



USGS NHD HISTORICAL MAP  
SEP 24 1996  
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PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY THE UNITED STATES GEOLOGICAL SURVEY  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1981  
FIELD CHECKED . . . . . 1983 MAP EDITED . . . . . 1985  
PROJECTION . . . . . LAMBERT CONFORMAL CONIC  
GRID-1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 15  
UTM . . . . . 1000-FOOT STATE GRID TICKS . . . . . ARKANSAS NORTH ZONE  
UTM GRID DECLINATION . . . . . 0° 10' WEST  
1984 MAGNETIC NORTH DECLINATION . . . . . 8° 50' EAST  
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(7 meters south and 17 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
photography. 1

SCALE 1:24 000  
1 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100  
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
1 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100  
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
CONTOUR INTERVAL 20 FEET  
CONTROL ELEVATIONS SHOWN TO THE NEAREST 31 FOOT  
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT  
To convert meters to feet multiply by 3.2808  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND THE ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72204

QUADRANGLE LOCATION

1	2	3	4	5	6	7	8

ADJOINING 7.5' QUADRANGLE NAMES

1	2	3
Blue Mountain Dam	Havana	Danville
4	5	6
Gravelly	Hovey	Little Texas
7	8	
Chula Mountain	Ovva	

ROAD LEGEND  
Improved Road . . . . .  
Unimproved Road . . . . .  
Trail . . . . .  
Interstate Route U.S. Route State Route  
BLUFFTON, ARKANSAS  
PROVISIONAL EDITION 1985  
34093-H5-TF-024