



Base prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from USGS quadrangles, 1:24,000, 1933-53. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS, and USCE. Photographic field annotated 1954. Minor corrections by U.S. Geological Survey 1962.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 — NEW MEXICO WEST — NEW MEXICO EAST

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

PLANE COORDINATE ZONES
 □ NEW MEXICO CENTRAL □ NEW MEXICO WEST

HORIZONTAL CONTROL

Coast & Geodetic Survey
 ▲ Monumented Point - First Order
 ▲ Monumented Point - Second Order
 ○ Located Point - Third Order
 See separate index for frames of numbered stations
 Station reported not recovered
 Measured Base - Electronic or Taped
 Line of triangulation observed
 Line of triangulation observed from one end only
 Measured Length - Electronic or Taped
 — Theodolite Traverse - Electronic Distance
 — Transit Traverse - Taped Distance Third Order
 — Transit Traverse and Leveling Third Order

Geological Survey
 ▲ Monumented Point - First Order
 ▲ Monumented Point - Second Order
 ○ Located Point - Third Order

VERTICAL CONTROL

Coast & Geodetic Survey
 — First Order
 — Second Order
 - - - - - Third Order

Geological Survey
 — First Order
 — Second Order
 - - - - - Third Order

STATE SURVEY CONTROL
 — Horizontal or Vertical

Scale 1:250,000
 0 5 10 15 20 Statute Miles
 0 5 10 15 20 Kilometers

SECTIONIZED 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

TOWNSHIP OR RANGE LINE
 LAND GRANT BOUNDARY

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NI 13-1

LEGEND

ROADS
 Hard surface, heavy duty
 Hard surface, medium duty
 Two lanes wide, Federal route marker
 More than two lanes wide
 Improved light duty
 Unimproved dirt
 Trail

RAILROADS
 Standard gauge
 Narrow gauge
 International
 State
 County
 Park or reservation

LANDMARKS
 School, Church, Other
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Power line

COAST AND GEODETIC SURVEY
 THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

35 107 4	35 107 1	35 106 4	35 106 1
NEW MEXICO			
35 107 3	35 107 2	35 106 3	35 106 2

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, E.S.S.A. ROCKVILLE, MARYLAND 20852.

GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION

COUNTY DESIGNATIONS

- Valencia
- Bernalillo
- Santa Fe
- Torrance

INDEX TO COUNTY BOUNDARIES

414	413	412	411	410	409	408	407
NEW MEXICO							
389	388	387	386	385	384	383	382
364	363	362	361	360	359	358	357
339	338	337	336	335	334	333	332

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 NOV 1967 REV JUL 1971

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 351061-2-3-4 & 351071-2-3-4
 N MEX
 LATITUDE 35°00' TO 36°00'
 LONGITUDE 106°00' TO 108°00'
 DIAGRAM NI 13-1 ALBUQUERQUE

