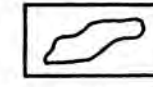
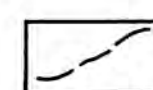


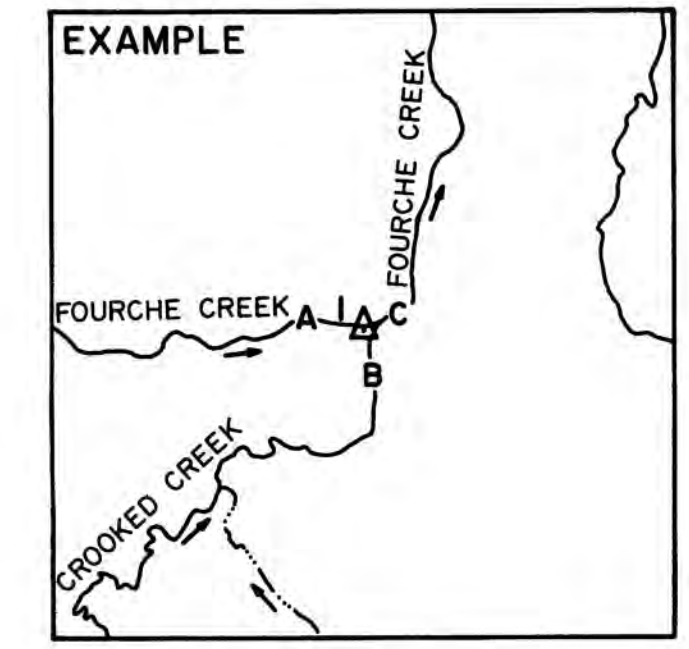
EXPLANATION

  
**Flood-prone area:** The flood-prone area shown on this map has been based in part on Flood Plain Information Studies by the U. S. Army, Corps of Engineers. In areas where studies have not been made, flood levels were projected from available data. The flood level is approximately at the 100 year flood elevation, which means the frequency of occurrence at this magnitude is 1% each year or once in every 100 years.

  
**Drainage basin boundary:** The top figure represents the area in acres and the bottom figure represents the area in square miles of the basin or that part of the basin in this report.  
 Example: 16,684.36 acres  
 26.07 square miles

**Note:** Some areas in the flood plain are protected by levees or floodwalls. Care should be taken in the construction of levees so that the natural drainage is not obstructed. For best utilization of the flood plain, structures and contents should be able to withstand damage from flood water, and any structure or fill in the flood plain should not restrict maximum flow during periods of flooding.

**Areas of Selected Drainage Basins:** Areas, in square miles, of selected drainage basins are shown in the following Table. Points on this map have been identified by symbol, number, and letter (example A-1-B). The symbol represents the point where the total drainage basin area was determined though only a portion of the basin may be shown on this map; the point may be situated at the intersection of two or more drainages. The number identifies the location and the letter identifies the particular drainage or combined drainages.

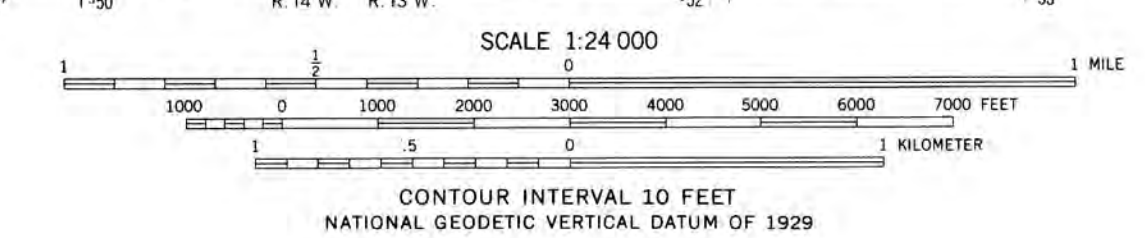
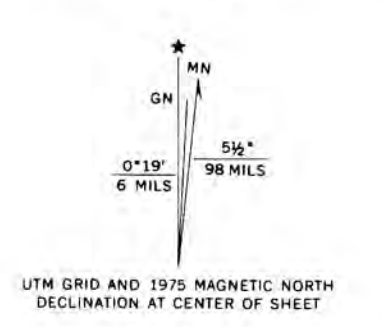


Location Δ	Drainage Basin Description	Area Sq. Miles
1-A	Fourche Creek above mouth of Crooked Creek	32.4
1-B	Crooked Creek above the mouth	11.6
1-C	Combined Areas of 1-A and 1-B	44.0
2	Otter Creek above Mabelvale West Road	11.2

References

- Flood Plain Information, Arkansas River and Tributaries, Pulaski County, Arkansas-Part II; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, December 1972
- Flood Plain Information, Fourche Creek and Tributaries, Little Rock, Arkansas-Part I; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1969
- Drainage Areas of Streams in Arkansas, Arkansas River Basin; by J. N. Sullivan and J. E. Terry, U. S. Geological Survey Water Resources Division; Open File Report, Little Rock, Arkansas, 1970

Base from U. S. Geological Survey, 1975  
 10,000-foot grid based on Arkansas coordinate system,  
 south zone  
 1,000-meter Universal Transverse Mercator grid ticks, zone 15



Compiled from data gathered by U. S. Army, Corps of Engineers, Little Rock District and the Arkansas Geological Commission, Little Rock, Arkansas



FLOOD PRONE AREAS, ALEXANDER QUADRANGLE, ARKANSAS

By  
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 ARKANSAS GEOLOGICAL COMMISSION  
 IN COOPERATION WITH THE U. S. GEOLOGICAL SURVEY  
 1975