When is recharge occurring?
Checking the Model Results

Source: USGS
Determining Baseflow

- WEDBOO CREEK NEAR JAMESTOWN, SC (217680)
- Fork Creek at Jefferson, SC (2131305)
- GILLS CREEK AT COLUMBIA, SC (2169570)
NEXT STEPS

• Modify model to run using transient land cover – Mark Nardi USGS

• Input model outputs to GW flow model – Bruce Campbell

• Use downcaled global climate models (IPCC) and land use change modeling (NC State – Georgina Sanchez) to assess potential impacts on groundwater recharge / groundwater system