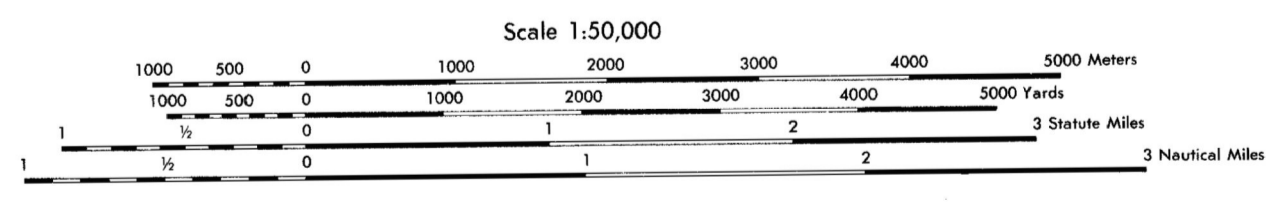


Prepared and published by the Defense Mapping Agency

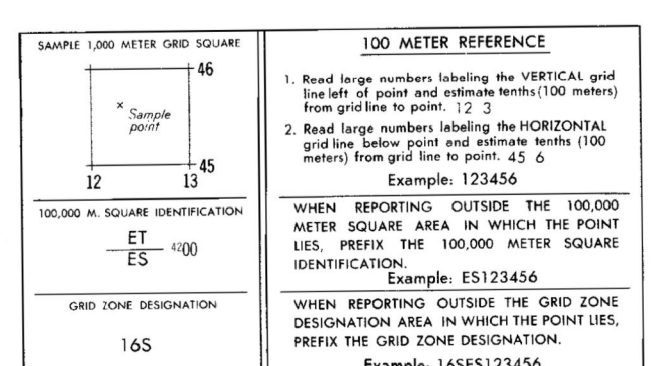


- LEGEND**
MAP INFORMATION AS OF 1977
ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH.
- ROADS**
 - Divided highway with median strip
 - Primary all-weather, hard surface
 - Secondary all-weather, hard surface
 - Light duty all-weather, hard or improved surface
 - Fair or dry-weather, unimproved surface
 - Trail
 - Route markers: Interstate, Federal, State
 - BRIDGES**
 - Overpass, Underpass
 - Highway bridge, Footbridge
 - Railroad bridge
 - RAILROADS**
 - Standard gauge 1.44 meters (4 1/2 ft)
 - Narrow-gauge
 - BOUNDARIES**
 - National
 - State or territory
 - County or parish, with marker
 - Civil township, precinct, town, hamlet
 - Incorporated city, village, town, hamlet
 - Reservation: National, state, Military
 - Buildings or structures**
 - Church, School
 - Tank, Windmill
 - Power transmission line
 - Benchmarks: Monumented, Non-monumented
 - Horizontal control station
 - Spot elevations in meters: Checked, Unchecked
 - Mine or quarry: Light
 - Leaves, Cut, Fill
 - Woodland
 - Scattered trees
 - Orchard
 - Marsh or swamp
 - Disappearing stream
 - Disappearing stream
 - Dam: Masonry, Earth
 - Intermittent lake
 - Spring: Well
 - Intermittent stream

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

SPHEROID: CLARKE 1866
GRID: 1,000 METER, UTM ZONE 18
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: USGS, NAD, AND CE

Reprint by NIMA 01-01



ELEVATION GUIDE

ADJOINING SHEETS

BOUNDARIES

1975 G.M. ANGLE 1° (10 MILS)

GRID CONVERGENCE FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH: SUBTRACT G.M. ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH: ADD G.M. ANGLE

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1 800 526 0898. COMMERCIAL: 311-281-8864. OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP 1-8, 8600 SANGAMORE ROAD, BETHESDA, MD 20815-9003.

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