

# What We've Learned about the Ames Aquifer

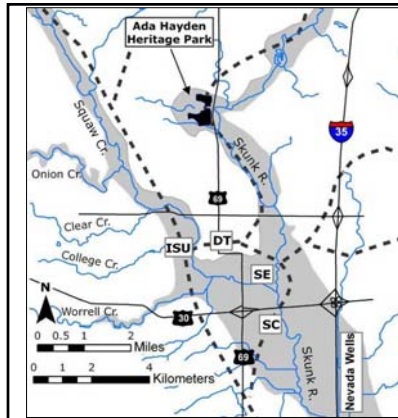
Dr. Bill Simpkins  
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## Major Points

- The unconfined aquifer is very large
- Proposed 15 MGD attained by
  - Continually rehabilitating existing wells
  - Adding at least one new well field
- Aquifer interacts with rivers
  - Responds quickly to river levels
  - Age stratification in the aquifer

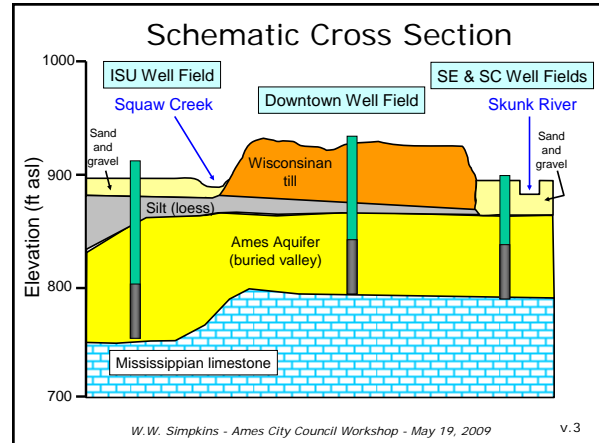
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Map of Ames Aquifer and Region

22 wells in 4 well fields

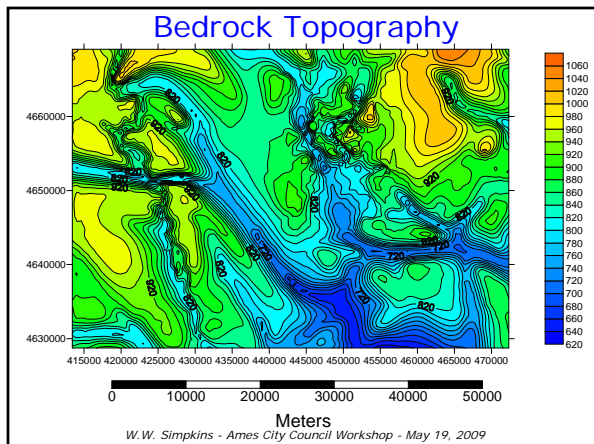
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Schematic Cross Section

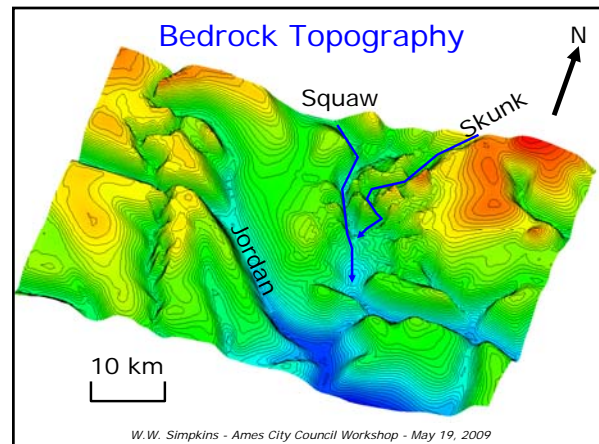
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v.3



