

Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1978

LEGEND

- ROADS**
- Dotted 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, 4'8 1/2")
- Single track
- Multiple track
- 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
- 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, monument
- Bench mark, non-monumented
- Spot elevations in meters
- Lever, rim, dike
- Bluffs, cliffs
- Wooded
- Scattered trees, scrub
- Vineyard, Orchard, plantation
- Intermittent lake, Dam: Earthen, Masonry
- Stream: Perennial, Intermittent
- Marsh, swamp
- Small rapids, Small falls
- Large rapids, Large falls

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 TICS.

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 LINE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH IN DEVELOPED AREAS. ONLY THROUGH ROADS ARE CLASSIFIED.

ELLIPSOID: GEODETIC REFERENCE SYSTEM 1980
 GRID: 1000-METER UTM ZONE 16 (BLACK NUMBERED LINES)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: WGS84/NAD83
 CONTROL BY: U.S. GEOLOGICAL SURVEY
 PREPARED BY: NIMA 04-06
 REPRINTED BY: NSA 04-06

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 27:
 Grid: Add 1m; Subtract 27m N;
 Geographic: Add 0.0' Long, Subtract 0.0' Lat

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid (left of point and alternate tenth (100 meters) from grid line to point) 12 3

2. Read large numbers labeling the HORIZONTAL grid line below point and alternate tenth (100 meters) from grid line to point 4 5

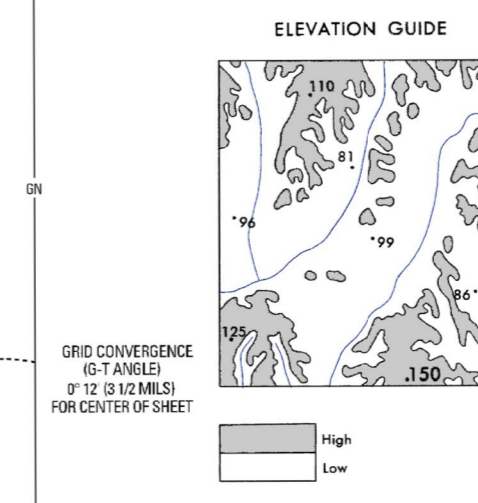
Example: 12345

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION

Example: 123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION

Example: 18EA123456



ADJOINING SHEETS

3647 IV	3647 I	3647 IV
3647 III	3647 II	3647 III
3646 IV	3646 I	3646 IV

BOUNDARIES

- Butler County
- Crawford County
- Crenshaw County
- Covington County

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-6899; COMMERCIAL: 314-353-4884; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES MAIL STOP 1-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5003.

THIS MAP IS RED-LIGHT READABLE

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