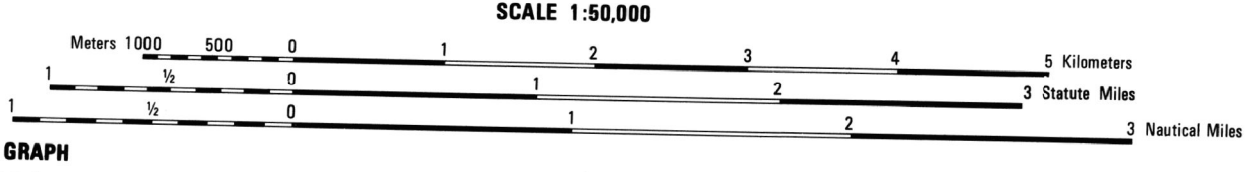




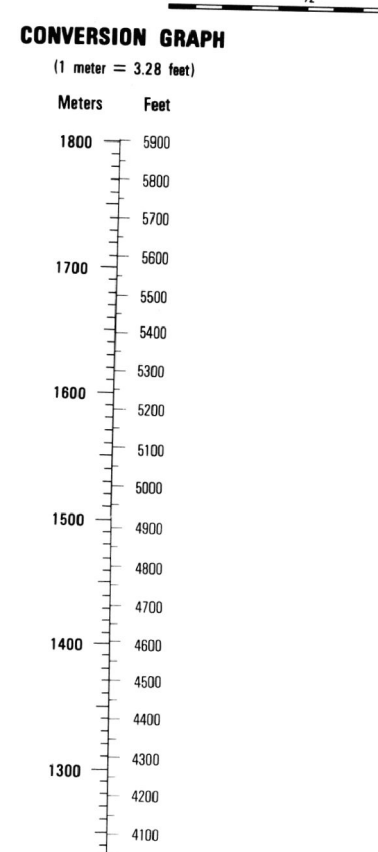
Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.
 MAP INFORMATION AS OF 1985.



LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.
 A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
 THESE MAY BE PRIVATE ENCLOSURES WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ROADS	Power transmission line
Divided highway with median strip	High-voltage transmission line
Primary, all weather, hard surface	Structure
Secondary, all weather, hard surface	Church, School
Light duty, all weather, hard or improved surface	Power substation
Fair or dry weather, unimproved surface	Windmill, Watermill
Trail	Well, Tank
Route markers: Interstate, Federal, State	Mine shaft
RAILROADS (Standard gauge 1.44m - 4'9 1/4")	Open pit mine or quarry
Single track	Horizontal control station
Multiple track	Bench mark, monumented
Nonoperating	Bench mark, non-monumented
Railroad station: Location known: Location unknown	Spot elevation in meters
Car line	Lenses, zinc, dikes
BRIDGE	Bluffs, cliffs
Railroad bridge	Wooded area: Scrub
Tunnel, Highway, Railroad	Vineyard, Orchard, plantation
BOUNDARIES	Intermittent lake: Dam, Section, Masonry
National, with monument	Stream: Perennial, Intermittent
State, territory	Marsh, swampy
County, parish	Small falls, Large falls
Civil township, town	Small rapids, Large rapids
Incorporated city, village, town	
Reservation: National, State, Military	



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

SPHEROID CLARKE 1866
GRID 1000-METER UTM ZONE 12 (BLACK NUMBERED LINES)
PROJECTION 1800 FOOT STATE GRID TICS, UTM (NORTH AND CENTRAL ZONE)
VERTICAL DATUM TRANSVERSE MERCATOR
HORIZONTAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL 1927 NORTH AMERICAN DATUM
CONTROL BY USGS AND NOS/NOAA
PREPARED BY U.S. GEOLOGICAL SURVEY

Reprinted by NIMA 08-00

FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 20192

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point 12 3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from grid line to point 45.6

Example: 123456

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

Example: U123456

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

Example: 12TU123456

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-45-8888 COMMERCIAL 914-260-5022 (201) 460-8022 OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: COO, MAIL STOP P-37, 8600 SANDHURST ROAD, BETHESDA, MD 20815-5005

THIS MAP IS RED-LIGHT READABLE

