



Prepared and published by the National Imagery and Mapping Agency

**LEGEND**  
MAP INFORMATION AS OF 1963  
ROAD DATA 1963

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, Mexico, Open pit, Horizontal shaft
Buildings	Bench mark, monument
Baris, sheds, greenhouses, stadiums, etc.	Bench mark, non monument
RAILROADS	Spot elevation in feet
Standard gauge	Checked, Unchecked
Narrow gauge	Light, lighthouse, Windmill, windpump
In street	Woods or brushwood
Carline	Orchard, Scrub
BOUNDARIES	Intermittent lake
National	Intermittent stream, Dam
State (with monument)	Marsh or swamp
County	Rapids, Falls
County subdivisions	Large rapids, Large falls
Corporate limits	
Military reservation	
Other reservation	

**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 TICKS.

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

1000 500 0 1000 2000 3000 4000 Meters

1000 500 0 1000 2000 3000 4000 Yards

1 1/2 1 2 Nautical Miles

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

ELIPSOID: GEODETIC REFERENCE SYSTEM 1980  
GRID: TRANSVERSE MERCATOR  
VERTICAL DATUM: SEA LEVEL DATUM OF 1929  
HORIZONTAL DATUM: WGS84/NAD83  
CONTROL BY: USGS AND USCGS  
PRINTED BY: NIMA 09-90  
COORDINATE CONVERSION NAD 83/WGS 84 TO NAD 27:  
SHE: Add 8m E, Subtract 20m N.  
Geographic: Subtract 12.15 Long, Subtract 0.7 Lat.

NSA 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 gridline to point.  
Example: 123456

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 ACCESS TO A 100,000 METER IDENTIFIER, PREFIX THE 100,000 METER SQUARE IDENTIFIER WITH THE POINT LINES.  
Example: U123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.  
Example: 12SUA123456

Scale 1:50,000

1000 500 0 1000 2000 3000 4000 Meters

1000 500 0 1000 2000 3000 4000 Yards

1 1/2 1 2 Nautical Miles

**BOUNDARIES**

PIMA COUNTY

**ELEVATION GUIDE**

Highest  
High  
Medium  
Low

**ADJOINING SHEETS**

3448 III  
3448 II  
3448 I  
3447 IV  
3447 III  
3447 II  
3447 I

Prepared by NGA 11-05

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSG OPERATIONAL HELP DESK: 1-800-45-4888, COMMERCIAL: 314-203-4884, DSN 693-4884 OR WRITE TO: DIRECTOR, NATIONAL GEOGRAPHIC INTELLIGENCE AGENCY, ATTN: 15 MAIL STOP-L8, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-5002.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 20192