

Quality Scientific Analysis for the Long Term

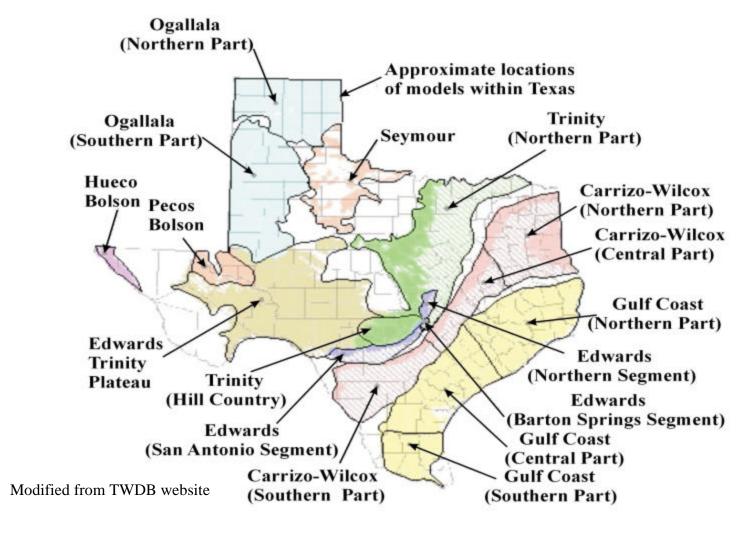
Hydrogeology and Simulation of Ground-Water Flow and Land-Surface Subsidence in the Chicot, Evangeline, and Jasper Aquifers, Houston Area, Texas

Mark C. Kasmarek & Eric W. Strom

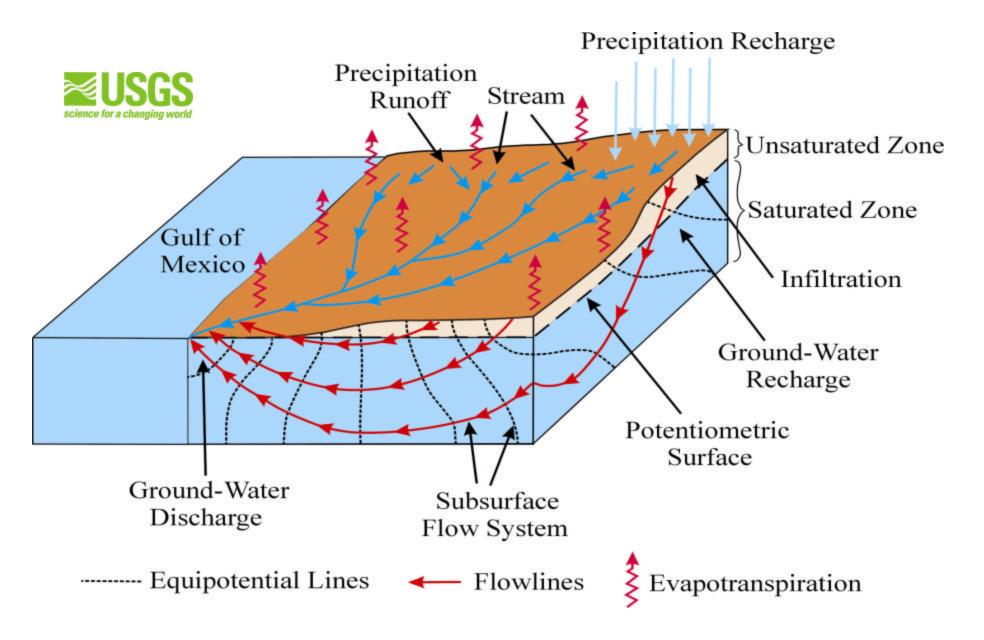
In Cooperation with: Texas Water
Development Board, HarrisGalveston Coastal Subsidence
District, San Jacinto River Authority,
and the City of Houston



