

APPENDIX M

**Peak Q's for Small
Developed Drainage Areas**

GROUP

SOIL CLASSIFICATION = Runoff Coefficient

Runoff Coefficient Groups																	
RC	G	RC	G	RC	G	RC	G	RC	G	RC	G	RC	G	RC	G	RC	G
1	-	21	B	41	B	61	B	81	A	101	B	121	B	141	A	161	B
2	A	22	A	42	A	62	A	82	A	102	A	122	B	142	A	162	A
3	B	23	A	43	B	63	A	83	-	103	A	123	A	143	B	163	A
4	A	24	B	44	A	64	A	84	B	104	A	124	B	144	B	164	A
5	A	25	A	45	B	65	A	85	B	105	A	125	B	145	B	165	A
6	A	26	B	46	B	66	A	86	B	106	B	126	B	146	A	166	B
7	A	27	B	47	A	67	B	87	B	107	A	127	B	147	A	167	A
8	A	28	B	48	A	68	A	88	B	108	A	128	B	148	B	168	B
9	A	29	A	49	A	69	B	89	A	109	A	129	B	149	B	169	B
10	B	30	B	50	A	70	A	90	A	110	A	130	B	150	B	170	B
11	A	31	B	51	A	71	A	91	A	111	A	131	B	151	A	171	B
12	A	32	A	52	B	72	A	92	A	112	A	132	B	152	A	172	B
13	A	33	A	53	B	73	A	93	A	113	A	133	A	153	B		
14	A	34	A	54	A	74	B	94	A	114	A	134	B	154	A		
15	B	35	B	55	A	75	B	95	A	115	A	135	A	155	A		
16	A	36	A	56	A	76	B	96	B	116	B	136	B	156	A		
17	A	37	B	57	B	77	A	97	A	117	A	137	A	157	B		
18	B	38	A	58	A	78	B	98	A	118	A	138	B	158	B		
19	B	39	A	59	A	79	A	99	A	119	B	139	A	159	A		
20	B	40	A	60	B	80	A	100	A	120	A	140	A	160	B		

RC = Runoff Coefficient Curve Number
 G = Group Letter (See Pages 2 & 3)

NOT for use for Areas Greater

 than 10 Acres

Los Angeles County
 Department of Public Works
 CAPITAL FLOOD Q'S FOR SMALL
 DEVELOPED DRAINAGE AREAS
 -
 RUNOFF COEFFICIENT GROUP
 DEFINITION

Area (Acres)	Capital Flood Q's by Rainfall Zone:				
	I	J	K	L	M
0.5	2.0	1.5	2.3	2.8	3.3
1.0	4.0	2.9	4.5	5.6	6.5
1.5	5.9	4.4	6.8	8.4	9.8
2.0	7.9	5.9	9.1	11.0	13.0
2.5	9.9	7.4	11.0	14.0	16.0
3.0	12.0	8.8	14.0	17.0	20.0
3.5	14.0	10.0	16.0	19.0	23.0
4.0	16.0	12.0	18.0	22.0	26.0
4.5	18.0	13.0	20.0	25.0	29.0
5.0	20.0	15.0	23.0	28.0	33.0
5.5	22.0	16.0	25.0	31.0	36.0
6.0	24.0	18.0	27.0	33.0	39.0
6.5	26.0	19.0	29.0	36.0	42.0
7.0	28.0	21.0	32.0	39.0	46.0
7.5	30.0	22.0	34.0	42.0	49.0
8.0	32.0	24.0	36.0	45.0	52.0
8.5	34.0	25.0	39.0	47.0	56.0
9.0	36.0	26.0	41.0	50.0	59.0
9.5	38.0	28.0	43.0	53.0	62.0
10.0	40.0	29.0	45.0	55.0	65.0

NOT for use for Areas Greater Than 10 Acres.

QAREA2.TAB

Flood Level Adjustment	
Flood Level	Factor
10 Yrs. Urban	0.696 0.855

To Adjust from a Capital Flood to a 10-Year or Urban Flood, Multiply the Table Q by the Factor.

Los Angeles County
Department of Public Works
CAPITAL FLOOD Q'S FOR SMALL
DEVELOPED DRAINAGE AREAS
-
RUNOFF COEFFICIENT GROUP A

Area (Acres)	Capital Flood Q's by Rainfall Zone:				
	I	J	K	L	M
0.5	1.8	1.4	2.1	2.6	3.0
1.0	3.3	2.6	4.0	4.9	5.7
1.5	4.8	3.7	5.8	7.1	8.2
2.0	6.2	4.9	7.6	9.2	11.0
2.5	7.6	6.0	9.4	11.0	13.0
3.0	8.9	7.0	11.0	13.0	15.0
3.5	10.0	8.1	13.0	15.0	18.0
4.0	12.0	9.2	14.0	17.0	20.0
4.5	13.0	10.0	16.0	19.0	22.0
5.0	14.0	11.0	18.0	21.0	24.0
5.5	15.0	12.0	19.0	23.0	27.0
6.0	17.0	13.0	21.0	25.0	29.0
6.5	18.0	14.0	23.0	27.0	31.0
7.0	19.0	15.0	24.0	29.0	33.0
7.5	20.0	16.0	26.0	31.0	35.0
8.0	21.0	17.0	27.0	33.0	37.0
8.5	23.0	18.0	29.0	35.0	40.0
9.0	24.0	19.0	30.0	36.0	42.0
9.5	25.0	20.0	32.0	38.0	44.0
10.0	26.0	21.0	34.0	40.0	46.0

NOT for use for Areas Greater Than 10 Acres.

QAREA3.TAB

Flood Level Adjustment

Flood Level	Factor
10 Yrs. Urban	0.696 0.855

To Adjust from a Capital Flood
to a 10-Year or Urban Flood,
Multiply the Table Q by the Factor.

Los Angeles County
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CAPITAL FLOOD Q'S FOR SMALL
DEVELOPED DRAINAGE AREAS
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RUNOFF COEFFICIENT GROUP B