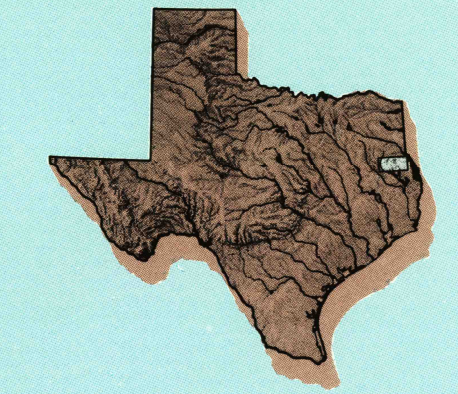


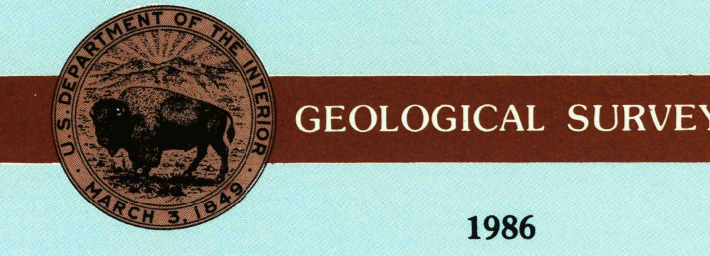
Nacogdoches TEXAS-LOUISIANA

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 1973-1984. Planimetry revised from aerial photographs taken 1982 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 Texas coordinate system, central and north central zones 1927 North American Datum
 To place on the projected North American Datum 1983 move the projection lines 14 meters south and 20 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 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1	2	3	4	5
1	3.2808			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8	9	
5	16.4042			10		
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

ITM grid convergence (GK) and UTM magnetic declination (MD) at center of map. Diagram is approximate.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092



Symbol	Description
	Primary highway, hard surface
	Secondary highway, hard surface
	Light duty road, principal street, hard or improved surface
	Other road or street, mail
	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: protracted
	Power transmission line, pipeline
	Dam: dam with lock
	Cemetery: building
	Windmill; water well; spring
	Mine shaft; salt or cave; mine, quarry; gravel pit
	Campground; 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
	Straw; mangrove
	Other: viewpoint

