ALABAMA 1:50,000 WGS84/NAD83

GLENWOOD

EDITION 2 - NIMA SERIES V744 SHEET 3747 II

86°14'59.9" 31°45'00.8" — 85°59'59.9" 31°45'00.8"

One second of longitude equals 26.32m

440 000 FEET — 450 000 FEET

370 000 FEET — 380 000 FEET

One second of latitude equals 30.82m

3486 000m N. — 3572 000m E.

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1977

LEGEND

ROADS
- Divided highway with median strip
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate; Federal; State
- Bridge: With superstructure; Without superstructure

RAILROADS (Standard gauge 1.44m.-4'8½")
- Single track
- Multiple track (3 TRACKS)
- Nonoperating
- Railroad station: Location known; Location unknown
- Car line
- Railroad bridge: With superstructure; Without superstructure
- Tunnel: Highway; Railroad

BOUNDARIES
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State; Military (MIL RES)

- Power transmission line
- Buildings
- Structures
- Church; School
- Power substation
- Windmill; Watermill
- Well; Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented (BM × 219.2)
- Bench mark, non-monumented (× 143.9)
- Spot elevations in meters (• 144)
- Levees, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees; Scrub
- Vineyard; Orchard, plantation
- Intermittent lake; Dam; Earthen; Masonry
- Stream: Perennial; Intermittent
- Marsh, swamp
- Small rapids; Small falls
- Large rapids; Large falls (Falls, Rapids)

NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD27 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CORNER TICKS.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH.

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

ELLIPSOID ..... GEODETIC REFERENCE SYSTEM 1980
GRID ..... 1,000 METER UTM, ZONE 16
10,000 FOOT STATE GRID TICKS, ALABAMA (EAST ZONE)
PROJECTION ..... TRANSVERSE MERCATOR
VERTICAL DATUM ..... SEA LEVEL DATUM OF 1929
HORIZONTAL DATUM WGS84/NAD83
CONTROL BY ..... USGS, AND NOS/NOAA
PRINTED BY ..... NIMA 06-00
Reprinted by NGA 10-06

COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 27:
Grid: Add 0m E., Subtract 211m N.
Geographic: Add 0.1" Long., Subtract 0.8" Lat.

NIMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM. UNTIL ALL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED, THE NEW 100,000 METER SQUARE IDENTIFIERS ARE DEPICTED IN BLACK AND THE OLD IN BLUE.

SAMPLE 1,000 METER GRID SQUARE: × Sample point; 46; 12; 13; 45

100,000 M. SQUARE IDENTIFICATION: EA / EV 3500

GRID ZONE DESIGNATION: 16R

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point.
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point.

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.

Example: EA123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 16REA123456

GRID CONVERGENCE (G-T ANGLE) 0°28 (8 1/2 MILS) FOR CENTER OF SHEET

2000 G-M ANGLE 2 1/2° (40 MILS)

GRID NORTH — TRUE NORTH — MAGNETIC NORTH

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

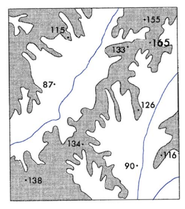
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters: 200, 100, 0 — Feet: 600, 500, 400, 300, 200, 100, 0

ELEVATION GUIDE

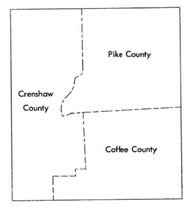


High / Low

ADJOINING SHEETS

3747 IV	3747 I	3847 IV
3747 III	3747 II	3847 III
3746 IV	3746 I	3846 IV

BOUNDARIES



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

THIS MAP IS RED-LIGHT READABLE

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

WGS84/NAD83

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