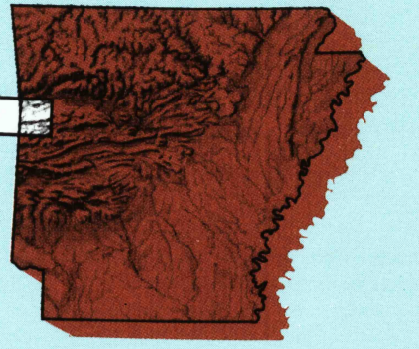
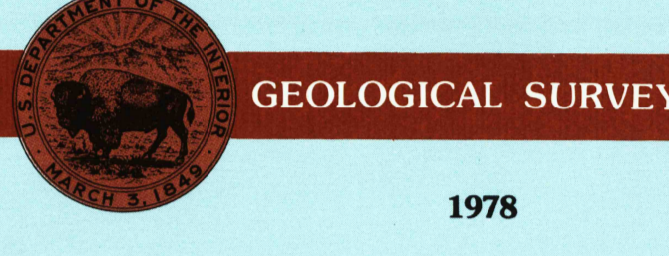


1:100 000-scale metric topographic map of Fort Smith ARKANSAS-OKLAHOMA



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey in cooperation with the Bureau of Land Management. Compiled from USGS 1:24 000-scale topographic maps dated 1947-1971. Planimetry revised from aerial photographs taken 1973, 1975 and other source data. Revised information not field checked. Map edited 1978.

Projection and 10 000-meter grid, zone 15; Universal Transverse Mercator. 50 000-foot grid ticks based on Oklahoma coordinate system, south zone and Arkansas coordinate system, north zone 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 20 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1978	1983	1	2	3
1	3.2808	0°52'	0°50'	1	2	3
2	6.5617	0°52'	0°50'	4	5	6
3	9.8425	0°52'	0°50'	7	8	9
4	13.1234	0°52'	0°50'	10	11	12
5	16.4042	0°52'	0°50'	13	14	15
6	19.6850	0°52'	0°50'	16	17	18
7	22.9659	0°52'	0°50'	19	20	21
8	26.2467	0°52'	0°50'	22	23	24
9	29.5275	0°52'	0°50'	25	26	27
10	32.8084	0°52'	0°50'	28	29	30

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergency (G) and 1978 magnetic declination (M) at center of map diagram is approximate.

1 Malaga
2 Sowell
3 Chase Mts
4 Malaga
5 Malaga
6 Malaga
7 Lake Ouachita

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USLab NHG HISTORICAL MAP ARCHIVES

Topographic Map Symbols

Primary highway, hard surface	—————
Secondary highway, hard surface	—————
Light duty road, principal street, hard or improved surface	—————
Other road or street; trail	—————
Route marker: Interstate, U.S., State	○ ○ ○
Railroad: standard gage, narrow gage	—+—+—+—
Bridge; overpass; underpass	—+—+—+—
Tunnel; road; railroad	—+—+—+—
Built up area; locality; elevation	■
Airport; landing field; landing strip	■
National boundary	—+—+—+—
State boundary	—+—+—+—
County boundary	—+—+—+—
National or State reservation boundary	—+—+—+—
Land grant boundary	—+—+—+—
U.S. public lands survey: range, township, section	—+—+—+—
Range, township; section line; protected	—+—+—+—
Power transmission line; pipeline	—+—+—+—
Dam; dam with lock	—+—+—+—
Cemetery; building	■
Wicket; water well; spring	■
Mine shaft; adit or cave; mine, quarry; gravel pit	■
Campground; picnic area; U.S. location monument	■
Ruin; cliff dwelling	■
Delineated surface: strip mine, levee, sand	■
Contours: index; intermediate; supplementary	—+—+—+—
Bathymetric contours: index; intermediate	—+—+—+—
Stream, lake: perennial; intermittent	—+—+—+—
Rupee, large and small; fall, large and small	—+—+—+—
Area to be submerged; marsh; swamp	—+—+—+—
Land subject to controlled inundation; woodland	—+—+—+—
Scrub; mangrove	—+—+—+—
Orchard; vineyard	—+—+—+—