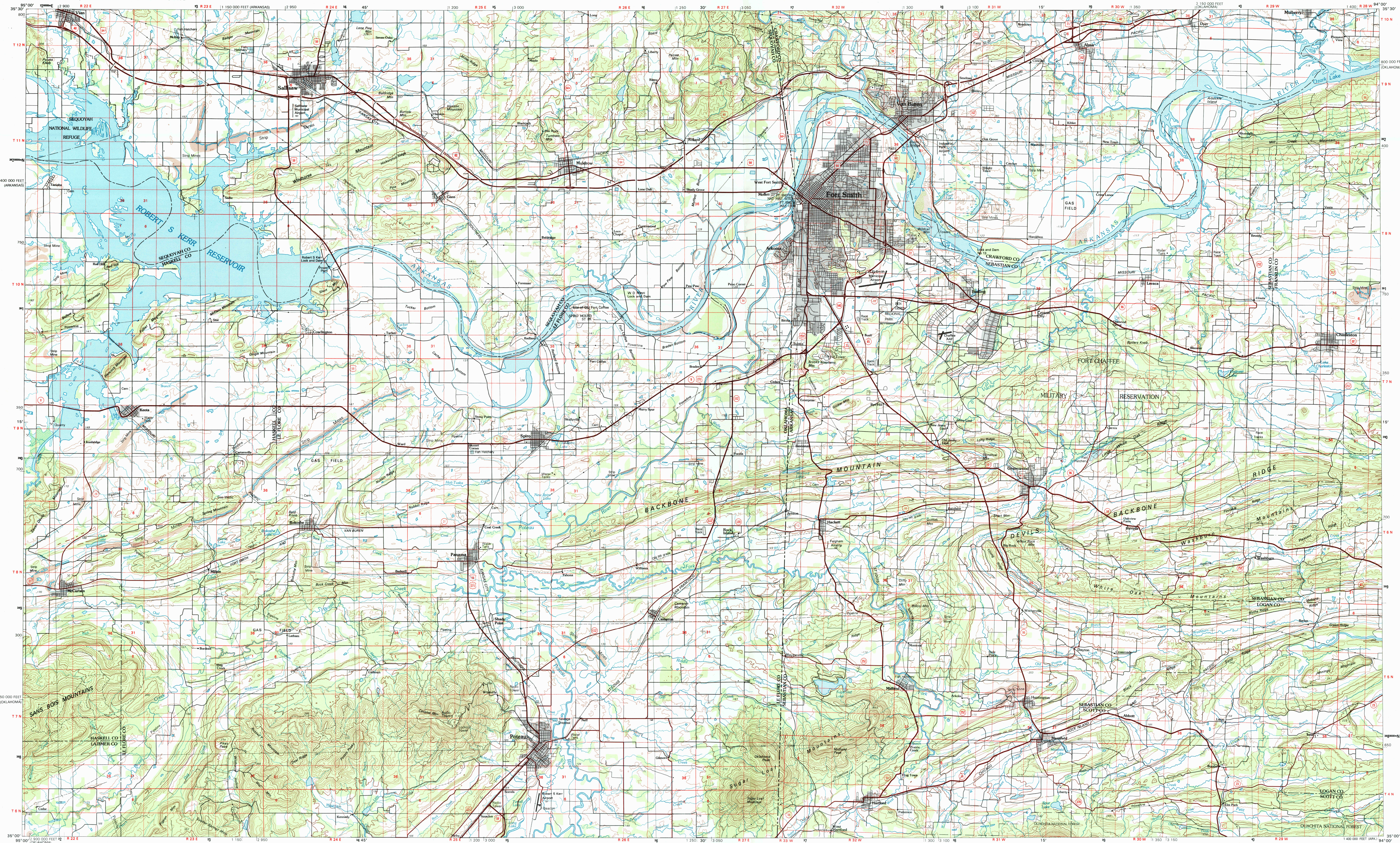
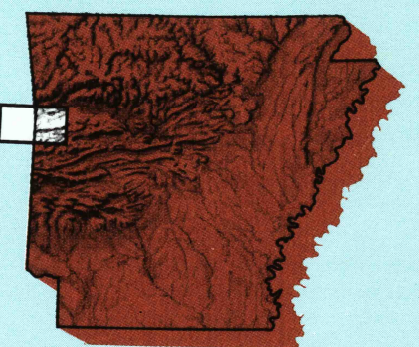


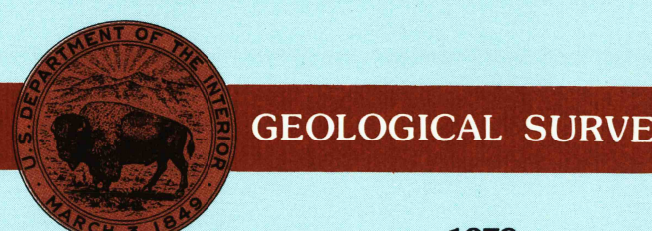


1:100 000-scale metric
topographic map of
Fort Smith
ARKANSAS—OKLAHOMA



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1978

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	Magnetic Declination		1	2	3
1	3.2808	0° 00'		4	5	
2	6.5617	0° 05'		6	7	8
3	9.8425	0° 10'				
4	13.1234	0° 15'				
5	16.4042	0° 20'				
6	19.6850	0° 25'				
7	22.9658	0° 30'				
8	26.2466	0° 35'				
9	29.5274	0° 40'				
10	32.8082	0° 45'				

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

UTM grid convergency (GN and 1983 magnetic declination) at center of map
Diagram is approximate

1 Muskogee
2 Shawnee
3 Osage
4 Cherokee
5 Chickasaw
6 Choctaw
7 Creek
8 Seminole

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SEP 3 0 2000

USGS NMU
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	Natural 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: projected	Power transmission line; pipeline	Dam; dam with lock	Cemetery; building	Wrecked; water well; spring	Mine shaft; adit or cave; mine, quarry; gravel pit	Campground; picnic area; U. S. location monument	Ruin; cliff dwelling	Disturbed surface: strip mine, lava, sand	Contours: index, intermediate, supplementary	Bathymetric contours: index, intermediate	Stream, lake: perennial; intermittent	Rapid, large and small; falls, large and small	Area to be submerged; marsh, swamp	Land subject to controlled inundation; woodland	Scrub; mangrove	Orchard; vineyard
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A pamphlet describing topographic maps is available on request



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