

**Table B-3
Runoff Coefficients for Urban Areas**

Land Use		Runoff Coefficients (SE) ¹	City of Saskatoon ^{2,3,4}			
			2 year	5 year	25 year	100 year
Business/ Commercial	Downtown	0.70 to 0.95	0.85	0.85	0.90	0.90
	Neighbourhood	0.50 to 0.70	0.60	0.65	0.70	0.80
Residential	Single-family	0.30 to 0.50	0.30	0.35	0.45	0.60
	Multi-units, detached	0.40 to 0.60				
	Multi-units, attached	0.60 to 0.75				
Suburban		0.25 to 0.40	N/A	N/A	N/A	N/A
Apartments		0.50 to 0.70	0.65	0.70	0.75	0.80
Industrial	Light	0.50 to 0.80	N/A	N/A	N/A	N/A
	Heavy	0.60 to 0.90	N/A	N/A	N/A	N/A
Parks, cemeteries		0.10 to 0.25	0.10	0.15	0.25	0.30
Playgrounds		0.20 to 0.40				
Lawns	Sandy soil, flat 2%	0.05 to 1.10				
	Sandy soil, average, 2 to 7%	0.10 to 0.15				
	Sandy soil, steep, 7%	0.15 to 0.20				
	Heavy soil, flat, 2%	0.13 to 0.17				
	Heavy soil, average, 2 to 7%	0.18 to 0.25				
	Heavy soil, steep, 7%	0.25 to 0.35				
Railroad yards		0.20 to 0.40	N/A	N/A	N/A	N/A
Unimproved		0.10 to 0.30	0.05	0.10	0.15	0.20
Streets	Asphalt	0.70 to 0.95	0.90	0.90	0.95	0.95
	Concrete	0.80 to 0.95	N/A	N/A	N/A	N/A
	Brick	0.70 to 0.85	N/A	N/A	N/A	N/A
	Drives and Walks	0.75 to 0.85	N/A	N/A	N/A	N/A
	Gravel	N/A	0.15	0.25	0.45	0.65
Roofs		0.75 to 0.95	N/A	N/A	N/A	N/A