

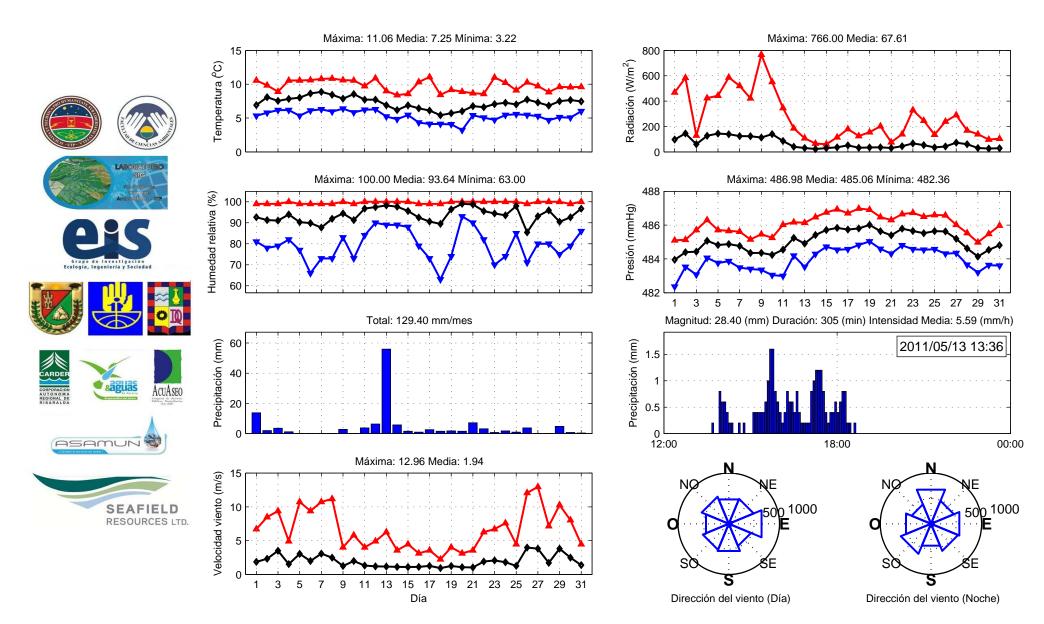
Estación: Cortaderal Fecha: Mayo de 2011 Registros: 31 de 31 Reporte climatológico mensual

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.

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	Temperatura				Viento	Presión	Humedad	1 *		l	Radiación solar (W/m²)	
Día		(°C)		(m/s)		(mmHg)	(%)	(mm)	(mm)	,		
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media	
1	10.56	6.90	5.33	6.71	1.87	483.95	92.67	13.80	0.51	468.00	97.26	
2	9.83	8.08	5.78	8.49	2.33	484.40	91.27	2.00	0.99	584.00	145.37	
3	8.89	7.54	6.17	9.39	3.50	484.43	91.08	3.60	0.54	128.00	59.93	
4	10.56	7.82	6.17	4.92	1.54	485.07	93.97	1.20	0.68	424.00	126.61	
5	10.56	8.01	5.33	10.73	3.05	484.82	90.33	0.00	0.94	443.00	144.48	
6	10.61	8.63	6.11	9.39	2.00	484.87	89.84	0.00	0.99	587.00	138.80	
7	10.78	8.86	6.28	10.73	3.09	484.76	87.72	0.00	0.97	520.00	124.00	
8	10.83	8.43	5.94	11.18	2.49	484.35	91.89	0.00	0.78	422.00	123.38	
9	10.61	7.86	6.39	4.02	1.25	484.36	94.45	2.80	0.58	766.00	112.95	
10	10.56	8.54	5.83	5.81	2.00	484.24	91.28	0.00	0.79	552.00	139.32	
11	9.72	7.71	6.22	4.02	1.32	484.55	96.80	3.80	0.43	346.00	85.71	
12	10.89	7.72	6.28	4.92	1.21	485.24	97.45	6.40	0.18	185.00	39.49	
13	9.00	6.89	5.22	6.26	1.17	484.91	98.26	56.00	0.08	107.00	29.98	
14	8.39	6.17	4.83	3.58	1.12	485.41	97.66	5.80	0.05	65.00	22.19	
15	8.56	6.88	5.44	4.47	1.11	485.71	95.62	1.60	0.18	60.00	29.40	
16	10.33	6.43	4.33	3.13	1.13	485.84	92.47	1.00	0.20	114.00	35.22	
17	11.06	6.10	4.11	3.58	1.27	485.74	90.59	2.60	0.30	179.00	51.66	
18	8.44	5.42	4.11	2.24	0.94	485.80	89.47	1.60	0.18	125.00	32.16	
19	9.17	5.70	4.06	4.02	1.26	486.01	96.40	1.80	0.13	155.00	34.86	
20	8.89	6.00	3.22	3.13	1.08	485.64	99.02	1.60	0.15	202.00	35.14	
21	8.67	6.76	5.39	3.58	1.05	485.39	98.71	7.20	0.10	76.00	30.39	
22	8.56	6.60	5.06	6.26	1.91	485.79	95.56	3.20	0.25	139.00	44.11	
23	11.00	7.06	4.72	6.71	2.07	485.65	94.43	0.80	0.36	329.00	66.49	
24	10.22	7.26	5.44	7.60	1.82	485.52	93.54	1.80	0.33	246.00	53.43	
25	9.11	7.01	5.56	4.47	1.27	485.65	97.97	1.00	0.18	135.00	34.44	
26	10.28	7.73	5.44	12.07	3.98	485.62	85.43	3.80	0.72	239.00	42.55	
27	9.72	7.31	5.28	12.96	3.82	485.19	93.10	0.00	0.63	290.00	72.07	
28	8.83	6.82	4.67	7.15	1.72	484.62	95.92	0.00	0.30	169.00	59.59	
29	9.61	7.48	5.11	10.28	3.81	484.14	90.50	4.80	0.48	139.00	30.61	
30	9.56	7.67	5.06	8.05	2.48	484.53	92.59	0.80	0.25	97.00	26.25	
31	9.61	7.46	6.00	4.47	1.39	484.81	96.74	0.40	0.18	104.00	28.07	
TOTAL			<u> </u>					129.40	13.43			
PROM	9.79	7.25	5.32	6.59	1.94	485.06	93.64			270.81	67.61	

