

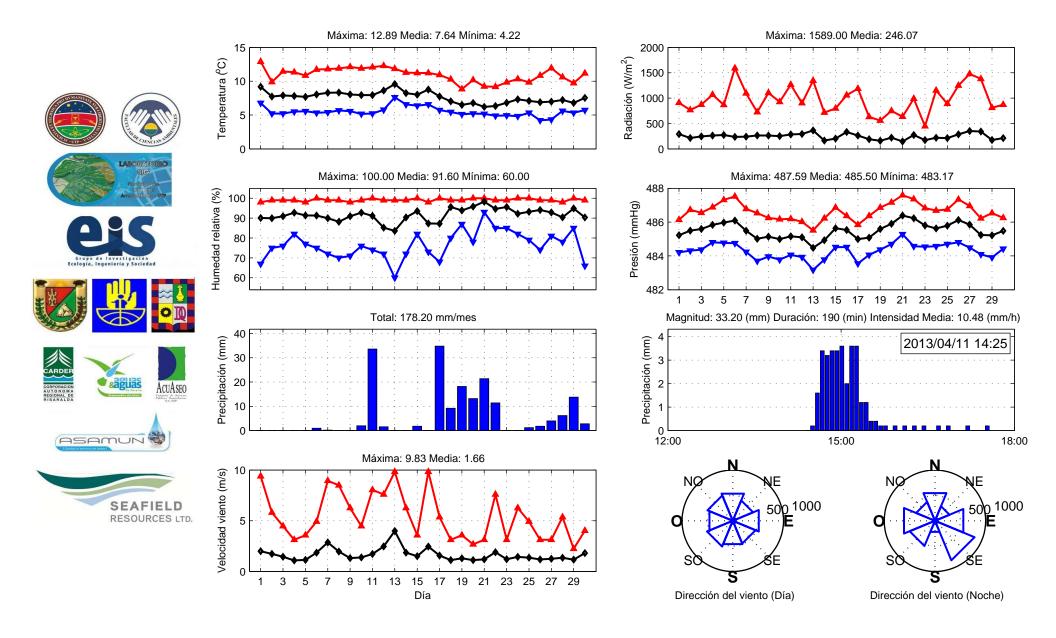
Estación: Cortaderal Fecha: Abril de 2013 Registros: 30 de 30 Reporte climatológico mensual

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		Vel. Viento		Presión	Humedad	Precipitación	Evap	-		
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	,	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	12.89	9.18	6.78	9.39	2.00	485.22	90.06	0.00	2.03	907.00	289.68
2	9.89	7.74	5.22	5.81	1.73	485.49	89.96	0.00	1.27	766.00	212.94
3	11.44	7.89	5.22	4.47	1.45	485.59	90.98	0.00	1.52	870.00	244.09
4	11.33	7.80	5.50	3.13	1.09	485.83	92.76	0.00	1.42	1067.00	262.01
5	10.83	7.68	5.56	3.58	1.14	485.97	91.34	0.00	1.45	867.00	271.70
6	11.72	8.04	5.33	4.92	1.85	486.09	91.31	1.00	1.30	1589.00	234.49
7	11.78	8.30	5.39	8.94	2.87	485.49	89.93	0.20	1.50	1095.00	240.37
8	11.89	8.33	5.67	8.49	1.97	485.01	88.13	0.00	1.65	724.00	263.11
9	12.11	8.04	5.56	6.26	1.32	485.14	90.95	0.00	1.45	1104.00	261.05
10	11.89	7.94	5.17	4.47	1.39	484.99	92.76	2.00	1.50	926.00	251.40
11	12.06	7.94	5.22	8.05	1.73	485.15	91.09	33.60	1.68	1266.00	282.89
12	12.28	8.61	5.78	7.60	2.47	485.10	85.22	1.60	1.50	902.00	291.61
13	11.83	9.57	7.61	9.83	3.99	484.47	83.55	0.00	2.62	1343.00	363.15
14	11.28	8.25	6.56	6.26	1.85	484.93	90.34	0.00	1.04	715.00	162.56
15	11.22	8.00	6.39	3.58	1.50	485.64	93.55	1.80	1.07	796.00	203.50
16	11.22	8.76	6.56	9.83	2.45	485.53	87.30	0.00	1.83	1056.00	332.66
17	10.94	7.74	5.72	5.36	1.57	484.99	87.20	34.80	2.70	1187.00	262.13
18	10.28	7.03	5.44	3.13	1.12	485.08	95.60	9.20	0.99	629.00	189.92
19	8.83	6.50	5.11	3.58	1.30	485.59	93.85	18.20	0.81	557.00	158.65
20	10.17	6.77	5.22	2.68	1.12	485.90	95.83	13.20	1.12	749.00	219.16
21	9.22	6.20	5.17	3.13	1.20	486.39	98.30	21.40	0.71	635.00	144.91
22	9.17	6.33	4.89	7.60	1.90	486.23	94.62	11.40	1.27	990.00	272.54
23	9.83	6.81	4.94	3.13	1.21	485.80	95.58	0.00	0.86	446.00	173.03
24	10.33	7.32	4.83	6.26	1.44	485.62	92.16	0.00	1.22	1151.00	216.99
25	9.83	7.08	5.33	4.92	1.37	485.79	93.18	1.20	1.09	889.00	210.91
26	10.83	6.89	4.22	3.13	1.18	486.12	94.06	1.80	1.63	1248.00	286.76
27	11.94	6.98	4.33	3.13	1.25	485.85	92.86	4.00	1.96	1477.00	352.45
28	10.61	7.22	5.61	5.36	1.36	485.24	90.37	6.20	1.91	1380.00	341.24
29	9.72	6.80	5.33	2.24	1.17	485.21	94.89	13.80	0.89	810.00	175.10
30	11.17	7.53	5.72	4.02	1.81	485.48	90.31	2.80	1.47	870.00	211.01
TOTAL								178.20	43.46		
PROM	10.95	7.64	5.51	5.41	1.66	485.50	91.60			967.03	246.07

