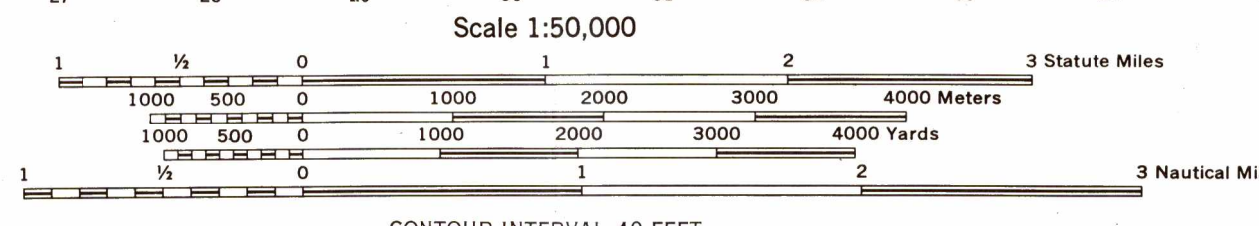


V798  
Edition 2-AMS  
Prepared by the Army Map Service (GE), Corps of Engineers, U. S. Army, Washington, D. C. Copied in 1959 from Arizona, 1:62,500, USGS, Squaretop Hills, 1958. Original map compiled by U. S. Geological Survey. Topography by photogrammetric methods from aerial photographs taken 1956. Horizontal and vertical control by USGS and USC&GS. 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, 1959.

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

**LEGEND**  
ROAD DATA 1958

Hard surface, heavy duty road, four or more lanes wide	4 LANE H LANE	Improved light duty road, street	1 LANE H LANE
Hard surface, heavy duty road, two lanes wide	2 LANE H LANE	Unimproved dirt road	1 LANE D LANE
Hard surface, medium duty road, four or more lanes wide	4 LANE M LANE	Trail	TRAIL
Hard surface, medium duty road, two lanes wide	2 LANE M LANE	Route markers: Federal, State, Mine; Open pit	ROUTE MARKERS
Gravel	GRAVEL	Horizontal shaft; Vertical shaft; Prospect	SHAFTS
Gravel pit	GRAVEL PIT	Bench mark, monumented	BENCH MARK
Gravel pit	GRAVEL PIT	Bench mark, non-monumented	BENCH MARK
Gravel pit	GRAVEL PIT	Spot elevation in feet: Checked, Unchecked	SPOT ELEVATION
Gravel pit	GRAVEL PIT	Light, lighthouse; Windmill, windpump	LIGHTS
Gravel pit	GRAVEL PIT	Woods or brushwood	WOODS
Gravel pit	GRAVEL PIT	Scrub, Orchard	SCRUB
Gravel pit	GRAVEL PIT	Intermittent lake	LAKE
Gravel pit	GRAVEL PIT	Intermittent stream; Dam	STREAM
Gravel pit	GRAVEL PIT	Marsh or swamp	MARSH
Gravel pit	GRAVEL PIT	Rapids; Falls	RAPIDS
Gravel pit	GRAVEL PIT	Large rapids; Large falls	LARGE RAPIDS



CONTOUR INTERVAL 40 FEET  
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 DECLINATION FROM TRUE NORTH AT CENTER OF SHEET FOR UTM GRID, ZONE 12, IS 0°44' (OR 13 MILS) TO THE EAST

THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE MMA OPERATIONAL HELP DESK: 1-800-455-0888; COMMERCIAL: 314-263-4884; DON: 803-488-4848; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: US MAP STAFF, 4848 COMMERCE ROAD, BETHELSVILLE, MO 63024-9003

GRID ZONE DESIGNATION	12R	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
100,000 M. SQUARE IDENTIFICATION	XL	
SAMPLE POINT: ASH CREEK SCHOOL		
1. Read letters identifying 100,000 meter square in which the point lies	XL	
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself	29	
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself	27	
Estimate tenths from grid line to point:		
Estimate tenths from grid line to point:		
SAMPLE REFERENCE	2927074	
If reporting beyond 10' in any direction, prefix Grid Zone Designation, as:	12RXL2927074	

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

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

MEAN DEGREES-MINUTES	G-M ANGLE
1989 12°15'	217
1990 12°17'	216
1991 12°20'	215
1992 12°24'	213
1993 12°29'	211
1994 12°36'	208
1995 12°44'	204
1996 12°53'	200
1997 12°63'	195
1998 12°74'	189

1"=60' 17.77 MILS

Reprinted by NIMA 3-01

INDEX TO ADJOINING SHEETS

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4047 IV	4047 I	4147 IV
4047 III	4047 II	4147 III

Sheet 4047 I falls within NH 12-3, 9502, 1:250,000

SQUARETOP HILLS  
ARIZONA  
COCHISE COUNTY

NSN 7643014044804  
NIMA REF. NO. V798X40471