



V502 Edition 1-AMS (First Printing, 3-57) Prepared by the Army Map Service (FSGE), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States Quadrangles, Arizona, 1:48,000, U.S. Geological Survey, Grand Canyon National Park, 1923-1936; Jacob Lake, 1936. Planimetric detail revised by photo-planimetric methods. Control by USGS and USC&GS. Photography field annotated, 1953.

LEGEND ROAD DATA 1953 Figures in red denote approximate distances in miles between stars

POPULATED PLACES

LOS ANGELES  
OMAHA  
GALVESTON  
Laramie  
Grand Coulee

ROADS: Heavy duty, hard surface; Federal route marker; Medium duty, hard surface; State route marker; Improved light duty; Unimproved dirt; Trail

RAILROADS: Single track; Double or multiple

LANDPLANE AIRPORT: Landing area; Seaplane airport; Seaplane anchorage; Woods-brushwood

MARKERS: School; Church; Other; Horizontal control point; Spot elevation in feet; Marsh or swamp; Intermittent or dry stream; Power line

Scale 1:250,000

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Statute Miles

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

BLACK 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 10°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°45' 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 NJ 12-10

United States. Topo. 1:250,000 sheet Grand Canyon cop. 1.

RELIABILITY DIAGRAM

GRID ZONE DESIGNATION: 12S

100,000 M. SQUARE IDENTIFICATION

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

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate that 100,000 meter square on the grid to the left of the point and read LARGE figure labeling the line either in the top or bottom margin, or on the left margin.

3. Estimate tenths from grid line to point; read LARGE figure labeling the line either in the top or bottom margin, or on the left margin.

4. Estimate tenths from grid line to point; read LARGE figure of the grid number.

5. Example: 3900000

1. Large scale topographic maps, controlled ground survey, 1923-1936.

2. Stereocompiled from 1953 aerial photography.

3. Planimetry revised from 1953 aerial photography.

