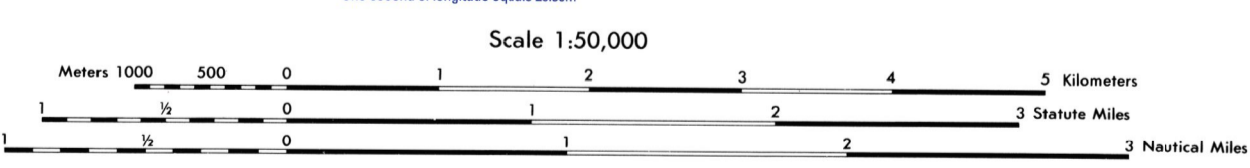


Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1980



- 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, unpaved surface
 - Trail
 - Route markers: Interstate, Federal, State
- RAILROADS**
- Standard gauge: 1.44m (4 11/16")
 - Single track
 - Multiple track
 - Multiple track, Single track, non-operating
 - Railroad station: Position known, Position unknown
 - Car line
- BOUNDARIES**
- National
 - State, territory, municipio
 - County, parish, municipio
 - Civil township, precinct, town, barrio
 - Incorporated city, village, town, hamlet
 - Reservation: National, state, Military
 - Power transmission line

LEGEND

- 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, monumented
- Bench mark, non-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

NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD22 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CORNER TICS.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (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.

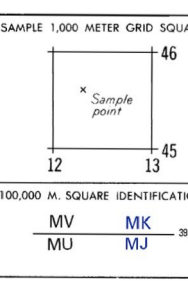
ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
 SUPPLEMENTARY CONTOURS 5 METERS

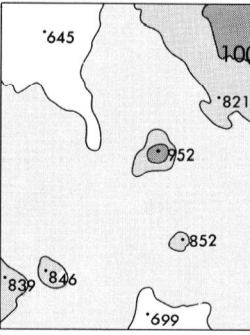
GRID SYSTEM: UTM
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: SEA LEVEL DATUM OF 1929
 HORIZONTAL DATUM: WGS84/NAD83
 CONTROL BY: USGS AND NOS/NOAA
 PRINTED BY: NIMA 8248

COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 22:
 Grid Add 80m E, Subtract 187m N
 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.



ELEVATION GUIDE



ADJOINING SHEETS

2354 I	2454 IV	2454 I
2354 II	2454 III	2454 II
2353 I	2453 IV	2453 I

BOUNDARIES



GRID CONVERGENCE (G-M ANGLE) (0° 30' (18 MILES) FOR CENTER OF SHEET)

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT 0.6-M ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD 0.6-M ANGLE

THIS MAP IS RED-LIGHT READABLE
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 OR RESTON, VIRGINIA 22092

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK:
 1-800-451-0898; COMMERCIAL 314-266-3625; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CDD, MAIL STOP P-37, 4801 SANGAMORE ROAD, BETHESDA, MD 20816-3003.

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