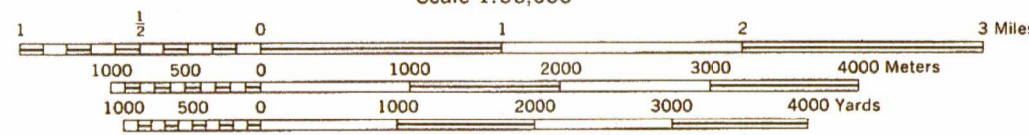


V798  
Edition 1-AMS

Prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Copied in 1954 from Arizona, 1:62,500, USGS, Palo Alto Ranch, edition 1943: Original map compiled by U. S. Geological Survey. Topography compiled by planetable methods, 1940. Horizontal and vertical control by USGS lines are based on the Gila and Salt River Meridian. Public land line date deleted by AMS, 1963



1-64 PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS  
Reprinted by NSA 11-04

CONTOUR INTERVAL 25 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  
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK:  
1-800-855-8888 COMMERCIAL 314-353-8888 FOR WRITE TO DIRECTOR, NATIONAL GEOGRAPHIC INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP 1-88, 4600 SANAMORE ROAD, BETHESDA, MD 20818-5003

GRID ZONE DESIGNATION: 12R  
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS  
300,000 M. SQUARE IDENTIFICATION  
VL  
1. Locate the vertical grid line to the left of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself.  
2. Locate the horizontal grid line below point and read LARGE figures labeling the line either in the left or right margin, or on the line itself.  
3. Combine north-south from grid line to point.  
4. Example: 12R 300000 310000  
5. Example: 12R 300000 310000



APPROXIMATE MEAN DECLINATION 1960 FOR CENTER OF SHEET  
ANNUAL MAGNETIC CHANGE: WESTERLY  
Use diagram only to obtain numerical values.  
To determine magnetic north line, connect the point "M" on the north edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale of the north edge of the map.

LEGEND  
ROAD DATA 1943

Hard surface, heavy duty road, four or more lanes wide	4 LANE LINES	Improved light duty road, street	—
Hard surface, heavy duty road, two lanes wide; Three lanes wide	2 LANE LINES	Unimproved dirt road	—
Hard surface, medium duty road, four or more lanes wide	4 LANE LINES	Trail	—
Hard surface, medium duty road, two lanes wide; Three lanes wide	2 LANE LINES	Route markers: Federal; State	—
Schools	—	Mine: Vertical shaft; Horizontal shaft; Prospect	—
Church	—	Bench mark, monumented	—
Standard gauge railroad	—	Bench mark, non-monumented	—
Narrow gauge railroad	—	Spot elevation in feet: Checked; unchecked	—
Railroad in street	—	Woods or brushwood	—
Carline	—	Vineyard; Orchard	—
National boundary	—	Intermittent lake	—
State boundary (with monument)	—	Swamp, marsh	—
County boundary	—	Rapids; Falls	—
County subdivision boundary	—	Large rapids; Large falls	—
Corporate limits	—		
Reservation boundary	—		

INDEX TO ADJOINING SHEETS

3747 III	3747 II	3747 I
3747 IV	3747 V	3747 VI
3747 VII	3747 VIII	3747 IX

NSN 784301404478  
NSA Ref No: V798X37474

PALO ALTO RANCH, ARIZONA  
PIMA COUNTY