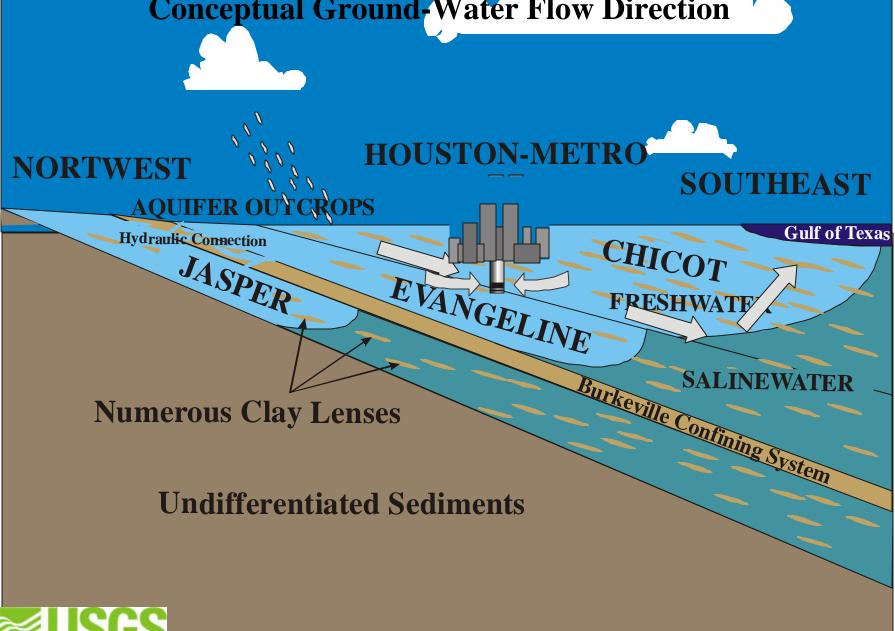
TWDB Ground-Water Availability Models in Texas



