

Projeto:- 0

Proprietário:- 0

k =	1018.591	t =	10.00
Tr =	20	to =	12
m =	0.1323	n =	0.76
A =	0	B =	0
C =	0	D =	0
E =	0	F =	0
G =	0	H =	0

i - intensidade máx. média da chuva

t - duração da chuva (min)

T<sub>R</sub>- período de retorno (anos)

k, m, n, t<sub>o</sub> - constantes da equação Geral

A, B, C, D, E, F, G, H - constantes da equação DAEE-FCTH

Cidade: Catalão/GO Catalão/GO

Equação: Geral Oliveira et al.

i = 144.51 mm/hora

TR - Período de Retorno 20

Duração da Chuva 10.00

Projetista:- Eng. Orlando Vargas da Silva Neto  
CREA: 235.266/D ART.: 6095223









190  
144.51

Código	Cidade	k	m	t0	n	A	B	C
1	Álcalis/RJ	3281.158	0.222	44.204	1.00			
2	Alegre/ES	1497.781	0.258	19.294	0.855			
3	Alfredo Chaves/ES	17.482	0.1512	12	0.7594			
4	Alto da Boa Vista/RJ	4378.133	0.227	49.157	0.999			
5	Alto Garças/GO	873.374	0.1328	10	0.7418			
6	Alvorada do Norte/GO	1018.591	0.1354	12	0.7598			
7	Alvorada/TO	9989.56	0.211	56.638	1.087			
8	Anchieta (ES)	17.864	0.1823	14	0.7723			
9	Andradina/SP					34.5743	20	(0.8809)
10	Angra dos Reis/RJ	721.802	0.211	10.566	0.72			
11	Antonina/PR	5,209.55	0.160	57	0.978			
12	Aparecida/SP					46.38	30	(0.9120)
13	Aporé/GO	1265.319	0.1368	15	0.7853			
14	Apucarana/PR	1,301.07	0.177	15	0.836			
15	Aracruz/ES	1298.382	0.12	20.981	0.786			
16	Aracruz/SC	1298.382	0.12	20.981	0.7860			
17	Araguatins/TO	4732.318	0.229	46.957	0.995			
18	Araraquara/SP (10< t >105)					32.4618	15	(0.8684)
19	Araraquara/SP (105< t >1440)					32.4618	15	(0.8684)
20	Araucária/PR	2,505.53	0.177	13	0.988			
21	Aruanã/GO	1274.09	0.152	12	0.7599			
22	Avaré/SP	1,940.35	0.16	21.933	0.856			
23	Bandeirantes/PR	1,077.21	0.157	10	0.781			
24	Barra Itapemirim (Itapemirim/ES)	14.698	0.1807	12	0.7594			
25	Barreiras/BA	1525.758	0.178	19.457	0.82			
26	Barreiras/BA - 2	4073.933	0.181	27.902	1.073			
27	Barreiras2/BA	907.91	0.0973	10	0.6216			
28	Bauru/SP					35.4487	20	(0.8894)
29	Belém/PA	2300	0.2	20	0.91			
30	Belo Horizonte/MG - 1	1,447.87	0.100	20	0.840			
31	Belo Horizonte/MG - 2	24.13	0.100	20	0.840			

