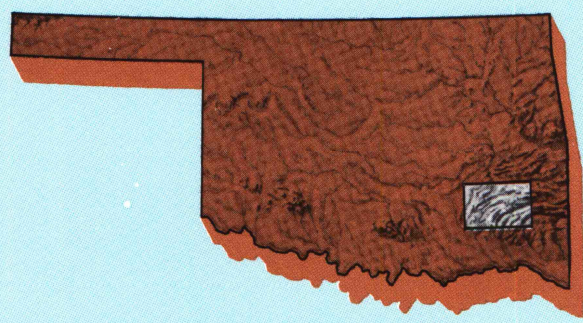


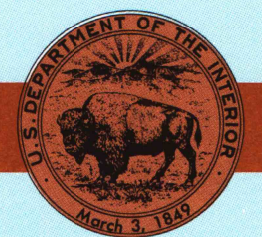
McAlester
OKLAHOMA

1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1991

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1957-1979. Planimetry revised from aerial photographs taken 1980-81 and other source data. Revised information not field checked. Map edited 1991.
Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
25 000-foot grid ticks based on Oklahoma coordinate system, south zone
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 6 meters south and 22 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
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		1	2	3	
2	6.5617		4	5		
3	9.8425		6	7	8	
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1991 magnetic declination (MN) at center of map Diagram is approximate	1 Shawnee 2 Eufaula 3 Fort Smith 4 Ada 5 Mena 6 Tahlequah 7 Andover 8 De Queen			
To convert feet to meters multiply by 0.3048						

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A.H. ROBINSON
MAP LIBRARY
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DO NOT DISCARD
University of Wisconsin
Madison

Topographic Map Symbols

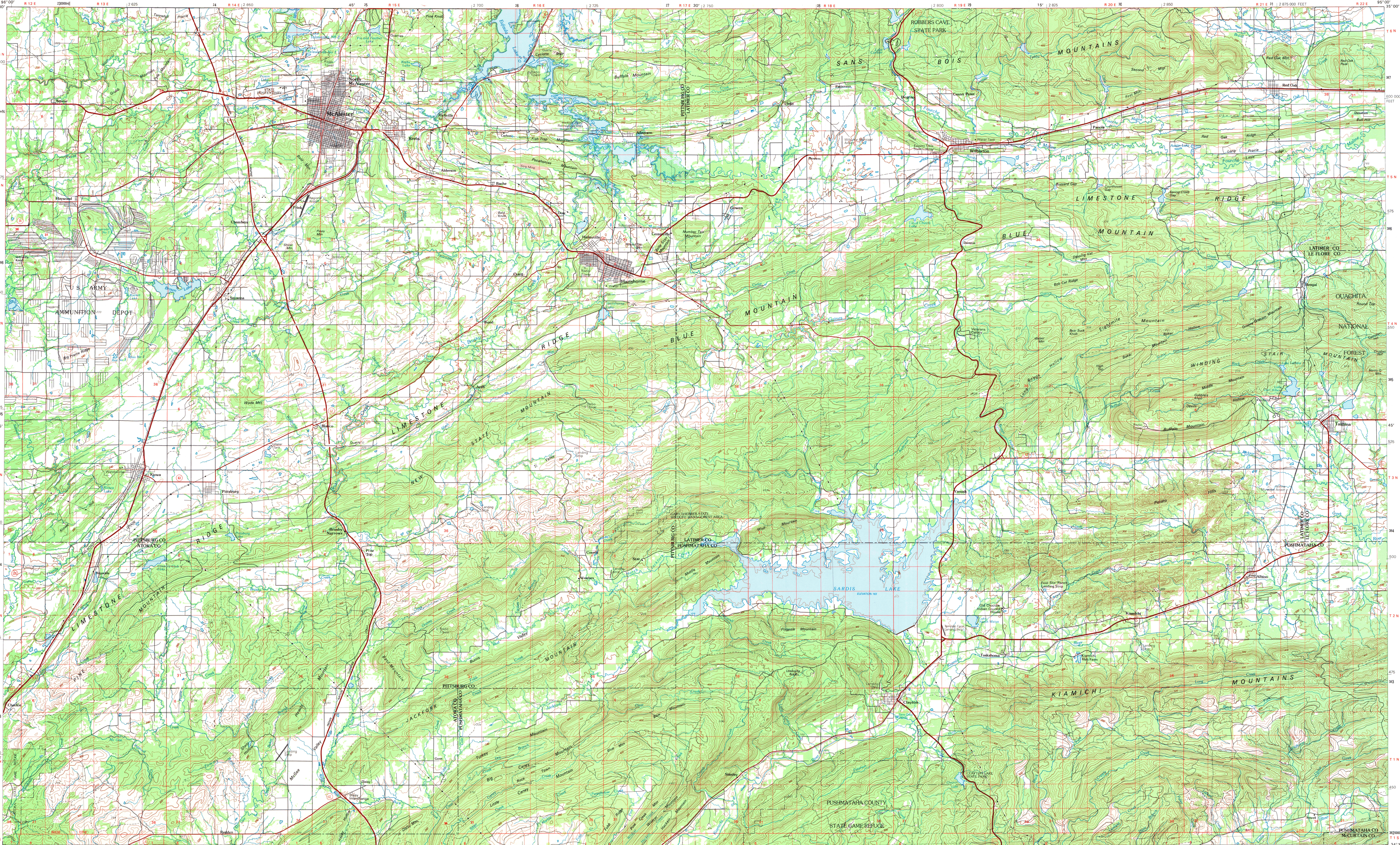
Primary highway, hard surface	Secondary highway, hard surface	Light duty road, principal street, hard or improved surface	Other road or street, trail	Road marker, Interstate, U.S. State	Railroad, standard gage, narrow gage	Bridge, overpass, underpass	Tunnel, road, railroad	Built-up area, locality, elevation	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, protracted	Power transmission line, pipeline	Dam, dam with lock	Cemetery, building	Windmill, water well, spring	Mine shaft, adit or cave, mine, quarry, gravel pit	Campground, picnic area, U.S. location monument	Ruin, cliff dwelling	Distorted surface, strip mine, lava, sand	Contours, index, intermediate, supplementary	Bathymetric contours, index, intermediate	Stream, lake, perennial, intermittent	Rapids, 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

Box 6-9/8
E SET

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

MC ALESTER, OKLAHOMA



MC ALESTER, OKLAHOMA

34095-E1-TM-100

1991

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 20 METERS

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12

MILES 1 0 1 2 3 4 5 6 7 8

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