



Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.
 MAP INFORMATION AS OF 1982

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

- LEGEND**
- 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
 - RAILROADS** (Standard gauge 1.44m - 4'8 1/2")
 - Single track
 - Multiple track
 - Nonoperating
 - Railroad station: Location known; Location unknown
 - Car line
 - Tunnel: Highway, Railroad
 - BOUNDARIES**
 - National, with monument
 - State, territory
 - County, parish
 - Civil township, town
 - Incorporated city, village, town
 - Reservation: National, State, Military
 - Other features:**
 - Power transmission line
 - Buildings
 - Structures
 - Church, school
 - Power substation
 - Windmill, watermill
 - Well, tank
 - Mine shaft
 - Open pit mine or quarry
 - Horizontal control station
 - Bench mark, monument
 - Bench mark, non-monumented
 - Spot elevations in meters
 - Leaves, cims, dikes
 - Sluffs, 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

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
100	328	1000	3280
200	656	1500	4920
300	984	2000	6560
400	1312	2500	8200
500	1640	3000	9840
600	1968	3500	11480
700	2296	4000	13120
800	2624	4500	14760
900	2952	5000	16400
1000	3280	5500	18040

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS

SPHEROID GEODETIC REFERENCE SYSTEM 80
GRID 1,000-METER UTM ZONE 5 (BLACK NUMBERED LINES)
 1,000-METER UTM ZONE 4 (BLUE NUMBERED LINES)
PROJECTION TRANSVERSE MERCATOR
VERTICAL DATUM MEAN SEA LEVEL
HORIZONTAL DATUM NORTH AMERICAN DATUM 1983
CONTROL BY U.S. AND NOS/NOAA U.S. GEOLOGICAL SURVEY
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