32	Boa Esperança/ES	596.38	0.23	8.534	0.67			
33	Botucatu/SP					30.6853	20	(0.8563)
34	Bragança Paulista/SP					33.7895	30	(0.8832)
35	Brasília/DF - T <sub>R</sub> = 10 anos	10125		16	0.945			
36	Brotas de Macaubas/BA	4210.017	0.192	32.453	1.042			
37	Burarama (Cach. Itapemirim/ES)	18.965	0.1599	12	0.7594			
38	Cachoeira Paulista/SP					57.1456	30	(0.9495)
39	Caiapônia/GO	1138.151	0.1643	12	0.7599			
40	Camaçari2/BA	250.9200	-0.2224	22	0.0000			
41	Cambará/PR	1,772.96	0.126	17	0.867			
42	Campinas/SP	2,524.86	0.136	20	0.928			
43	Campo Alegre/GO	975.439	0.1643	12	0.7598			
44	Campo Grande/MS (2 < T > 100 anos)	43.02	0.550	62	1.052			
45	Campo Grande/MS 2	1263.26	0.16	11	0.803			
46	Campos do Jordão/SP					19.1535	15	(0.7928)
47	Campos/RJ	1133.836	0.183	20.667	0.807			
48	Cândido Sales/BA	2828.391	0.204	34.463	0.956			
49	Carinhanha/BA	2718.147	0.214	21.193	0.978			
50	Carinhanha2/BA	209.1480	0.6408	22	0.0000			
51	Cascavel/PR	1,062.92	0.141	5	0.776			
52	Castelo/ES	14.133	0.1434	12	0.7594			
53	Catalão/GO	1018.591	0.1323	12	0.76			
54	Ceres/GO	959.621	0.1764	12	0.7601			
55	Cerro Azul/PR	1,625.55	0.138	18	0.860			
56	Chapadão do Sul/MS	809.2229	0.1335	9.2	0.6999			
57	Cianorte/PR	2,115.18	0.145	22	0.849			
58	Clevelandia/PR	2,553.88	0.166	24	0.917			
59	Coco/BA	2,500.00	0.184	34.478	0.902			
60	Conceição do Castelo/ES	14.925	0.1779	12	0.7594			
61	Cordeiro/RJ	612.197	0.185	5	0.695			
62	Cubatão/SP					25.1025	20	(0.7522)
63	Curitiba/PR - 1	3,221.07	0.258	26	1.010			
64	Curitiba/PR - 2	20.65	0.150	20	0.740			
65	Curitiba/PR - INEMET	5,950.00	0.217	26	1.150			
66	Curitiba/PR - Prado Velho	5,726.64	0.159	41	1.041			
67	Dianópolis/TO	4642.242	0.162	35.878	1.051			



68	Domingos Martins (Arecê/ES)	14.677	0.1359	12	0.7594			
69	Duas Barras (Iconha/ES)	21.505	0.19	12	0.7594			
70	Eldorado/SP					38.4622	30	(0.8939)
71	Feira de Santana/BA	716.00	0.241	11	0.761			
72	Florianópolis/SC (t < 60min)	145.00	0.250	1	0.340			
73	Florianópolis/SC (t > 60min)	597.00	0.320	3	0.730			
74	Formoso do Araguaia/TO	8740.42	0.176	54.663	1.078			
75	Formoso do Rio Preto/BA	1719.054	0.174	20.021	0.865			
76	Fortaleza/CE	506.99	0.181	8	0.610			
77	Francisco Beltrão/PR	1,012.28	0.182	9	0.760			
78	Garça/SP					52.0793	30	(0.9365)
79	Goiânia/GO	920.45	0.1422	12	0.7599			
80	Guaraí/TO	8650.36	0.178	41.365	1.098			
81	Guarapari/ES	18.814	0.1964	12	0.7594			
82	Guarapuava/PR	1,039.68	0.171	10	0.799			
83	Guaraqueçaba/PR	1,479.78	0.172	19	0.802			
84	Guaratinguetá/sp	1,981.87	0.135	19	0.855			
85	Iacri/SP					33.3984	20	(0.8486)
86	Ibipeba/BA	3,950.00	0.222	33.862	1.028			
87	Iconha-Montante (Iconha/ES)	20.963	0.1715	12	0.7594			
88	Iguape/SP (10< t >120)					129.8902	77	(0.9373)
89	Iguape/SP (120< t >1440)					129.8902	77	(0.9373)
90	Ilha Guaíba/RJ	1045.123	0.244	49.945	0.679			
91	Indaíatuba/sp	1116.995	0.122	13.762	0.798			
92	Ipiáú/BA	2194.929	0.232	32.891	0.882			
93	Israelândia/GO	1120.211	0.1598	12	0.7598			
94	Itamaraju/BA	4032.86	0.211	28.605	1.06			
95	Itapebi/BA	3586.593	0.204	39.135	0.987			
96	Itaperuna/RJ	4999.882	0.196	34.462	0.986			
97	Itararé/SP					20.0196	10	(0.7961)
98	Itu/SP					52.9364	30	(0.9526)
99	Ituberá/BA	3228.481	0.207	45.386	0.948			
100	Ivaiporã/PR	676.71	0.158	1	0.726			
101	Jacarézinho/PR - T <sub>r</sub> = 10 anos	59,820.00		50	1.490			
102	Jacarézinho/PR - T <sub>r</sub> = 3 anos	31,200.00		50	1.380			
103	Jaciguá (Cach. Itapemirim/ES)	18.219	0.1758	12	0.7594			

