

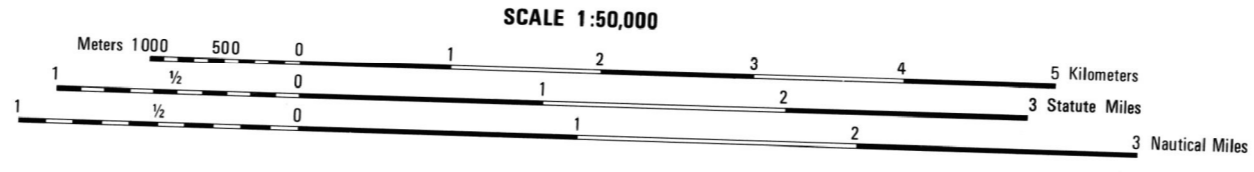
Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

MAP INFORMATION AS OF 1983

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 BUILDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

LEGEND

- 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, unpaved surface
- Trail
- Route markers: Interstate, Federal, State
- Bridge
- Railroad (Standard gauge 1.44m - 4'8 1/2)
- Multiple track
- Nonoperating
- Railroad station: Location known, Location unknown
- Car line
- Railroad bridge
- Tunnel: Highway, Railroad
- BOUNDARIES**
- National, with monument
- State, boundary
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State, Military
- Power transmission line
- Building
- Structure
- Church: School
- Power substation
- Windmill, Watermill
- Well: Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented
- Bench mark, non-monumented
- Spot elevations in meters
- Levee, rim, dike
- Bluff, cliff
- 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



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

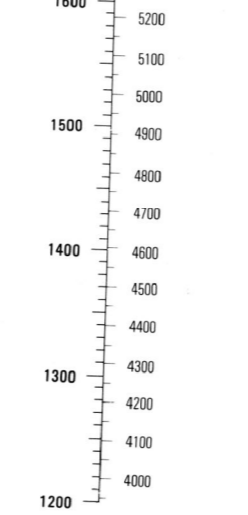
SPHEROID: CLARK 1866
 GRID: 1000-METER UTM ZONE 12 (BLACK NUMBERED LINES)
 1000-METER UTM ZONE 11 (BLUE NUMBERED TICKS)
 10,000-FOOT STATE GRID TEXAS, UTM

PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1989
 HORIZONTAL DATUM: 1987 NORTH AMERICAN DATUM
 CONTROL BY: STATE AND NATIONAL
 PREPARED BY: U.S. GEOLOGICAL SURVEY

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

CONVERSION GRAPH

(1 meter = 3.28 feet)



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 45.6

Example: 123456

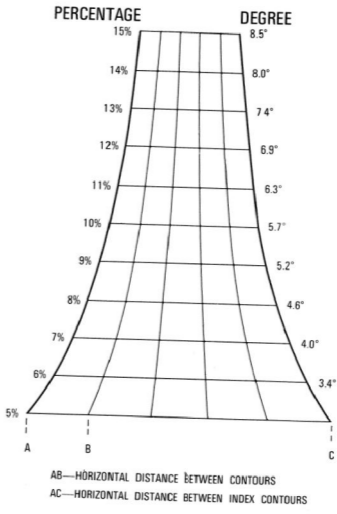
WHEN REPORTING ACROSS A 100,000-METER LINE, PREFIX THE 100,000-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: TV123456

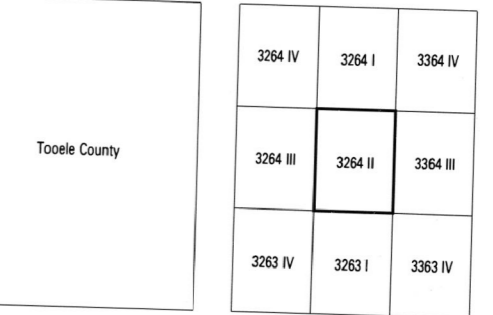
WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 12TV123456

SLOPE GUIDE



BOUNDARIES



ELEVATION GUIDE

