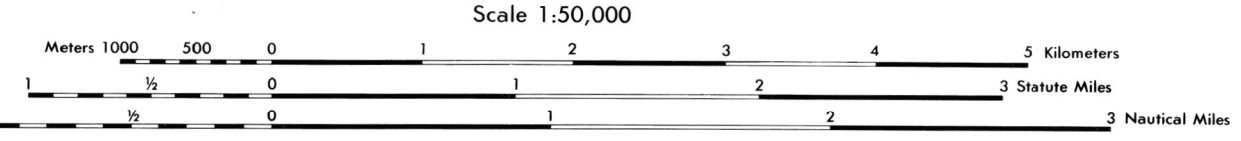


NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD27 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CORNER TICKS.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 25 METERS (8 FEET) IN WIDTH.



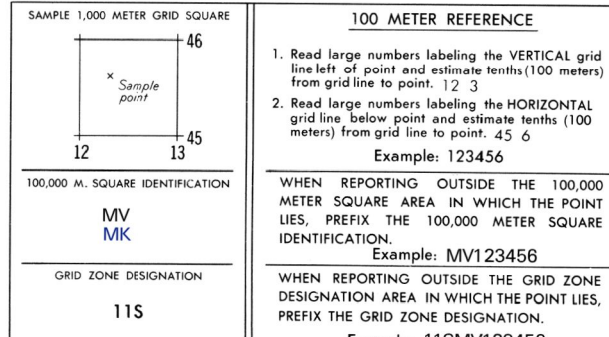
ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

ELLIPSOID: GEODETIC REFERENCE SYSTEM 1980  
 GRID: 1000 METER UTM, ZONE 11  
 PROJECTION: TRANSVERSE MERCATOR  
 VERTICAL DATUM: SEA LEVEL DATUM OF 1929  
 HORIZONTAL DATUM: WGS84/NAD83  
 CONTROL BY: USGS AND NGS/NOAA  
 PRINTED BY: NIMA 04-00

COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 27:  
 Grid: Add 79mE, Subtract 187mN,  
 Geographic: Subtract 3.2' Long, Add 0.1' Lat.

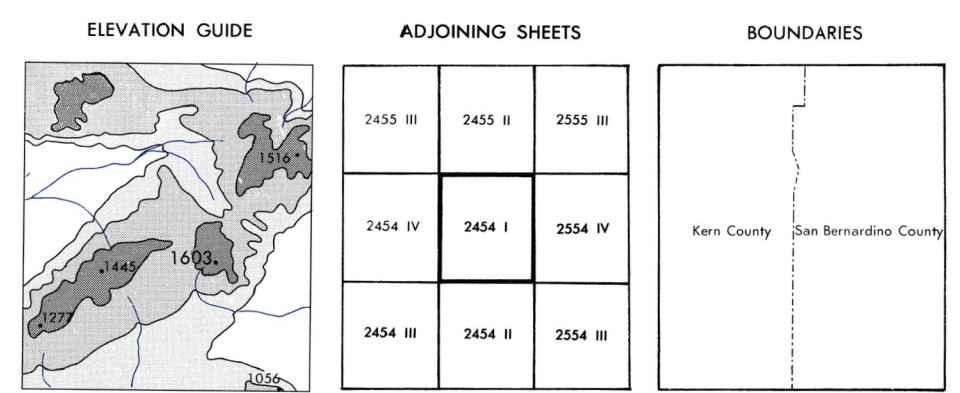
NIMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM. UNTIL ALL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED, THE NEW 100,000 METER SQUARE IDENTIFIERS ARE DEPICTED IN BLACK AND THE OLD IN BLUE.



Prepared and published by the National Imagery and Mapping Agency  
**MAP INFORMATION AS OF 1980**

LEGEND

- 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: 1.44m (4'8 1/2")
  - Single track
  - Multiple track
  - Multiple track, single track, non-operating
  - Railroad station: Position known, Position unknown
  - Car line
- 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
  - Mine: Horizontal shaft, Vertical shaft
  - Mine, prospect
  - Open pit mine or quarry, inactive
  - Open pit mine or quarry, active
  - Horizontal control station
  - Bench mark, non-monumented
  - Bench mark, monumented
  - Spot elevations in meters: Checked, Unchecked
  - Woodland, Scrub
  - Orchard, Vineyard
  - Intermittent lake and stream, Wash
  - Dams: Masonry, Earthen
  - Marsh or swamp
  - Rapids; Falls; Large rapids
  - Spring; Well; Large falls



FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

**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 693-4884 OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-48, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-9003

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH: ADD G.M. ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A TRUE AZIMUTH: SUBTRACT G.M. ANGLE

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