104	João Pessoa/PB	369.41	0.150	5	0.568			
105	Juazeiro/BA	5592.554	0.242	40.039	1.093			
106	Laranjeiras do Sul/PR	771.97	0.148	8	0.726			
107	Leme/SP					35.1348	20	(0.8823)
108	Limeira/SP	77.56	0.173	25	-			
109	Linhares/ES	3647.235	0.223	20.665	1.00			
110	Lins/SP					57.4647	30	(0.9386)
111	Londrina/PR	3,132.56	0.009	30	0.939			
112	Macaé/RJ	444.258	0.263	6.266	0.655			
113	Mal. Floriano (Domingos Martins/ES)	17.514	0.1528	14	0.7723			
114	Maringá/PR	2085	0.213	10	1.09			
115	Martinópolis/SP					51.3805	30	(0.9334)
116	Medeiros Neto/BA	6899.271	0.227	40.913	1.107			
117	Miracema do Tocantins/TO	5958.095	0.173	35.298	1.043			
118	Morpará/BA	1121.26	0.233	19.746	0.783			
119	Morretes/PR	2,160.23	0.155	24	0.890			
120	Morrinhos/GO	1003.46	0.1376	10	0.7418			
121	Natal/RN	502.47	0.1431	10.8	0.606			
122	Natividade/TO	2113.85	0.206	30.296	0.845			
123	Niquelândia/GO	972.299	0.1204	10	0.742			
124	Nova Cantu/PR	2,778.43	0.149	24	0.940			
125	Nova Friburgo/RJ	2629.477	0.236	24.664	0.975			
126	Palmas/PR	1,303.47	0.126	12	0.815			
127	Palmital/PR	1,548.46	0.130	16	0.834			
128	Palotina/PR - T <sub>r</sub> 10 anos	2,737.79	-	29	0.833			
129	Palotina/PR - T <sub>r</sub> 2 anos	2,492.30	-	29	0.873			
130	Palotina/PR - T <sub>r</sub> 20 anos	2,866.82	-	29	0.822			
131	Palotina/PR - T <sub>r</sub> 5 anos	2,618.18	-	29	0.848			
132	Palotina/PR - T <sub>r</sub> 50 anos	3,041.59	-	29	0.810			
133	Paranavaí/PR	2,808.67	0.104	33	0.930			
134	Pato Branco/PR	879.43	0.152	9	0.732			
135	Perobinha (Domingos Martins/ES)	14.808	0.156	12	0.7594			
136	Piracicaba (2)/SP					47.8273	30	(0.9110)
137	Piraju/SP					37.3614	30	(0.8660)
138	Piraquara/PR	1,537.80	0.120	17	0.859			

139	Planalto/PR	1,659.59	0.156	14	0.840			
140	Ponta Grossa/PR	1,902.39	0.152	21	0.893			
141	Porto Alegre/RS	509.86	0.196	10	0.72			
142	Porto Alegre/RS - T <sub>R</sub> = 10 anos	29		3.9				
143	Porto Alegre/RS - T <sub>R</sub> = 15 anos	48		8.6				
144	Porto Alegre/RS - T <sub>R</sub> = 30 anos	95		16.5				
145	Porto Alegre/RS - T <sub>R</sub> = 5 anos	23		2.4				
146	Porto Amazonas/PR	2,543.31	0.196	27	0.952			
147	Presidente Prudente/SP	506.91	0.168	8	0.610			
148	Proj. Rio Formoso/TO	8950.25	0.194	71.072	1.027			
149	Rafael Jambeiro/BA	8999	0.245	56.068	1.119			
150	Resende/RJ	1652.972	0.182	21.41	0.767			
151	Rio de Janeiro/RJ - 1	99.15	0.217	26	1.150			
152	Rio de Janeiro/RJ - 2	5950	0.217	26	1.15			
153	Rio de Janeiro/RJ - 3	1239	0.15	20	0.74			
154	Rio Novo do Sul/ES	17.548	0.2005	12	0.7594			
155	Salto Grande/SP					26.4615	20	(0.8479)
156	Salvador/BA	1065.66	0.163	24	0.743			
157	Salvador2/BA	157.6100	0.2443	22	0.0000			
158	Santa Cruz da Vitória/BA	3450	0.239	34.012	0.989			
159	Santa Cruz/RJ	2474.281	0.2113	37.4228	0.9491			
160	Santa Izabel do Ivaí/PR	1,824.73	0.166	17	0.892			
161	Santa Maria da Vitória/BA	2873.405	0.216	29.656	0.946			
162	Santa Tereza/ES	632.265	0.247	13.543	0.714			
163	Santos/SP					18.85		-0.76
164	São Carlos/SP (Barbassa)	25.33	0.236	16	0.935			
165	São Gabriel da Palha/ES	1309.205	0.23	15.375	0.821			
166	São José do Rio Pardo/SP					24.1997	20	(0.8367)
167	São José do Rio Preto/SP					57.6545	30	(0.9480)
168	São Mateus/ES	4999.205	0.191	49.999	0.983			
169	São Miguel do Iguaçu/PR	2,886.69	0.124	26	0.927			
170	São Paulo/SP	3463	0.172	22	1.025			
171	São Paulo/SP - 1	1,747.00	0.181	15	0.890			
172	São Paulo/SP - 2	29.13	0.181	15	0.890			
173	São Paulo/SP - 3	4855.3	0.181	15	0.89			

