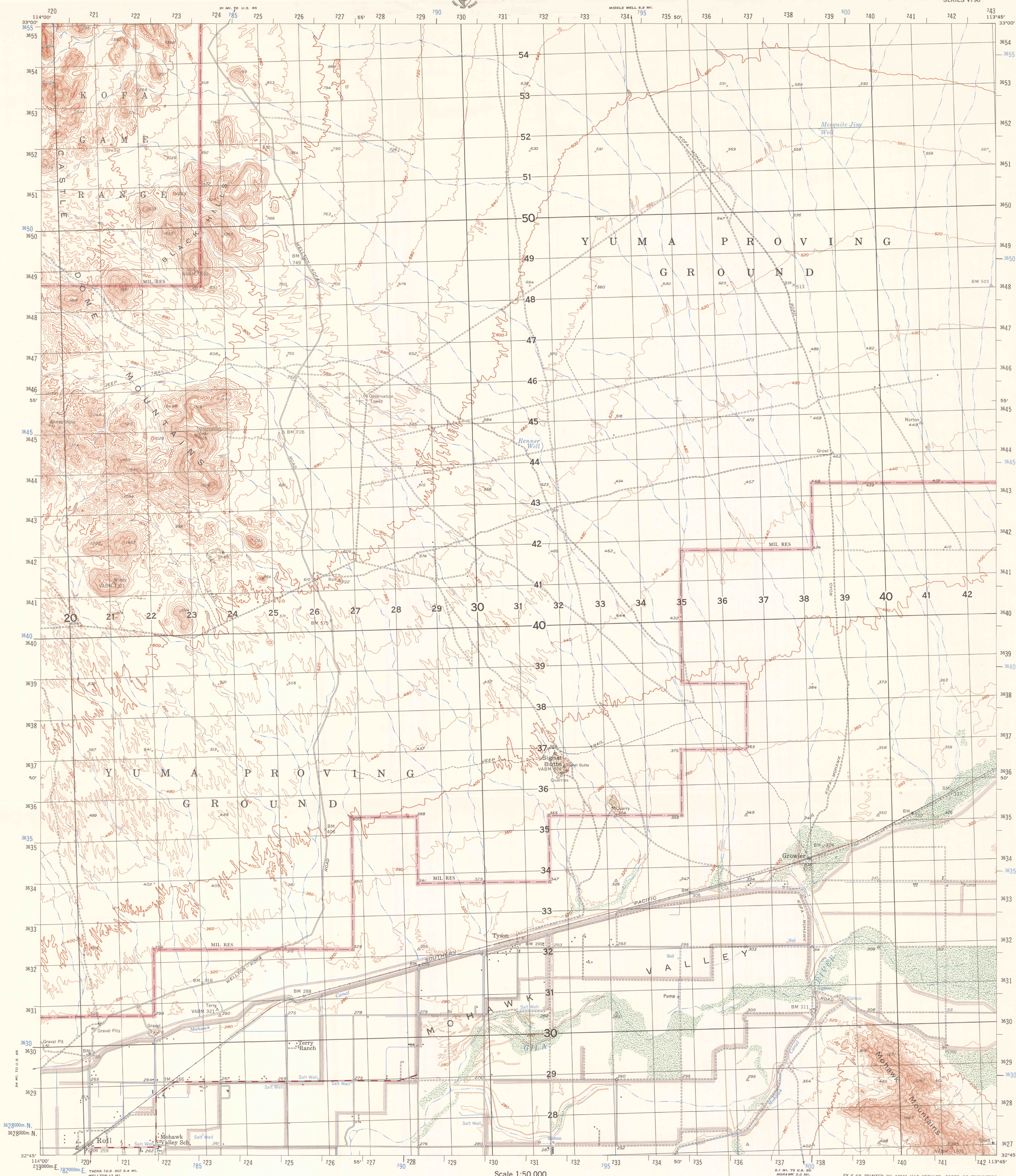
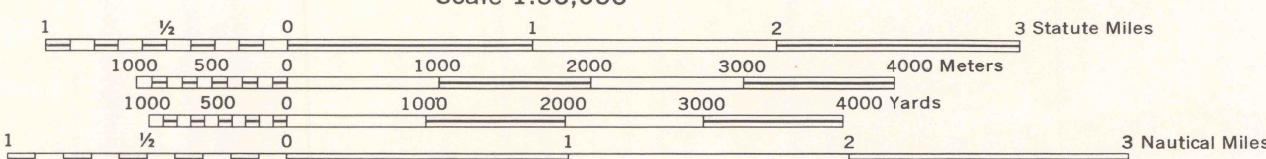
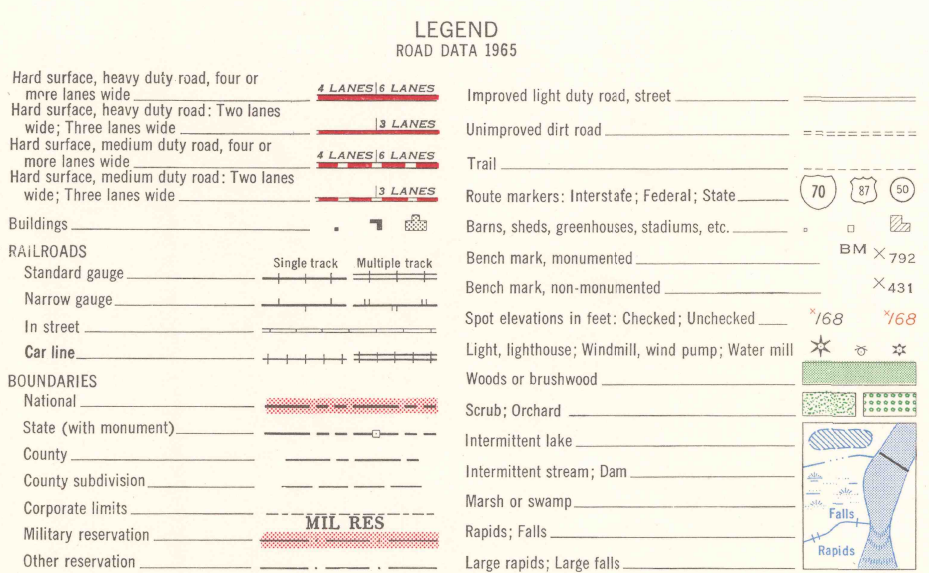




