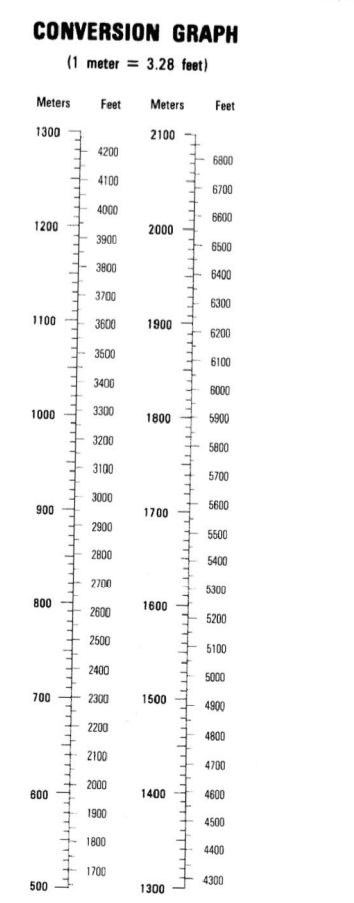


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.  
 MAP INFORMATION AS OF 1986

**LEGEND**  
 CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.  
 A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.  
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.  
 THERE MAY BE PRIVATE RESERVATIONS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>ROADS</li> <li>Divided highway with median strip</li> <li>Primary, all weather, hard surface</li> <li>Secondary, all weather, hard surface</li> <li>Light duty, all weather, hard or improved surface</li> <li>Fair to poor weather, unpaved surface</li> <li>Trail</li> <li>Route markers: Interstate, Federal, State</li> <li>Car line</li> <li>Bridge</li> <li>RAILROADS (Standard gauge 1.44m - 4'9 1/2")</li> <li>Single track</li> <li>Multiple track</li> <li>Nonworking</li> <li>Railroad station: Location known, Location unknown</li> <li>Tunnel: Highway, Railroad</li> <li>BOUNDARIES</li> <li>National, with monument</li> <li>State, territory</li> <li>County, parish</li> <li>Civil township, town</li> <li>Incorporated city, village, town</li> <li>Reservation: National, State, Military</li> </ul> | <ul style="list-style-type: none"> <li>Power transmission line</li> <li>Buildings</li> <li>Structures</li> <li>Church, School</li> <li>Power substation</li> <li>Windmill, Watermill</li> <li>Well, Trough</li> <li>Mine shaft</li> <li>Open pit mine or quarry</li> <li>Horizontal control station</li> <li>Bench mark, monumented</li> <li>Bench mark, non-monumented</li> <li>Spot elevations in meters</li> <li>Leaves, rills, dikes</li> <li>Bluffs, cliffs</li> <li>Woodland</li> <li>Scattered trees: Scrub</li> <li>Viewed: Orchard, plantation</li> <li>Intermittent lake: Dam, Earthed, Masonry</li> <li>Stream: Perennial, Intermittent</li> <li>Marsh, meadow</li> <li>Small falls, Large falls</li> <li>Small rapids, Large rapids</li> </ul> |
|---|--|



**ELEVATIONS IN METERS**  
 CONTOUR INTERVAL 40 METERS  
 SUPPLEMENTARY CONTOURS 20 METERS

ELLIPSOID: GEODETIC REFERENCE SYSTEM 1980  
 GRID: 1,000 METER UTM ZONE 11 (BLACK NUMBERED LINES)  
 PROJECTION: TRANSVERSE MERCATOR  
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983  
 CONTROL BY: USGS AND NOS/NOAA  
 PREPARED BY: U.S. GEOLOGICAL SURVEY  
 PUBLISHED BY: DMAPHC 5-52

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 OR RESTON, VIRGINIA 22082

**GRID CONVERGENCE**  
 0.161 (16.1 CM) FOR CENTER OF SHEET

**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
 ADD: 6-M ANGLE  
 SUBTRACT: 6-M ANGLE

**BOUNDARIES**

**ADJOINING SHEETS**

2254 III	2254 II	2254 I
2253 IV	2253 I	2253 IV
2253 III	2253 II	2253 III

Sheet 2253 I falls within N 11 4 1981 1:50,000

**ELEVATION GUIDE**

**SLOPE GUIDE**

**USGS 34118-65-TM-050**

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