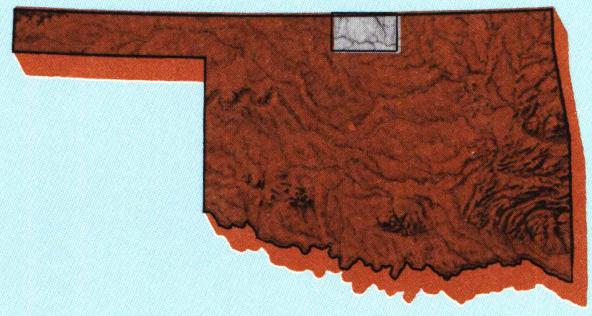


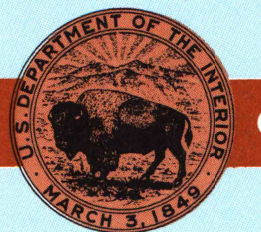
Ponca City
OKLAHOMA-KANSAS

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 on this map



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-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.

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
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

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

DECLINATION DIAGRAM

ADJOINING MAPS

1	2	3
Medicine Lodge	Wellington	Alva
3	2	1
6	7	8

1 Medicine Lodge
2 Wellington
3 Alva
4 Fairview
5 Fairview
6 Fairview
7 Fairview
8 Keystone Lake

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225

A.H. RICHARDSON
MAP LIBRARY
SEP 19 1990
University of Wisconsin
Madison
U.S. Regional
Depository Copy
DO NOT DISCARD

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, unobstructed
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft; salt or ore; mine quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; 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
- Sink; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

B776-98.00

PONCA CITY, OKLAHOMA-KANSAS

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

