



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 photogrammetric methods, Control by USGS and USC&GS. Photography field annotated, 1953. 100,000-foot grid based on Arizona coordinate system, west and central zones. 10,000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue.

LEGEND

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

POPULATED PLACES
Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

RAILROADS
Standard gauge
Narrow gauge
International
State
County
Park or reservation

BOUNDARIES
Landplane airport
Landing area
Seaplane airport
Marsh or swamp
Seaplane anchorage
Woods-brushwood

Landmarks: School; Church; Other
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

RAILROADS
Single track
Double or multiple
Narrow gauge
International
State
County
Park or reservation

RAILROADS
Single track
Double or multiple
Narrow gauge
International
State
County
Park or reservation

RAILROADS
Single track
Double or multiple
Narrow gauge
International
State
County
Park or reservation

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

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

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 1°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 1°45' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°05' WESTERLY.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NJ 12-10

USGS
Historical File
Topographic Division

RELIABILITY DIAGRAM

SECTIONIZED TOWNSHIP

6 5 4 3 2 1
18 17 16 15 14 13
19 20 21 22 23 24
30 29 28 27 26 25
31 32 33 34 35 36

GRAND CANYON, ARIZONA