



Base prepared by the Army Map Service (AJMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods. Horizontal and vertical control by USCGS and USGS. Aerial photography 1952. Topography field annotated 1953.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
— IND. WEST — ILL. EAST

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

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 NK 16-11

AURORA	NK 16-7	NK 16-8	NK 16-9	NK 16-10	NK 16-11	NK 16-12
ILLINOIS	NK 16-1	NK 16-2	NK 16-3	NK 16-4	NK 16-5	NK 16-6
INDIANA	NK 16-13	NK 16-14	NK 16-15	NK 16-16	NK 16-17	NK 16-18
KY.	NK 16-19	NK 16-20	NK 16-21	NK 16-22	NK 16-23	NK 16-24

PLANE COORDINATE ZONES
□ IND. WEST □ ILL. EAST

COAST AND GEODETIC SURVEY

- △ FIRST ORDER TRIANGULATION
- △ SECOND ORDER TRIANGULATION
- △ THIRD ORDER TRIANGULATION
- STATIONS NOT RECOVERED ON LAST RECOVERY REPORT
- 60 FOR NAMES OF NUMBERED STATIONS SEE SEPARATE INDEX
- MEASURED BASE
- MEASURED LENGTH
- FIRST ORDER LEVELING
- SECOND ORDER LEVELING
- THIRD ORDER LEVELING

GEOLOGICAL SURVEY

- △ TRIANGULATION RECOVERABLE POINT
- TRAVELER
- LEVELING
- TRAVELER AND LEVELING
- ELECTRONIC CONTROL

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 dirt
- Traffic

RAILROADS

- Single track Double or Multiple
- Standard gauge
- Narrow gauge
- Intermodal
- State
- County
- Park or reservation

LEGEND ROAD DATA 1953

- Landmarks: School, Church, Other, etc.
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

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

0 5 10 15 20 25 30 Kilometers

TRANSVERSE MERCATOR PROJECTION

COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

40 087 4	40 087 1	40 086 4	40 086 1
40 087 3	40 087 2	40 086 3	40 086 2

COUNTY DESIGNATIONS

1 Ingham	13 Tuscarora
2 Ford	14 Montgomery
3 Cambridge	15 Boone
4 Vermilion	16 Orange
5 Franklin	17 Carroll
6 Fountain	18 Cass
7 Warren	19 Fulton
8 Berrien	20 Miami
9 Howard	21 Howard
10 Jasper	22 Tipton
11 Pulaski	23 Hamilton
12 White	

INDEX TO COUNTY BOUNDARIES

188	187	186	185	184	183	182	181	180
179	178	177	176	175	174	173	172	171
162	161	160	159	158	157	156	155	154
145	144	143	142	141	140	139	138	137
128	127	126	125	124	123	122	121	120
109	108	107	106	105	104	103	102	101
84	83	82	81	80	79	78	77	76
61	60	59	58	57	56	55	54	53
38	37	36	35	34	33	32	31	30
11	10	9	8	7	6	5	4	3
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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.

INDEX TO COUNTY BOUNDARIES

188	187	186	185	184	183	182	181	180
179	178	177	176	175	174	173	172	171
162	161	160	159	158	157	156	155	154
145	144	143	142	141	140	139	138	137
128	127	126	125	124	123	122	121	120
109	108	107	106	105	104	103	102	101
84	83	82	81	80	79	78	77	76
61	60	59	58	57	56	55	54	53
38	37	36	35	34	33	32	31	30
11	10	9	8	7	6	5	4	3
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INDIANA COUNTY

106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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INDIANA COUNTY

129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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INDIANA COUNTY

129	128	127	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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DANVILLE, ILLINOIS, INDIANA (NK 16-11)
FEBRUARY 1961

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE APR 1965

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 400861-2-3-4g 400871-2-3-4
 TLL-140
 LATITUDE 40° 00' TO 41° 00'
 LONGITUDE 086° 00' TO 088° 00'
 DIAGRAM NO 16-11 DANVILLE

