



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



1990

Compiled from USGS 1:24 000-scale topographic maps dated 1950-1978. Planimetry revised from aerial photographs taken 1987-88 and other source data. Revised information not field checked. Map edited 1990

Projection and 10 000-meter grid, zone 15,
Universal Transverse Mercator

25 000-foot grid ticks based on Arkansas coordinate system, south zone, Texas coordinate system, north central zone and Oklahoma coordinate system, south zone

1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 8 meters south and 19 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY 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

GN MN

15° 15° MLS 1984 MLS

UTM grid convergence (GN and 1984 magnetic declination (MM) at center of map)

Diagram is approximate

ADJOINING MAPS

1	2
4	3
6	7

- 1 Antlers
- 2 De Queen
- 3 Abbeville
- 4 Paris
- 5 Hope
- 6 Sulphur Springs
- 7 Tereseno
- 8 Magnolia

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 220

ARTHUR H. ROBINSON MAP LIBRARY
University of Wisconsin-Madison
R-4-4-91

U.S. Regional
Depository Copy
DO NOT DISCARD

Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light road or road, principal street, hard or improved surface	
Other road or street, trail	
State marker, Interstate, U.S. State	
Railroad: standard gage, narrow gage	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Built up area, locality: elevation	
Quarry, landing field, landing strip	
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	
Dike, dam with lock	
Canal; building	
Windmill; water well; spring	
Mine shaft; salt or cave; mine; quarry; gravel pit	
Unimproved area: U.S. location monument	
Ruins; cliff dwelling	
Distorted surface: strip mine; lake	
Contours: index; intermediate; supplementary	
Contour interval: 500; 1000; 2000	
Stream, lake; perennial; intermittent	
Rapids, large falls; small falls and small	
Land to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Swamp; boggy	
Arched; vineyard	

A pamphlet describing topographic maps is available on request.

