

Walker Branch Watershed Long-term hydrology, stream

ecology, biogeochemistry research

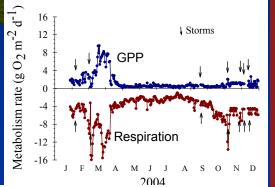
Vadose Zone

Šaturation) Saturated Soil Zone (<u>Perm</u>anent Saturation)

Bedrock Zone (Fracture Flow)

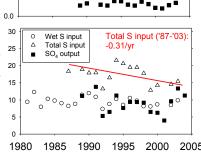
(Transient, Perched)

WALKER BRANCH WATERSHED Hydrologic Flowpaths



Vadde Zone
Unsaturated Drainage
SaturateD
ZONE
N D
BEDROCK

flux (kg/ha/y)



May - Sept

Catchment water balance and subsurface flowpaths

Catchment nutrient budgets

Stream metabolism and nutrient cycling

Algae, bryophytes, and effects of light, nutrients and herbivory

Organic matter dynamics and food webs

