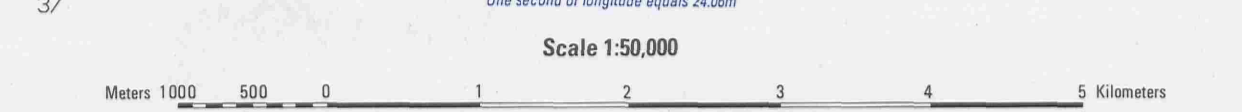
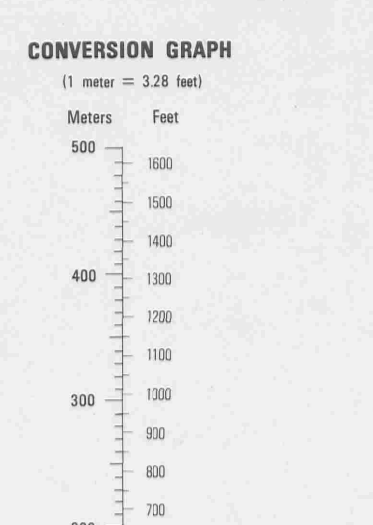


Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency



ELEVATIONS IN METERS
CONTOUR INTERVAL 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GRID: 1,000-METER UTM ZONE 18 (BLACK NUMBERS) OVERSAMPLING
 5,000-METER STATE GRID TICKS, INDIANA (EAST ZONE)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983 (METERS)
 PREPARED BY: U.S. GEOLOGICAL SURVEY
 PRINTED BY: NIMA 4-01



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. 12.3
 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.9
 Example: FJ123456

WHEN REPORTING ACROSS A 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
 Example: 18SFC123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Example: 18SF123456

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP (USGS 1-800-425-6898, COMMERCIAL 314-263-4864, DSN 693-4864, OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: EIS, MAIL STOP 1-68, 900 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

MAP INFORMATION AS OF 1998

LEGEND

POPULATED PLACES
 Densely built-up areas
 Sparsely to moderately built-up areas

ROADS
 All weather, hard surface
 Two or more lanes wide
 One lane wide
 All weather, loose or light surface
 Two or more lanes wide
 One lane wide

RAILROADS
 Normal gauge 1.44m (4'8 1/2")
 Narrow gauge 0.91m (3')
 Electric

BRIDGES
 Pedestrian
 Standard
 Culvert

MISCELLANEOUS CULTURAL FEATURES
 Church
 Cemetery
 Building: School, Hospital
 Located object: Tank, Well
 Mine: Active, Abandoned
 Area name: Napoleon

OBSTRUCTIONS
 Elevation of obstruction top above sea level
 Elevation of obstruction top above ground level (100)
 High tension power line; communication tower

BOUNDARIES
 First-order administrative division

RELIEF
 Bluff, cliff, escarpment
 Depression
 Level: Sand
 Spot elevations: Normal
 Highest: Normal
 Perennial Intermittent

DRAINAGE
 Stream: Less than 25m wide, Over 25m wide
 Lake/pond
 Spring
 Well
 Ditch: Less than 25m wide, Over 25m wide
 Tank
 Dissipating stream
 Lead subject to inundation

VEGETATION
 Woodland
 Scrub: Scattered trees
 Orchard: Vineyard

NOTES
 A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.
 ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
 CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.
 NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING, AND NAVIGATION AT THIS SCALE.

ADJOINING SHEETS

3962 I	3962 IV	3962 I
3962 II	3962 III	3962 II
3961 I	3961 IV	3961 I

BOUNDARIES

INDIANA
 A. Decatur County
 B. Madison Township
 C. Jennings County
 D. Casselton Township
 E. Ripley County
 F. Ripley County
 G. Jackson Township
 H. Jackson Township
 I. Jackson Township
 J. Jackson Township
 K. Jackson Township
 L. Jackson Township
 M. Jackson Township
 N. Jackson Township
 O. Jackson Township
 P. Jackson Township
 Q. Jackson Township
 R. Jackson Township
 S. Jackson Township
 T. Jackson Township
 U. Jackson Township
 V. Jackson Township
 W. Jackson Township
 X. Jackson Township
 Y. Jackson Township
 Z. Jackson Township

GRID CONVERGENCE
 1" = 10.9 METERS
 FOR CENTER OF SHEET

SLOPE GUIDE
 PERCENTAGE DEGREE
 1% 1.0°
 2% 2.0°
 3% 3.0°
 4% 4.0°
 5% 5.0°
 6% 6.0°
 7% 7.0°
 8% 8.0°
 9% 9.0°
 10% 10.0°
 11% 11.0°
 12% 12.0°
 13% 13.0°
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 49% 49.0°
 50% 50.0°
 51% 51.0°
 52% 52.0°
 53% 53.0°
 54% 54.0°
 55% 55.0°
 56% 56.0°
 57% 57.0°
 58% 58.0°
 59% 59.0°
 60% 60.0°

ELEVATION GUIDE
 High
 Medium
 Low

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