

Prepared and published by the National Imagery and Mapping Agency
MAP INFORMATION AS OF 1984.

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
- BRIDGE
 - Railroads (Standard gauge 1.44m - 4'8 1/2")
 - Single track
 - Multiple track
 - Nonoperating
 - Railroad station: Location known; Location unknown
 - Cable 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
- 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 elevation in meters
- Lance, mine, ditch
- Bluffs, cliffs
- Woodland
- Succulent trees: Sand
- Viewshed, Orchard, plantation
- Intermittent lake: Dam; Earthen; Masonry
- Stream: Perennial; Intermittent
- Marsh, swamp
- Small falls; Large falls
- Small rapids; Large rapids

NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD27 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CORNER TICS.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.4 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.

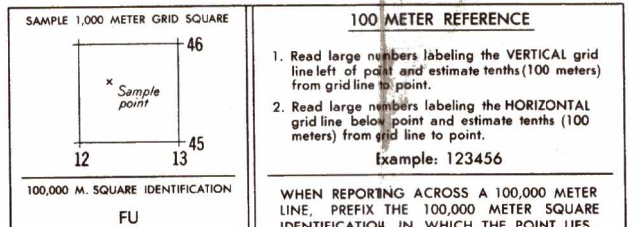
ELEVATIONS IN METERS

CONTOUR INTERVAL 5 METERS

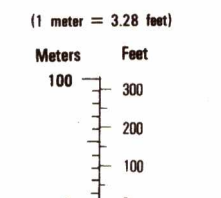
ELIPSOID: GEODETIC REFERENCE SYSTEM 1980
GRID: 1000 METER UTM, ZONE 18
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: SEA LEVEL DATUM OF 1929
HORIZONTAL DATUM: WGS84/NAD83
PRINTED BY: NIMA 06-80

COORDINATE CONVERSION: NAD 83/WGS 84 TO NAD 27:
Grid Spheroid: Int. Spheroid: 7000 m;
Geographic: Add 02° Long., Subtract 03° Lat.

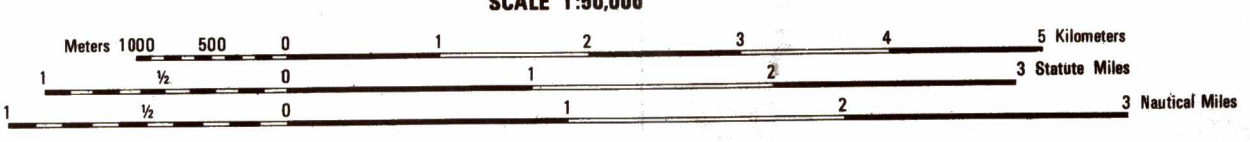
NIMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM (MGRS) UNTIL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED. THE NEW 100,000 METER SQUARE IDENTIFIERS ARE DEPICTED IN BLACK AND THE OLD IN BLUE.



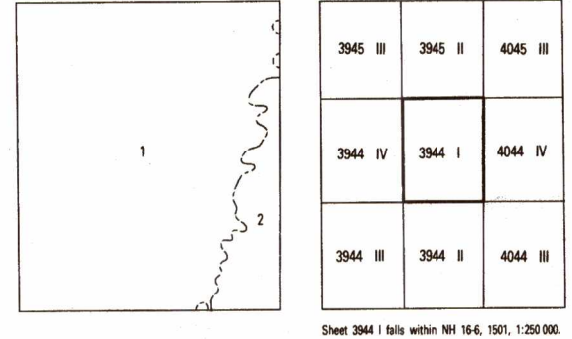
CONVERSION GRAPH



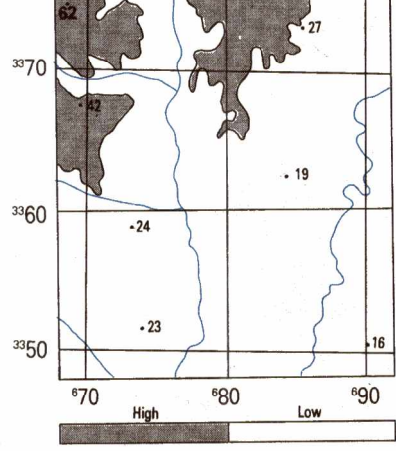
USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-45-0000; COMMERCIAL 314-266-5022; DSN 690-5022; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: CDD, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.



BOUNDARIES ADJOINING SHEETS



ELEVATION GUIDE



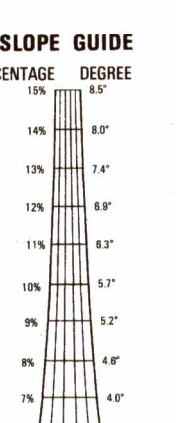
WGS84/NAD83

GRID CONVERGENCE (G-T ANGLE) (METERS PER 1000 METERS) FOR CENTER OF SHEET

2000 G-T ANGLE 31.0° (80 MILES)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH: SUBTRACT G-T ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH: ADD G-T ANGLE



THIS MAP IS RED-LIGHT READABLE