Conceptual Chicot Aquifer Flow System









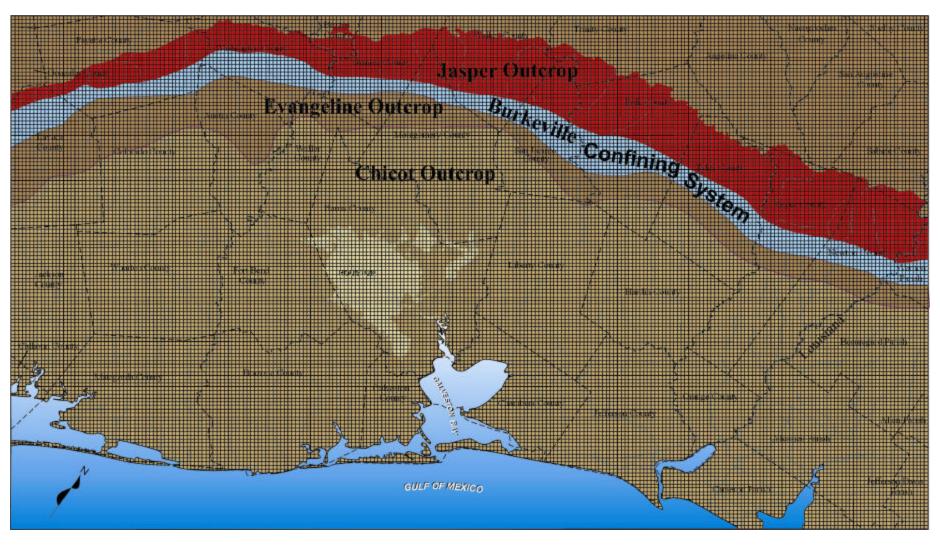


Upper Gulf Coast GAM Aquifer Outcrops



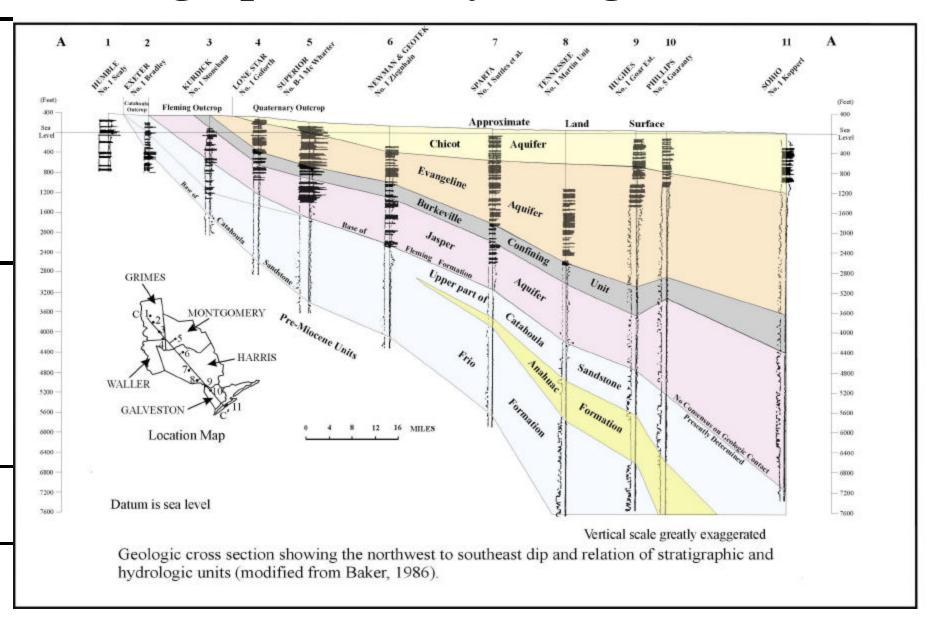


