

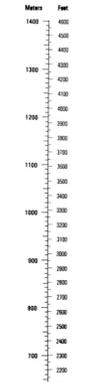
Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.
MAP INFORMATION AS OF 1983

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 INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

LEGEND

- 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")
- Narrow-gauge
- 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
- Structures
- Church, School
- Power substation
- Windmill, Watermill
- Well, Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- BM X 218.2
- Bench mark, non-monumented
- X 143.9
- Spot elevations in meters
- Levees, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees, scrub
- Vineyard, Orchard, plantation
- Intermittent lake, Dam, Earthen, Masonry
- Stream: Perennial, Intermittent
- Marsh, swamp
- Small falls, large falls
- Small rapids, Large rapids

CONVERSION GRAPH
(1 meter = 3.28 feet)



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

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

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenth (100 meters) from grid line to point 12.3

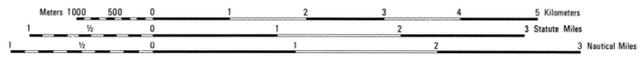
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from grid line to point 45.6

Example: 123456

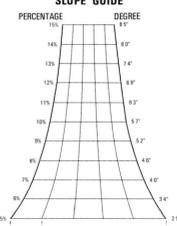
WHEN REPORTING ACROSS A 100-METER LINE, PREFIX THE 100-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
Example: VM123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
Example: 12SVM123456

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE MIMA CUSTOMER HELP DESK, 1-800-455-0883 COMMERCIAL 1-314-269-1238 OR WRITE TO: ATTN: COO, MAIL STOP P-37 NATIONAL IMAGERY AND MAPPING AGENCY 4600 SANGAMORE ROAD BETHESDA, MD 20816-5003



THIS MAP IS RED-LIGHT READABLE



BOUNDARIES

Final County

ADJOINING SHEETS

3750 III	3750 II	3860 III
3748 IV	3748 I	3848 IV
3748 III	3748 II	3848 II

Sheet 3749 I falls within: N12-11, 1501, 1:250,000

