

Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quarangles, 1:62,500, 1:250,000, United States Geological Survey, 1884-1926; County Highway Maps, 1937; topographic maps of the State of Arizona, 1:500,000, U. S. Geological Survey, 1933. Planimetric detail revised by photo-planimetric methods. Aerial photography, 1940-45. Road, railroad and aeronautical data verified by state authorities, 1947. Control by U. S. Coast and Geodetic Survey.

**LEGEND**  
ROAD DATA 1947

**POPULATED PLACES**  
Small  
500,000 or over  
100,000 to 500,000  
25,000 to 100,000  
5,000 to 25,000  
1,000 to 5,000  
1,000 or less

**RAILROADS**  
Standard gauge  
Narrow gauge  
Interurban

**BOUNDARIES**  
International  
State  
County  
Park and reservation  
Horizontal control point  
Spot elevation in feet

**ROAD DATA 1947**  
Hard surface, heavy duty road, more than two lanes wide  
Hard surface, heavy duty road, two lanes wide  
Hard surface, medium duty road, more than two lanes wide  
Hard surface, medium duty road, two lanes wide  
Loose surface, graded and drained road  
Old Dominion  
Dirt road; Trail  
Stowell  
Route markers: Federal, State

**RAILROADS**  
Single track  
Multiple track  
None

**BOUNDARIES**  
Principal navigation light  
Military airfield  
Municipal or commercial airfield  
Auxiliary airfield  
Seaplane base  
Swamp, Marsh  
Reef, Limit of danger line  
Rocks, wash, Wharf, pier  
Furrows, Flats

**INDEX TO BOUNDARIES**

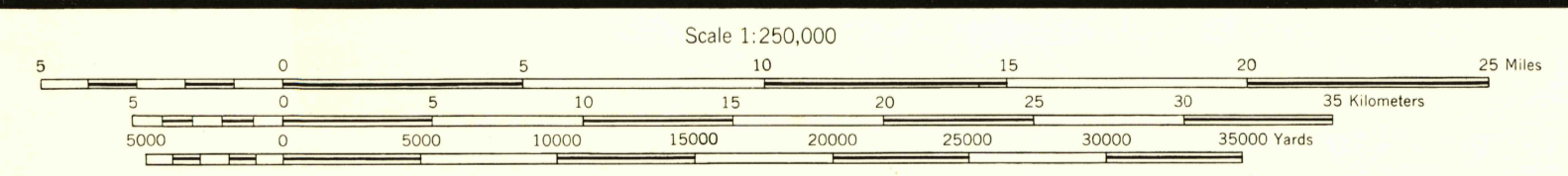
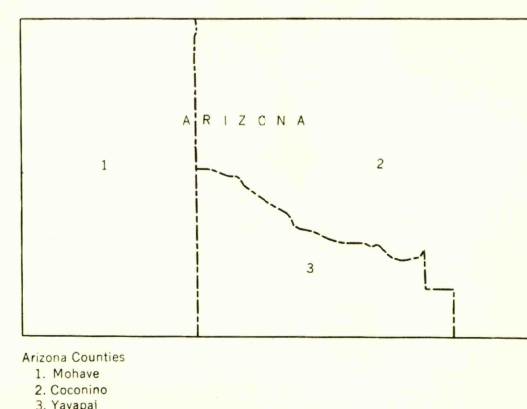
**LEGEND**  
Boston  
Richmond  
Alexandria

**RAILROADS**  
Standard gauge  
Narrow gauge  
Interurban

**BOUNDARIES**  
Principal navigation light  
Military airfield  
Municipal or commercial airfield  
Auxiliary airfield  
Seaplane base  
Swamp, Marsh  
Reef, Limit of danger line  
Rocks, wash, Wharf, pier  
Furrows, Flats

**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36



CONTOUR INTERVAL 500 FEET, WITH AUXILIARY CONTOURS AT 250 FOOT INTERVALS  
DATUM IS MEAN SEA LEVEL  
TRANSVERSE MERCATOR PROJECTION  
1983 NORTH AMERICAN DATUM  
100,000-FOOT GRID TICKS, ARIZONA PLANE COORDINATE SYSTEM, WEST AND CENTRAL ZONES, SHOWN IN BLACK  
10,000-METER GRID TICKS, UNIVERSAL TRANSVERSE MERCATOR SYSTEM, ZONE 12, SHOWN IN BLUE  
MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 17M EASTERN TO 17M WESTERN FOR THE CENTER OF THE SHEET  
LONG TO 1000 METERS FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 10" WESTERLY.

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

**USGS Historical File Topographic Division**

**COVERAGE DIAGRAM**

**LEGEND**  
Photo quadrangle  
Photo quadrangle  
Map

**LEGEND**  
Areas for which additional information is available:  
A. Large scale topographic maps, 1:25,000, available upon request.  
B. Medium scale topographic maps, 1:50,000, available upon request.  
C. Small scale topographic maps, 1:100,000, available upon request.  
Dates of aerial photography: 1:1940; 2:1943, 1940.

**WILLIAMS, UNITED STATES ARIZONA**

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