Cuadro 1: Resúmen de análisis climatológico

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Lluvias por		Lluvias por					PT	D	D	DM	MM	IMM	IM5			
Día		inten			jornada			CLL	(mm)			(min)	(mm)	(mm/h)	(mm/h)	
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)	. ,		(11111/11)	(11111111)
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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	0	1	0	0	0	1	0	1	1.00	0.33	1.39	25.00	1.00	2.00	4.80
7	0	0	1	0	0	0	1	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
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	1	1	0	0	0	0	2	2	2.00	0.50	2.08	30.00	1.80	3.09	7.20
11	1	0	2	0	0	0	1	2	3	33.60	2.17	9.03	190.00	33.20	10.22	43.20
12	0	0	2	1	0	0	3	0	3	1.60	0.67	2.78	40.00	1.00	1.33	2.40
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	1.80	0.25	1.04	15.00	1.40	4.20	9.60
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	2	0	1	0	0	0	3	0	3	34.80	3.08	12.85	105.00	20.60	11.24	43.20
18	0	1	3	0	0	0	1	3	4	9.20	2.42	10.07	130.00	5.00	2.22	7.20
19	0	2	3	2	1	1	1	4	7	18.20	4.42	18.40	185.00	10.00	3.16	9.60
20	0	1	5	0	0	0	5	1	6	13.20	3.58	14.93	120.00	7.40	3.55	12.00
21	0	3	7	0	1	4	3	2	10	21.40	4.17	17.36	190.00	14.60	4.49	45.60
22	0	2	2	0	2	1	1	0	4	11.40	2.67	11.11	65.00	4.20	3.60	14.40
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	1.20	0.42	1.74	55.00	1.00	1.00	4.80
26	1	0	3	0	2	0	1	1	4	1.80	0.33	1.39	5.00	1.20	7.20	14.40
27	0	0	5	0	1	0	0	4	5	4.00	1.50	6.25	105.00	3.20	1.75	4.80
28	0	0	1	0	0	0	1	0	1	6.20	1.92	7.99	195.00	6.20	1.86	9.60
29	0	1	3	0	0	2	2	0	4	13.80	2.42	10.07	150.00	13.20	5.11	16.80
30	0	1	2	0	0	0	3	0	3	2.80	0.42	1.74	20.00	2.40	5.76	14.40
MAX	2	3	7	2	2	4	5	4	10	34.80	4.42	18.40	195.00	33.20	11.24	45.60
TOTAL	4	13	45	3	7	8	31	19	65	178.20	31.33	4.35				

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