



Base prepared by the Army Map Service (KOSK), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by photogrammetric methods and from United States Quadrangles, 1:25,000, 1:50,000, 1:62,500, U. S. Geological Survey and AMS editions 1923-53. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by US2463, 1955 and CE. Map first checked, 1958.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 — IOWA SOUTH — IOWA NORTH — ILLINOIS WEST — ILLINOIS EAST

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

PLANE COORDINATE ZONES
 IOWA SOUTH IOWA NORTH ILLINOIS WEST ILLINOIS EAST

HORIZONTAL CONTROL

- 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

- First Order
- Second Order
- Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

COUNTY DESIGNATIONS

1 Bureau	13 Des Moines
2 Iowa	14 Warren
3 Keokuk	15 Wayne
4 Jefferson	16 Hancock
5 Henry	17 Rock Island
6 Washington	18 Scott
7 Jasper	19 Clinton
8 Linn	20 Cass
9 Jones	21 Whitehall
10 Cedar	22 Henry
11 Muscatine	23 Knox
12 Lincoln	24 Keokuk

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

ILLINOIS IOWA

212 Galva	44 Kathlamet	89 Doyon
213 Woodhull	45 Walnut	90 Wilcox Junction
214 Wagon	46 Wadena	91 New Liberty
215 Walworth	47 Glen	92 New City
216 Wapello	48 Pleasant Plain	93 Doyon
217 Geneva	49 Milan	111 Clinton
218 Onia	50 Edgemoor	112 Goose Lake
219 Milan	51 Muscatine	113 Doyon
220 Bagdad	52 Quambur Junction	114 Woodhull
221 Muscatine	53 Washington	115 Tipton
242 Rock	79 Waltham	116 Muscatine
243 Le Claire	87 Le Claire	117 Cedar Rapids
244 Davenport	88 Davenport	118 Cedar Rapids
265 Clinton		
266 Goose Lake		

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

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NK 15-9

LEGEND

ROAD DATA 1958

- Standard gauge
- Narrow gauge
- International
- State
- County
- Park or reservation

LANDMARKS

- School; Church; Other
- Horizontal control point
- Spot elevation in feet
- Intermittent or dry stream
- Power line

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.

USCOM-GS-C-45128

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE APR 1962 REVISED JULY 1966

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

QUADS 410901-2-3-4 & 410911-2-3-4
 ILL- IOWA
 LATITUDE 41° 00' TO 42° 00'
 LONGITUDE 90° 00' TO 92° 00'
 DIAGRAM NK 15-9 DAVENPORT

KEY NO	STATION NAME	QUAD NO	STATION NO
1	Garden Plain Aviation Bn No 30	410901	1007
2	GENESEO RM 3	410902	1005
3	ATKINSON ST ANTHONYS CATH CHURCH BELFRY	410902	1012
4	ATKINSON MUNICIPAL TANK	410902	1013
5	GENESEO MUNICIPAL WATER TANK	410902	1019
6	KANSAS CITY CHICAGO AIRWAY BEACON NO 27	410902	1021
9	Woodhull Bethany Lutheran Church Spire	410902	1057
7	NAT GAS PIPELINE CO OF AMER MICROWAVE TOWER	410902	1051
8	ANDOVER SWEDISH EVANGELICAL LUTH CH SPIRE	410902	1055
11	GENESEO FIRST CONGREGATIONAL CHURCH SPIRE	410902	1052
12	MOLINE MUNICIPAL TANK	410903	1016
13	ROCK ISLAND HEIGHTS MUNICIPAL TANK	410903	1017
10	Woodhull Municipal Water Tank	410902	1058
14	FAIRFIELD COUNTY CRTHSE CLOCK TOWER	410913	1012
14	FAIRFIELD IA ELEC POWER + LIGHT RAD MAST	410913	1010
15	FAIRFIELD SOUTH MUNI WATER TANK	410913	1017
16	FAIRFIELD IOWA MALLEABLE IRON CO STACK	410913	1011
16	FAIRFIELD LOUDEN MACHINERY CO STACK	410913	1014
16	FAIRFIELD LOUDEN MACHINERY CO WATER TANK	410913	1015
16	FAIRFIELD NORTH MUNI WATER TANK	410913	1016
16	FAIRFIELD PHILCO CORP DEXTER DIV WATER TANK	410913	1018
17	BETTENDORF SILVER WATER TANK	410904	1008
18	FAIRFIELD LOGAN SCHOOL SPIRE	410913	1013
19	KECTA MUNICIPAL TANK	410913	1020
20	CEDAR RAPIDS MOVING SEARCHLIGHT	410914	1011
21	CEDAR RAPIDS PENICK AND FORD LTD TANK	410914	1013
22	CORALVILLE TB HOSPITAL STACK	410914	1016
23	IOWA CITY NEW MEDIC SCHOOL SW CORNER	410914	1022
24	IOWA CITY EAST AERIAL	410914	1018
24	IOWA CITY NEW UNIV HEAT PLANT E STACK	410914	1024
24	IOWA CITY NEW UNIV HEAT PLANT W STACK	410914	1025
24	IOWA CITY OLD UNIV HEAT PLANT STACK	410914	1023
24	IOWA CITY WEST AERIAL	410914	1019
25	OMAHA CHICAGO AIRWAY BEACON E OF PARNELL	410914	1026
26	OXFORD AEROPLANE BEACON NO 22	410914	1028
27	DAVENPORT SACKED HEART CATHEDRAL SPIRE	410904	1011
28	DAVENPORT WUC RADIO NORTH TOWER	410904	1012
28	DAVENPORT WUC RADIO SOUTH TOWER	410904	1013

KEY NO	STATION NAME	QUAD NO	STATION NO
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