174	São Paulo/SP - 4	57.71	0.172	22	0.74			
175	São Paulo/SP (Observatório IAG)					39.3015	20	(0.9228)
176	São Rafael (Domingos Martins/ES)	12.464	0.1933	12	0.7594			
177	São Simão/SP					33.54	20	-0.903
178	Serrana/SP					39.8213	25	(0.8987)
179	Sertão Oriental Nordeste	3,609.11	0.120	30	0.950			
180	Tapiraí/SP					27.4379	20	(0.8447)
181	Tatui/SP					19.7523	20	(0.7872)
182	Taubaté/SP					54.5294	30	(0.9637)
183	Teixeira Soares/PR	959.18	0.177	9	0.789			
184	Telêmaco Borba/PR	3,235.19	0.162	24	0.968			
185	Teodoro Sampaio/BA	5850	0.212	51.82	1.021			
186	Teodoro Sampaio/SP					47.2091	30	(0.9150)
187	Tibagi/PR	1,592.58	0.136	11	0.882			
188	Tocantinópolis/TO	9,862.00	0.187	69.638	1.072			
189	Tomazina/PR	2,676.70	0.149	29	0.931			
190	Tupiratis/TO	2300.09	0.155	31.686	0.869			
191	Ubatuba/SP					28.4495	40	(0.7564)
192	Umuarama/PR	1,752.27	0.148	17	0.840			
193	Urussanga/SC	3445.7	0.138	26	1.012			
194	Usina Paineiras (Itapemirim/ES)	16.031	0.1907	12	0.7594			
195	Vassouras/RJ	3086.29	0.20	22.081	1.00			
196	Venda Nova/ES	4147.062	0.205	33.842	1.00			
197	Viana/ES	16.718	0.1587	12	0.7594			
198	Vitória/ES	4003.611	0.203	49.997	0.931			
199	Votuporanga/SP					59.1192	30	(0.9566)
200	Aguas de Lindoia/SP	1900.679	0.166	24.995	0.849			
	Aracaju/SE	1520.88	0.188	10.52	0.753			

D	E	F	G	H	Unidade	Equação	
					mm/hora	Geral D.D. Silva et al.	
					mm/hora	Geral D.D. Silva et al.	
					mm/min	Geral Soprani et al	
					mm/hora	Geral D.D. Silva et al.	
					mm/hora	Geral Oliveira et al.	
					mm/hora	Geral Oliveira et al.	
					mm/hora	Geral Baena et al	
					mm/min	Geral Soprani et al	
2.6906	10	(0.6683)	(0.4766)	(0.8977)	mm/min	DAEE-FCTH Mero e Magni	
					mm/hora	Geral D.D. Silva et al.	
					mm/hora	Geral	
30	(0.9120)	(8.1740)	(15.9100)		mm/min	DAEE-FCTH Mero e Magni	
					mm/hora	Geral Oliveira et al.	
					mm/hora	Geral Fendrich	
					mm/hora	Geral D.D. Silva et al.	
					mm/hora	Geral Pruski, et al.	
					mm/hora	Geral Baena et al	
2.1429	15	(0.5482)	(0.4772)	(0.9010)	mm/min	DAEE-FCTH Mero e Magni	
18.4683	15	(0.9984)	(0.4772)	(0.9010)	mm/min	DAEE-FCTH Mero e Magni	
					mm/hora	Geral Fendrich	
					mm/hora	Geral Oliveira et al.	
					mm/hora	Geral pluvio	
					mm/hora	Geral Fendrich	
					mm/min	Geral Soprani et al	
					mm/hora	Geral da Silva	
					mm/hora	Geral da Silva	
5.9664	20	(0.7749)	(0.4772)	(0.9010)	mm/min	DAEE-FCTH Mero e Magni	0.6216
					mm/hora	Geral NP	
					mm/hora	Geral	
					mm/min	Geral	

