



Base prepared by the Army Map Service (ASPM), Corp of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from Nebraska, 1:24,000, C.S.; 1946-47, South Dakota, 1:25,000, USGS; Elk Point, 1889. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS, and CE. Photographic fields annotated 1955.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
— NEBRASKA NORTH — IOWA NORTH — S. DAKOTA SOUTH

HORIZONTAL CONTROL
Monumented Point - First Order
Monumented Point - Second Order
Monumented Point - Third Order
Locate 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 Levelling Third Order

VERTICAL CONTROL
First Order
Second Order
Third Order

Coast & Geodetic Survey
Geological Survey

Coast & Geodetic Survey
Geological Survey

STATE SURVEY CONTROL
Horizontal or Vertical

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
TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

LEGEND ROAD DATA 1955
ROADS
Standard Edge
Narrow Edge
BOUNDARIES
International
County
Park or Reservation

LOCATION DIAGRAM NK 14-6

MINN.	MINN.	MINN.
NEBR.	NEBR.	NEBR.
NEBR.	NEBR.	NEBR.
NEBR.	NEBR.	NEBR.

INDEX TO COUNTY BOUNDARIES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
42 097 4	42 097 1	42 096 4	42 096 1																	
42 097 3	42 097 2	42 096 3	42 096 2																	

INDEX TO COUNTY BOUNDARIES

11	10	9	8	7	6	5	4	3	2	1
344	343	342	341	340	339	338	337	336	335	334
314	313	312	311	310	309	308	307	306	305	304
283	282	281	280	279	278	277	276	275	274	273
251	250	249	248	247	246	245	244	243	242	241

ORDER CONTROL DATA IN RED 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.

USCGM-GS-DC A-5028

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
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INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

Page 1
 QUADS 420961-2-3-4 & 420971-2-3-4
 IOWA-NEBR-S DAK
 LATITUDE 42°00' TO 43°00'
 LONGITUDE 96°00' TO 98°00'
 DIAGRAM NK 14-6 SIOUX CITY

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	BENCH MARK D 154	420961	1008	24	SIOUX CITY MORNINGSIDE ADD JR HI SCH STK	420962	1055
1	HAWARDEN	420961	1008	25	MOVILLE MUNICIPAL WATER TANK	420962	1036
2	LE MARS MUNICIPAL WATER TANK	420961	1028	26	OMAHA SIOUX FALLS AMBER 4 AWY BCN NO 5	420962	1037
3	NO 79 IOWA GEODETIC SURVEY	420961	1021	27	OMAHA SIOUX FALLS AMBER 4 AWY BCN NO 6	420962	1038
3	NO 79 RESET IOWA GEODETIC SURVEY	420961	1021	28	ONAWA MONONA COUNTY COURTHOUSE STEEPLE	420962	1039
4	ALTON ST MARYS CATH CHURCH EAST SPIRE	420961	1024	29	ONAWA MUNICIPAL WATER TANK	420962	1040
4	ALTON ST MARYS CATH CHURCH WEST SPIRE	420961	1025	30	RADIO RANGE TRANSMITTER KEOD CEN OF 7	420962	1041
5	LE MARS IOWA LIGHT CO ABAN STACK CEN	420961	1027	31	SALIX MUNICIPAL WATER TANK	420962	1042
5	LE MARS ST JOSEPH CATHOLIC CHURCH SPIRE	420961	1029	32	SIOUX CITY ARMOUR PACKING CO STACK CEN	420962	1044
7	LEEDS STATION MUNICIPAL WATER TANK	420961	1031	33	SIOUX CITY CUDAHY PACK CO STACK CEN	420962	1045
8	OMAHA BISMARCK AWY BCN 9 AWY BCN 11A	420961	1033	33	SIOUX CITY SWIFT PACKING CO WATER TANK	420962	1060
9	SIOUX CITY BRIAR CLIFF COLL STACK	420961	1034	34	SIOUX CITY MORNINGSIDE ADD MUNI TANK	420962	1056
10	SIOUX CITY CEN HIGH SCH TOP OF CUPOLA	420961	1035	35	WOODBURY COUNTY POOR FARM WATER TANK	420962	1064
11	SIOUX CITY MAIN ST PUMP STA STACK	420961	1036	36	WINNEBAGO 2 MORC	420962	1003
12	SIOUX CITY N JR HIGH SCH STACK	420961	1037	37	DAKOTA	420962	1006
13	SIOUX CITY ST ANTHONYS ORPH STACK	420961	1039	37	DAKOTA CITY KTRI RADIO MAST N OF 4	420962	1008
14	SIOUX CITY ST BONIFACE CATH CH SPIRE	420961	1040	37	DAKOTA CITY KTRI RADIO MAST 2ND OF 4	420962	1009
15	SIOUX CITY MUNI AIRPORT CONTROL TOWER	420962	1057	37	DAKOTA CITY KTRI RADIO MAST 3RD OF 4	420962	1010
16	GRANT MORC	420962	1020	37	DAKOTA CITY KTRI RADIO MAST S OF 4	420962	1011
17	SIOUX CITY FLOYD MONUMENT TIP OF SHAFT	420962	1047	38	BLACK BIRD MORC	420962	1007
18	ONAWA AZIMUTH MARK	420962	1027	39	DAKOTA CITY KWSR RADIO MAST	420962	1012
18	ONAWA R M NO 3	420962	1027	40	DAKOTA CITY MUNICIPAL WATER TANK	420962	1013
19	PROSPECT	420962	1028	41	SOUTH SIOUX CITY MUNICIPAL WATER TANK	420962	1014
19	SIOUX CITY KSCJ FM RADIO MAST	420962	1050	42	ROUND CAP MORC	420963	1007
19	SIOUX CITY KSCJ NORTH RADIO MAST	420962	1052	43	TRILOBA MORC	420964	1036
19	SIOUX CITY KSCJ SOUTH RADIO MAST	420962	1053	44	RIVERSIDE GAS ELECTRIC CO STACK	420961	1038
20	SARGEANTS MORC	420962	1030	44	SIOUX CITY MAGNETIC STA	420961	1001
20	SERGEANT BLUFF MUNICIPAL WATER TANK	420962	1043	44	SIOUX POINT	420961	1001
21	WHITING MUNICIPAL WATER TANK	420962	1063	45	VERMILLION FIRST CONGREGATIONAL CH CUPOLA	420964	1025
22	SIOUX CITY GAS ELECTRIC CO ELEC PLANT STACK	420962	1048	45	VERMILLION MAGNETIC STATION	420964	1016
22	SIOUX CTY MOORE GRCRY CO BSE FP TOP WTR TNK	420962	1054	45	VERMILLION UNIV OF SOUTH DAKOTA CUPOLA	420964	1028
22	SIOUX CITY SERVICE CO STACK CENTER	420962	1058	45	VERMILLION UNIV OF SOUTH DAKOTA STACK	420964	1029
22	SIOUX CITY WOODBURY CO CRTHSE FLAGPOLE	420962	1061	45	VERMILLION UNIV OF SOUTH DAKOTA TANK	420964	1030
23	SIOUX CITY FIRST LUTHERAN CHURCH SPIRE	420962	1046	46	ELK POINT ST JOSEPHS CATHOLIC CHURCH CROSS	420964	1022
23	SIOUX CITY GAS ELECTRIC CO POW PLANT STACK	420962	1049	47	JEFFERSON ST PETERS CATHOLIC CHURCH STEEPLE	420964	1024
23	SIOUX CITY KTRI RADIO MAST	420962	1051	48	JEFFERSON MUNICIPAL TANK	420964	1023
23	SIOUX CITY SWEDISH LUTHERAN CH SPIRE	420962	1059	49	VERMILLION MUNICIPAL LIGHT AND POWER STACK	420964	1026
				49	VERMILLION TANK	420964	1027
				50	COLLEGE	420971	1001
				50	YANKTON MAGNETIC	420971	1001