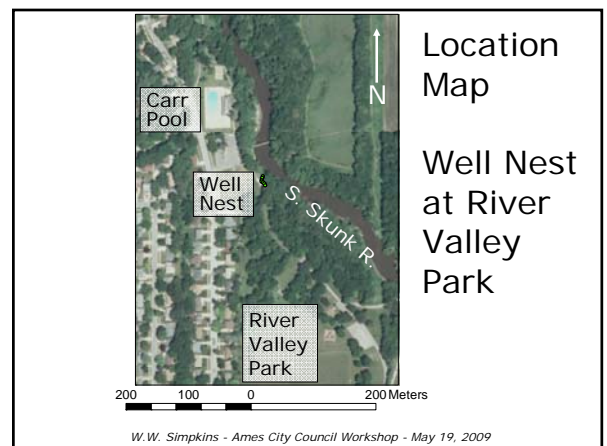
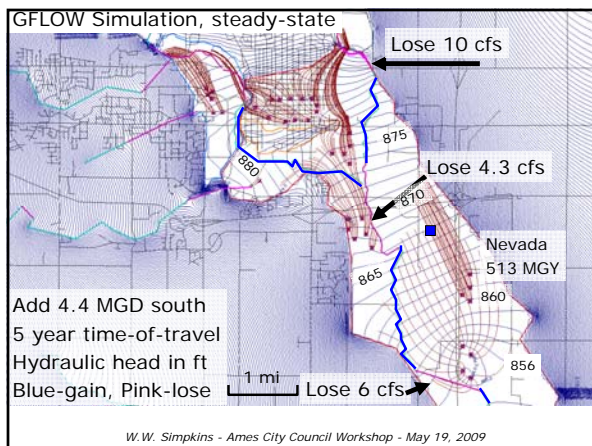
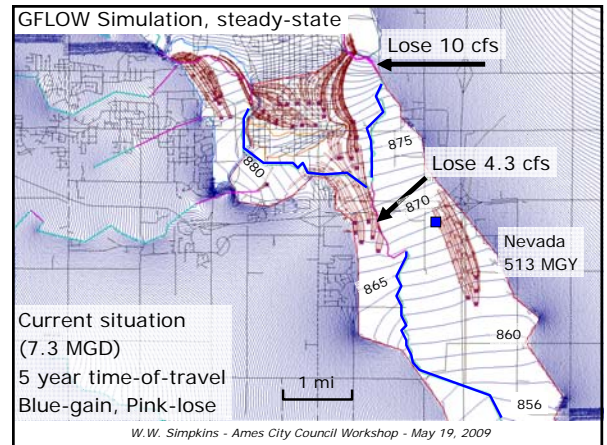
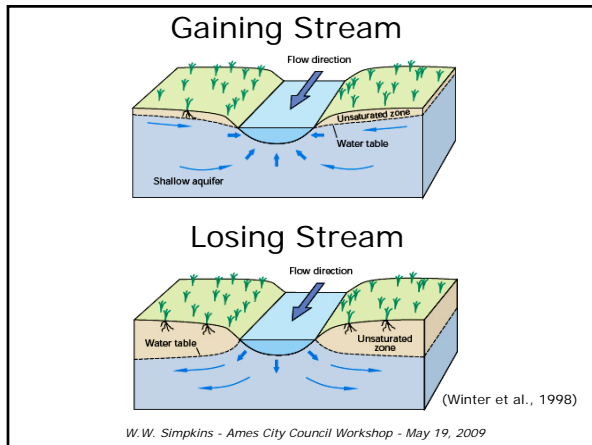
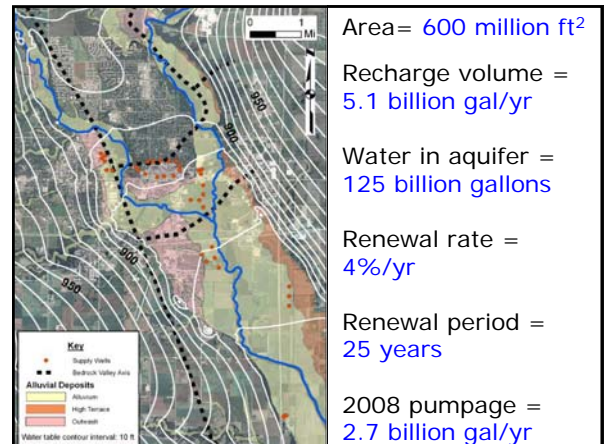
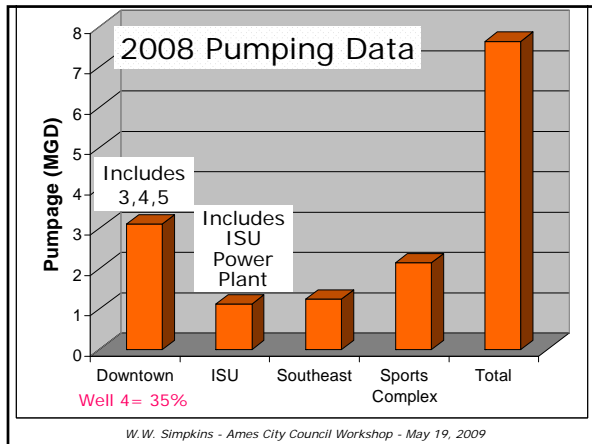
Bedrock Topography