KEY NO	STATION NAME	QUAD. NO.	STATION NO.
1	CRAWFORDSVILLE MIDSTATES STEEL WIRE CO TANK	400863	1041
1	CRAWFORDSVILLE STEEL WIRE CO CONCRETE STACK	400863	1044
1	CRAWFORDSVILLE STEEL WIRE CO BRICK STACK	400863	1045
2	CRAWFORDSVILLE MONTGOMERY CO CRTHSE DOME	400863	1043
3	CRAWFORDSVILLE DONNFFLY STANDPIPE	400863	1039
4	CRAWFORDSVILLE SPIRE	400863	1042
5	TIPTON	400862	1057
5	TIPTON ST JOHN THE BAPTIST CAT CH SPIRE	400862	1083
5	TIPTON TIPTON CO COURTHOUSE CLOCK TOWER	400862	1085
6	CICERO	400862	1007
6	CICERO MUNICIPAL TANK	400862	1063
6	TUCKER	400862	1058
7	FRANKFORT CLINTON COUNTY COURTHOUSE DOME	400863	1047
7	FRANKFORT HEATING PLANT STACK	400863	1049
8	FRANKFORT CITY POWER PLANT STACK	400862	1064
9	FRANKFORT INDIANA BRASS CO TANK	400863	1048
10	FRANKFORT INGRAM RICHARDSON MFG CO TANK	400863	1053
11	FRANKFORT CITY PARK TANK	400863	1046
12	LEBANON BOONE COUNTY COURTHOUSE DOME	400862	1076
13	LEBANON MUNICIPAL STANDPIPE	400862	1079
14	AIRWAY BEACON NO 15	400863	1052
15	LAFAYETTE COUNTY COURTHOUSE STATUE	400863	1055
16	LAFAYETTE GAS PLANT STACK	400863	1057
17	AIR BEACON NO 16	400863	1037
18	HOOPESTON AMERICAN CAN CO TANK	400873	1030
18	HOOPESTON MUNICIPAL WATER TANK	400873	1033
19	HOOPESTON SPRAGUE SELLS CORP STACK	400873	1031
20	HOOPESTON TANK	400873	1032
21	FILL	400862	1012
21	STUB	400862	1054
21	SUB	400862	1055
22	FRANCESVILLE MUNICIPAL WATER TANK	400864	1014
23	19 21 IGS	400874	1015
23	WATSEKA MUNICIPAL STANDPIPE	400874	1055
24	SHELDON MUNICIPAL STANDPIPE	400874	1054
25	KENTLAND MUNICIPAL WATER TANK	400871	1054
26	MOROCCO MUNICIPAL WATER TANK	400871	1055
27	RENSSELAER ST JOSEPH COLLEGE STACK	400871	1060
28	RENSSELAER ST JOSEPH COLLEGE WATER TANK	400871	1061
29	RENSSELAER MUNICIPAL WATER TANK	400871	1059
30	RENSSFLAER COUNTY COURTHOUSE CLOCKTOWER	400871	1058
31	NO 604 IND GENO S	400863	1019
32	PTS 6RW USGS	400874	1038
33	BENCH MARK X R9	400863	1012
33	ELSTON	400863	1012