Cuadro 1: Resúmen de análisis climatológico

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	Lluvias por				Lluvias por			CLL	PT	Ъ	DP		MM (mm)	IMM	IM5 (mm/h)	
Día	intensidad			jornada			(mm)				DM (min)	(mm/h)				
	F	M	L	LL	Md	Mñ	T	N		(11111)	(h)	(%)	(11111)	(11111)	(111111/11)	(111111/11)
1	0	1	2	0	0	1	2	0	3	13.80	2.33	9.72	185.00	13.40	4.23	24.00
2	0	0	2	0	2	0	0	0	2	2.00	0.83	3.47	65.00	1.80	1.54	2.40
3	0	0	9	1	4	4	2	0	10	3.60	1.50	6.25	40.00	0.60	0.80	2.40
4	0	0	4	0	0	2	2	0	4	1.20	0.50	2.08	35.00	0.60	0.90	2.40
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	3	0	1	1	2	0	4	2.80	0.58	2.43	20.00	1.80	4.32	14.40
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	4	0	0	0	4	0	4	3.80	1.33	5.56	55.00	2.20	2.20	4.80
12	0	1	4	2	0	1	4	2	7	6.40	1.75	7.29	40.00	3.40	4.53	12.00
13	0	2	2	1	0	1	3	1	5	56.00	8.92	37.15	305.00	28.40	5.50	19.20
14	0	0	10	0	4	5	1	0	10	5.80	2.42	10.07	130.00	3.20	1.42	2.40
15	0	1	2	0	1	1	1	0	3	1.60	0.33	1.39	15.00	1.20	3.60	7.20
16	0	0	1	0	0	0	0	1	1	1.00	0.25	1.04	35.00	1.00	1.50	7.20
17	0	0	2	0	0	0	1	1	2	2.60	0.92	3.82	75.00	2.40	1.80	4.80
18	0	0	1	0	0	0	1	0	1	1.60	0.58	2.43	50.00	1.60	1.75	4.80
19	0	0	2	0	0	0	2	0	2	1.80	0.67	2.78	95.00	1.60	0.96	4.80
20	0	0	6	0	0	0	6	0	6	1.60	0.58	2.43	20.00	0.60	1.44	4.80
21	0	1	4	0	0	1	4	0	5	7.20	1.50	6.25	40.00	4.00	5.33	14.40
22	0	0	4	0	2	0	2	0	4	3.20	1.25	5.21	110.00	2.60	1.36	4.80
23	0	0	2	0	0	2	0	0	2	0.80	0.33	1.39	35.00	0.60	0.90	2.40
24	0	1	1	0	0	0	2	0	2	1.80	0.42	1.74	15.00	1.00	3.00	9.60
25	0	0	3	0	1	1	1	0	3	1.00	0.42	1.74	20.00	0.60	1.44	2.40
26	0	0	3	0	0	0	3	0	3	3.80	1.25	5.21	95.00	3.40	2.04	4.80
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	1	6	0	0	0	6	1	7	4.80	1.25	5.21	20.00	2.20	5.28	14.40
30	0	0	1	0	0	0	1	0	1	0.80	0.33	1.39	35.00	0.80	1.20	2.40
31	0	0	2	0	0	1	1	0	2	0.40	0.17	0.69	10.00	0.20	0.80	2.40
MAX	0	2	10	2	4	5	6	2	10	56.00	8.92	37.15	305.00	28.40	5.50	24.00
TOTAL	0	9	80	4	15	21	51	6	93	129.40	30.42	4.09				

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

Cantidad de Lluvias
Precipitación total (mm)
Duración precipitacion diaria
Duración máxima lluvia aislada (min)
Magnitud máx. lluvia aislada (mm)
Intensidad media máxima (mm/h)
Intensidad máx. en 5 minutos (mm/h)