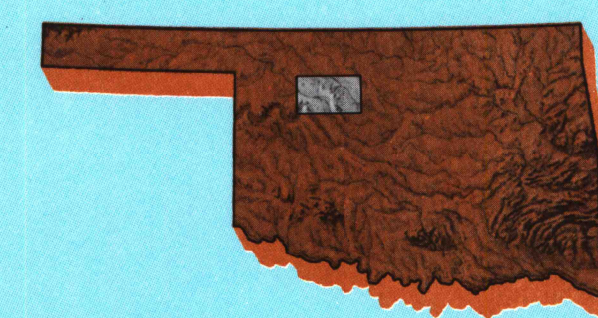
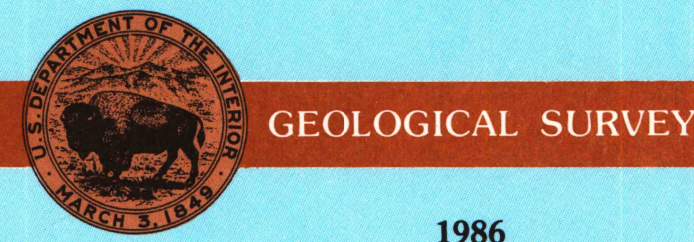




30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps
dated 1969–1983. Planimetry revised from aerial
photographs taken 1981 and other source data
Revised information not field checked
Map edited 1986

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 31 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

UTM grid magnetic declination (GN and 1986 magnetic declination (MN) at center of map Diagram is approximate

1	2	3
4	5	6
7	8	9

1 Buffalo

2 Alsea

3 Poncha City

4 Woodward

5 Field

6 Free Reservoir

7 Watonga

8 Oklahoma City N.

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OR RESTON, VIRGINIA 22092

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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
Spot on 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; soil or cave, mine, quarry; gravel pit
Dike, dam, levee, point break, U. S. location marker
Rune, cliff dwelling
Disturbed surface: strip, mine, levee, sand
Contour; index; intermediate; supplementary
Bathymetric index; index; intermediate
Shoal; lake; perennial; intermittent
Rapids, large and small; falls, large and small
Area to be submerged; marsh, swamp
Subject to controlled inundation; woodland
Swamp; meadows
Archipelago
Land; viewpoint

A pamphlet describing topographic maps is available on request.

BOB-9/8.03

SET