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
34	NO 303 IGS	400863	1025
35	LAFAYETTE TV STATION WFAM MAST	400863	1058
35	LAFAYETTE WASK RADIO MAST	400863	1059
36	LAFAYETTE ALUMINUM CO OF AMERICA STACK	400863	1054
37	LAFAYETTE ST MARYS CATHEDRAL SPIRE	400863	1063
38	PURDUE UNIVERSITY AIRPORT BEACON	400863	1060
39	PURDUE UNIVERSITY HEAVILUM HALL CLOCKTOWER	400863	1062
39	PURDUE UNIVERSITY HEATING PLANT STACK	400863	1064
40	PURDUE UNIVERSITY EDUCATION BLDG SPIRE	400863	1061
41	CLARKS HILL MUNICIPAL WATER TANK	400863	1038
42	INDIANAPOLIS-CHICAGO AIRWAY BEACON NO 15	400863	1051
43	MONTICELLO COUNTY COURTHOUSE CLOCKTOWER	400864	1047
43	MONTICELLO MUNICIPAL STANDPIPE	400864	1048
44	MONTICELLO CONDO JUNK YARD STACK	400864	1046
45	MONTICELLO N IND PUB SERV CO RADIO MAST	400864	1049
46	BEAVERVILLE ST MARYS CATH CHURCH ROOF PEAK	400874	1045
47	CONTINENTAL	400862	1008
47	KOKOMO NORTH MUNICIPAL WATER TANK	400862	1071
47	PENN	400862	1043
48	FRANKFORT RADIO STATION WILLO MAST	400862	1065
49	ROYAL CENTER MUNICIPAL WATER TANK	400861	1092
50	LEONDA	400861	1042
50	LOGANSPOUT MUNICIPAL POWER PLANT STACK	400861	1085
51	LAGRANGE	400861	1037
51	LOGANSPOUT WILLIAM HEPPE AND SON STACK	400861	1088
52	LOGANSPOUT	400861	1044
52	LOGANSPOUT ST JOSEPH CHURCH SPIRE	400861	1086
52	MULBURN	400861	1063
53	LOGANSPOUT STATE MENTAL HOSPITAL WATER TANK	400861	1087
54	PERU MUNICIPAL POWER PLANT STACK	400861	1089
55	PERU ST CHARLES CATHOLIC CHURCH SPIRE	400861	1091
56	PERU SQUARE O COMPANY WATER TANK	400861	1090
57	HPAYS	400862	1004
57	WALTON MUNICIPAL WATER TANK	400861	1093
58	GALVESTON MUNICIPAL WATER TANK	400861	1082
59	KOKOMO CHRYSLER CORP WATER TANK	400862	1067
59	KOKOMO SOUTH MUNICIPAL WATER TANK	400862	1072
59	MAIN	400862	1036
60	KOKOMO N IND PUB SERV CO RADIO KSH 313 MAST	400862	1070
61	KOKOMO AMER STANDARD PLUMBING CO WATER TANK	400861	1043
62	KOKOMO PITTSBURGH GLASS CO STACK	400862	1073
63	KOKOMO CITY POLICE RADIO KSA 335 MAST	400862	1068
64	KOKOMO ST PATRICKS CATHOLIC CHURCH SPIRE	400862	1075
65	KOKOMO KINGSTON PRODUCTS CO WATER TANK	400861	1084
66	KOKOMO DELCO RADIO PLANT WATER TANK	400862	1069

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PAGE 2
 QUADS 400861-7-3-4 & 400871-7-3-4
 TLL-111P
 LATITUDE 40°00' TO 41°00'
 LONGITUDE 086°00' TO 088°00'
 DIAGRAM NK 16-11 DANVILLE

