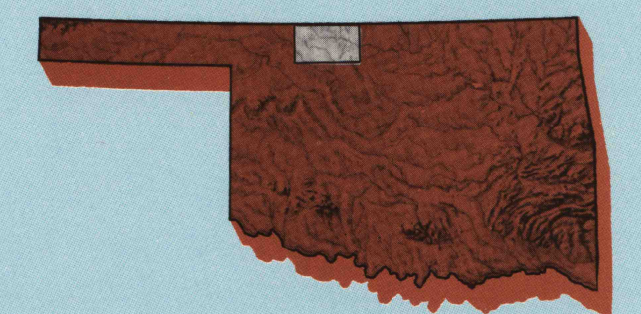


Alva

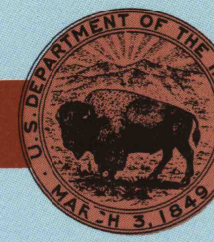
OKLAHOMA-KANSAS

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps
dated 1968-1969. 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 31 meters east.
There may be private inholdings within the boundaries of
the National or State reservations shown on this map.

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		1	2	3	
1	3.2808					
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map Diagram is approximate	1	2	3	
To convert feet to meters multiply by 0.3048			4	5	6	
			7	8	9	
			10	11	12	
			13	14	15	
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