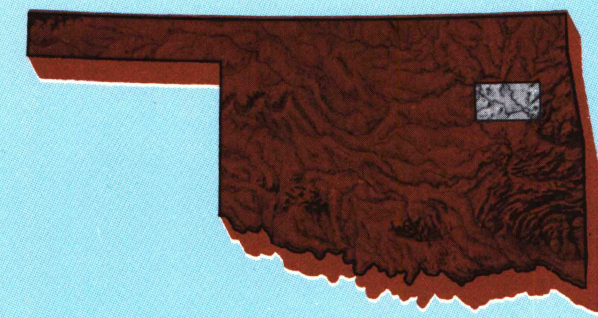


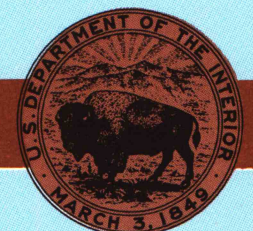
Tulsa  
OKLAHOMA

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 1959-1982. Planimetry revised from aerial  
photographs taken 1980 and other source data.  
Revised information not field checked.  
Map edited 1985.

Projection and 10 000-meter grid, zone 15  
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 4 meters south and 32 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	3280		4	5	6	
2	6561					
3	9842					
4	13123					
5	16404					
6	19685					
7	22966					
8	26247					
9	29528					
10	32809					
To convert meters to feet multiply by 3.2808		UTM grid convergence (1983 and 1985 magnetic declination) (M) 4° center of map Diagram is approximate				
To convert feet to meters multiply by 0.3048						

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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, gravel or improved surface	
Railroad: standard gauge, narrow gauge	
Bridge: overpass, underpass	
Tunnel: road, railroad	
Built up area: quality, 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: protruded	
Power transmission line: pipeline	
Dam: dam with lock	
Cemetery: building	
Windmill; water well; spring	
Mine shaft; pit or cave; mine, quarry, gravel pit	
Compass rose; point area; U. S. location monument	
Ruins: diff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index, intermediate, supplementary	
Hydrographic 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	
Scrub, mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

U.S. Regional  
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