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
67	KOKOMO RADIO STATION WIOU NORTH MAST	400862	1074
68	AIRPORT BEACON KOKOMO MUNICIPAL AIRPORT	400861	1034
68	BENCH MARK B 211	400861	1034
68	BENCH MARK C 211	400861	1034
68	BENCH MARK D 211	400861	1034
69	SHARPSVILLE MUNICIPAL WATER TANK	400862	1080
70	TIPTON FARM BUREAU CO OP GRAIN ELEVATOR	400862	1081
70	TIPTON NORTH MUNICIPAL WATER TANK	400862	1082
70	TIPTON STEEL PARTS CORP WATER TANK	400862	1094
71	BENCH MARK F4 MIAMI ISHC	400861	1007
72	BENCH MARK HOW L 54 ISHC	400861	1023
72	CASSEDY	400861	1023
73	BENCH MARK R 205	400862	1060
73	WASHINGTON	400862	1060
74	RBN KOKOMO OKK NORTH POLE	400862	1061
75	BUCKEYE	400862	1005
76	KOKOMO	400862	1033
77	EEL	400861	1020
77	MIAMI	400861	1054
77	VANDALIA	400861	1075
78	HORNEY	400861	1030
78	KNOX	400861	1032
78	LAURENCE	400861	1039
79	CRESCENT CITY MUNI WATER TANK	400874	1048
80	BROOKSTON MUNICIPAL WATER TANK	400864	1042
81	CHALMERS MUNICIPAL WATER TANK	400864	1044
82	CAMDEN MUNICIPAL WATER TANK	400864	1043
83	BUNKER HILL MUNICIPAL WATER TANK	400861	1081
84	BENCH MARK L 33 CASS ISHC	400861	1077
85	ROSSVILLE MUNICIPAL WATER TANK	400863	1065
86	L ERABLE ST JOHN THE BAPT CATH CH SPIRE	400874	1050
87	ASHKUM ASSUMPTION RVM CATHOLIC CHURCH SPIRE	400874	1044
88	STATE POLICE RADIO MAST	400863	1066
90	JASPER COUNTY AIRPORT AIRWAY BEACON	400871	1053
91	WOODWORTH ST PAULS LUTHERAN CHURCH SPIRE	400874	1057
92	ST JOHNS LUTHERAN CHURCH SPIRE	400874	1053
93	MILFORD CANNING CO WATER TANK	400874	1051
94	MILFORD MUNICIPAL WATER TANK	400874	1052
95	CISSNA PARK CO OP GRAIN COAL CO ELEVATOR	400874	1046
96	CISSNA PARK MUNICIPAL WATER TANK	400874	1047
97	WATESKA UARCO WATER TANK	400874	1056
98	AMBIA MUNICIPAL WATER TANK	400873	1028
99	ROSSVILLE MUNICIPAL STANDPIPE	400873	1034
100	DUNNINGTON ST MARYS CATHOLIC CHURCH SPIRE	400871	1047
101	EARL PARK ST JOHN THE BAPT CATH CH NE DOME	400871	1048

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
101	EARL PARK ST JOHN THE BAPT CATH CH SW DOME	400871	1049
102	BENCH MARK T 122	400871	1011
102	FOWLER ILLINOIS CANNING CO STACK	400871	1050
102	FOWLER MUNICIPAL STANDPIPE	400871	1051
103	ATTICA RADIO STATION KSD 207 MAST	400872	1029
104	OTTERHEIN MUNICIPAL WATER TANK	400872	1031
105	GOODLAND SS PETER PAULS CATH CHURCH SPIRE	400871	1052
106	WOLCOTT MUNICIPAL WATER TANK	400871	1062
107	REMINGTON MUNICIPAL WATER TOWER	400871	1054
107	REMINGTON SACRED HEART CATH CHURCH SPIRE	400871	1057
109	OTTERBEIN ST CHARLES CATHOLIC CHURCH SPIRE	400872	1032
110	SHELDON ECC	400874	1033
111	BENCH MARK N 16	400871	1042
112	BENCH MARK 22 T USGS	400872	1014
113	TT 18 D USGS	400872	1010
114	BENCH MARK L 97	400877	1006
115	WAHASH	400861	1076
116	ARCADIA JENKINS GLASS CO TANK	400862	1062
117	WILSON MILK CO STACK NEAR SHFRIDAN	400862	1086
118	TIPP C 11 ISHC	400863	1009
119	STOCK	400863	1031
119	STOCK 2	400863	1031
120	COLFAX MUNICIPAL TANK	400863	1040
121	INDIANAPOLIS CHICAGO AIRWAY BN NO 14	400863	1050
122	BENCH MARK DN VIL	400873	1026
123	DANVILLE C AND E I R R SHOPS STACK	400873	1029
124	DANFORTH MUNICIPAL WATER TANK	400874	1066
125	CHEBANSE MARY AND JOSEPH CATH CH SPIRE	400874	1067