Prepared by the Army Map Service (SX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1968 from Arizona, 1:50,000, AMS, 3249 IV, field checked, 1955. (reliability good). Planimetric detail revised by photo-planimetric methods from aerial photography dated, 1964. Horizontal and vertical control by USGS, USC&S and USBR. This map complies with the national standard map accuracy requirements. Map not field checked.



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, CLARKE 1866 SPHEROID
BLUE NUMBERED TICKS OUTSIDE THE NEATLINE INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11, CLARKE 1866 SPHEROID

REFER CORRECTIONS TO THIS MAP TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D.C. 20315.

GRID ZONE DESIGNATION: 12S		TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS	
100,000 M. SQUARE IDENTIFICATION		SAMPLE POINT: RENNER WELL	
TM	1	1. Read letters: Identifying 100,000 meter square in which the point lies.	TM
	2	2. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself.	31
	3	3. Estimate tenths from grid line to point.	4
	4	4. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself.	44
IGNORE the SMALLER figures of any grid number: these are for finding the full coordinate. Use ONLY the LARGER figures of the grid number; example: 3629000		SAMPLE REFERENCE: If reading beyond 79°N or 120°E, prefix Grid Zone Designation, ex: 12STM314443	

ZONE 12
GRID CONVERGENCE
1°42' (120 MILES)
FOR CENTER OF SHEET

1965
G-M ANGLE
15°30' (120 MILES)
TO CONVERT A
MAGNET AZIMUTH
TO A GRID AZIMUTH
ADD G-M ANGLE

ZONE 11
GRID CONVERGENCE
1°42' (120 MILES)
FOR CENTER OF SHEET

1965
G-M ANGLE
14° (120 MILES)
TO CONVERT A
MAGNET AZIMUTH
TO A GRID AZIMUTH
ADD G-M ANGLE

ADJOINING SHEETS

3150 II	3250 III	3250 II
3149 I	3249 IV	3249 I
3149 II	3249 III	3249 II

Sheet 3249 IV falls within N 12 10, V502, 1:250,000

ROLL, ARIZONA
YUMA COUNTY
STOCK NO. V798X32494**02