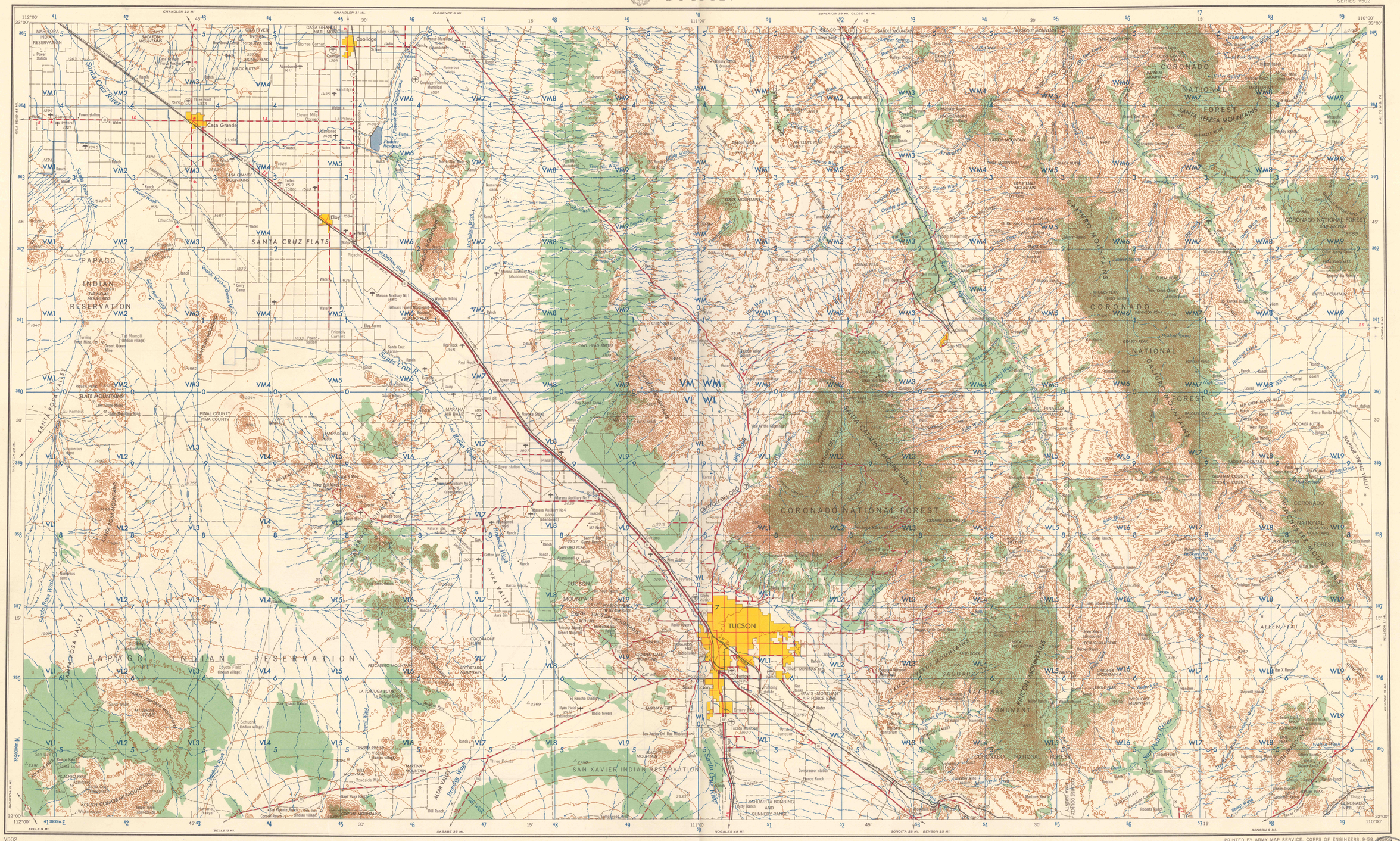
WESTERN UNITED STATES 1:250,000

TUCSON

EDITION 1-AMS

REFER TO THIS MAP AS:
NI 12-11
SERIES V502

SERIES V502
SHEET NI 12-11
EDITION 1-AMS



V502
Edition 1-AMS (First Printing:9-58).
Prepared by the Army Map Service (KCSX), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by photogrammetric methods and from: United States Quadrangles, 1:24,000, 1:25,000, 1:50,000 and 1:62,500, USGS and AMS; 1922-47. Planimetric detail revised by photo-planimetric methods. Control by USGS, USC&GS and CE. Photography field annotated 1956.

LEGEND

ROAD DATA 1956

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — LOS ANGELES
- 100,000 to 500,000 — OMAHA
- 25,000 to 100,000 — GALVESTON
- 5,000 to 25,000 — Laramie
- 1,000 to 5,000 — Grand Coulee
- Less than 1,000 — Sun Valley

RAILROADS
- Standard gauge
- Narrow gauge
- Single track / Double or Multiple

BOUNDARIES
- International
- State
- County
- Park or reservation

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

ROADS
- Hard surface, heavy duty — 2 LANES | 4 LANES
- More than two lanes wide
- Two lanes wide; Federal route marker — 10
- Hard surface, medium duty — 2 LANES | 4 LANES
- More than two lanes wide
- Two lanes wide; State route marker — 10
- Improved light duty
- Unimproved dirt
- Trail

- Landmarks: School; Church; Other
- Horizontal control point; Windmill
- Spot elevation in feet — 2321
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

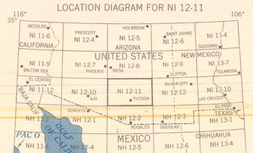
TRANSVERSE MERCATOR PROJECTION

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

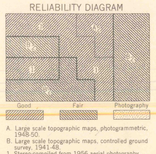
1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 13°45' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°03' WESTERLY.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

LOCATION DIAGRAM FOR NI 12-11



RELIABILITY DIAGRAM



A. Large scale topographic maps, photogrammetric, 1948-50.
B. Large scale topographic maps, controlled ground survey, 1941-48.
1. Stereo-compiled from 1956 aerial photography.
2. Planimetry revised from 1956 aerial photography.

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 9-58.

GRID ZONE DESIGNATION: 12S	TO GIVE A STANDARD REFERENCE FOR THIS SHEET TO NEAREST 100 METERS:
100,000 M. SQUARE IDENTIFICATION: VM WM / VL WL	SAMPLE POINT: BLLR5 1. Read letters identifying 100,000 meter square in which the point lies: 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: Estimate tenths from grid line to point: 3. Locate first HORIZONTAL grid line BELOW the point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: Estimate tenths from grid line to point:
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 354,00000	SAMPLE REFERENCE: BLLR5 6 If reporting beyond 10° in any direction, prefix Grid Zone Designation, as: 12SVJ6686

United States. Topo. 1:250,000.
sheet Tucson,
cop. 1.

U.S. GEOLOGICAL SURVEY WASHINGTON
JAN - 2 1959
LIBRARY

~~TUCSON, ARIZONA~~

DEC 1958

SERIES V502
SHEET NI 12-11
EDITION 1-AMS