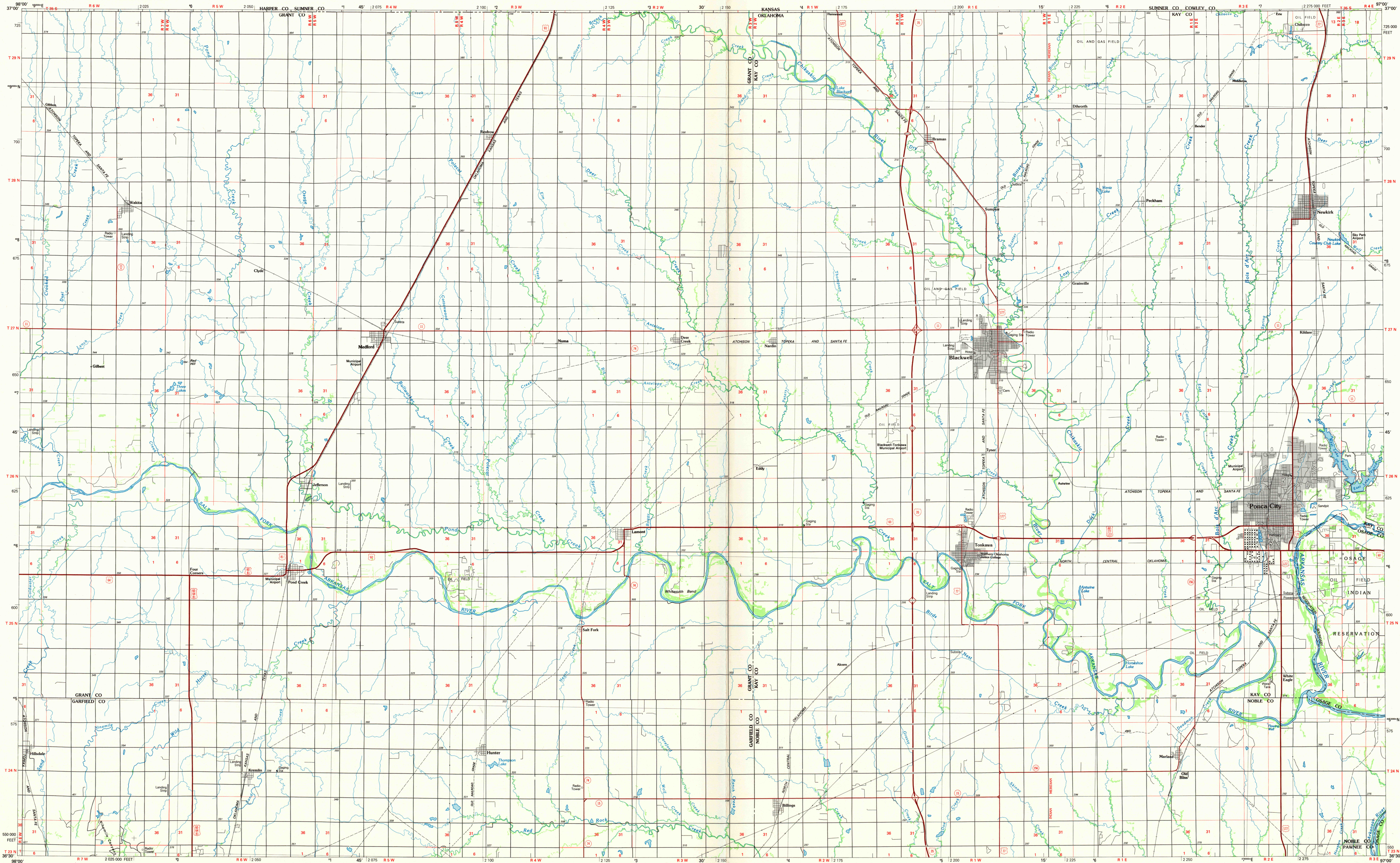
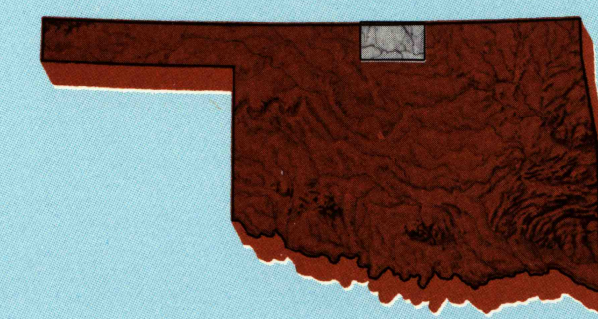
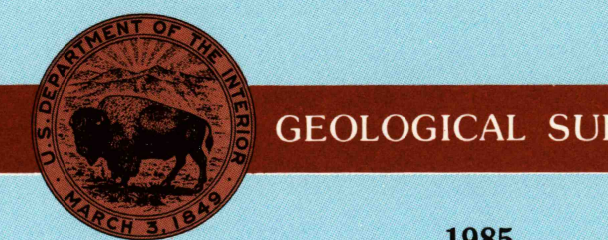


PONCA CITY, OKLAHOMA-KANSAS

30 X 60 MINUTE SERIES (PLANIMETRIC)

Ponca City
OKLAHOMA-KANSAS1:100 000-scale
planimetric map30 X 60 MINUTE QUADRANGLE
SHOWING

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



1985

Produced by the United States Geological Survey
Compiled from USGS 1:250,000-scale topographic maps
dated 1967-1968. Planimetry revised from aerial
photographs taken 1981 and other source data.
Revised information not field checked.
Map edited 1985.

Projection and 10 000-meter grid, zone 14
Universal Transverse Mercator
25 000-foot grid ticks based on Oklahoma coordinate
system, north zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 1 meter south and 28 meters east.
There may be private inholdings within the boundaries of
the National or State reservations shown on this map.

NATIONAL GEODETIC DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

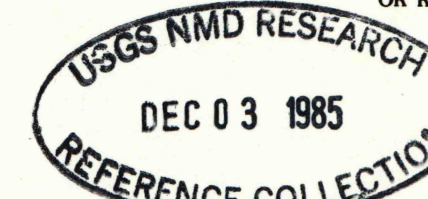
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	6
2	6.5617			7	8	9
3	9.8425			10	11	12
4	13.1234			13	14	15
5	16.4042			16	17	18
6	19.6850			19	20	21
7	22.9659			22	23	24
8	26.2467			25	26	27
9	29.5275			28	29	30
10	32.8084			31	32	33

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

UTM grid convergence (NM) and 100 magnetic declination (NM) at center of map. Diagram is approximate.

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



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	National or State reservation boundary	Land grant boundary	U. S. public lands survey: range, township, section	Range, township, section line: constructed	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	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, swam	Land subject to controlled inundation; woodland	Scrub; mangrove	Orchard; vineyard
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A pamphlet describing topographic maps is available on request

PONCA CITY, OKLAHOMA-KANSAS

36097-E1-PL-100

1985