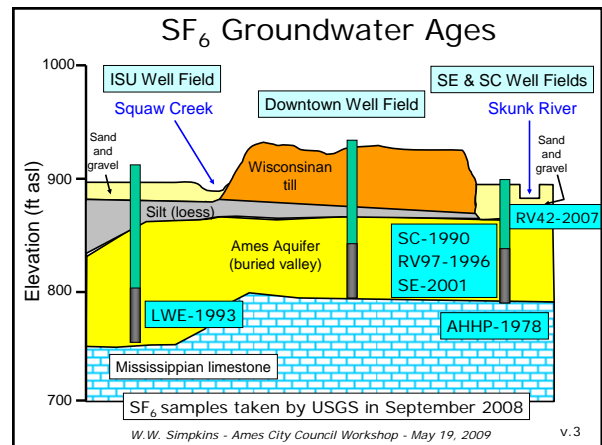
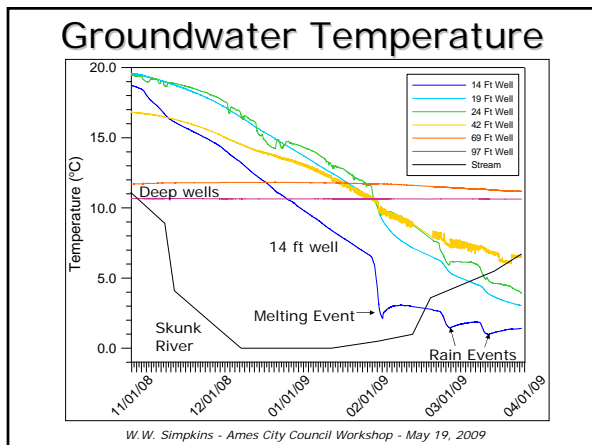
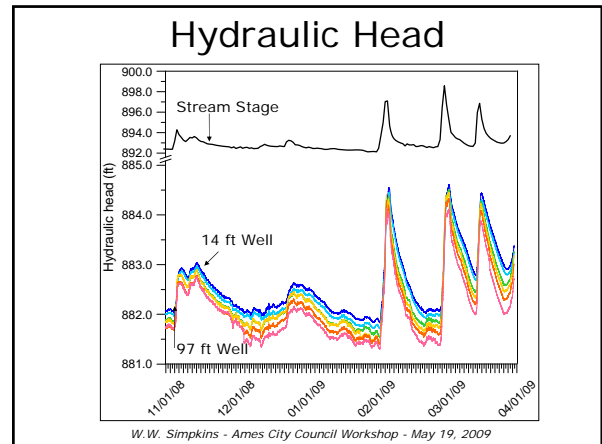
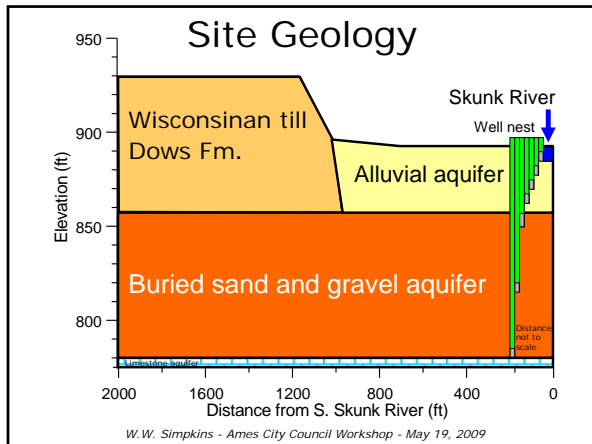
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