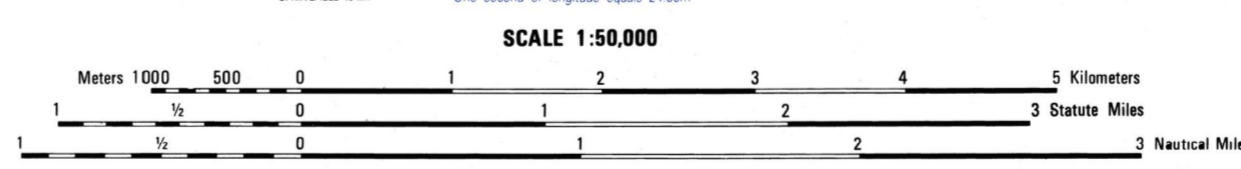
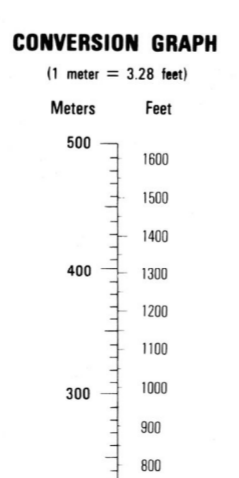


Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.
 MAP INFORMATION AS OF 1989.



LEGEND
 CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.
 A LANE ON THIS MAP IS CONSIDERED TO BE 3.5 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.

- 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
- RAILROADS (Standard gauge 1.44m - 4'8 1/2")
- Single track
- Multiple 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
- Power transmission line
- Buildings
- Structure
- 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 elevation in meters
- Leaves, rocks, dikes
- Bluffs, cliffs
- Woodland
- Snowed areas: Snow
- Viewshed: 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 10 METERS

ELLIPSOID: GEODETIC REFERENCE SYSTEM 1980
 GRID: 1,000 METER UTM ZONE 18
 PROJECTION: 5,000-METER STATE GRID TICS, MISSOURI CENTRAL ZONE
 TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929
 HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983
 CONTROL BY: USGS AND NOS/NOAA
 PREPARED BY: U.S. GEOLOGICAL SURVEY
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100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point 12.3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point 45.6

Example: 123456

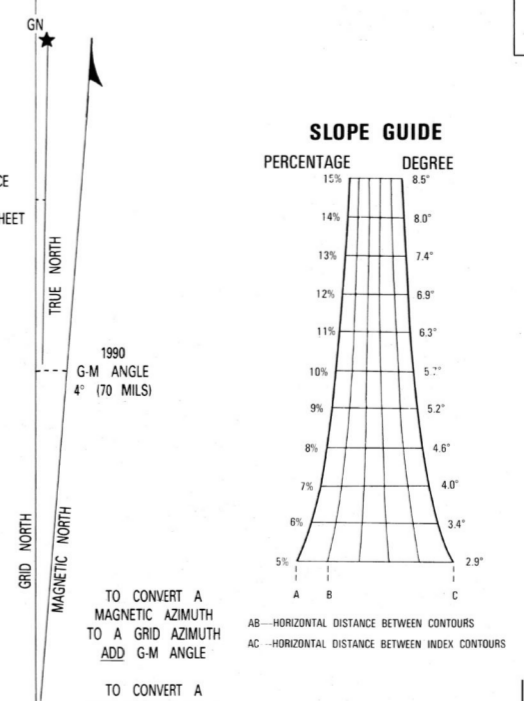
WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: V8123456

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

Example: 18S V8123456

THIS MAP IS RED-LIGHT READABLE



BOUNDARIES

Polk County	Dallas County
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ADJOINING SHEETS

7359 I	7359 J	7459 IV
7359 II	7359 III	7459 III
7359 IV	7359 I	7459 IV