Upper Gulf Coast GAM Grid

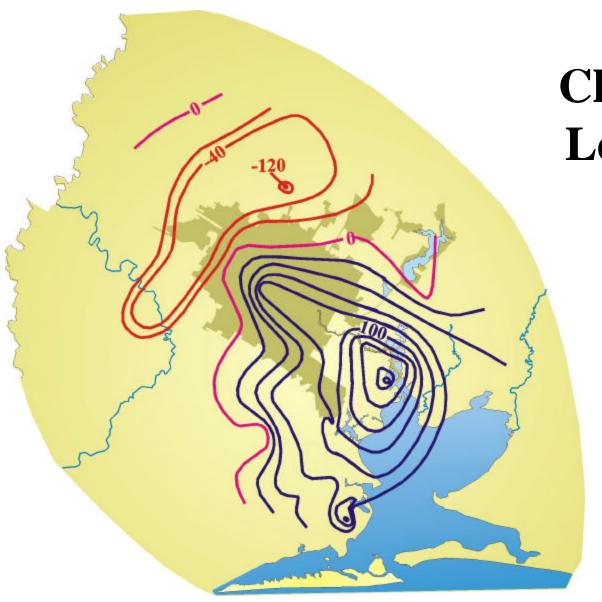




Stratigraphic and Hydrologic Sections





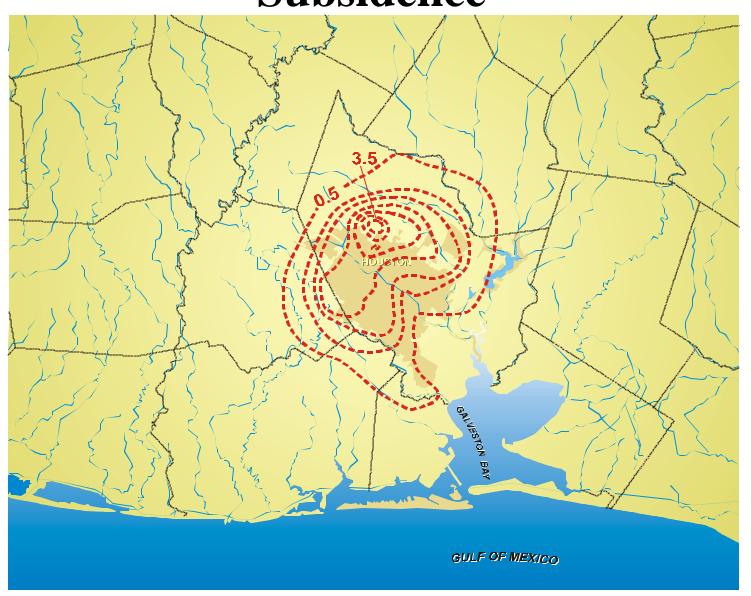


Chicot Water-Level Change Map

