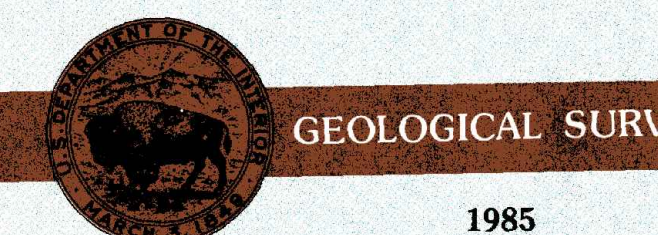


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1955-1975. Planimetry revised from aerial photographs taken 1951 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 Kansas coordinate system, south zone

1927 National American Datum

To plot 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

Map photointerspersed using 1985 photographs

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

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 coordinate (GN) and 116° magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING PARISHES

1	2
3	4
5	6
7	8

1 Pratt
2 Wichita
3 El Dorado
4 Medicine La.
5 Sedan
6 Abilene
7 Ponca City
8 Pawhuska

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Topographic Map Symb

Primary highway, hard surface.
Secondary highway, hard surface.
Light duty road, principal street, hard or improved surface.
Other road or street; trail.
Route marker; intersection; U.S. State.
Railroad; standard gage; narrow gage.
Bridge; overpass; underpass.
Tunnel; road; railroad.
Built up area; heavily elevated.
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 line; protection; section.
Range, township, section line; protected.
Power transmission line; pipeline.
Dam; dam with lock.
Cemetery; building.
Windmill; water wheel; spring.
Moss shaft; art or cave; mine, quarry; gravel pit.
Geographical; prison area; U.S. location number.
Ruins; cliff dwelling.
Distorted surface; strip mine; lake; sand.
Concours; 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.
Dike; mangrove.
Flooded; viewshed.

A pamphlet describing topographic maps is available on request.

