

Updates

- 4/16/2013

Typically each state will have a table of runoff coefficients in their stormwater manual.

For example, **Virginia**:

http://www.dcr.virginia.gov/stormwater_management/documents/smhbdraft05.pdf.

Another example is here: <http://water.me.vccs.edu/courses/civ246/table2b.htm>,

North Carolina's table is listed below;

Rational runoff coefficients (ASCE, 1975; Viessman, et al., 1996; and Malcom, 1999)

<u>Description of Surface</u>	<u>Rational Runoff Coefficients, C</u>
Unimproved Areas	0.35
Asphalt	0.95
Concrete	0.95
Brick	0.85
Roofs, inclined	1.00
Roofs, flat	0.90
Lawns, sandy soil, flat (<2%)	0.10
Lawns, sandy soil, average (2-7%)	0.15
Lawns, sandy soil, steep (>7%)	0.20
Lawns, heavy soil, flat (<2%)	0.15
Lawns, heavy soil, average (2-5%)	0.20
Lawns, heavy soil, steep (>7%)	0.30
Wooded areas	0.15

Use your State's specific runoff coefficients, if available.

If none are available in the State's stormwater manual, use the table above or compute manually using the form at;

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