



Prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1947 from United States Quadrangles, 1:31,680, 1:62,500, and 1:125,000. Corps of Engineers and U. S. Geological Survey, 1891-1941; County Highway Maps, 1937. Planimetric detail partially revised from aerial photography by photogrammetric methods. Aerial photography by U. S. Department of Agriculture, U. S. Army Air Force, and U. S. Geological Survey, 1937-45. Road and railroad data verified by State Authorities. Control by U. S. Coast and Geodetic Survey. Universal Transverse Mercator Grid data revised by AMS, 1956.

LEGEND
ROAD DATA 1947

POPULATED PLACES
Small: Large built-up area
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
BORDERIES
International
State
County
Park and reservation
Horizontal control point
Spot elevation in feet

LANDS/LANES
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
Laramie: Loose surface, graded and drained road
Grand Coulee: Dirt road; Trail
Sun Valley: Route markers: Federal; State

Other features:
Falls; Rapids
Intermittent stream
Swamp, marsh
Reef; Limit of danger line
Seaplane base
Rocks awash; Wharf, pier
Foreshore 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

Scale 1:250,000

CONTOUR INTERVAL 500 FEET WITH SUPPLEMENTARY CONTOURS AT 250 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

100,000-FOOT GRID BASED ON CALIFORNIA COORDINATE SYSTEM, ZONE 3.

10,000-METER UNIVERSAL TRANSVERSE MERCATOR GRID TICS, ZONE 10, SHOWN IN BLUE

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 17°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 16°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

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

USGS
Historical File
Topographic Division

COVERAGE DIAGRAM

LOCATION DIAGRAM FOR NJ 109

COMPILATION METHODS

Photo stereo
Photo planimetry
Map

A. Large scale topographic maps, 1:50,000, reliability good.
B. Medium scale topographic maps, 1:62,500, reliability fair.
Dates of aerial photography: 1937-45.

PACIFIC OCEAN

San Jose, California