

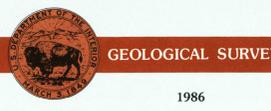
Andalusia ALABAMA

1:100 000-scale metric topographic map



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 1968-1984. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
 25 000-foot grid ticks based on Alabama coordinate system, east and west zones
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 15 meters south and 4 meters west
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 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		ADJOINING MAPS							
Meters	Feet	ON	OFF	1	2	3	4	5	6	7	8
1	3.2808		18 MILES 3 MILES	1	2	3	4	5	6	7	8
2	6.5617			1	2	3	4	5	6	7	8
3	9.8425			1	2	3	4	5	6	7	8
4	13.1234			1	2	3	4	5	6	7	8
5	16.4042			1	2	3	4	5	6	7	8
6	19.6850			1	2	3	4	5	6	7	8
7	22.9659			1	2	3	4	5	6	7	8
8	26.2467			1	2	3	4	5	6	7	8
9	29.5275			1	2	3	4	5	6	7	8
10	32.8084			1	2	3	4	5	6	7	8

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (IGN and 1983 declination (MAG) at center of map. Diagram is approximate.

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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 gauge, narrow gauge
- Bridge: overpass, underpass
- Tunnel: road, rail-road
- 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
- Wellhead; water well, spring
- Mine shaft, adit or cave; mine, quarry, gravel pit
- Campground; picnic area; U.S. location monument
- Runs; cliff dwelling
- Disturbed 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
- Sink, meadow
- Orchard; vineyard

A pamphlet describing topographic maps is available on request