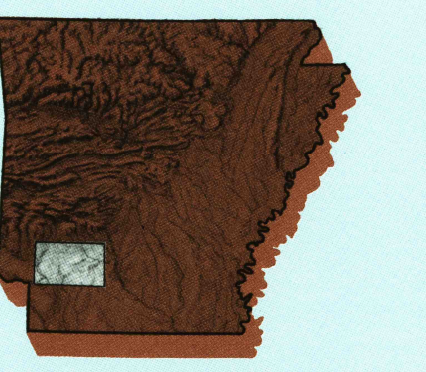


HOPE, ARKANSAS

30 X 60 MINUTE SERIES (PLANIMETRIC)

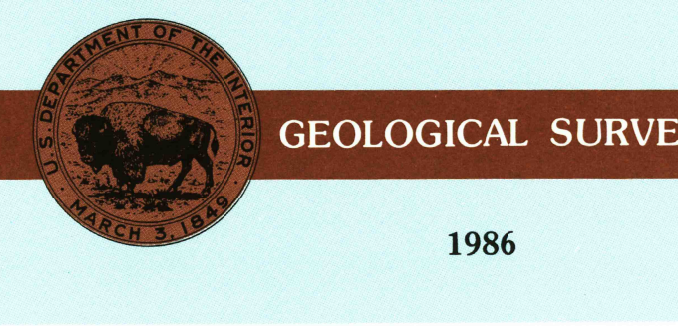
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1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1958-1978. Planimetry revised from aerial photographs taken 1953 and other source data. Revised information not field checked. Map edited 1986.
 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator.
 25 000-foot grid ticks based on Arkansas coordinate system, south zone 1927 North American Datum.
 To place on the predicted North American Datum 1983, move the projection lines 9 meters south and 17 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			4	5	
2	6.5617			6	7	
3	9.8425			8	9	
4	13.1234			10		
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM and convergence data are shown in meters at center of map
 Diagram is approximate

ADJOINING MAPS
1 De Queen
2 Arkadelphia
3 Malvern
4 Mabel
5 Camden
6 Trevelina
7 Magnolia
8 El Dorado

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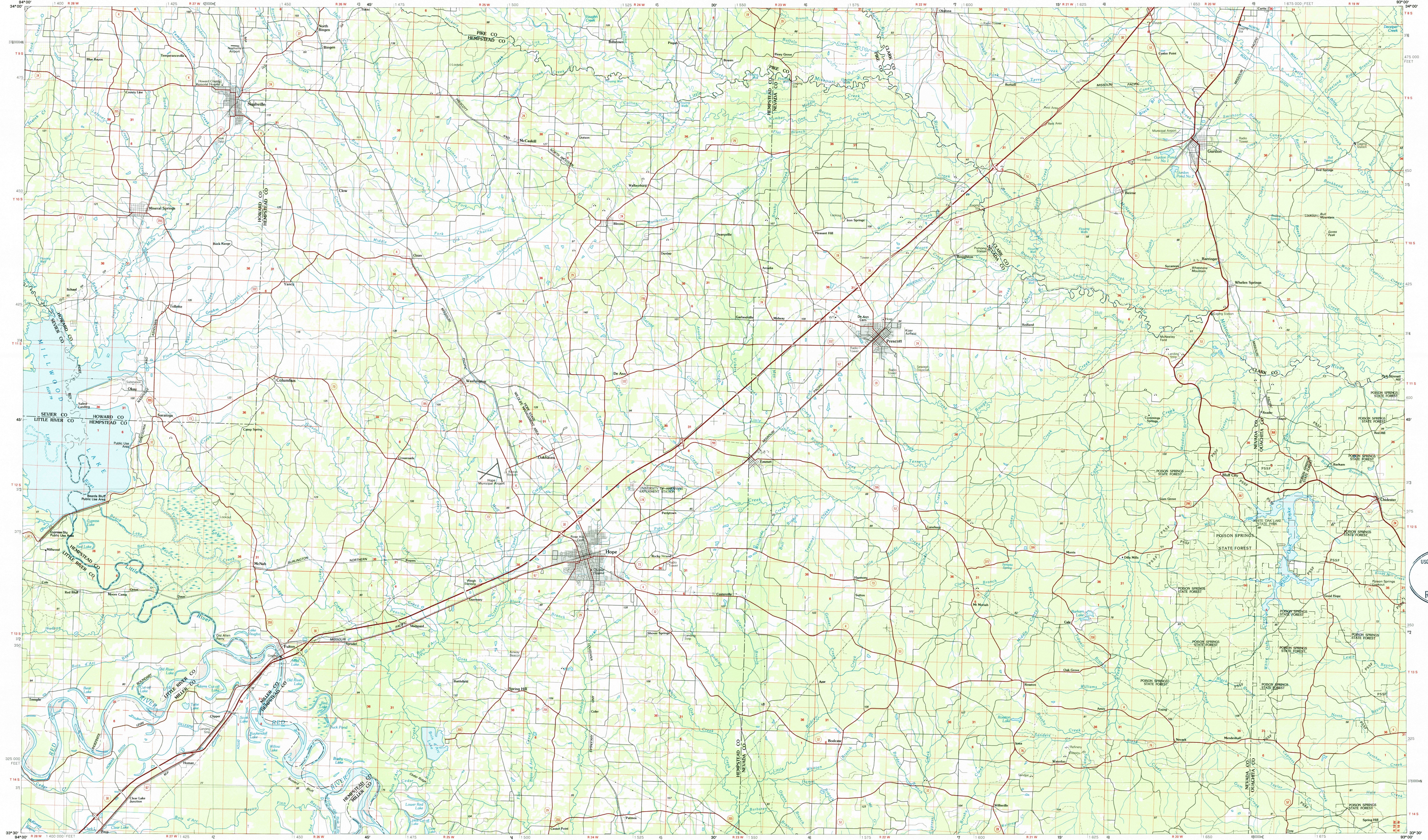
JUN 12 1986

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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
- Built-up 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: projected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery: building
- Windmill; water well; spring
- Mine shaft: adit or cave; mine, quarry; gravel pit
- Campanium; picnic area; U.S. location monument
- Ruins: cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: 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
- Soils: meadow
- Order: vineyard

A pamphlet describing topographic maps is available on request



SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 KILOMETERS

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 15000 20000 METERS

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 MILES

0 10000 20000 30000 40000 50000 60000 70000 FEET

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