



**LEGEND**  
 MAP INFORMATION AS OF 1956  
 ROAD DATA 1956  
 In developed areas, only through roads are classified  
 Trail indicates built-up areas in which only landmark buildings are shown

Hard surface, heavy duty road, four or more lanes wide  
 Hard surface, heavy duty road, two lanes wide; three lanes wide  
 Hard surface, medium duty road, four or more lanes wide  
 Hard surface, medium duty road, two lanes wide; three lanes wide  
 Improved light duty road, street  
 Unimproved dirt road  
 Trail  
 Route markers: Interstate, Federal, State, Mines; Open pit; Horizontal shaft; Vertical shaft; Prospect  
 Bench mark, monumented  
 Bench mark, non-monumented  
 Spot elevations in feet  
 Check: Unchecked  
 Light, lighthouse; Windmill; windpump  
 Woods or brushwood  
 Orchard; Scrub  
 Intermittent lake  
 Intermittent stream; Dam  
 Marsh or swamp  
 Rapids; Falls  
 Large rapids; Large falls

**BOUNDARIES**  
 National  
 State (with monument)  
 County  
 County subdivision  
 Corporate limits  
 Military reservation  
 Other reservation

**BOUNDARIES**  
 KERN COUNTY

**ELEVATION GUIDE**  
 High  
 Medium  
 Low

**ADJOINING SHEETS**  
 2354 IV 2354 I 2454 IV  
 2354 II 2354 III 2454 III  
 2353 IV 2353 I 2453 IV

Scale 1:50,000  
 1 1/2 0 1 2000 2 3 Statute Miles  
 1000 500 0 1000 2000 3000 4000 Yards  
 1 1/2 0 1 2 Nautical Miles 3

**CONTOUR INTERVAL 100 FEET**

**SPHEROID** CLARKE 1866  
**GRID** 1,000 METER UTM, ZONE 11  
**PROJECTION** TRANSVERSE MERCATOR  
**SEA LEVEL DATUM** 1929  
**VERTICAL DATUM** 1927 NORTH AMERICAN DATUM  
**HORIZONTAL DATUM** 1927 NORTH AMERICAN DATUM

**GRID CONVERGENCE** 0.79" (12 MILS) FOR CENTER OF SHEET

**1945 G.M. ANGLE** 16° (280 MILS)

**CREDITS**  
 PREPARED BY: U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
 CONTROL BY: U.S.G.S., U.S.C.A.S., AND CITY OF LOS ANGELES  
 REPRODUCED BY: AMS (O.E.L. U.S. ARMY)

**FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225**  
 OR RESTON, VIRGINIA 22092

**GRID ZONE DESIGNATION** 11S  
**100,000 M. SQUARE IDENTIFICATION**  
 LK MK 90  
 LJ MJ 90

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS**  
**SAMPLE POINT: WATER TANK**

1. Read letters identifying 100,000 meter square in which the point lies:  
 2. Locate first vertical grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin or on the line itself.  
 Estimate meters from grid line to point:  
 3. Locate first horizontal grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.  
 Estimate meters from grid line to point:  
**SAMPLE REFERENCE:** 11S 1150000 9000000  
 1150000 9000000  
 1150000 9000000

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA ENTERPRISE SERVICE DESK: 1-800-455-0899; COMMERCIAL 202-277-8811; DSN 287-8811; UNCLASSIFIED EMAIL: ENTERPRISESERVICECENTER@GMAIL.COM; SIPRNET: ESC@NSA.MIL OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-240, 4805 SANGAMORE ROAD, BETHESDA, MD 20815-5002**

**TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH**  
 100 G.M. ANGLE  
**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
 SUBTRACT G.M. ANGLE

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