



United States Department of Agriculture
Natural Resources Conservation Service

National Water Management Center

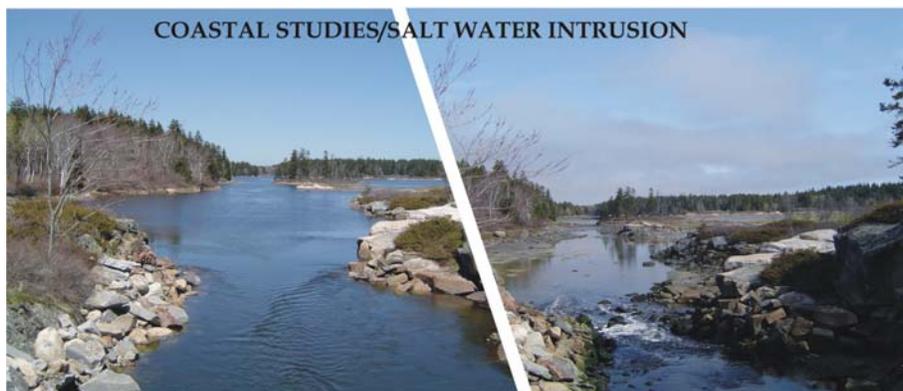
Website: <http://wmc.ar.nrcs.usda.gov/>
Keith Admire, Director

GROUND WATER

The Ground Water Staff at the National Water Management Center provides direct assistance, technology transfer and planning assistance with ground water issues. NWMC staff provide assistance in ground water quantity and supply for various agricultural applications, ground water quality including nutrient/pesticide transport and processing issues, pollutant source and tracer studies, sediment and soil quality, surface water-ground water interaction characterization including karst and other vulnerable aquifer settings, information on hydrogeologic framework description and controls, development of aquifer visualization approaches, identification and development of modeling and analytical tools and approaches for ground water management.

Examples of Assistance to the States and National Involvement Efforts

Aquifer Studies - AR, VT, WY, RI, Guam, ME, Suriname, China
Ground Water Instrumentation - VT, WY, ME, Suriname
Conjunctive Use Optimization Studies - RI
Ground Water Planning - WY, RI, Suriname
Development, Review and Evaluation of Conservation Practice Standards



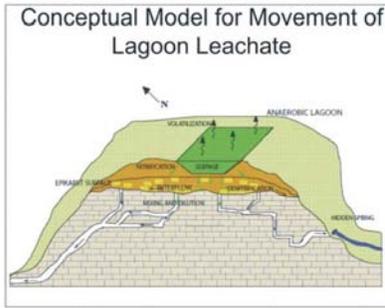
Core Team

Watershed Specialist

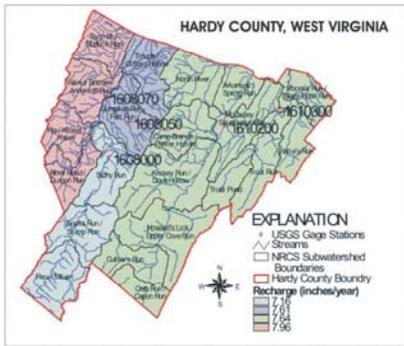
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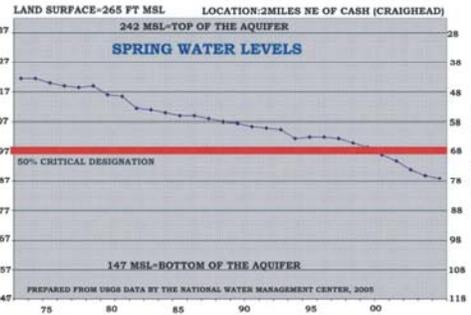
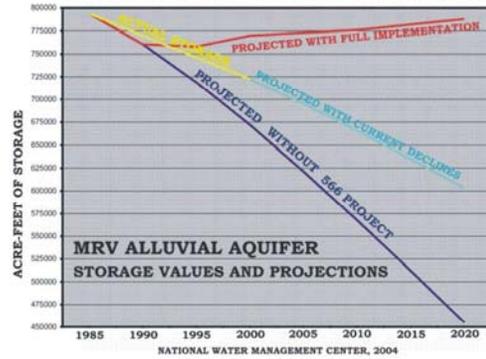
GROUNDWATER IN KARST SETTINGS



SAFE YIELDS-RECHARGE-WATER USE

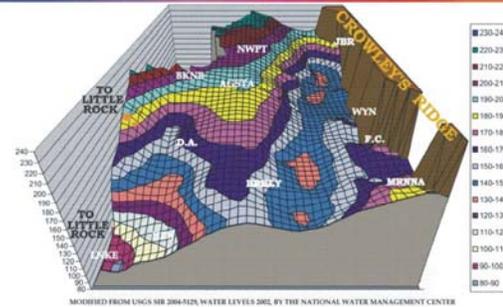


GROUNDWATER STORAGE-LEVELS



GROUNDWATER 3-D VISUALIZATION

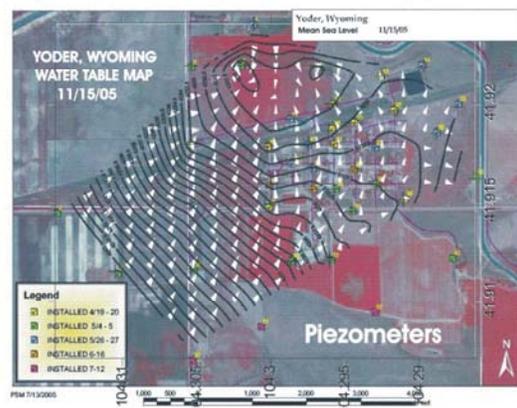
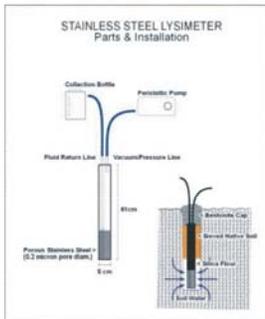
MISSISSIPPI RIVER ALLUVIAL AQUIFER
POTENTIOMETRIC SURFACE-SPRING 2002



GROUNDWATER QUALITY AND SOIL QUALITY



GROUNDWATER INSTRUMENTATION, MONITORING AND ANALYSIS



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