.80	2.40
23	0	2	1	0	0	0	2	1	3	8.00	1.33	5.56	60.00	5.00	4.62	16.80
24	0	0	3	0	1	0	2	0	3	1.00	0.42	1.74	20.00	0.40	0.96	2.40
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	1	0	0	0	1	0	1	2.20	0.75	3.13	80.00	2.20	1.55	4.80
27	0	0	2	0	0	1	1	0	2	2.00	0.58	2.43	30.00	1.20	2.06	4.80
28	0	1	4	0	1	1	2	1	5	17.00	4.33	18.06	305.00	16.00	3.10	9.60
29	0	1	4	0	1	0	4	0	5	3.00	1.08	4.51	30.00	1.40	2.40	4.80
30	0	1	1	0	0	0	1	1	2	3.20	0.58	2.43	35.00	2.60	3.90	9.60
MAX	1	2	8	4	2	3	6	2	13	22.80	6.17	25.69	330.00	18.80	8.40	31.20
TOTAL	1	15	97	10	20	11	70	22	123	154.20	39.83	5.53				

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)

Cuadro 2: Convenciones y Unidades