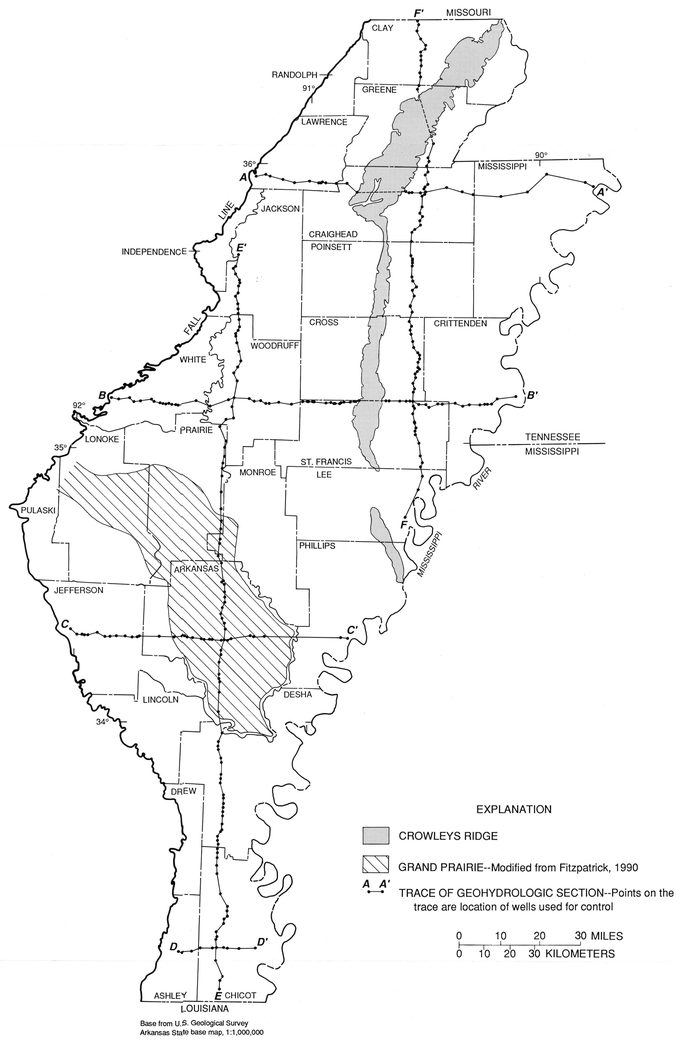
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
ARKANSAS SOIL AND WATER CONSERVATION COMMISSION

WATER-RESOURCES INVESTIGATIONS REPORT 92-4121
Geohydrologic sections *A-A'* through *F-F'*--**SHEET 4 OF 4**
Gonthier, G.J., and Mahon, G.L., 1993, Thickness of the Mississippi River Valley confining unit, eastern Arkansas



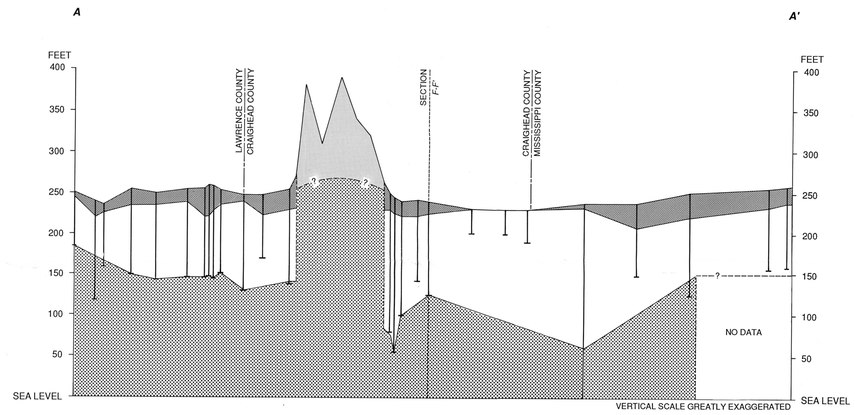
Base from U.S. Geological Survey
Arkansas State base map, 1:1,000,000

EXPLANATION

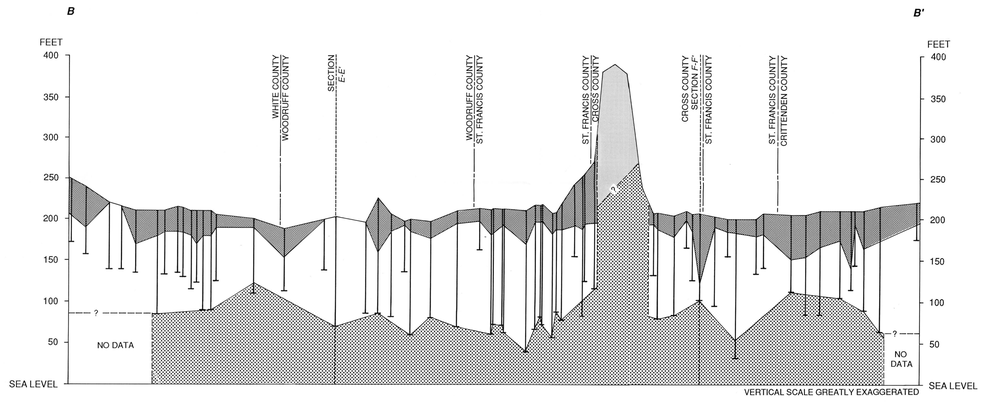
- CROWLEYS RIDGE
- GRAND PRAIRIE--Modified from Fitzpatrick, 1990
- *A A'* TRACE OF GEOHYDROLOGIC SECTION--Points on the trace are location of wells used for control

