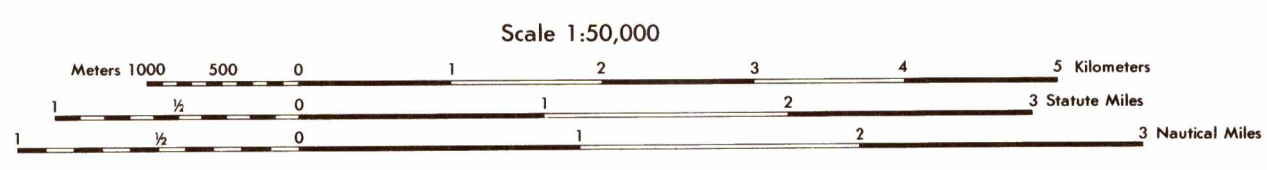


Prepared and published by the Defense Mapping Agency  
Topographic Center, Washington, D. C.

**LEGEND**  
MAP INFORMATION AS OF 1978

- 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, two or more lanes wide
    - Secondary all weather, hard surface, two or more lanes wide
    - Light duty, all weather, hard or improved surface
    - Fair or dry weather, unimproved surface
    - Trail
    - Route markers: Interstate, Federal, State
    - RAILROADS Standard gauge: 1.46m (4'8 1/2")
    - Single track
    - Multiple track, single track, non-operating
    - Railroad station: Position known, Position unknown
    - Car lift
  - BOUNDARIES**
    - National
    - State, territory
    - County, parish, municipio
    - Civil township, precinct, town, barrio
    - Incorporated city, village, town, hamlet
    - Reservation: National, state, Military
    - Power transmission line
  - Buildings or structures**
    - Church, School
    - Tank, Fort
    - Windmill, Watermill
    - Mines: Horizontal shaft, Vertical shaft
    - Mine, prospect
    - Open pit mine or quarry, inactive
    - Open pit mine or quarry, active
    - Horizontal control station
    - Bench mark, monument
    - Bench mark, non-monumented
    - Spot elevations in meters: Checked, Unchecked
    - Woodland, Scrub
    - Orchard, Vineyard
    - Intermittent lake and stream, Wash
    - Dams, Masonry, Earth
    - Marsh or swamp
    - Rapids; Falls; Large rapids
    - Spring, Well, Large falls



**ELEVATIONS IN METERS**

CONTOUR INTERVAL 40 METERS  
SUPPLEMENTARY CONTOURS 20 METERS

**SPHEROID** CLARKE 1866  
**GRID PROJECTION** 1,000 METER, UTM ZONE 12  
**TRANSVERSE MEASUREMENT** HANGKOVICZ  
**VERTICAL DATUM** NATIONAL GEODETIC VERTICAL DATUM OF 1929  
**HORIZONTAL DATUM** 1973 NORTH AMERICAN DATUM  
**CONTROL BY** USGS AND NGS/NOAA

Reprinted by NIMA 9-03  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA, 22092

**100 METER GRID SQUARE**

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. Example: 12 3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. Example: 45 6

Example: 123456

**WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION.** Example: WL123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.** Example: 12RW123456

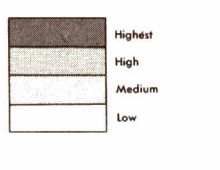
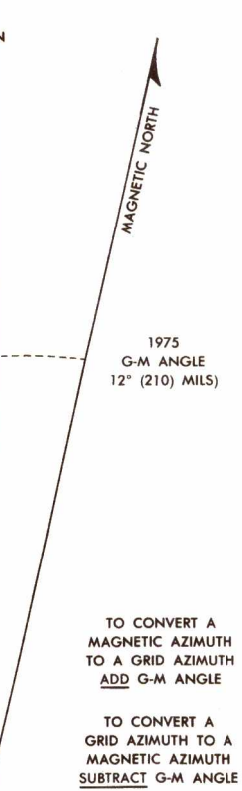
**ELEVATION GUIDE**

**ADJOINING SHEETS**

3848 II	3948 III	3948 II
3847 I	3947 IV	3947 I
3847 II	3947 III	3947 II

**BOUNDARIES**

PIMA COUNTY  
COCHISE COUNTY



THIS MAP IS RED-LIGHT READABLE

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4608 SANGAMORE ROAD, BETHESDA, MD 20815-5003.

NSN 7643014044799  
ED. NO. 002  
NIMA Ref No. V798X39474