

Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency

MAP INFORMATION AS OF 1983

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN. A LINE ON THIS MAP IS CONSIDERED TO BE 25 METERS WIDE.

ROADS

- Divided highway with median strip
- Primary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair to dry weather, unimproved surface
- Trail
- Route markers: Interstate, Federal, State
- Car line

RAILROADS (Standard gauge 1.44m - 4' 8 1/2")

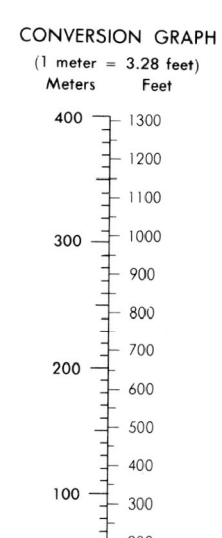
- Single track
- Multiple track
- Nonoperating
- Railroad station: Location known, Location unknown
- Car line
- Railroad bridge
- Tunnel: Highway, Railroad

BOUNDARIES

- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State, Military

Power transmission line

- Buildings
- 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
- Levers, cross, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees: Scrub
- Viewshed: Orchard, plantation
- Intermittent lake, Dam, Canals, Massery
- Stream: Perennial, Intermittent
- Marsh, swamp
- Small falls, Large falls
- Small rapids, Large rapids



ELEVATIONS IN METERS

CONTOUR INTERVAL 20 METERS

Spheroid CLARKE 1866
PROJECTION TRANSVERSE MERCATOR
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
PREPARED BY U.S. GEOLOGICAL SURVEY

100 METER REFERENCE

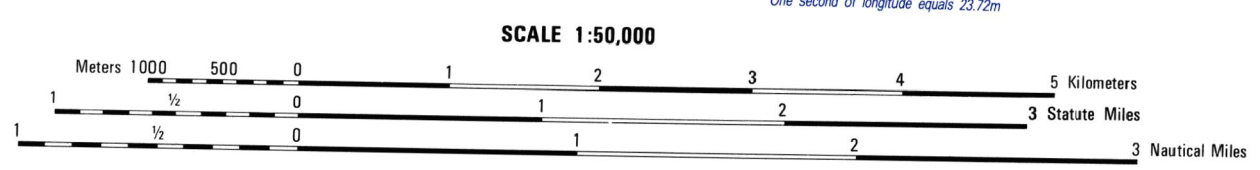
- Read large numbers labeling the vertical grid line left of point and estimate tenths (100 meters) from grid line to point (0.8).
- Read large numbers labeling the horizontal grid line below point and estimate tenths (100 meters) from grid line to point (0.8).

Example: UY123456
 Example: 181U123456

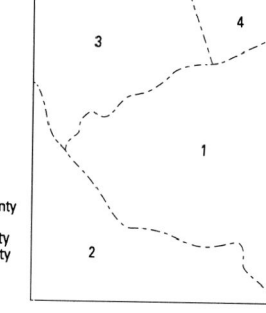
GRID CONVERSION

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
 SUBTRACT G.M. ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
 ADD G.M. ANGLE



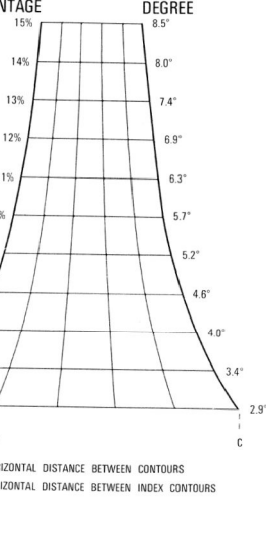
BOUNDARIES



ADJOINING SHEETS

5664 IV	5664 I	5784 IV
5664 III	5664 II	5784 III
5663 IV	5663 I	5783 IV

SLOPE GUIDE



ELEVATION GUIDE

