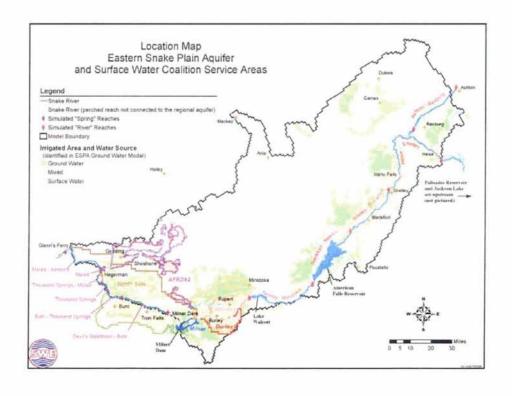


ESPA GW Model Development

- Model development
 - Open and collaborative process
 - Consensus reached on many, but not all model assumptions
 - Details were left to the model developers (IV/RRI/IDWR)
- Model is a useful tool for translating actual or potential activities over the ESPA into effects on:
 - River flows
 - Spring flows
 - Ground water levels
- Model limitations:
 - Not suitable for localized impairs.
 - Not suitable for less than annual or sesson impacts



5



ESPA GW Model Use Conjunctive MANAGEMENT Evaluation of potential water management activities Determine effects on system hydrology and water supply Conjunctive ADMINISTRATION Evaluate effects of pumping on surface water supplies Identify curtailment dates and mitigation requirements IDWR's current use of ESPA ground water model

