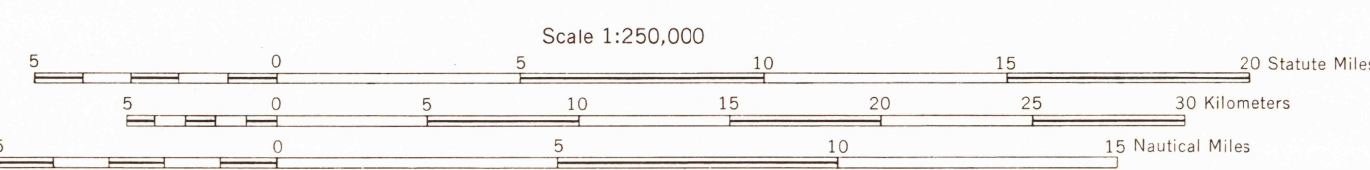


V502, EDITION 3
 Prepared by the U.S. Army Topographic Command (FSGE), Washington, D.C. Compiled in 1955 by photogrammetric methods and from USGS quadrangles, 1:24,000 and 1:62,500, 1932-53. Planimetry revised in part from aerial photographs taken 1953. Photographs field annotated 1953. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1971.
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND
 Figures in red denote approximate distances in miles between stars

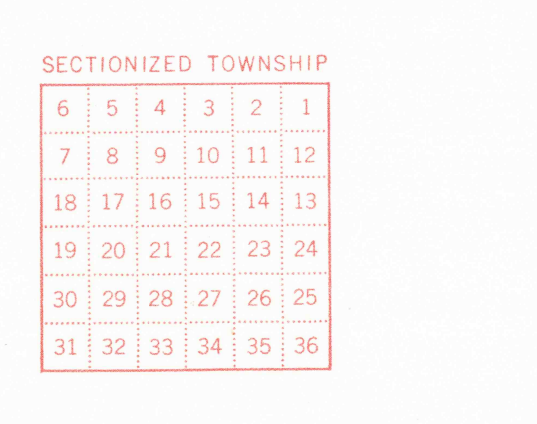
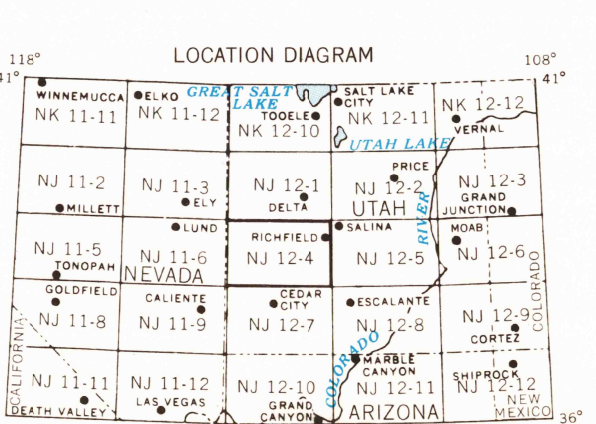
POPULATED PLACES	ROADS
Over 500,000	Primary, all-weather, hard surface
100,000 to 500,000	Secondary, all-weather, hard surface
25,000 to 100,000	Light-duty, all-weather, hard or improved surface
5,000 to 25,000	Fair or dry weather, unimproved surface
1,000 to 5,000	Trail
Less than 1,000	Interchange
RAILROADS	Routes markers: Interstate, U.S., State
Standard gauge	Landmark: School, Church, Other
Narrow gauge	Windmill; Mine
BOUNDARIES	Spot elevation in feet
International	Marsh or swamp
State	Dry lake
County	Intermittent or dry stream
Park or reservation	Woods-brushwood
	Power line



CONTOUR INTERVAL 200 FEET
 WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
 TRANSVERSE MERCATOR PROJECTION

BLACK NUMERICAL LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 16° 00' WEST TO 16° 00' EAST AT THE CENTER OF THE WEST EDGE TO 15° 12' 00" WEST AT THE CENTER OF THE EAST EDGE



GRID ZONE DESIGNATION: 12S
 TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
 SAMPLE POINT: MANDERFIELD

1. Read letters identifying 100,000 meter square in which the point lies.
 2. Locate the VERTICAL grid line to LEFT of the point on the top or bottom margin, or on the face itself.
 Estimate tenths from grid line to point.
 3. Locate the HORIZONTAL grid line BELOW the point on the left or right margin, or on the face itself.
 Estimate tenths from grid line to point.
 4. If contour interval is 100 feet, estimate the elevation of the point from the grid zone designation.
 SAMPLE REFERENCE: 423 07000
 UTM REFERENCE: 12SUTS747

AUG 11 1982

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