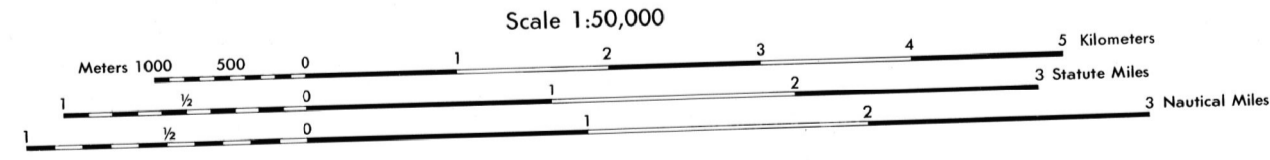


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Hydrographic/Topographic Center, Washington, D. C.

LEGEND
MAP INFORMATION AS OF 1978

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.3 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, hard or improved surface
 - Trail
 - Route markers, Interstate, Federal, State
 - Railroads Standard gauge: 1.44m (4ft 9in)
 - Single track
 - Multiple track
 - Multiple track, single track, non-operating
 - Railroad station, Position known; Position unknown
 - Car line
- BOUNDARIES**
 - National
 - State, territory
 - County, parish, multiple
 - 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, monumented
 - Bench mark, non-monumented
 - Spot elevations in meters: Checked, Unchecked
 - Woodland; Scrub
 - Orchard; Vineyard
 - Interruption lake and stream, Wash
 - Quarry; Quarry, Earthfill
 - Marsh or swamp
 - Rapids; Falls; Large rapids
 - Spring; Well; Large falls



CONTOUR INTERVAL 5 METERS

CLARKE 1866
1 000 METER UTM ZONE 16
TRANSVERSE MERCATOR
NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER 1179
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

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. 42.5

Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION. Example: GD123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION. Example: 16TGD123456

GRID CONVERGENCE
1'38" (29 MILS)
FOR CENTER OF SHEET

1973
GM ANGLE
41° (80 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
SUBTRACT GM ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
ADD GM ANGLE

THIS MAP IS RED-LIGHT READABLE

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