



Prepared and published by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1985

**LEGEND**

**ROAD DATA 1985**

Hard surface, heavy duty road, four or more lanes wide	Improved light duty road, street
Hard surface, heavy duty road, two lanes wide, three lanes wide	Unimproved dirt road
Hard surface, medium duty road, four or more lanes wide	Trail
Hard surface, medium duty road, two lanes wide, three lanes wide	Route markers: Interstate, Federal, State, Mines: Open pit, Horizontal shaft, Vertical shaft, Prospect
Buildings	Bench mark, monumented
Barns, sheds, greenhouses, stadiums, etc.	Bench mark, non-monumented
RAILROADS	Spot elevations in feet: Checked, Unchecked
Standard gauge	Light, lighthouse, Windmill, windpump
Narrow gauge	Woods or brushwood
In street	Orchard, scrub
Canals	Intermittent lake
BOUNDARIES	Intermittent stream, Dam
National	Marsh or swamp
State (with monument)	Rapids, Falls
County	Larger rapids, Large falls
County subdivision	Public land line, unreliable
Corporate limits	
Military reservation	
Other reservation	
Public land line, reliable	

**NOTES**

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD83 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.

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED

Scale 1:50,000

1 1/2 0 1 2 3 Statute Miles

1000 500 0 1000 2000 3000 4000 Meters

1 1/2 0 1 2 3 Nautical Miles

**CONTOUR INTERVAL 40 FEET WITH SUPPLEMENTARY CONTOURS AT 20 FOOT INTERVALS**

ELLIPSOID: GEODETIC REFERENCE & SYSTEM 1980  
 GRID: 1000 METER UTM ZONE 12 (BLACK NUMBERED LINES)  
 1000 METER UTM ZONE 11 (RED: BROWN NUMBERED TICKS)

PROJECTION: TRANSVERSE MERCATOR  
 VERTICAL DATUM: SEA LEVEL DATUM OF 1929  
 HORIZONTAL DATUM: WGS84/NAD83  
 CONTROL BY: USGS, USCGS, AND USACE  
 PRINTED BY: NIMA, 04-81

COORDINATE CONVERSION TABLES 94 TO 104 D7:  
 Grid: Add 66m E, Subtract 200m N.  
 Geographic: Subtract 2.7 Long, Subtract 0.5 Lat.  
 NGA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM UNTIL ALL THE ADJACENT AND OVERLAPPING SHEETS ARE CONVERTED. THE NEW 100,000 M. SQUARE IDENTIFIERS SHALL BE SHOWN IN BLACK AND THE OLD IN BLUE.

**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).

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

Example: 123456

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

Example: 123456E

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

Example: 123456E

**BOUNDARIES**

**ELEVATION GUIDE**

**ADJOINING SHEETS**

YUMA COUNTY

Highest  
High  
Medium  
Low

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0099; COMMERCIAL 314-263-8864; DSN 893-8864; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTelligence AGENCY, ATTN: ES, MAIL STOP L-86, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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

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