
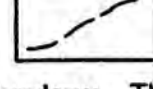


EXPLANATION

 **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.

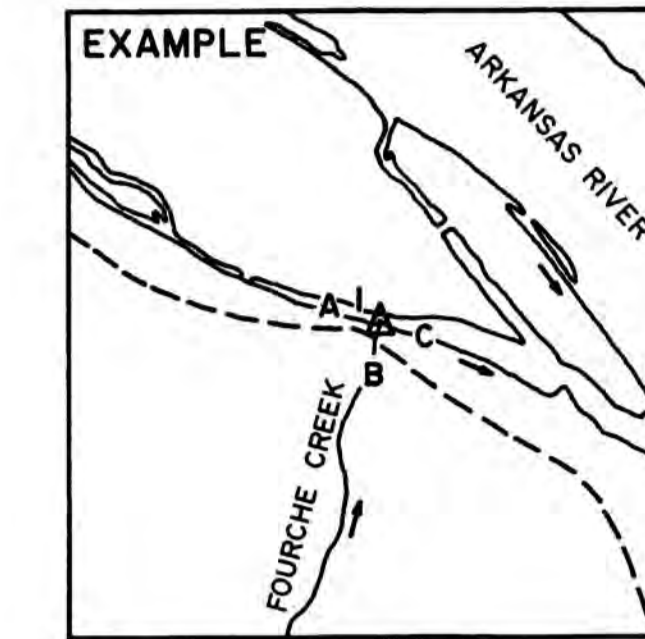
 **Drainage basin boundary:** The top figure represents the area in acres and the bottom figure represents the area in square miles of the basin or that part of the basin in this report.

Example: 14,240.67 acres  
22.25 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.

Low areas adjacent to the Arkansas River and north of Fourche Creek are protected by levees. These areas were not included in the flood-prone area except where local flooding was known to occur. Further investigations in these low areas may be necessary to provide adequate flood hazard information.

**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.

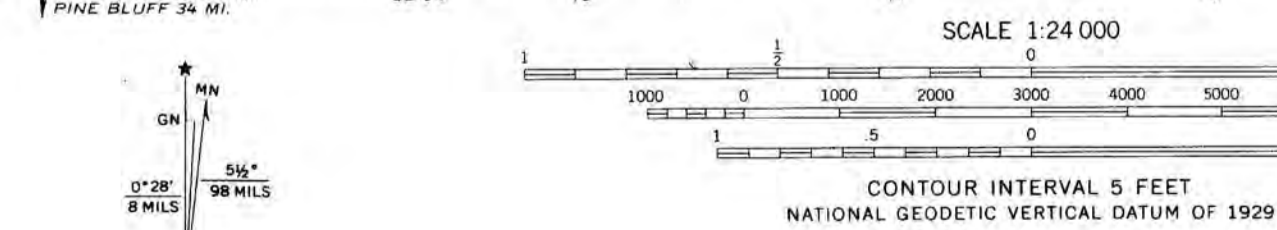


Location A	Drainage Basin Description	Area Sq. Miles
1-A	Arkansas River above mouth of Fourche Creek	158,106.0
1-B	Fourche Creek above the mouth	170.0
1-C	Combined Areas of 1-A and 1-B	158,276.0
2	Arkansas River above David D. Terry Lock and Dam	158,298.0
3-A	Arkansas River above mouth of Fourche Bayou	158,291.0
3-B	Fourche Bayou above the mouth	23.1
3-C	Combined Areas of 3-A and 3-B	158,314.1

References

- Flood Plain Information, Arkansas River, North Little Rock, Arkansas; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1968
- Flood Plain Information, Tributaries to Faulkner Lake, North Little Rock, Arkansas; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, March 1975
- 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
- Flood Plain Information, Arkansas River and Tributaries, Little Rock, Arkansas-Part III; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1973
- 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

Based on 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, SWEET HOME QUADRANGLE, ARKANSAS

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IN COOPERATION WITH THE U. S. GEOLOGICAL SURVEY  
1975