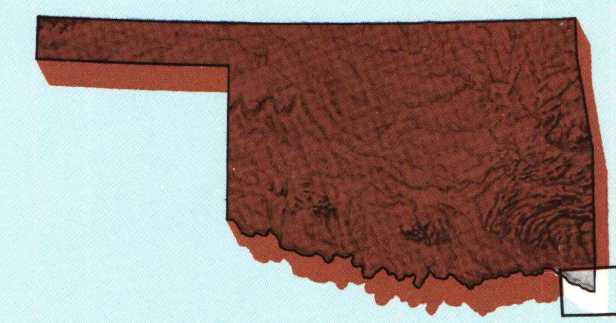


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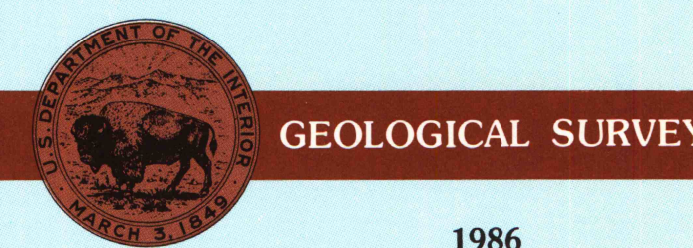
OKLAHOMA-ARKANSAS-TEXAS

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1950-1978. Planimetry revised from aerial photographs taken 1979-1984 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 15.
Universal Transverse Mercator
25 000-foot grid ticks based on Arkansas coordinate system, south zone, Texas coordinate system, north central zone and Oklahoma coordinate system, south zone
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 8 meters south and 19 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

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	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (km) at 100 meters declination (MM) at center of map Diagram is approximate				
To convert feet to meters multiply by 0.3048						

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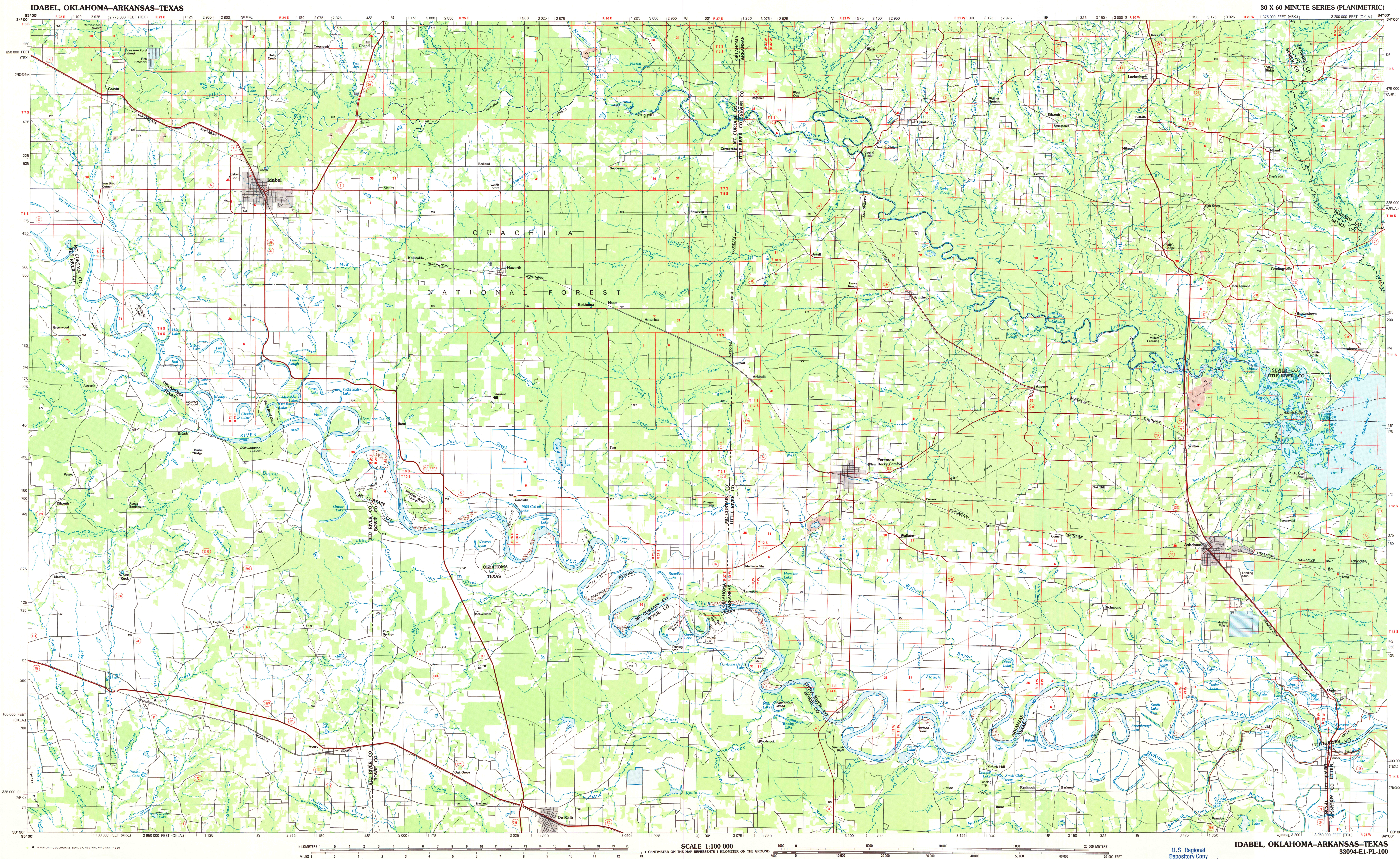
Topographic Map Symbols

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	Windmill, water well, spring	Mine shaft, adit or cave, mine, quarry, gravel pit	Campground, picnic area, U.S. location monument	Rail, cliff dwelling	Distorted surface, strip mine, levee, sand	Contours: index, intermediate, supplementary	Bathymetric contours: index, intermediate	Stream, lake, reservoir, intermittent	Rapids, large and small; falls, large and small	Area to be submerged, marsh, swamp	Land subject to controlled inundation; woodland	Sand, mangrove	Orchard, vineyard
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MAR 15 1987 A pamphlet describing topographic maps is available on request

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