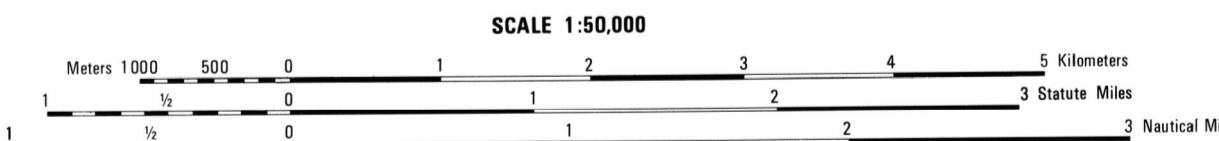


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.  
MAP INFORMATION AS OF 1983.

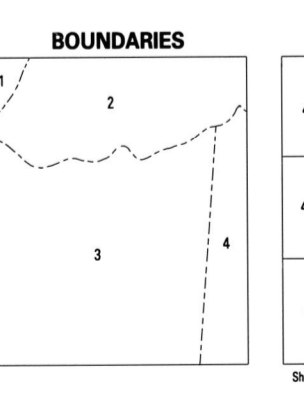
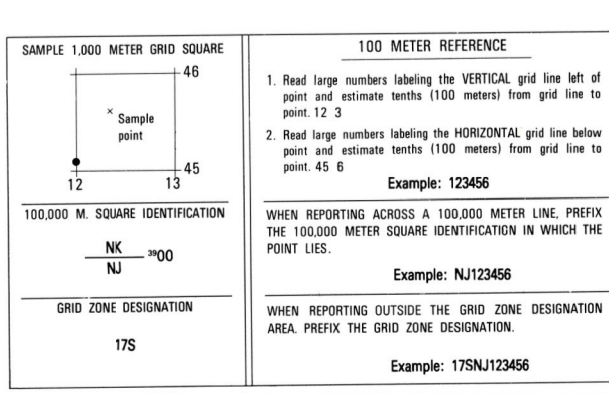
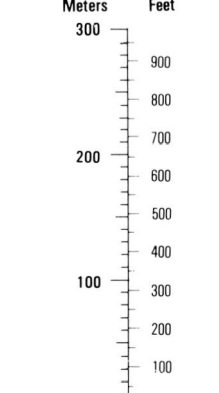


ELEVATIONS IN METERS  
CONTOUR INTERVAL 10 METERS

SPHEROID ..... CLARKE 1866  
GRID ..... 1,000-METER UTM ZONE 17 (BLACK-NUMBERED LINES)  
PROJECTION ..... TRANSVERSE MERCATOR  
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM  
CONTROL BY ..... U.S. AND NON-U.S. POINTS  
PREPARED BY ..... U.S. GEOLOGICAL SURVEY  
PUBLISHED BY ..... DMAPCIT 9-86

THIS MAP IS RED-GRAPH READABLE

CONVERSION GRAPH  
(1 meter = 3.28 feet)



ADJOINING SHEETS

4954 I	4954 IV	4954 I
4954 II	4954 III	4954 II
4953 I	4953 IV	4953 I

Sheet 4954 III falls within N 152, 1901, 1:50,000.

- 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 HOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.
- ROADS: Divided highway with median strip, Primary, all weather, hard surface, Secondary, all weather, hard surface, Light duty, all weather, hard or improved surface, Fair or dry weather, unimproved surface, Trail, Route markers: Interstate, Federal, State, Bridge, Railroad (Standard gauge 1.44m - 4'8 1/2"), Single track, Nonoperating, Railroad station: Location known, Location unknown, Car line, Railroad bridge, Tunnel: Highway, Railroad
  - BOUNDARIES: National, with monument, State, territory, County, parish, Civil township, town, Incorporated city, village, town, Reservation: National, State, Military
  - Buildings, Churches, School, Power substation, Windmill, Watermill, Well, Tank, Mine shaft, Open pit mine or quarry, Historical control station, Bench mark, non-monumented, Spot elevations in meters, BM x 219.2, x 143.9, x 144.4
  - Leaves, rims, dikes, Bluffs, cliffs, Woodland, Scattered trees: Scrub, Vineyard; Orchard; plantation, Intermittent lake; Dam; Earthen; Masonry, Stream: Perennial; Intermittent, Marsh, swamp, Small falls, Large falls, Small rapids, Large rapids
  - Power transmission line, Buildings, Churches, School, Power substation, Windmill, Watermill, Well, Tank, Mine shaft, Open pit mine or quarry, Historical control station, Bench mark, non-monumented, Spot elevations in meters, BM x 219.2, x 143.9, x 144.4

GRID CONVERGENCE 072.80 METERS FOR CENTER OF SHEET  
1983 G.M. ANGLE 51° 10' 10.00"  
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G.M. ANGLE  
TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G.M. ANGLE

