



Prepared by the U. S. Army Topographic Command (TPCGCS), Washington, D. C. Computed in 1961 by photogrammetric methods and from United States quadrangles, 1:48,000, 1:50,000, 1:62,500, 1:94,500, 1:125,000, 1:250,000, 1:500,000, 1:625,000, 1:1,250,000. Planimetric detail revised by photogrammetric methods, horizontal and vertical control by USGS, USCGS, U. S. Bureau of Reclamation, City of Los Angeles, and Metropolitan Water District of Southern California. Field annotated 1957. Limited revision by U. S. Geological Survey 1964.

100,000-PLANE COORDINATE GRID TICK SYMBOLS  
 CALIFORNIA 3 NEVADA WEST CALIFORNIA 4

INDEX TO COUNTY BOUNDARIES  
 (See county designations list for county identification)

PLANE COORDINATE ZONES  
 CALIFORNIA 3 CALIFORNIA 4 NEVADA WEST

**HORIZONTAL CONTROL**

- Coast & Geodetic Survey: Monumented Point - First Order (triangle), Monumented Point - Second Order (square), Monumented Point - Third Order (circle), Located Object - Third Order (diamond), Station reported not recovered (cross), Measured Base - Electronic or Taped (solid line), Line of triangulation observed (dashed line), Line of triangulation observed from one end only (dotted line), Measured Length, Electronic or Taped (solid line with dots), Theodolite Traverse - Electronic Distance (solid line with triangles), Transit Traverse - Taped Distance, Third Order (solid line with squares), Transit Traverse and Leveling, Third Order (solid line with circles).
- Geological Survey: (triangle), (square), (circle), (diamond), (cross), (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).
- Other Agencies: (triangle), (square), (circle), (diamond), (cross), (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).

**VERTICAL CONTROL**

- Coast & Geodetic Survey: First Order (triangle), Second Order (square), Third Order (circle).
- Geological Survey: (triangle), (square), (circle), (diamond), (cross), (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).
- Other Agencies: (triangle), (square), (circle), (diamond), (cross), (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).

**STATE SURVEY CONTROL**

- Horizontal or Vertical: (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).
- CODE OF OTHER AGENCIES: U. S. Army Topographic Command (triangle), (square), (circle), (diamond), (cross), (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).

**TRANSVERSE MERCATOR PROJECTION**

- ROADS: Hard surface, heavy duty (solid line), More than two lanes wide (solid line with dots), Two lanes wide, Federal route marker (solid line with triangles), Hard surface, medium duty (solid line with squares), More than two lanes wide (solid line with circles), Two lanes wide, State route marker (solid line with diamonds), Improved light duty (solid line with crosses), Unimproved Dirt (dashed line), Trail (dotted line).
- RAILROADS: Standard gauge (solid line), Single track Double or Multiple (solid line with dots), Narrow gauge (solid line with triangles), International (solid line with squares), State (solid line with circles), County (solid line with diamonds), Park or reservation (dotted line).
- LEGEND ROAD DATA 1957: (solid line), (dashed line), (dotted line), (solid line with dots), (solid line with triangles), (solid line with squares), (solid line with circles).
- LANDMARKS: School; Church; Other (solid line with triangles), Horizontal control point (solid line with squares), Spot elevation in feet (solid line with circles), Marsh or swamp (solid line with diamonds), Intermittent or dry stream (dotted line), Power line (dashed line).

**COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION**

37 119 4	37 119 5	37 118 4	37 118 5
37 119 3	37 119 2	37 118 3	37 118 2

**COUNTY DESIGNATIONS**

1. Tuolumne	2. Mariposa	3. Fresno	4. Inyo	5. Mono	6. Mineral
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**GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION**

390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410
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**ORDER CONTROL DATA, SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, U. S. S. A. ROCKVILLE, MARYLAND 20852.**

**ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.**

U. S. DEPT. OF COMMERCE  
COAST AND GEODETIC SURVEY  
WASHINGTON, D. C.  
FORM - 6471 (1-63)  
DATE APR 1970

**INDEX TO**  
**NUMBERED HORIZONTAL CONTROL STATIONS**  
by the  
*Coast and Geodetic Survey*

QUADS 371181-2-3-4 & 371191-2-3-4  
CALIF-NEV  
LATITUDE 37°00' TO 38°00'  
LONGITUDE 118°00' TO 120°00'  
DIAGRAM NJ 11-7 MARIPOSA

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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1	T 56 CALIF-NEV BDY 56		
1	T 57 CALIF-NEV BDY T 57		
2	BM 5936 (USGS)		
2	BDY MON 59		
2	T 59 (WHITE MTN S BASE)		
2	SCHMIDT (NPD)		
3	QUEEN STATION, WATER TANK		
4	VON SCHMIDTS 334 MILE 63 CHAIN POST		

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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