0 10 20 30 MILES
0 10 20 30 KILOMETERS

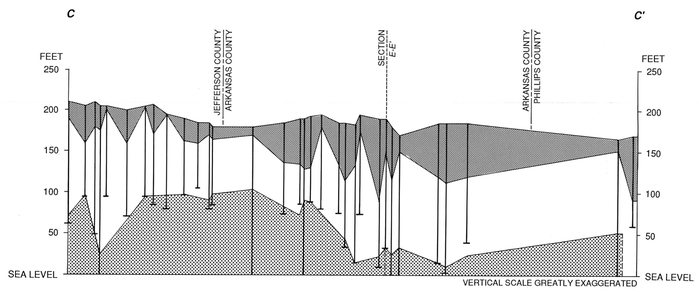
Trace of geohydrologic sections *A-A'* through *F-F'* in the study area.



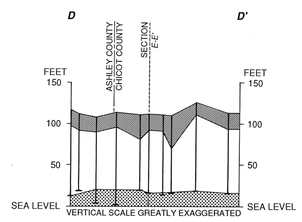
Geohydrologic section *A-A'*.



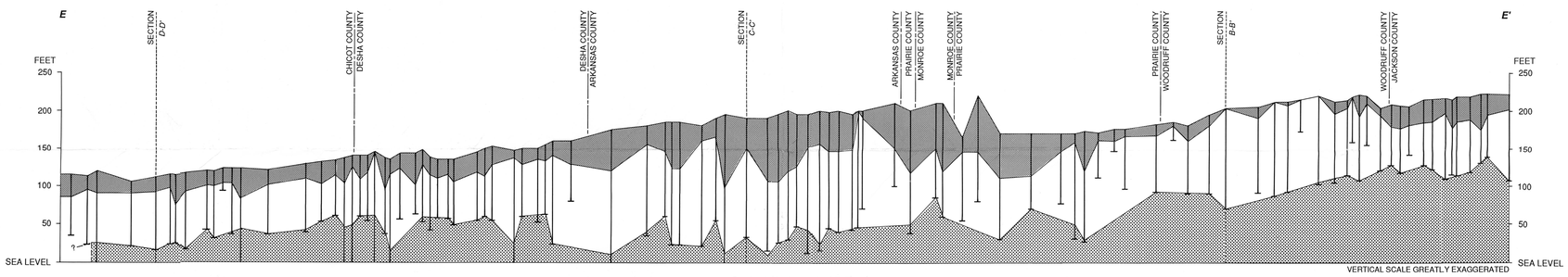
Geohydrologic section *B-B'*.



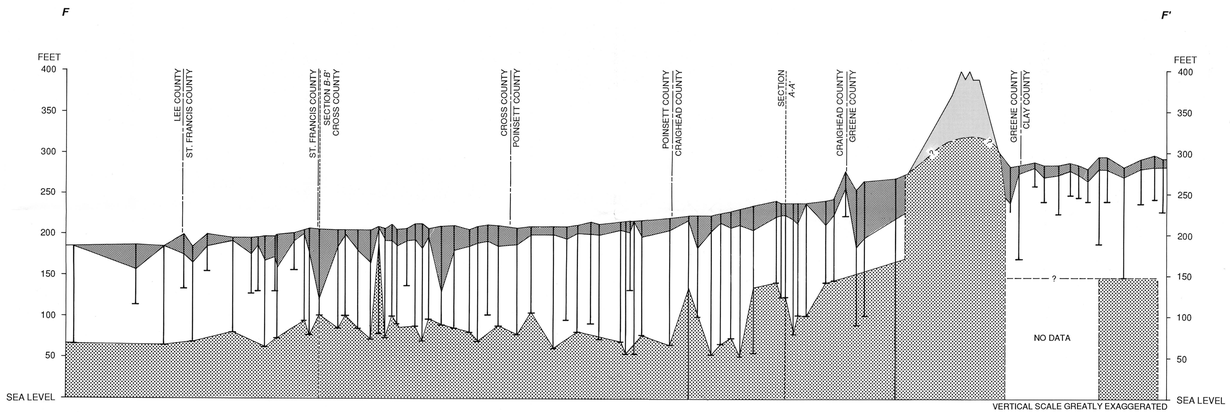
Geohydrologic section *C-C'*.



Geohydrologic section *D-D'*.



Geohydrologic section *E-E'*.



Geohydrologic section *F-F'*.

EXPLANATION
(for all sections)

- MISSISSIPPI RIVER VALLEY CONFINING UNIT
- MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER
- DEPOSITS OF QUATERNARY AGE AT CROWLEYS RIDGE
- DEPOSITS OF TERTIARY AGE AND OLDER
- WELL USED FOR CONTROL
- GEOHYDROLOGIC BOUNDARY--Dashed where approximate

THICKNESS OF THE MISSISSIPPI RIVER VALLEY CONFINING UNIT, EASTERN ARKANSAS

By
Gerard J. Gonthier and Gary L. Mahon
1993