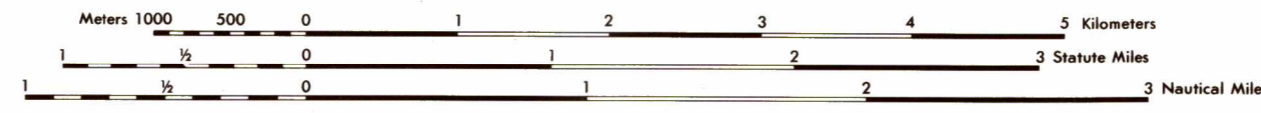


Prepared by the Army Map Service (GE), Corps of Engineers, U. S. Army, Washington, D. C. Copied in 1960 from Arizona, 1:62,500, USGS, Sahuarita, 1958. Original map compiled by U. S. Geological Survey. Topography by photogrammetric methods from aerial photographs 1955-1956. Horizontal and vertical control by USGS and USACGS. This map complies with the national standard map accuracy requirements. Map field checked, 1958. Scale changed, Universal Transverse Mercator Grid added, and marginal data revised, 1960.



ELEVATIONS IN METERS
 CONTOUR INTERVAL 20 METERS
 VERTICAL DATUM: SEA LEVEL DATUM OF 1929
 TRANSVERSE MERCATOR PROJECTION
 HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
 BLACK NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12
 GRID DIMENSIONS FROM TRUE NORTH AT CENTER OF SHEET FOR UTM GRID, ZONE 12: 19° 0' 0" (OR 1° 11' 11") TO THE EAST
 THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
 USGS SHOULD BEER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-456-9896, COMMERCIAL: 303-469-6464; OR WRITE TO: DIRECTOR, NATIONAL MAPPING AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-88, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-5003

GRID ZONE IDENTIFICATION

GRID ZONE IDENTIFICATION: 12R	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
100,000 M. SQUARE IDENTIFICATION	SAMPLE POINT: WATER TANK
500	1
	2
	3
	4
	5
	6
	7
	8
	9
	0

IGNORE THE SMALLER FIGURES OF any grid number; those are for fitting the full coordinates. Use ONLY the LARGER figures of the grid number; example: 3513000

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
 ADD G-M ANGLE
TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
 SUBTRACT G-M ANGLE

PREDICTED G-M ANGLE

YEAR	DEGREES	MINUTES	SECONDS
1959	12° 44'	22.0	
1960	12° 44'	22.0	
1961	12° 44'	22.0	
1962	12° 45'	17.7	
1963	12° 45'	13.3	
1964	12° 45'	9.0	
1965	12° 46'	4.7	
1966	12° 46'	0.4	
1967	12° 46'	3.8	
1968	12° 47'	2.1	

LEGEND

ROAD DATA 1958

In developed areas, only through roads are classified

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	Road markers: Federal; State
Barns, sheds, greenhouses, stadiums, etc.	Mines: Open pit; Horizontal shaft; Vertical shaft; Prospect
Buildings	Bench mark, monumented
RAILROADS	Bench mark, non-monumented
Standard gauge	Spot elevation in meters: Checked
Narrow gauge	Light, lighthouse; Windmill; windpump
In street	Woods or brushwood
Carline	Vineyard; Scrub
BOUNDARIES	Intermittent lake
National	Intermittent stream; Dam
State (with monument)	Marsh or swamp
County	Rapids; Falls
County subdivision	Large rapids; Large falls
Corporate limits	
Military reservation	
Other reservation	

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FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 OR RESTON, VIRGINIA 22092
 METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1979
 THIS MAP IS RED-LIGHT READABLE

SAHUARITA, ARIZONA
 PIMA COUNTY

NSN 764301404786 ED. NO. 003
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