

EPIC output variable name	EPIC variable description	SWAT point source variable names	SWAT point source variable description	Conversion from EPIC to SWAT
Q/QDRN/SSF	Surface flow, tile drainage, and subsurface flow (mm)	FLODAY	Contribution to stream flow for the day (m ³)	FLODAY = (Q+QDRN+SSF) × area
MUSL	Sediment loss (kg ha ⁻¹)	SEDDAY	Sediment loading to reach for the day (metric tons)	SEDDAY = (MUSL) × area × delivery ratio
YON	N loss with sediment (kg ha ⁻¹)	ORGNDAY	Organic N loading to reach for the day (kg N)	ORGNDAY = (YON) × area × delivery ratio
YP	P loss with sediment (kg ha ⁻¹)	ORGPDAY	Organic P loading to reach for the day (kg P)	ORGPDAY = (YP) × area × delivery ratio
QNO3/DRNN/SSFN	N loss in surface runoff, tile drainage, and subsurface flow (kg ha ⁻¹)	NO3DAY	NO ₃ loading to reach for the day (kg N)	NO3DAY = (QNO3+DRNN+SSFN) × area
QAP/SSFP	P loss in surface and subsurface flow (kg ha ⁻¹)	MINPDAY	Mineral P loading to reach for the day (kg P)	MINPDAY = (QAP+SSFP) × area