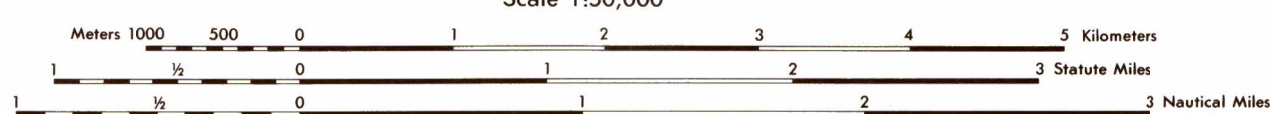


V798
Edition 2-AMS

Prepared by the Army Map Service (G.E.), Corps of Engineers, U. S. Army, Washington, D. C. Copied in 1959 from Arizona, 1:62,500, USGS, Mount Lemmon, 1957. Original map compiled by U. S. Geological Survey. Topography by photogrammetric methods from aerial photographs taken 1953-1954, and by plane-table surveys 1957. Horizontal and vertical control by USGS, USC&GS, and USCE. This map complies with the national standard map accuracy requirements. Scale changed, Universal Transverse Mercator Grid added, and marginal data revised, 1959.



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LEGEND

Tint indicates built-up areas in which landmark buildings are shown

ROAD DATA 1957

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

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOURS 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 DECLINATION FROM TRUE NORTH AT CENTER OF SHEET FOR UTM GRID, ZONE 12, IS 0°04' (OR 1 MILE) TO THE EAST

THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

GRID ZONE DESIGNATION	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
12S	SAMPLE POINT: WATER TANK
100,000 M. SQUARE IDENTIFICATION	1. Read letters identifying 100,000 meter square in which the point lies.
WL	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.
500	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.
	4. Estimate tenths from grid line to point.
	5. Estimate hundredths from grid line to point.
	SAMPLE REFERENCE: MOUNTAIN VIEW
	If reporting beyond 10' in any direction, prefix Grid Zone Designation as: 12SMB107753

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

YEAR	DEGREES	MINUTES	MILS
1959	13°08'	233	
1960	13°09'	233	
1961	13°09'	232	
1962	13°09'	231	
1963	13°08'	230	
1964	13°07'	229	
1965	13°06'	228	
1966	13°05'	227	
1967	13°04'	226	
1968	13°04'	225	

INDEX TO ADJOINING SHEETS

3849 II	3849 III	3849 I
3848 I	3848 IV	3848 I
3848 II	3848 III	3848 II

Sheet 3848 IV falls within N12-11, 1950, 1:50,000

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK: 1-800-495-8888, COMMERCIAL 314-263-4884, DSN 693-4884, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: IS MAIL STOP 48, 800 SANGAMORE ROAD, BETHESDA, MD 20815-5002.

METRIC CONVERSION OF CONTOURS AND ELEVATIONS 1979

THIS MAP IS RED-LIGHT READABLE

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

MOUNT LEMMON, ARIZONA
PIMA COUNTY

NSN 7643014044791
NGA Ref No. V798X38484

ED NO.002