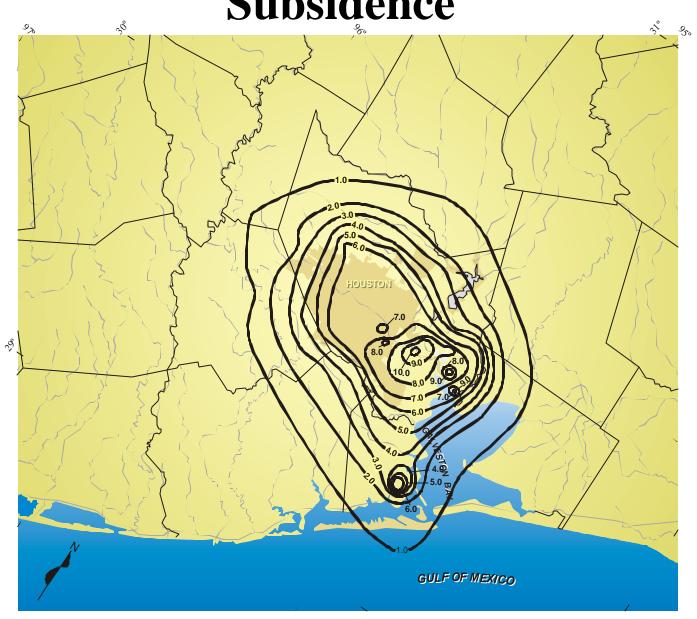
1977-1999

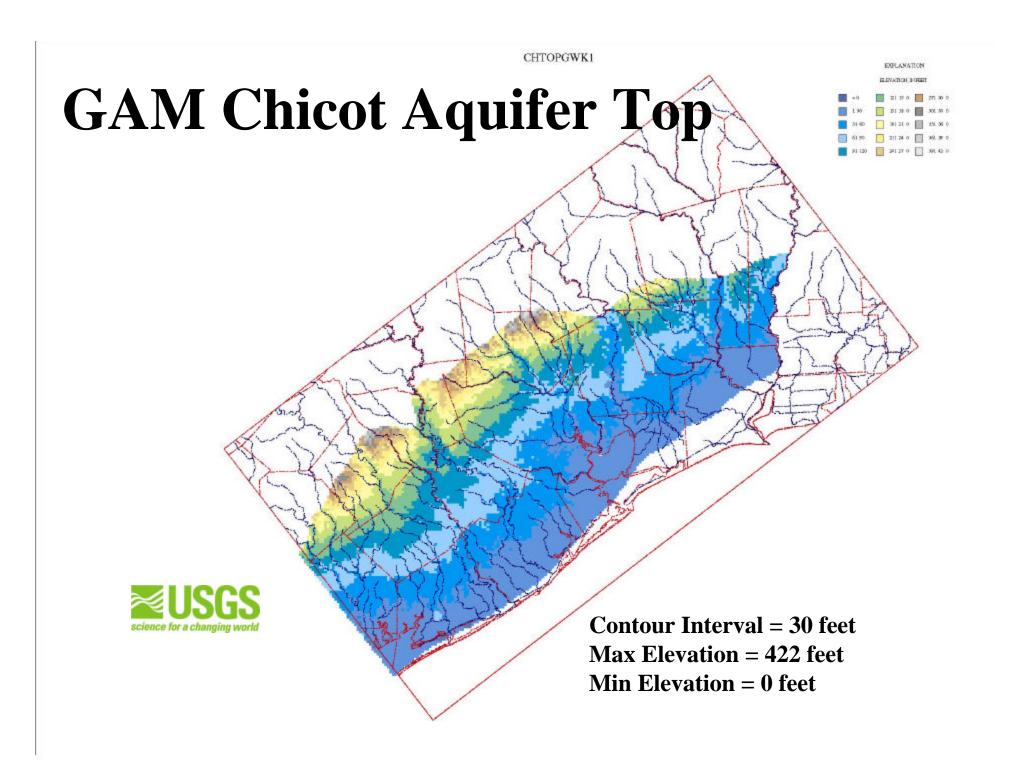


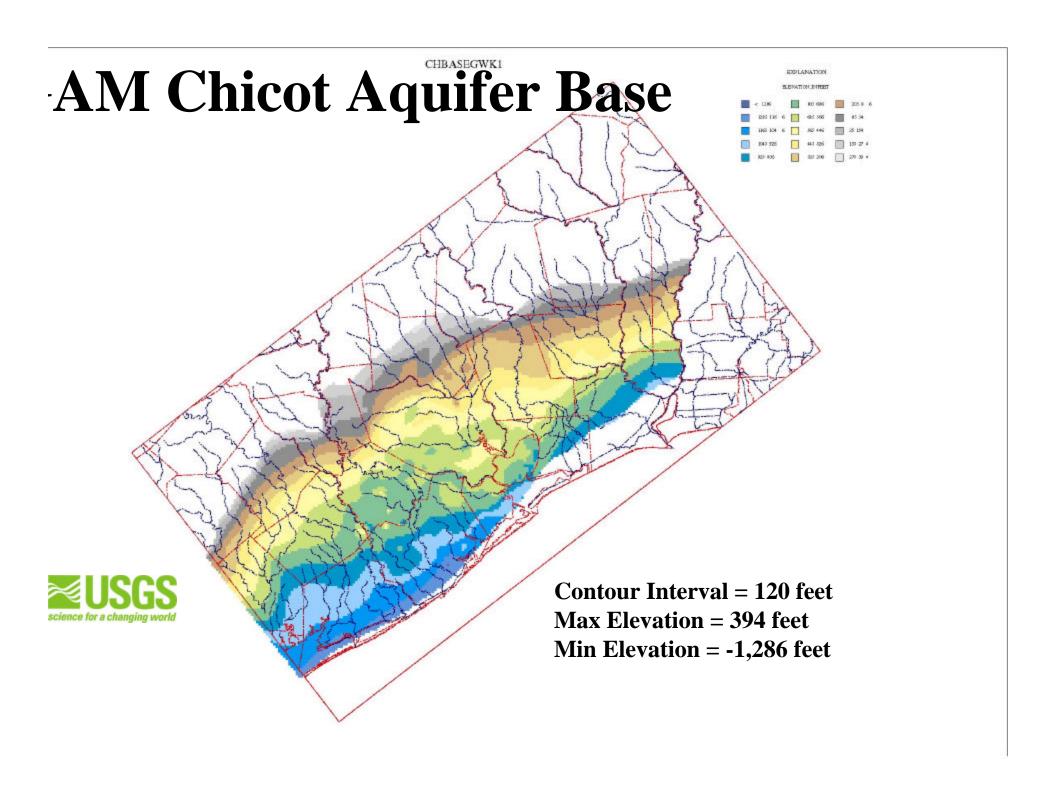
1978-1995 Measured Land-Surface Subsidence