3.9660	10	(0.7566)	(0.4754)	(0.8917)	mm/hora	Geral	D.D. Silva et al.	
5.4415	10	(0.8442)	(0.4885)	(0.9635)	mm/min	DAEE-FCT	Mero e Magni	
					mm/min	DAEE-FCT	Mero e Magni	
					L/s/há	Geral		
					mm/hora	Geral	da Silva	
22.7285	30	(0.9986)	(0.4716)	(0.8716)	mm/min	Geral	Soprani et al	
					mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	Oliveira et al.	0.6234
					mm/hora	Geral	Ribeiro Matos	
					mm/hora	Geral	Fendrich	0.92832731
					mm/hora	Geral	Vieira	0.92832731
					mm/hora	Geral	Oliveira et al.	
					mm/min	Geral	Costa	
2.0341	5	(0.6590)	(0.4778)	(0.9046)	mm/hora	Geral	Figueiredo	
					mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	D.D. Silva et al.	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	da Silva	1.2596
					mm/hora	Geral	Ribeiro Matos	
					mm/hora	Geral	Fendrich	
					mm/min	Geral	Soprani et al	
					mm/hora	Geral	Oliveira et al.	
					mm/hora	Geral	Oliveira et al.	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Oltímio	
					mm/hora	Geral	Ayres & Lopes	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	da Silva	
					mm/min	Geral	Soprani et al	
6.4266	20	(0.7050)	(0.4772)	(0.9010)	mm/hora	Geral	D.D. Silva et al.	
					mm/min	DAEE-FCT	Mero e Magni	
					mm/min	Geral		
					mm/hora	Geral	Souza, 1959	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Baena et al	

19.0899	30	(0.9296)	(0.4688)	(0.8573)	mm/min	Geral	Soprani et al
					mm/min	Geral	Soprani et al
					mm/min	DAEE-FCTH	Mero e Magni
					mm/hora	Geral	Novaes
					mm/hora	Geral	Pompeu
					mm/hora	Geral	Pompeu
					mm/hora	Geral	Baena et al
					mm/hora	Geral	da Silva
12.1571	20	(0.9424)	(0.4793)	(0.9126)	mm/hora	Geral	Matos
					mm/hora	Geral	Fendrich
					mm/min	DAEE-FCTH	Mero e Magni
					mm/hora	Geral	Oliveira et al.
					mm/hora	Geral	Baena et al
					mm/min	Geral	Soprani et al
					mm/hora	Geral	Fendrich & Freitas
					mm/hora	Geral	Fendrich
2.2482	5	(0.6276)	(0.5009)	(1.0334)	mm/hora	Geral	Fendrich
					mm/min	DAEE-FCTH	Mero e Magni
1.7487	77	(0.2852)	(0.4801)	(0.9171)	mm/min	Geral	da Silva
					mm/min	Geral	Soprani et al
31.7694	77	(0.8328)	(0.4801)	(0.9171)	mm/min	DAEE-FCTH	Mero e Magni
					mm/hora	Geral	Mero e Magni
					mm/hora	Geral	D.D. Silva et al.
					mm/hora	Geral	pluvio
					mm/hora	Geral	da Silva
					mm/hora	Geral	Oliveira et al.
					mm/hora	Geral	da Silva
					mm/hora	Geral	da Silva
11.4493	10	(0.9224)	(0.4778)	(0.9046)	mm/hora	Geral	D.D. Silva et al.
					mm/min	DAEE-FCTH	Mero e Magni
8.0659	25	(0.8537)	(0.4793)	(0.9126)	mm/min	DAEE-FCTH	Mero e Magni
					mm/hora	Geral	da Silva
					mm/hora	Geral	Fendrich
					mm/hora	Geral	SUCEPAR
					mm/hora	Geral	SUCEPAR
					mm/min	Geral	Soprani et al

