



Base prepared by the U. S. Army Topographic Command, (IGC), Washington, D. C. Compiled in 1962 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000, 1:50,000, 1:62,500, 1:93,400. Planimetry revised from aerial photographs taken 1953-1961. Horizontal and vertical control by USGS, US&GS, CE, Mississippi River Commission, and Missouri School of Mines. Map field checked 1963.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
MISSOURI EAST MISSOURI CENTRAL MISSOURI WEST ILLINOIS WEST

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

PLANE COORDINATE ZONES
MISSOURI EAST MISSOURI CENTRAL MISSOURI WEST ILLINOIS WEST

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

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 25,000 50,000 75,000 100,000 Feet

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

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

LOCATION DIAGRAM FOR NJ 15-6

LEGEND

ROAD DATA 1963
 Standard gauge
 Single track Double or Multiple
 Narrow gauge
 Horizontal control point
 Spot elevation in feet

BOUNDARIES
 International
 State
 County
 Park or reservation

Landmarks: School, Church, Other, etc.
 Horizontal 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

38 091 4	38 091 1	38 090 4	38 090 1
38 091 3	38 091 2	38 090 3	38 090 2
38 091 2	38 091 1	38 090 2	38 090 1
38 091 1	38 091 0	38 090 1	38 090 0

COUNTY DESIGNATIONS

1	2	3	4	5	6	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	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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MISSOURI (East)
 143 Reynolds 148 Linn 204 New Florence
 144 Boone Co. 180 St. Louis 205 Montgomery City
 145 Du Sable 181 West St. Louis 206 Hannibal City
 146 Richmond 182 Manchester
 147 Sullivan 183 Augusta
 148 Cuba 184 Washington 38 Reynolds
 149 Andrew 185 Shannon 39 Crystal City
 150 Wayne 186 Marion 40 Warsaw
 151 Hickman 187 Hickman 51 Newkirk
 152 Pacific 188 Alton 52 Linn
 153 Franklin 189 Alton 53 Linn
 154 St. Clair 200 St. Charles 64 West St. Louis
 155 Union 201 Missouri 65 St. Louis
 156 Grand 202 New 66 St. Charles
 157 Boone 203 Warrenburg 70 Warrenburg

MISSOURI (West)
 158 Reynolds 168 Linn 204 New Florence
 159 Boone Co. 180 St. Louis 205 Montgomery City
 160 Du Sable 181 West St. Louis 206 Hannibal City
 161 Richmond 182 Manchester
 162 Sullivan 183 Augusta
 163 Cuba 184 Washington 38 Reynolds
 164 Andrew 185 Shannon 39 Crystal City
 165 Wayne 186 Marion 40 Warsaw
 166 Hickman 187 Hickman 51 Newkirk
 167 Pacific 188 Alton 52 Linn
 168 Franklin 189 Alton 53 Linn
 169 St. Clair 200 St. Charles 64 West St. Louis
 170 Union 201 Missouri 65 St. Louis
 171 Grand 202 New 66 St. Charles
 172 Boone 203 Warrenburg 70 Warrenburg

ILLINOIS
 173 Reynolds 183 Augusta
 174 Cuba 184 Washington 38 Reynolds
 175 Andrew 185 Shannon 39 Crystal City
 176 Wayne 186 Marion 40 Warsaw
 177 Hickman 187 Hickman 51 Newkirk
 178 Pacific 188 Alton 52 Linn
 179 Franklin 189 Alton 53 Linn
 180 St. Clair 200 St. Charles 64 West St. Louis
 181 Union 201 Missouri 65 St. Louis
 182 Grand 202 New 66 St. Charles
 183 Boone 203 Warrenburg 70 Warrenburg

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM GEODESY DIVISION, NOAA, ROCKVILLE, MARYLAND 20852.

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

ST. LOUIS, MISSOURI-ILLINOIS (NJ 15-6) JUNE 1970

USGS-NOAA-DC-15 MAY 1971 4-1054

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM - 6471 (2/68)
 DATE APR 1971

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 380901-2-3-4 380911-2-3-4
 U.S. NO
 LATITUDE 38° 00' TO 39° 00'
 LONGITUDE 90° 00' TO 92° 00'
 DIAGRAM NJ 15-6 SAINT LOUIS

KEY NO	STATION NAME	QUAD NO	STATION NO
1	ST LOUIS FIRST PRESBYTERIAN CHURCH	380901	1022
1	ST LOUIS SECOND PRESBYTERIAN CHURCH SPIRE	380901	1031
2	SULLIVAN FIRST BAPTIST CHURCH SPIRE	380912	1028
2	SULLIVAN INTERNAT SHOE CO WATER TANK	380912	1029
2	SULLIVAN MUNICIPAL WATER TANK	380912	1030
3	FULTON	380914	1006
3	FULTON 2	380914	1006
3	FULTON MUNICIPAL WATER TANK	380914	1022
3	FULTON WM WOODS COLL JONES HALL STEEPLE	380914	1023
3	FULTON WM WOODS COLLEGE STACK	380914	1024
3	FULTON WM WOODS COLLEGE TANK	380914	1025
4	FULTON MO STATE HOSP FOR INSANE STACK	380914	1016
4	FULTON MO STATE HOSP FOR INSANE STACK	380914	1017
4	FULTON MO STATE HOSP FOR INSANE TANK	380914	1018
4	FULTON MO ST SCHOOL FOR THE DEAF & DUMB STK	380914	1019
4	FULTON MO SCHOOL FOR DEAF TANK	380914	1020
5	ASSUMPTION	380901	1037
5	WASHINGTON PARK WAYNE FEEDS CO WATER TANK	380901	1038
6	WASHINGTON PARK RADIO STATION NEW MAST	380901	1040
6	HARDING	380901	1036
7	PLEASANT	380901	1034
8	WASHINGTON PARK ST MARTIN CATH CHURCH SPIRE	380901	1039

KEY NO	STATION NAME	QUAD NO	STATION NO
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