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 LATITUDE 42°00' TO 43°00'
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 DIAGRAM NK 14-6 SIOUX CITY

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
50	YANKTON YANKTON COLLEGE FORBES HALL STEEPLE	420971	1026
50	YANKTON YANKTON COLLEGE MUSIC HALL STEEPLE	420971	1027
51	OHLMAN MORC	420971	1002
52	RADIO STATION WNAX RADIO MAST MIDDLE OF 3	420971	1010
52	RADIO STATION WNAX RADIO MAST SHORTEST OF 3	420971	1011
52	RADIO STATION WNAX RADIO MAST TALLEST OF 3	420971	1012
53	STATE HOSPITAL STACK NEAR YANKTON	420971	1013
53	STATE HOSPITAL WATER TANK NEAR YANKTON	420971	1014
54	UTICA MUNICIPAL WATER TANK	420971	1016
55	YANKTON YANKTON COLLEGE POWER PLANT STACK	420971	1028
56	YANKTON COUNTY COURTHOUSE CLOCK TOWER	420971	1025
56	YANKTON NASH FINCH CO STACK	420971	1018
56	YANKTON NEW ENGLAND DISTILLING CO STACK	420971	1019
56	YANKTON SACRED HEART CATHOLIC CH STEEPLE	420971	1020
56	YANKTON SACRED HEART HOSP CONVENT STACK	420971	1021
56	YANKTON SACRED HEART HOSP CONVENT STEEPLE	420971	1022
57	YANKTON MUNICIPAL WATER TANK	420971	1017
57	YANKTON SACRED HEART HOSP POW PLANT STACK	420971	1023
57	YANKTON SACRED HEART HOSPITAL WATER TANK	420971	1024
58	COVELL MORC	420974	1002
58	FIELD	420974	1004
59	KELLY MORC	420974	1005
60	STANAGE	420974	1010
61	RUNNING WATER NORTH BASE MORC	420974	1013
62	RUNNING WATER SOUTH BASE MORC	420974	1014
63	SPRINGFIELD MUNICIPAL WATER TANK	420974	1015
64	SPRINGFIELD ST MARYS SCHOOL WATER TANK	420974	1016
65	TYNDALL CATHOLIC CHURCH	420974	1018
66	TYNDALL COURTHOUSE CUPOLA POLE	420974	1019
66	TYNDALL COURTHOUSE YARD FLAGSTAFF	420974	1021
67	TYNDALL ELEVATOR	420974	1020
68	LIME CREEK MORC	420971	1034
69	HARTINGTON MUNICIPAL TANK	420971	1043
70	LOST CREEK MORC	420974	1026
71	T33N R5W SECTION 26 W CENTER	420974	1033
72	NORFOLK EAST RADIO TOWER	420972	1021
72	NORFOLK WEST RADIO TOWER	420972	1022
73	WAYNE MAGNETIC	420972	1012
73	WAYNE TANK	420972	1024
74	NORFOLK STATE HOSP FOR INSANE STACK	420972	1019

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
74	NORFOLK STATE HOSP FOR INSANE STANDPIPE	420972	1020
75	WAYNE STATE TEACHERS COLLEGE TANK	420972	1023