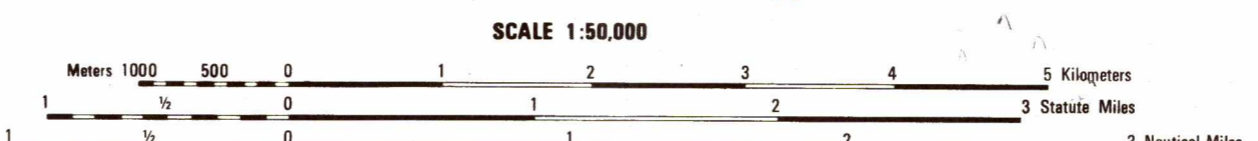


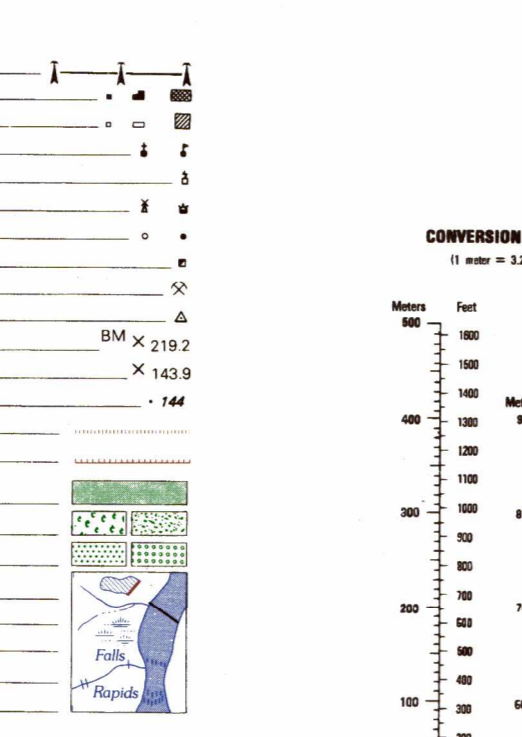
Prepared and published by the National Imagery and Mapping Agency
 MAP INFORMATION AS OF 1980

NOTES
 THE ONLY CHANGE TO THIS EDITION IS THE REDESIGNING 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 GEODIC 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 LINE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE. IN DEVELOPED AREAS ONLY THROUGH BRACKS ARE CLASSIFIED. THERE MAY BE PRIVATE BUILDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.



LEGEND

	Power transmission line
	Buildings
	Structures
	Church, school
	Power substation
	Well, Windmill
	Well, Tank
	Open shaft
	Open pit mine or quarry
	Horizontal control station
	Bench mark, monument
	Bench mark, non-monumented
	Spot elevations in meters
	Leaves, cross, dikes
	Shrubs, cilia
	Woodland
	Scattered trees, Scrub
	Viewshed: Orchard, plantation
	Stream: Perennial, intermittent
	Marsh, swamp
	Small falls, Large falls
	Small rapids, Large rapids



ELEVATIONS IN METERS
CONTOUR INTERVAL 20 METERS
 SUPPLEMENTARY CONTOUR INTERVALS

ELLIPSOID: GEODETIC REFERENCE SYSTEM 1980
 GRID: 1,000 METER UTM, ZONE 12 (BLACK NUMBERED LINES AND TICKS)
 1,000 METER UTM, ZONE 11 (RED-BROWN NUMBERED TICKS)
 100,000 METER SQUARE IDENTIFIERS ARE SHOWN IN BLACK AND THE OLD IN BLUE

PROJECTION: TRANSVERSE MERCATOR
 HORIZONTAL DATUM: WGS84/NAD83
 CONTROL BY: U.S. GEOLOGICAL SURVEY
 PRINTED BY: U.S. GEOLOGICAL SURVEY
 COORDINATE CONVERSION: NAD 83 TO NAD 27
 Grid: Add 6m E, Subtract 20m N
 Geographic: Subtract 2.7" Long, Subtract 0.3" Lat.

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

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

Reprinted by NIMA 07-01

THIS MAP IS RED-LIGHT AND BLUE/GREEN-LIGHT READABLE

WGS84/NAD83

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK:
 1-800-455-6888 COMMERCIAL 314-251-4888 USN 650-4888 OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

BOUNDARIES
 Yuma County

ADJOINING SHEETS

3148 I	3248 IV	3248 I
3148 II	3248 V	3248 II
3148 III	3248 VI	3248 III

Sheet 3249 III falls within 18 12-10, 1501, 1-250,000

The boundary for Barry M. Goldwater Range should not be considered authoritative.

ELEVATION GUIDE

SLOPE GUIDE

PERCENTAGE	DEGREE
1%	5.7°
2%	11.4°
3%	17.1°
4%	22.8°
5%	28.5°
6%	34.2°
7%	39.9°
8%	45.6°
9%	51.3°
10%	57.0°
11%	62.7°
12%	68.4°
13%	74.1°
14%	79.8°
15%	85.5°
16%	91.2°
17%	96.9°
18%	102.6°
19%	108.3°
20%	114.0°
21%	119.7°
22%	125.4°
23%	131.1°
24%	136.8°
25%	142.5°
26%	148.2°
27%	153.9°
28%	159.6°
29%	165.3°
30%	171.0°
31%	176.7°
32%	182.4°
33%	188.1°
34%	193.8°
35%	199.5°
36%	205.2°
37%	210.9°
38%	216.6°
39%	222.3°
40%	228.0°
41%	233.7°
42%	239.4°
43%	245.1°
44%	250.8°
45%	256.5°
46%	262.2°
47%	267.9°
48%	273.6°
49%	279.3°
50%	285.0°

USGS 32113-E7-TM-050

NSN 7843014053070
 NIMA Ref No. V798X32493