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	MCCARTYS AIRFIELD RADIO DIRECT SYS CTR POLE	351073	1001	29	ALBUQUERQUE MUNICIPAL AIRPORT FLAGPOLE	351063	1043
2	HIGHEST HILL BETWN TAYLOR & SAWYER W SHOLR	351073	1028	30	ALBUQUERQUE MUNICIPAL AIRPORT WINDSOCK	351063	1042
3	BLACK TANK 5 MILFS NW OF GRANTS	351073	1038	31	ALBUQUERQUE KIRTLAND AFB CONTROL TOWER	351063	1041
4	SILVER TANK 4 MILES NNW OF GRANTS	351073	1009	32	ALBUQUERQUE VETERANS CENTER FLAGPOLE	351063	1045
5	LOS ANGELES-ALBUQUERQUE AIRWAY BEACON 64	351073	1017	32	ALBUQUERQUE VETERANS HOSPITAL N WATER TANK	351063	1047
6	LOS ANGELES-ALBUQUERQUE AIRWAY BEACON 62	351073	1018	32	ALBUQUERQUE VETERANS HOSPITAL STACK	351063	1048
7	JEMEZ USGS	351064	1009	32	ALBUQUERQUE VETERANS HOSPITAL S WATER TANK	351063	1046
7	PAJARITO PK MTN STS T AND T MICROWAVE TOWER	351064	1010	33	ALBUQUERQUE SANDIA AFB CONTROL TOWER	351063	1051
8	BENCH MARK 61 SC USGS	35106	1001	34	ALBUQUERQUE SANDIA AFB NW WATER TANK	351063	1049
9	DOME RM 3 USGS	351061	1010	35	ALBUQUERQUE SANDIA AFB SE WATER TANK	351063	1050
9	SAN MIGUEL LOOKOUT HOUSE	351061	1010	36	SANDIA MOUNTAIN TV STATION KOAT MAST	351062	1010
10	LOS ALAMOS MUNICIPAL WATER TANK	351061	1020	36	SANDIA MTNS USFS LOOKOUT TOWER	351062	1011
10	LOS ALAMOS WATER TOWER	351061	1021	37	R 878.1 USBR	351062	1005
11	SANTA FE WEST BASE AZIMUTH MARK	351061	1007	37	5136.878 E SCS	351062	1005
12	SANTA FE OLD MUNICIPAL AIRPORT WIND SOCK	351061	1022	38	RED TOP LOOKOUT HOUSE	351064	1018
13	ALBUQUERQUE TV STATION KGGM MAST	351062	1012	38	BENCH MARK R USGS	351064	1018
13	ALBUQUERQUE TV STATION KOB MAST	351062	1013	39	POJOAQUE CHURCH SPIRE	351061	1018
14	BERNALILLO NEW MEX LUMBER CO CENTER STACK	351063	1021	40	ESPANOLA EAST RADIO MAST OF 2	351061	1019
14	BERNALILLO WATER TANK	351063	1022	41	BERNALILLO MAG 2	351063	1068
15	ALAMEDA RADIO STATION KOB EAST MAST	351063	1055	41	T12N R4E SEC 5	351063	1068
15	ALAMEDA RADIO STATION KOB WEST MAST	351063	1056				
15	ALAMEDA RAD STA KOB TALLER MAST	351063	1056				
16	ALAMEDA NAZARETH HOSP CUPOLA CROSS	351063	1052				
17	ALAMEDA NATIVITY CATHOLIC CHURCH N SPIRE	351063	1053				
17	ALAMEDA NATIVITY CATHOLIC CHURCH S SPIRE	351063	1054				
18	MOUNTAIN STATES T & T CO TOWER	351063	1003				
19	ALBUQUERQUE TV STATION KOAT MAST	351063	1029				
20	LOS ANGELES-AMARILLO AIRWAY BEACON 68	351063	1030				
21	ALBUQUERQUE RAD STA KGGM MAST	351063	1032				
22	ALBUQUERQUE SANTA FE RR YARDS STACK	351063	1031				
23	ALBUQUERQUE INDIAN SCHOOL EAST TANK	351063	1037				
23	ALBUQUERQUE INDIAN SCHOOL WEST TANK	351063	1038				
24	ALBUQUERQUE RADIO STATION KOAT TALLER MAST	351063	1035				
24	ALBUQUERQUE RADIO STATION KOAT SHORTER MAST	351063	1036				
25	ALBUQUERQUE SAN FELIPE SCHOOL SPIRE	351063	1034				
26	ALBUQUERQUE FEDERAL BUILDING DCMF	351063	1025				
27	ALBUQUERQUE CITY HALL RADIO TOWER	351063	1024				
27	ALBUQUERQUE HILTON HOTEL TOWER SIGN	351063	1026				
28	ALBUQUERQUE INDIAN HOSPITAL STACK	351063	1040				
28	ALBUQUERQUE MAG	351063	1059				