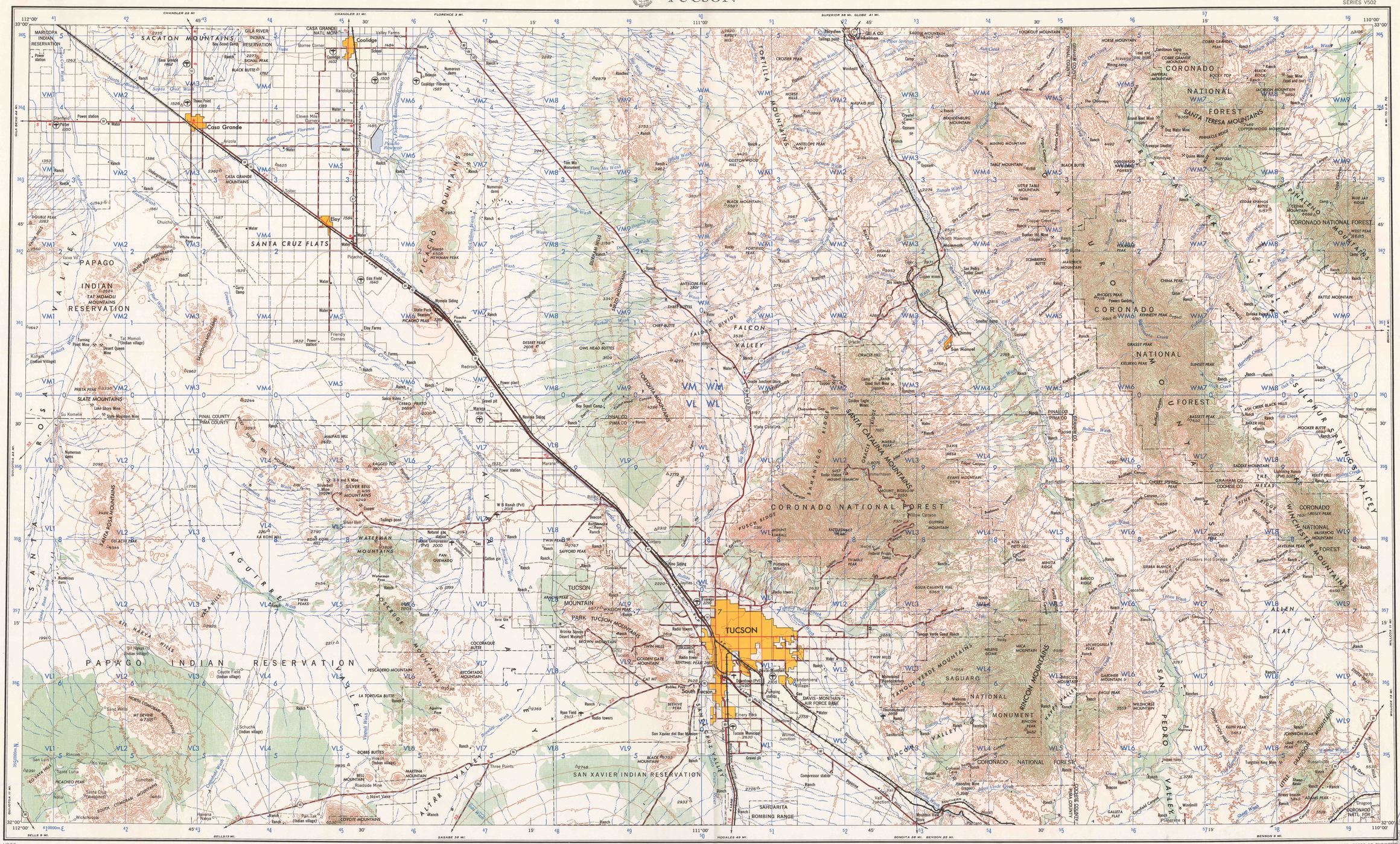
WESTERN UNITED STATES 1:250,000

TUCSON

EDITION 2-AMS

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



V502
Edition 2-AMS, First Printing

Prepared by the Army Map Service (KCSX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1957 by photogrammetric methods and from USGS and AMS quadrangles 1:24,000, 1:25,000, 1:50,000 and 1:62,500, 1922-1947. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS, USC&GS, and CE. Photography field annotated 1956. Limited revision by U.S. Geological Survey 1962.

LEGEND

ROAD DATA 1956 PARTIALLY REVISED 1962
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 — Single track; Double or Multiple
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

ROADS
Hard surface, heavy duty — More than two lanes wide; Two lanes wide; Federal route marker
Hard surface, medium duty — More than two lanes wide; Two lanes wide; State, Interstate route markers
Improved light duty
Unimproved dirt
Trail

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

Landmarks: School; Church; Other
Horizontal control point; Windmill
Spot elevation in feet
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

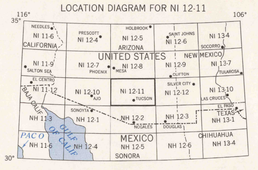
TRANSVERSE MERCATOR PROJECTION

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

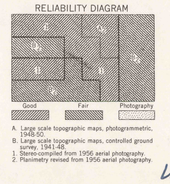
1960 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 14° (250 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13° (230 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE.

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.

SX 8-64 PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS

GRID ZONE DESIGNATION: 12S
100,000 M. SQUARE IDENTIFICATION: VM WM VL WL

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: 350000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: BILLITO

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 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:

SAMPLE REFERENCE:
If reporting beyond 10° in any direction, prefix Grid Zone Designation, as:

12SVL8686

SEP 16 1964
LIBRARY
U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STOCK NO. V502XNI1211

~~TUCSON, ARIZONA~~

United States. Topo. 1:250,000.
Sheet Tucson, 1964.
cop. 1.