

Minnesota Hydrology Flowchart

*** Effective March 1, 2010 use Type II rainfall for all hydrology calculations in MN ***

DA = Drainage Area

T_c = time of concentration in hours

F&M = Folmar & Miller equation $T_c = (LHL^{0.65})/108.3$

LHL = Longest Hydraulic Length in feet

Model^{*1} = WinTR-20 or HEC-HMS or WinTR-55

Note: If storage in the watershed effects more than 10% of the runoff, modeling is recommended to account for storage.

