



Base prepared by the Army Map Service (AFM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and USFS. Aerial photography 1953-54. Photographs field annotated 1954.

HORIZONTAL CONTROL

- Coast & Geodetic Survey**
- ▲ Monumented Point - First Order
 - △ Monumented Point - Second Order
 - ▲ Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names 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
 - ▲ Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names 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

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



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

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NI 12-6

NEW MEXICO	NEW MEXICO
NI 12-2	NI 12-3
NI 12-5	NI 12-6
ARIZONA	ARIZONA
NI 12-8	NI 12-9
NI 12-4	NI 12-7

- LEGEND**
- RAILROADS: Standard gauge, Narrow gauge, Heavy gauge, Light gauge, Interlocking, Park or reservation.
 - BOUNDARIES: International, State, County.
 - LANDMARKS: School, Church, Other.
 - SPOT ELEVATION: Spot elevation in feet.
 - MARSH OR SWAMP: Marsh or swamp.
 - INTERMITTENT OR DRY STREAM: Intermittent or dry stream.
 - POWER LINE: Power line.

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

34 109 4	34 109 1	34 108 4	34 108 1
ARIZONA	NEW MEXICO	ARIZONA	NEW MEXICO
1	2	3	4
34 109 3	34 109 2	34 108 3	34 108 2

COUNTY DESIGNATIONS

- 1. Mohave
- 2. Apache
- 3. McKinley
- 4. Valencia
- 5. Cibola

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

295	294	293	292	319	318	317	316	315
ARIZONA	NEW MEXICO	ARIZONA	NEW MEXICO	ARIZONA	NEW MEXICO	ARIZONA	NEW MEXICO	ARIZONA
1	2	3	4	5	6	7	8	9
291	290	289	288	269	268	267	266	265
229	228	227	226	243	242	241	240	239

NEW MEXICO COUNTY BOUNDARIES

- 240. Pinalillo No. 4
- 241. Pinalillo No. 3
- 242. Canon Largo No. 3
- 244. Springville No. 4
- 266. Pinalillo No. 1
- 266. Pinalillo No. 2
- 267. Canon Largo No. 1
- 268. Canon Largo No. 2
- 269. Springville No. 1
- 290. Seven No. 4
- 291. Seven No. 3
- 292. Fence Lake
- 293. Zuni
- 294. Wolford Spring No. 4
- 294. Springville No. 2
- 294. Springville No. 1
- 295. Canon Largo No. 4
- 295. Canon Largo No. 2
- 295. Springville No. 3
- 295. Springville No. 4
- 295. Springville No. 5
- 295. Springville No. 6
- 295. Springville No. 7
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- 295. Springville No. 100

ORDER CONTROL DATA IN BLACK BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C.

ORDER CONTROL DATA IN RED BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

SAINT JOHNS, ARIZONA, NEW MEXICO (NI 12-6) FEBRUARY 1964

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE FEB. 1964

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

QUADS 341081-2-3-4 & 341091-2-3-4
 ARIZ-N MEX
 LATITUDE 34°00' TO 35°00'
 LONGITUDE 108°00' TO 110°00'
 DIAGRAM NI 12-6 SAINT JOHNS

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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1. BANNER
RAILROAD
BM N4
2. GREEN ECC
GREEN (GREENS PEAK LOT)
GREENS PEAK, ARIZONA STATE HWY PATROL RADIO MAST
3. SPRINGVILLE (USGS)
SPRINGVILLE SCHOOL, CUPOLA
SPRINGVILLE RED ROOF CHURCH, BROWN STEEPLE
4. MILE POST 197 ECC (RM3)(GLO)
5. GLO STATION 2 ECC (RM2)
GLO STATION 2
6. COOLKY WATER TOWER
MCNARY, ARIZONA PUBLIC UTILITY, WATER TANK
7. LAKE MT LOT
8. SHOW LOW TV ASSOCIATION, TOWER
9. SPRINGER MTN LOT
10. HIGHWAY MARK 399 + 0.38