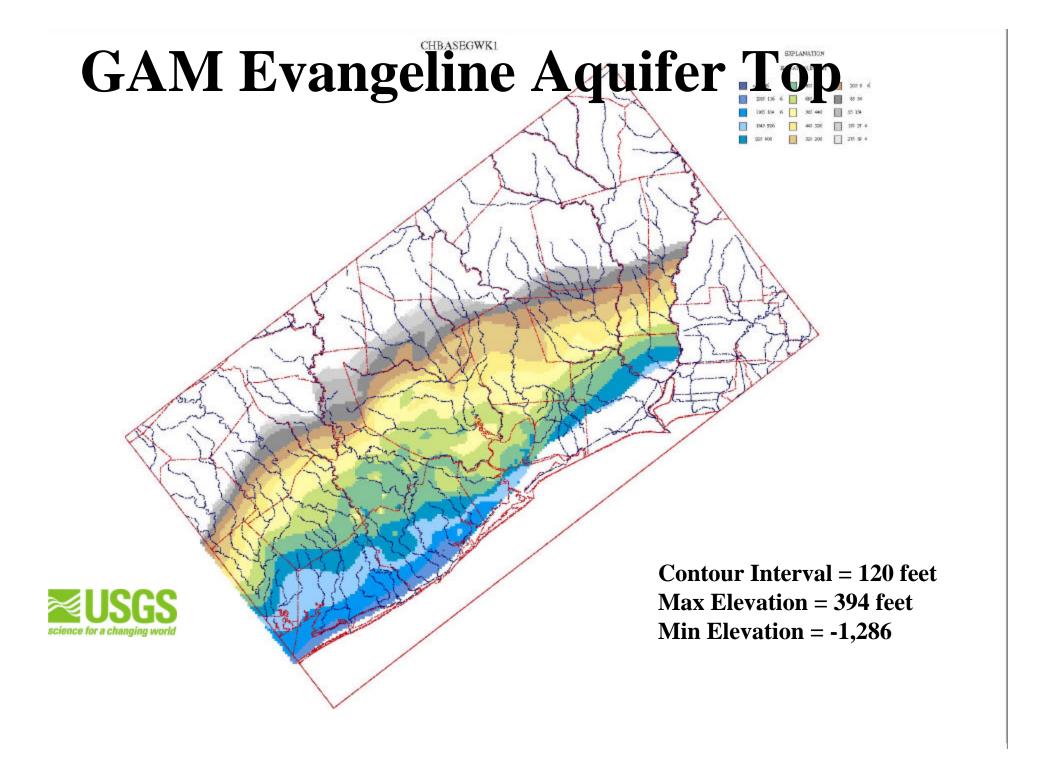


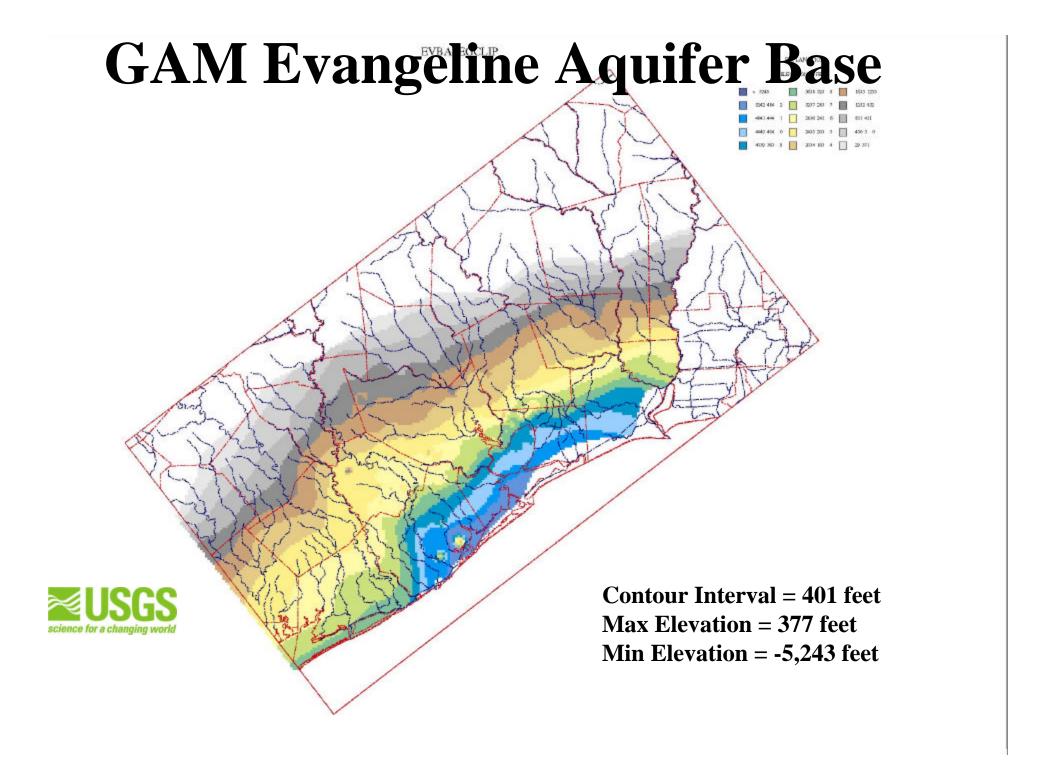
1906-1995 Measured Land-Surface Subsidence

