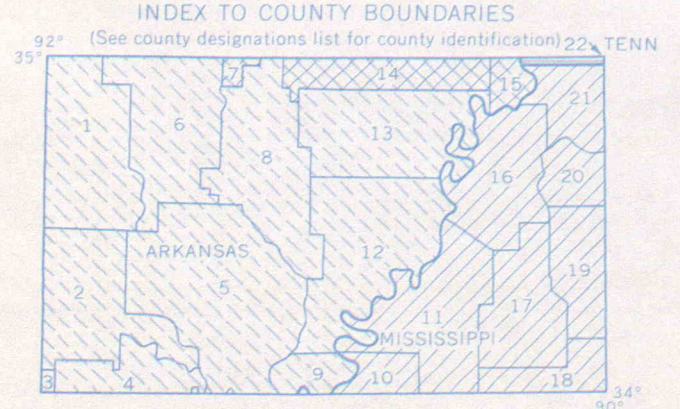


Base prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Completed in 1948 from Western United States 1:250,000 AMS Sheet NI 15-6, 1948, which was revised by photogrammetric methods, utilizing 1938-45 aerial photography. Control by USGS and USGS-AS. Map first checked, 1965.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 See county designations list for county identification.

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



PLANE COORDINATE ZONES
 ARKANSAS SOUTH MISSISSIPPI WEST
 ARKANSAS NORTH TENNESSEE

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
 Transit Traverse - Taped Distance Third Order
 Measured Length - Electronic or Taped
 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
 Transit Traverse - Taped Distance Third Order
 Measured Length - Electronic or Taped
 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
 First Order
 Second Order
 Third Order

Scale 1:250,000
 0 5 10 15 20 25 30 Kilometers
 0 5 10 15 20 25 30 Statute Miles

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

RAILROADS
 Standard gauge
 Narrow gauge
 Boundaries
 International
 State
 County
 Park or reservation

LANDMARKS
 School, Church, Other
 Monument control point
 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

34 091 4	34 091 1	34 090 4	34 090 1
34 091 3	34 091 2	34 090 3	34 090 2

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

GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

110	6	13	22	23
110	108	107	106	105
92	91	90	89	88
75	74	73	72	71
59	58	57	56	55

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

COUNTY DESIGNATIONS

1 Lincoln
 2 Jefferson
 3 Cleveland
 4 Lincoln
 5 Arkansas
 6 Madison
 7 Woodruff
 8 Monroe
 9 DeWitt
 10 Bolivar
 11 Dallas
 12 Phillips
 13 Lee
 14 St. Francis
 15 Crittenden
 16 Taylor
 17 Quitman
 18 Tallapoosa
 19 Franklin
 20 Saw
 21 DeWitt
 22 Shelby

ARKANSAS
 55 Helmswood
 56 Helmswood
 57 Gillett
 58 Varner
 59 Noble Lake
 60 Fannin
 61 Modoc
 62 Indian Bay
 63 DeWitt
 64 Gosman
 65 Altamere
 66 Clayton
 67 Latur

MISSISSIPPI
 88 Marcell
 89 Marcell
 90 Clarendon
 91 Stuttgart
 92 England
 100 Horn Lake
 104 Inverness Lake
 105 Park Place
 106 Marcell
 107 Marcell
 108 Marcell
 109 Horn
 110 Lenoir

TENNESSEE
 188 Cowder
 189 Tullahoma
 190 Clarksville
 191 Stuttgart
 200 DeWitt
 201 Marcell
 202 Fannin
 203 Marcell
 212 Cowder
 213 Cowder
 214 Lenoir
 224 Horn Lake
 225 Park Place

HELENA, ARKANSAS, MISSISSIPPI, TENNESSEE (NI 15-6)
 APRIL 1967

