



V502, EDITION 5  
 Prepared by the U.S. Army Topographic Command (CGSK), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1952-54. Planimetry revised in part from aerial photographs taken 1953-54. Photographs field annotated 1954. Revised by the U.S. Geological Survey 1969.  
 Area covered by dashed light-blue line is subject to controlled inundation 100,000-foot grid based on Nevada coordinate system, east and central zones, and Arizona coordinate system, west zone  
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

**LEGEND**

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

**ROADS**  
 Primary, all-weather, hard surface  
 Secondary, all-weather, hard surface  
 Light-duty, all-weather, improved surface  
 Fair or dry weather, unimproved surface  
 Trail  
 Interchange  
 Route markers: Interstate, U.S., State

**RAILROADS**  
 Standard gauge  
 Narrow gauge  
 Landplane airport  
 Landing area  
 Seaplane airport  
 Seaplane anchorage  
 Park or reservation

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation

**Other symbols:**  
 Landmark: School, Church, Other  
 Spot elevation in feet  
 Marsh or swamp  
 Intermittent or dry stream  
 Power line

Scale 1:250,000

5 10 15 20 25 30 Statute Miles  
 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET  
 TRANSVERSE MERCATOR PROJECTION  
 BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11  
 MAGNETIC VARIATION FOR 1965 IS 15°51' (280 MILS) EASTERLY OVER THE ENTIRE AREA  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

**LOCATION DIAGRAM**

NJ 11.4	NJ 11.5	NJ 11.6	NJ 11.7	NJ 11.8	NJ 11.9
NJ 11.10	NJ 11.11	NJ 11.12	NJ 11.13	NJ 11.14	NJ 11.15
NJ 11.16	NJ 11.17	NJ 11.18	NJ 11.19	NJ 11.20	NJ 11.21
NJ 11.22	NJ 11.23	NJ 11.24	NJ 11.25	NJ 11.26	NJ 11.27

**SECTIONAL TOWNSHIP**

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

**GRID ZONE DESIGNATION**  
 11S  
 500,000 M. SQUARE IDENTIFICATION  
 NL PL QL  
 NK PK QK

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES**  
 SAMPLE POINT: CAMP  
 1. Read letters identifying 100,000 metre square on which the point lies.  
 2. Locate the VERTICAL grid line to the left of the point and read LARGE figure labeling the line either in the top or bottom margin or on the sheet.  
 3. Locate the HORIZONTAL grid line below the point and read LARGE figure labeling the line either in the left or right margin or on the line sheet.  
 4. Estimate tenths from grid line to point.  
 5. Estimate tenths from grid line to point.  
 6. Estimate tenths from grid line to point.  
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 33. Estimate tenths from grid line to point.  
 34. Estimate tenths from grid line to point.  
 35. Estimate tenths from grid line to point.  
 36. Estimate tenths from grid line to point.

LAS VEGAS, NEVADA; ARIZONA; CALIFORNIA  
 1954  
 USGS  
 Historical File  
 REVISED 1969

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