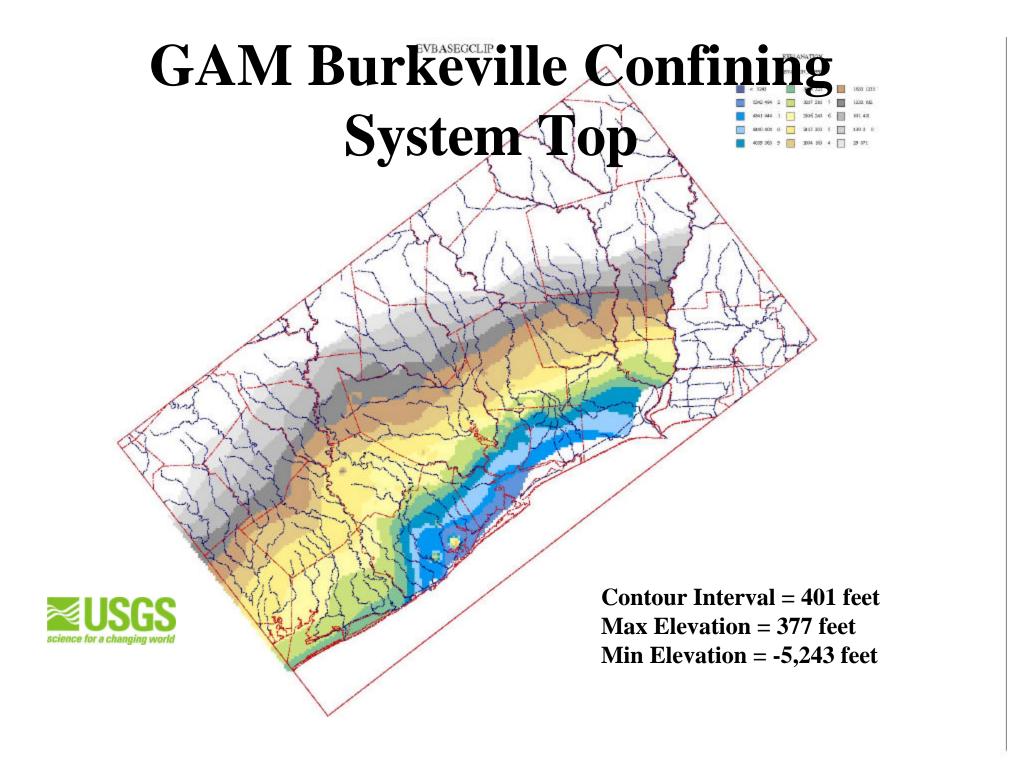


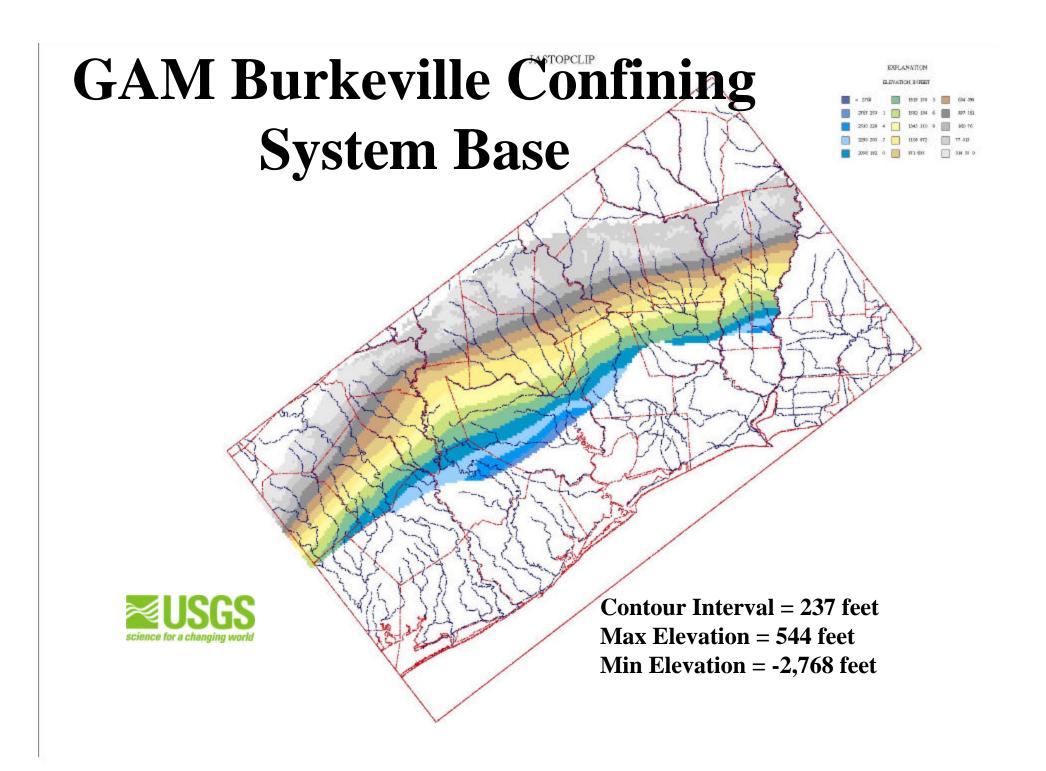


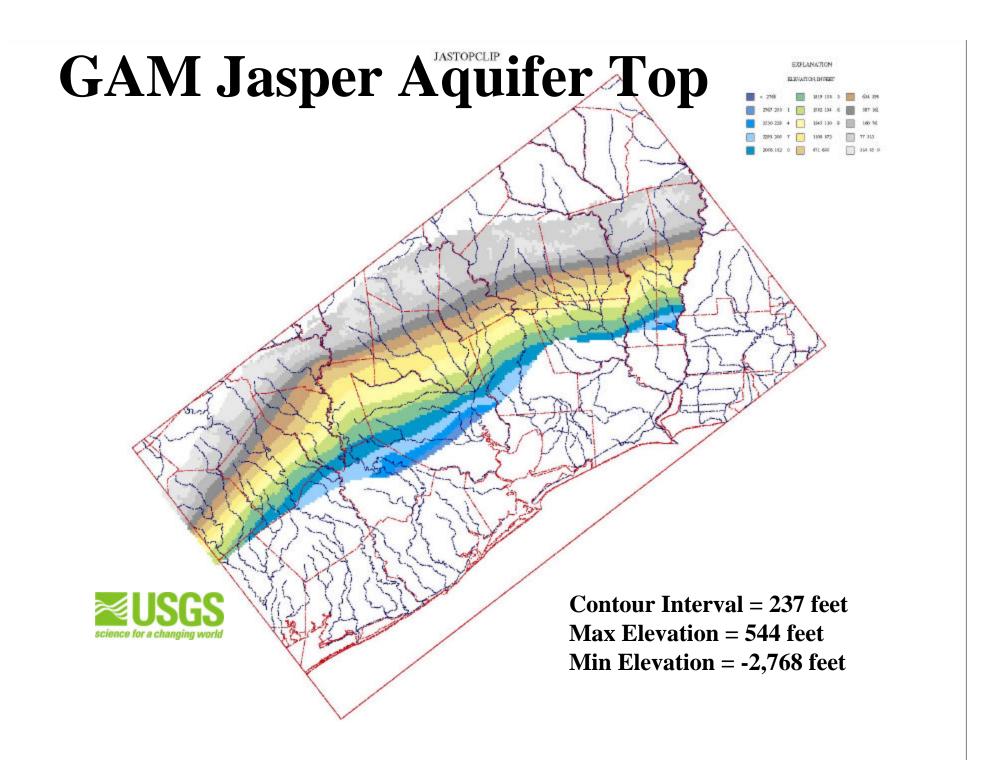


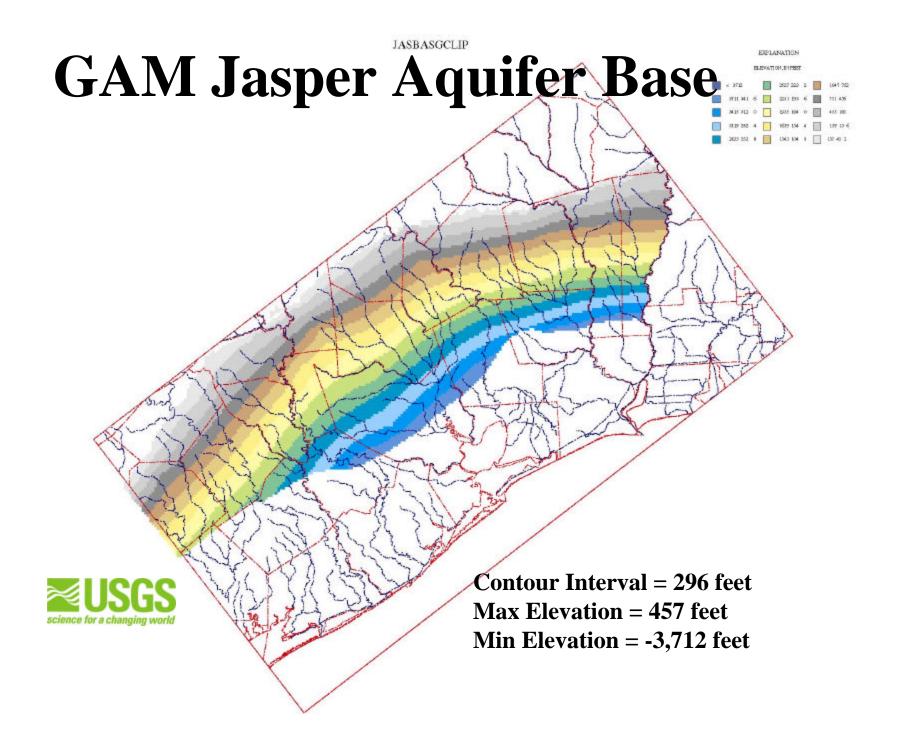














Upper Gulf Coast GAM Aquifer Outcrops



ATTENDANCE LIST NORTHERN GULF COAST SAF SECOND QUATERLY MEETING

AUGUST 2, 2001, HOUSTON

| Name | Affiliation |
|-----------------|---|
| R.G. Cousins | Consultant |
| Joe Broadus | USGS |
| Robert Gabrysch | Hydrologist Consultant |
| Tom Michel | Harris-Galveston Coastal Subsidence District |
| Jun Chang | City of Houston |
| Mark Kaczmarek | USGS |
| Ali Chowdhury | TWDB |