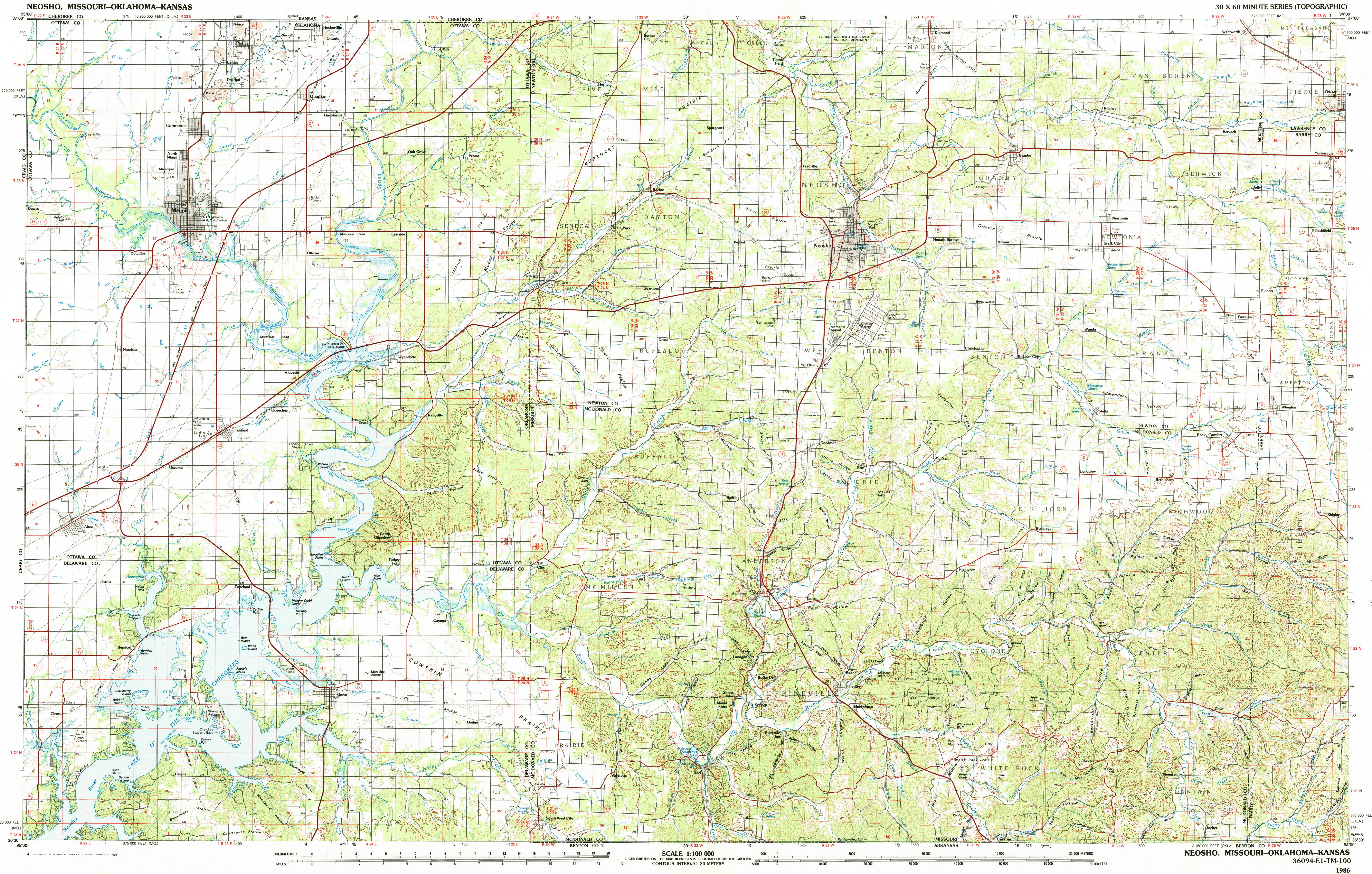
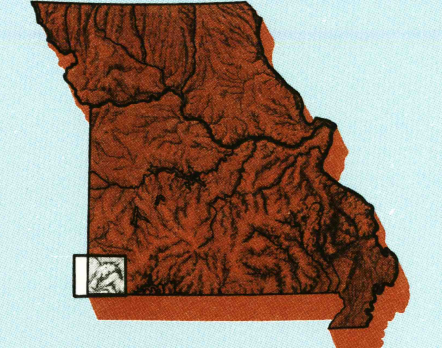




Neosho

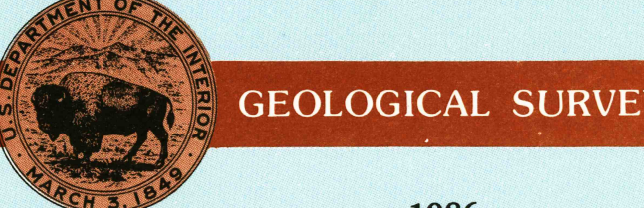
MISSOURI-OKLAHOMA-KANSAS

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



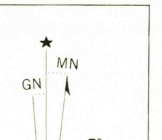
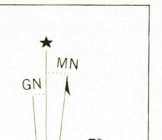
1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1949-1982. Planimetry revised from aerial photographs taken 1980 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 Missouri coordinate system, west zone and Oklahoma coordinate system north zone. 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 19 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		ADDING MAPS		
Meters	Feet			1	2	3
1	3.2808		0.54° 10 MILS	4	5	
2	6.5617			6	7	8
4	8.8425					
6	13.1234					
8	16.4042					
10	19.6851					
12	22.9659					
14	26.2468					
16	29.5276					
18	32.8085					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1986 magnetic declination (MD) from center of map. Diagram is approximate.		1 Coffeyville 2 Joplin 3 Springfield 4 Bartlesville 5 Lake Rock Lake 6 Tulsa 7 Pawnee 8 Harrison		
To convert feet to meters multiply by 0.3048						

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

USGS NHD HISTORICAL DATA
JUL 23 1990
REC'D FILE COPY

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 gauge; narrow gauge	
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	
Railroad: off-broadway	
Disrupted 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, wetland	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	