U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

WEST OF AVRA QUADRANGLE
ARIZONA-PIMA CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

111°22′30″ 32°22′30″ 111°15′ 32°15′

Tucson Compressor Station
BM 2077
BM 2055
BM 2074
BM 2079
BM 2092
BM 2113
BM 2137
BK Tank
Tank
Garcia 2148
Landing Strips
Landing Strips
Landing Strips
Wells
Well
WT
Wash
Blanco Wash
Brawley Wash
China Draw
DITCH
ROAD
AMWAY
PIPELINE
LANDING STRIP
LEVEE
4 WD
IRONWOOD FOREST NATIONAL MONUMENT
AVRA VALLEY
MANVILLE ROAD
R 9 E
R 10 E
R 11 E
T 12 S
T 13 S
275 000 METERS
265 000 METERS
140 000 METERS
150 000 METERS

Produced by the United States Geological Survey

Topography compiled 1958. Planimetry derived from imagery taken 1996 and other sources. Public Land Survey System and survey control current as of 1985. Boundaries current as of 2000

North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 12
2 500-meter ticks: Arizona Coordinate System of 1983 (central zone)

North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Houses of worship, schools, and other labeled buildings verified 1985

MN GN 0°10′ 3 MILS 11½° 204 MILS
UTM GRID AND 2002 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARIZONA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Silver Bell East
2 West of Marana
3 Marana
4 Waterman Peak
5 Avra
6 La Tortuga Butte
7 Cocoraque Butte
8 Brown Mountain
ADJOINING 7.5' QUADRANGLE NAMES

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 2002

ROAD CLASSIFICATION

Primary highway hard surface
Secondary highway hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

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USGS NMD
HISTORICAL MAP ARCHIVES

WEST OF AVRA, AZ
1996
NIMA 3748 IV SE-SERIES V898

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