

Prepared and published by the National Imagery and Mapping Agency  
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**LEGEND**  
 MAP INFORMATION AS OF 1996

- ROADS**
- Divided highway with median strip
  - Primary all weather, hard surface, two or more lanes wide
  - Secondary all weather, hard surface, two or more lanes wide
  - 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, non-operating
  - Railroad station: Position known; Position unknown
  - Car line
- BOUNDARIES**
- National
  - State, territory
  - County, parish, municipio
  - Civil township, precinct, town, barrio
  - Incorporated city, village, town, hamlet
  - Reservation: National, state, military
  - Power transmission line
- IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED**
- Church, School, Buildings or structures
  - Mine: Horizontal shaft; Vertical shaft
  - Windmill, wind pump, Watermill
  - Open pit mine or quarry: Active; Inactive
  - Horizontal control station
  - Beacon mark: Abandoned; Non-monumented
  - Spot elevations in meters: Checked; Unchecked
  - Woodland; Scrub
  - Vineyard; Scattered trees
  - Intermittent lake and stream
  - Marsh or swamp; Dam
  - Large rapids; Large falls
  - Rapids; Falls; Pie
  - Wrecks: Exposed; Sunken
  - Rocks: Sunken; Aweak
  - Soundings in meters
  - Depth curves in meters
  - Foreshore flat
  - Line of danger; Reef; Light; Lighthouse
  - Man made shoreline

**NOTES**

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS (8 FEET) WIDE.

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

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.

COORDINATE CONVERSION NAD 83 / WGS 84 TO NAD 27  
 GRID: ADD 0m E, SUBTRACT 210m N.  
 GEOGRAPHIC: ADD 0.17 LONG, SUBTRACT 0.17 LAT.

**CONVERSION GRAPH**

Meters: 0, 100, 200, 300, 400  
 Feet: 0, 100, 200, 300, 400

**ELEVATIONS IN METERS**

**CONTOUR INTERVALS 5 METERS**

**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 6.9

Example: 12368

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

Example: WGS 84 EUT2968

Example: Clark 1983 EUT2968

Example: WGS 84 1983E12368

Example: Clark 1983 1983E12368

**SAMPLE 100 METER GRID SQUARE**

100M SQUARE IDENTIFICATION  
 WGS 84 EJ  
 Clark 1983 EJ

GRID ZONE IDENTIFICATION  
 18R

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION OF THE AREA.

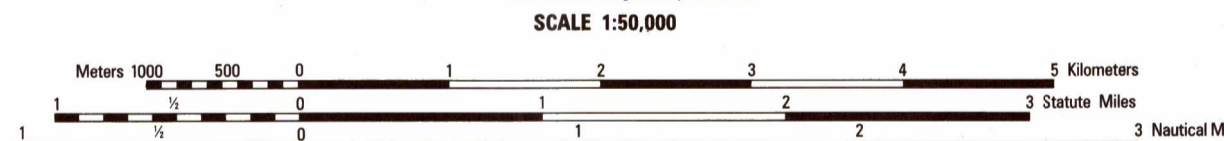
Example: WGS 84 18R12368

Example: Clark 1983 18R12368

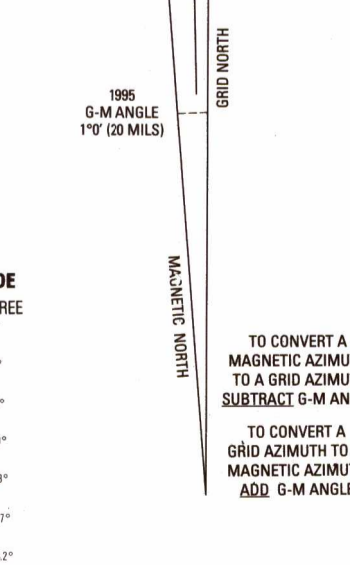
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NIMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM. UNTIL ALL ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED, THE NEW GRID VALUES SHALL BE SHOWN IN BLACK AND THE OLD IN BLUE.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-6899; COMMERCIAL: 314-263-4864; OSN: 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: 15, WAL STOP-1, 68, 4650 JUNGLEMOORE ROAD, BETHESDA, MD 20815-5003.



**BOUNDARIES**



**ELEVATION GUIDE**

