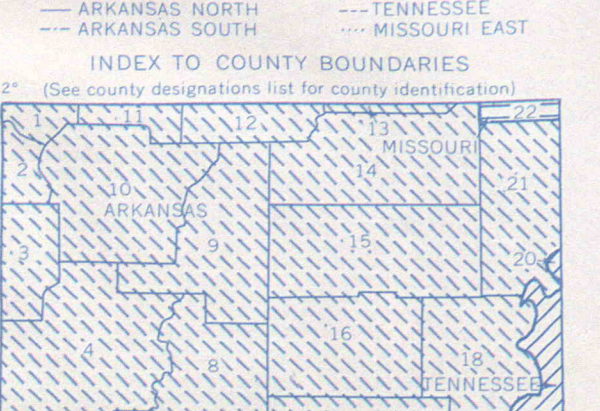


Base prepared by the U.S. Army Topographic Command (TPCT), Washington, D.C. Compiled in 1954 by photogrammetric methods and from United States quadrangles 131,680, 162,500 and 1129,000, 1891-1954, and County Highway Maps, revised 1949-53. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS and USCE. May field checked 1953. Limited revision by U.S. Geological Survey 1965.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

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



PLANE COORDINATE ZONES  
 ARKANSAS NORTH MISSOURI WEST  
 ARKANSAS SOUTH MISSOURI EAST

**HORIZONTAL CONTROL**

**Coast & Geodetic Survey**

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order

**Geological Survey**

- See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed from one and only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Levelling 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 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

**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**

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

**LEGEND**

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

RAILROADS: Single track Double or Multiple Standard gauge; Narrow gauge

BOUNDARIES: 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

35 091 4	35 091 1	35 090 4	35 090 1
35 091 3	35 091 2	35 090 3	35 090 2

**GEOLOGICAL SURVEY**

FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136

**ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242.**

**MEMPHIS, TENN.; ARK., MO. (N 15-3)**

MAY 1969

USCGM 5554-C DECEMBER 1970 A 5651



