



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and 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 1963-1982. Planimetry revised from aerial photographs taken 1980-81 and other source data. Revised information not field checked. Map edited 1984 1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 16 25 000-foot ticks: Mississippi coordinate system, east zone and Alabama coordinate system, west zone

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875

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

Map photoinspected using 1992 photographs

No major culture or drainage changes found

CONTOUR INTERVAL 10 METERS NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADDING MAPS	
Meters	Feet	Diagram		1	2
1	3.2808			1	3
2	6.5617			4	5
3	9.8425			6	7
4	13.1234			8	8
5	16.4042			To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048	
6	19.6850			UTM grid convergency (CM) at center of map Diagram is approximate	
7	22.9658			1 Layer 2 Watersboro 3 Monroeville 4 Hartsburg 5 Atmore 6 Bogalusa 7 Mobile 8 Bay Minette	
8	26.2467				
9	29.5275				
10	32.8084				

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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	
Civil township 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	
Dam; dam with lock	
Cemetary; building	
Well; water well; spring	
Mine shaft; adit or cave; mine, quarry, gravel pit	
Campground; picnic area; U.S. location monument	
Run; cliff dwelling	
Distorted surface: spring, lake, sand	
Contour: 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

