

## 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/smhbdrt05.pdf](http://www.dcr.virginia.gov/stormwater_management/documents/smhbdrt05.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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