

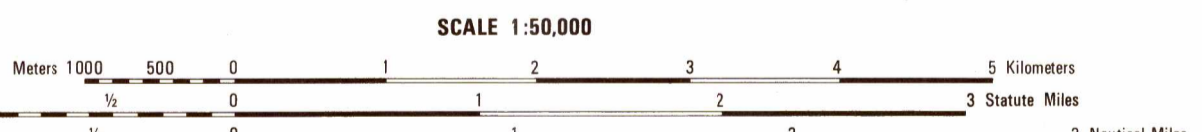
Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency

MAP INFORMATION AS OF 1992

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.
 THERE MAY BE PRIVATE INCLUSIONS WITHIN THE BOUNDARIES OF
 THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

- 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
- RAILROADS** (Standard gauge 1.44m - 4'8 1/2")
 - Single track
 - Multiple track
 - Nonoperating
 - Railroad station: Location known, Location unknown
 - Car line
 - Railroad bridge
 - Express 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**
- Leaves, rims, dikes**
- Bluffs, cliffs**
- Woodland**
- Scattered trees; Scrub**
- Vineyard; Orchard; plantation**
- Interruption lake; Dam; Earth; Masonry**
- Stream; Perennial; Intermittent**
- Marsh, swamp**
- Small falls; Large falls**
- Small rapids; Large rapids**



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS
SUPPLEMENTARY CONTOURS 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GEODETIC REFERENCE SYSTEM 1980
 GRID: 1,000-METER UTM ZONE 12 (BLACK NUMBERED LINES)
 5,000-METER STATE GRID TICS; ARIZONA WEST AND CENTRAL ZONES
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1989
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983
 WORLD GEODETIC SYSTEM 1984
 U.S.S. NAVY AND DA
 U.S. GEOLOGICAL SURVEY
 CONTROL BY: U.S. GEOLOGICAL SURVEY
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OR RESTON, VIRGINIA 22092

100 METER REFERENCE

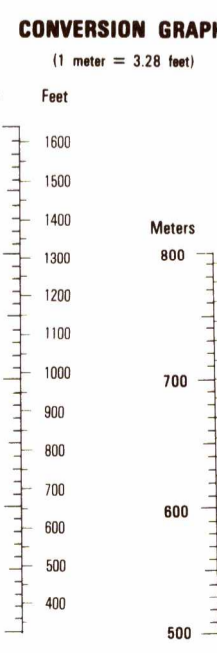
1. Read large numbers labeling the VERTICAL grid line left of the point and estimate tenths (100 meters) from grid line to point. Example: 12 13

2. Read large numbers labeling the HORIZONTAL grid line below the point and estimate tenths (100 meters) from grid line to point. Example: 45

Example: 121345

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES. Example: TA123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION. Example: 12TA123456



THIS MAP IS RED-LIGHT READABLE

GRID CONVERGENCE
1" IS 122.1 METERS
FOR CENTER OF SHEET

