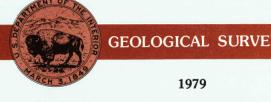


- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey in cooperation with the Soil Conservation Service. Compiled from USGS 1:24 000-scale topographic maps dated 1958-1976. Planimetry revised from aerial photographs taken 1973 and 1976 and other source data. Revised information not field checked. Map edited 1979.

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator. 25 000-foot grid ticks based on Arkansas coordinate system, north zone and Oklahoma coordinate system, north zone 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 5 meters south and 18 meters east.

There may be private holdings 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	° M/V	° M/V	1 2 3	4 5 6 7 8
1	3.2808				
2	6.5617				
3	9.8425				
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5276				
10	32.8084				

U to convert meters to feet multiply by 3.2808
M to convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1979 magnetic declination (MD) Diagram to approximate

1 Muskogee
2 Stillwell
3

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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 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
- Ridge, township, section line, preremitted
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery, building
- Well, 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
- Contour: 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
- Shrub, mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