					mm/hora	Geral	J. A. Souza	
					mm/hora	Geral	da Silva	1.06891649
					mm/hora	Geral	Fendrich	
7.9502	20	(0.8101)	(0.4760)	(0.8946)	mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	Vieira	
					mm/hora	Geral	D.D. Silva et al.	
16.5999	65	(0.9078)	(0.4778)	(0.9046)	mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	D.D. Silva et al.	
					mm/min	Geral	Soprani et al	
					mm/hora	Geral	Soares & Soares	
20.5323	40	(0.9671)	(0.4754)	(0.8917)	mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	Baena et al	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Oliveira et al.	
					mm/hora	Geral		
					mm/hora	Geral	Baena et al	
					mm/hora	Geral	Oliveira et al.	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	D.D. Silva et al.	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich & Freitas	
					mm/hora	Geral	Fendrich	
					mm/min	Geral	Soprani et al	
19.2043	30	(0.9256)	(0.4820)	(0.9273)	mm/min	DAEE-FCT	Mero e Magni	
10.0167	60	(0.8427)	(0.4766)	(0.8977)	mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	Fendrich	



					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral		
					mm/min	Porto		
					mm/min	Porto		
					mm/min	Porto		
					mm/min	Porto		
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Sudo et al	
					mm/hora	Geral	Baena et al	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	D.D. Silva et al.	
					mm/min	Geral	Novaes	
					mm/hora	Geral	Novaes	
					mm/hora	Geral		
5.1394	10	(0.8016)	(0.4713)	(0.8699)	mm/min	Geral	Soprani et al	0.8452
					mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral		
					mm/hora	Geral	Ribeiro Matos	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	D.D. Silva et al.	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	da Silva	
					mm/hora	Geral	D.D. Silva et al.	
20	-0.76	-3.315	-6.08		mm/min	DAEE-FCT	Mero e Magni	
					mm/min	Geral	Barbassa	
					mm/hora	Geral	D.D. Silva et al.	
3.9564	10	(0.7504)	(0.4681)	(0.8540)	mm/min	DAEE-FCT	Mero e Magni	
13.1313	30	(0.9485)	(0.4754)	(0.8917)	mm/min	DAEE-FCT	Mero e Magni	
					mm/hora	Geral	D.D. Silva et al.	
					mm/hora	Geral	Fendrich	
					mm/hora	Geral	Wilken	
					mm/hora	Geral	Wilken	
					mm/min	Geral	Wilken	
					L/s/há	Geral	Wilken	

10.1767	20	(0.8764)	(0.4653)	(0.8407)	mm/hora	Geral Wilken
					mm/min	)}AEE-FCT)} Mero e Magni
10	-0.461	-0.608	-1.121		mm/min	Geral Soprani et al
9.1245	15	(0.8658)	(0.4786)	(0.9085)	mm/min	)}AEE-FCT)} Mero e Magni
					mm/hora	Geral Projeto Sertanejo
4.3767	15	(0.7369)	(0.4744)	(0.8863)	mm/min	)}AEE-FCT)} Mero e Magni
5.5111	20	(0.7609)	(0.4766)	(0.8977)	mm/min	)}AEE-FCT)} Mero e Magni
11.0319	20	(0.9116)	(0.4740)	(0.8839)	mm/min	)}AEE-FCT)} Mero e Magni
					mm/hora	Geral Fendrich
					mm/hora	Geral Fendrich
7.0141	20	(0.8321)	(0.4786)	(0.9085)	mm/min	Geral da Silva
					mm/hora	)}AEE-FCT)} Mero e Magni
					mm/hora	Geral Fendrich
					mm/hora	Geral Baena et al
					mm/hora	Geral Fendrich
17.2878	70	(0.8236)	(0.4700)	(0.8637)	mm/min	Geral Baena et al
					mm/hora	)}AEE-FCT)} Mero e Magni
					mm/hora	Geral Fendrich
					mm/hora	Geral Back (2002)
					mm/min	Geral Soprani et al
					mm/hora	Geral D.D. Silva et al.
					mm/hora	Geral D.D. Silva et al.
					mm/min	Geral Soprani et al
					mm/hora	Geral D.D. Silva et al.
7.5593	30	(0.8250)	(0.4744)	(0.8863)	mm/min	)}AEE-FCT)} Mero e Magni
					mm/h	Geral Gumbel