CHAPTER 39

SWAT INPUT DATA: .SDR

SUBBASIN DRAINAGE FILE (.SDR)

Variable name	Definition
TITLE	The first line of the file is reserved for user comments. The comments may take up to 80 spaces. The title line is not processed by the model and may be left blank.
RE	Effective radius of drains (mm)
	Range (3.0 – 40.0 mm)
SDRAIN	Distance between two drain tubes or tiles (mm)
	Range (7600 – 30000 mm)
DRAIN_CO	Daily drainage coefficient (mm day^{-1}).
	Tile drainage routines flag/code: 1 = DRAINMOD tile equations (Subroutine DRAINS)
	Range (10-51 mm day^{-1})
PC	Pump capacity (mm h^{-1})
	Default value = 1.042 mm h^{-1} or 22 mm day^{-1}
LATKSATF	Multiplication factor to determine lateral ksat (conk(j1,j)) from SWAT ksat input value (sol_k(j1,j)) for HRU
	Range (0.01 - 4.00)

Variable name	Line #	Format	F90 Format
TITLE	1	character	a80
RE	2	real	free
SDRAIN	3	real	free
DRAIN	4	real	free
PC	5	real	free
LATKSATF	6	real	free