

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

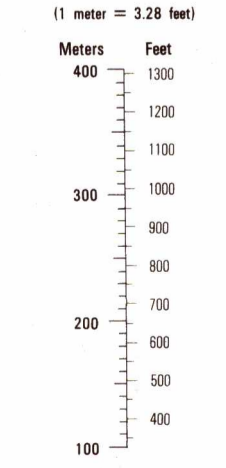
MAP INFORMATION AS OF 1992

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 HOLDINGS 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
- Bridge
- RAILROADS (Standard gauge 1.44m - 4'8 1/2")
- Single track
- Multiple track
- Nonoperating
- Railroad station: Location known, Location unknown
- Car line
- Railroad bridge
- 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
- Church, School
- Power substation
- Windmill, Watermill
- Well, Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Survey mark, monument
- Survey mark, non-monumented
- Spot elevations in meters
- Leaves, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees: Scotch
- Viewshed: Orchard, plantation
- Intermittent lake: Dam, Earthen, Masonry
- Stream: Perennial, Intermittent
- Marsh, swamp
- Small falls, Large falls
- Small rapids, Large rapids

CONVERSION GRAPH



ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GEODETIC REFERENCE SYSTEM 1986
 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 VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983
 WORLD GEODETIC SYSTEM 1984
 USGS AND MARIKOPA
 CONTROL BY: U.S. GEOLOGICAL SURVEY

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SAMPLE 1,000 METER GRID SQUARE

100 METER REFERENCE

- Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12.3
- Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (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.

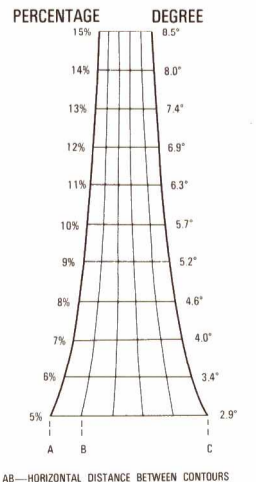
Example: TB123456

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

Example: 12STB123456

THIS MAP IS RED-LIGHT READABLE

SLOPE GUIDE



BOUNDARIES ADJOINING SHEETS

3350 II	3350 III	3350 II
3349 I	3349 IV	3349 I
3349 II	3349 III	3349 II

ELEVATION GUIDE

