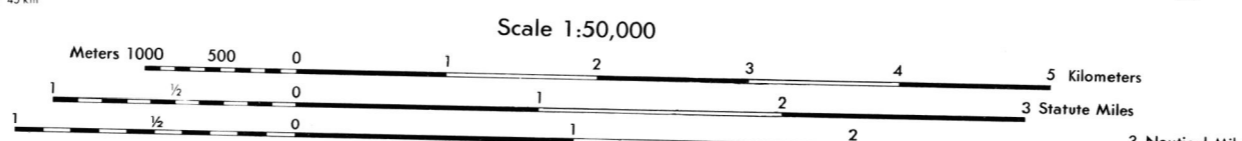


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Topographic Center, Washington, D. C.



**LEGEND**  
MAP INFORMATION AS OF 1972

**ROADS**  
All weather, hard surface, divided highway  
All weather, hard surface, two or more lanes wide  
All weather, loose or light surface, two or more lanes wide  
Fair or dry weather, loose surface  
Track  
Route markers: Interstate, Federal, State

**RAILROADS**  
Standard gauge  
Narrow gauge

**BOUNDARIES**  
State (with monument)  
County  
Township  
Corporate limit  
Military reservation  
Other reservation  
Horizontal control station  
Bench mark, monument  
Bench mark, non-monumented  
Spot elevation in meters: Checked/Unchecked

**BLACK TINT REPRESENTS BUILT-UP AREAS IN WHICH ONLY IMPORTANT BUILDINGS ARE SHOWN**

Power transmission line  
Buildings or structures  
Church, School  
Monument, Tank  
Located object, Ruin  
Windmill, wind pump, Watermill  
Mines: Horizontal shaft, Vertical shaft  
Gravel pit, Mine  
Land subject to controlled inundation  
Land subject to natural inundation  
Woodland  
Vineyard, Orchard  
Intermittent lake  
Intermittent stream, Dam  
Marsh or swamp, Spring  
Rapids, Falls  
Large rapids, Large falls

**ELEVATIONS IN METERS**  
CONTOUR INTERVAL 10 METERS

**SPHEROID** CLARKE 1866  
**PROJECTION** TRANSVERSE MERCATOR  
**VERTICAL DATUM** MEAN SEA LEVEL  
**HORIZONTAL DATUM** NORTH AMERICAN 1927  
**CONTROL** U. S. COAST AND GEODETIC SURVEY AND ARMY MAP SERVICE

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OR RESTON, VIRGINIA 22092

**100 METER REFERENCE**  
1. Read large numbers labeling the VERTICAL grid (left of grid and estimate tenths (100 meters) from grid line to point).  
2. Read large numbers labeling the HORIZONTAL grid line below grid and estimate tenths (100 meters) from grid line to point.  
Example: 123456

**WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION, IN WHICH THE POINT LIES.**  
Example: UK123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.**  
Example: 135UK123456

**ELEVATION GUIDE**

**ADJOINING SHEETS**

**BOUNDARIES**

**METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1979**  
THIS MAP IS RED-LIGHT READABLE

**GRID CONVERGENCE**  
17'4" (21 METERS)  
FOR CENTER OF SHEET

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

**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
SUBTRACT G.M. ANGLE

1970 G.M. ANGLE 81° (150 METERS)

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-495-9090, COMMERCIAL: 314-263-4864, DSN: 693-4884, OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: 65, MAIL STOP L-48, 4800 SANGAMORE ROAD, BETHESDA, MD 20816-9003.