

MÉTODO RACIONAL MODIFICADO (TÉMEZ)

CUENCA : **C-1**

factor I1/Id= **11.00**
 beta **2.3**
 Tc = **1.19**
 P₀ = **48.3**

COEF. REDUCCIÓN AREAL (SUBCUENCA)

ÁREA [km²] **2.2** K_A = **0.98**

ÁREA TOTAL

AREA (km²)

0.690

COTA ALTA(m) **44.3**

COTA BAJA(m) **18.3**

L (km) **2.05**

J(m/m) **0.0127**

Tc (h)= 1.19

ÁREAS Y UMBRALES DE ESCORRENTÍA

ZONA	Area (km ²)	P _{oi}	P _{oi} (correg)
	0.6900	21	48.3
			0.0
			0.0
A total	0.690	21.0	48.3

COEF. DE UNIFORMIDAD TEMPORAL

K = **1.08**

T [años]	Pd [mm/día]	P*d [mm/día]	ld [mm/h]	lt [mm/h]	Pd/Po	C	Q [m ³ /s]	CIA/3.6*K
5.0	142	139	5.78	57.30	2.87	0.25	2.99	
7.5	165	161	6.72	66.58	3.34	0.30	4.13	
10.0	182	178	7.41	73.44	3.68	0.33	5.05	
15.0	206	201	8.39	83.13	4.17	0.37	6.44	
25.0	238	233	9.69	96.04	4.82	0.42	8.44	
100.0	332	324	13.52	133.97	6.72	0.54	15.03	

MÉTODO RACIONAL MODIFICADO (TÉMEZ)

CUENCA : **C-2**

factor I1/I_d= **11.00**
 beta **2.3**
 T_c = **0.77**
 P₀ = 52.9

COEF. REDUCCIÓN AREAL (SUBCUENCA)

ÁREA [km²] **2.2** K_A = 0.98

ÁREA TOTAL

AREA (km²)

0.450

COTA ALTA(m) **57.5**

COTA BAJA(m) **19.2**

L (km) **1.41**

J(m/m) 0.0273

T_c (h)= **0.77**

ÁREAS Y UMBRALES DE ESCORRENTÍA

ZONA	Area (km ²)	P _{oi}	P _{oi} (correg)
	0.4500	23	52.9
A total	0.450	23.0	52.9

COEF. DE UNIFORMIDAD TEMPORAL

K = 1.05

T [años]	Pd [mm/día]	P*d [mm/día]	ld [mm/h]	lt [mm/h]	Pd/Po	C	Q [m ³ /s]	CIA/3.6*K
5.0	142	139	5.78	74.35	2.62	0.22	2.18	
7.5	165	161	6.72	86.40	3.05	0.27	3.06	
10.0	182	178	7.41	95.30	3.36	0.30	3.77	
15.0	206	201	8.39	107.87	3.81	0.34	4.85	
25.0	238	233	9.69	124.62	4.40	0.39	6.41	
100.0	332	324	13.52	173.84	6.13	0.51	11.61	

MÉTODO RACIONAL MODIFICADO (TÉMEZ)

CUENCA : **C-4**

factor I1/Id= **11.00**
 beta **2.3**
 Tc = **0.81**
 P₀ = 52.9

COEF. REDUCCIÓN AREAL (SUBCUENCA)

ÁREA [km²] **2.2** K_A = 0.98

ÁREA TOTAL

AREA (km²)

0.580

COTA ALTA(m) **68.5**

COTA BAJA(m) **20.3**

L (km) **1.56**

J(m/m) 0.0309

Tc (h)= 0.81

ÁREAS Y UMBRALES DE ESCORRENTÍA

ZONA	Area (km ²)	P _{oi}	P _{oi} (correg)
	0.5800	23	52.9
A total	0.580	23.0	52.9

COEF. DE UNIFORMIDAD TEMPORAL

K = 1.05

T [años]	Pd [mm/día]	P*d [mm/día]	ld [mm/h]	lt [mm/h]	Pd/Po	C	Q [m ³ /s]	CIA/3.6*K
5.0	142	139	5.78	71.94	2.62	0.22	2.73	
7.5	165	161	6.72	83.59	3.05	0.27	3.83	
10.0	182	178	7.41	92.20	3.36	0.30	4.72	
15.0	206	201	8.39	104.36	3.81	0.34	6.07	
25.0	238	233	9.69	120.58	4.40	0.39	8.02	
100.0	332	324	13.52	168.20	6.13	0.51	14.53	

MÉTODO RACIONAL MODIFICADO (TÉMEZ)

CUENCA : **C-5**

factor I1/I_d= **11.00**
 beta **2.3**
 T_c = **1.87**
 P₀ = 52.9

COEF. REDUCCIÓN AREAL (SUBCUENCA)

ÁREA [km²] **2.2** K_A = 0.98

ÁREA TOTAL

AREA (km²)

0.250

COTA ALTA(m) **18.9**

COTA BAJA(m) **18.3**

L (km) **1.56**

J(m/m) 0.0004

Tc (h)= 1.87

ÁREAS Y UMBRALES DE ESCORRENTÍA

ZONA	Area (km ²)	P _{oi}	P _{oi} (correg)
	0.2500	23	52.9
A total	0.250	23.0	52.9

COEF. DE UNIFORMIDAD TEMPORAL

K = 1.14

T [años]	Pd [mm/día]	P*d [mm/día]	ld [mm/h]	lt [mm/h]	Pd/Po	C	Q [m ³ /s]	CIA/3.6*K
5.0	142	139	5.78	42.93	2.62	0.22	0.76	
7.5	165	161	6.72	49.88	3.05	0.27	1.06	
10.0	182	178	7.41	55.02	3.36	0.30	1.31	
15.0	206	201	8.39	62.28	3.81	0.34	1.68	
25.0	238	233	9.69	71.95	4.40	0.39	2.23	
100.0	332	324	13.52	100.37	6.13	0.51	4.03	

