

Base prepared by the Army Map Service (AMTS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS and CE. Aerial photography 1953. Photography field annotated 1953.

HORIZONTAL CONTROL

- Coast & Geodetic Survey  
 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 from one end only  
 Measured Length - Electronic or Taped  
 Theodolite Traverse - Electronic Third Order  
 Transit Traverse - Taped Distance Third Order  
 Transit Traverse and Leveling Third Order

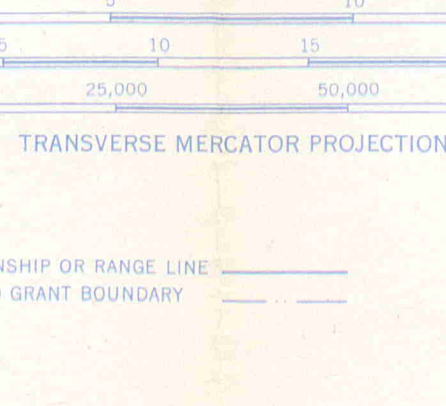
VERTICAL CONTROL

- Coast & Geodetic Survey  
 Geodetic Survey  
 First Order  
 Second Order  
 Third Order

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

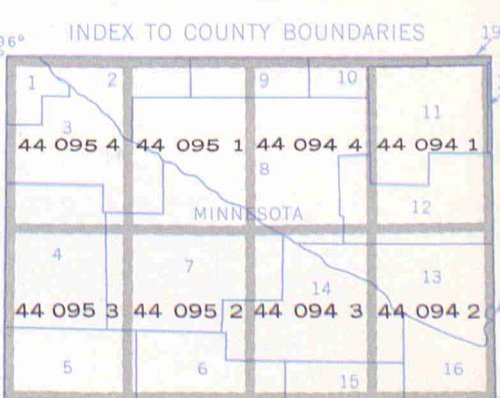
TRANSVERSE MERCATOR PROJECTION



LEGEND ROAD DATA 1953

- 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  
 Trail
- RAILROADS  
 Single track  
 Double or Multiple  
 Standard gauge  
 Narrow gauge
- BOUNDARIES  
 International  
 State  
 County  
 Park or reservation
- Landmarks: School; Church; Other  
 Horizontal control point  
 Spot elevation in feet  
 Marsh or swamp  
 Intermittent or dry stream  
 Power line

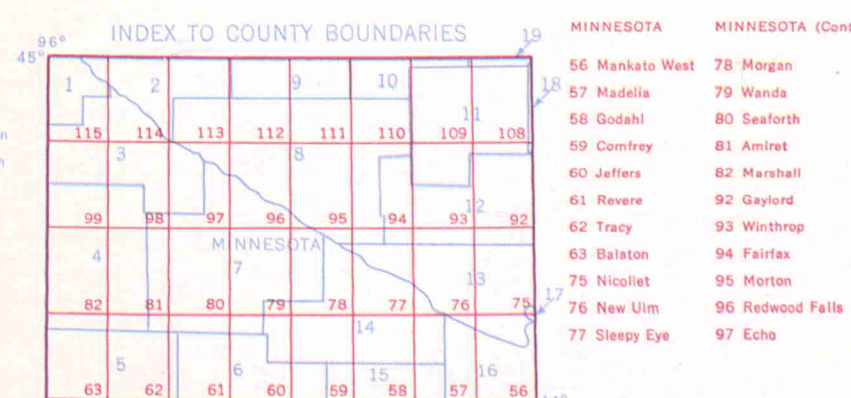
COAST AND GEODETIC SURVEY  
THIRTY MINUTE QUADRANGLE DESIGNATION



COUNTY DESIGNATIONS

- 1 Lac Qui Parle
- 2 Chippewa
- 3 Yellow Medicine
- 4 Lyon
- 5 Murray
- 6 Cottonwood
- 7 Redwood
- 8 Hennepin
- 9 Kandiyohi
- 10 Mower
- 11 McLeod
- 12 Sibley
- 13 Nicollet
- 14 Brown
- 15 Washington
- 16 Blue Earth
- 17 Le Sueur
- 18 Carver
- 19 Wright
- 20 Mower

GEOLOGICAL SURVEY  
FIFTEEN MINUTE QUADRANGLE DESIGNATION



- 56 Maskadokee
- 57 Madelia
- 58 Goodhue
- 59 Comfrey
- 60 Jefferson
- 61 Revere
- 62 Tracy
- 63 Clayton
- 64 Tracy
- 65 Tracy
- 66 Marshall
- 67 Marshall
- 68 Marshall
- 69 Comfrey
- 70 Comfrey
- 71 Comfrey
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- 95 Comfrey
- 96 Comfrey
- 97 Comfrey

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.

NEW ULM, MINNESOTA (NL 15-10)  
JULY 1963

U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 WASHINGTON, D. C.  
 FORM - 6471 (1-63)  
 DATE SEP 1963

# INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the  
 Coast and Geodetic Survey

QUADS 440941-2-3-4 & 440951-2-3-4  
 MINN  
 LATITUDE 44°00' TO 45°00'  
 LONGITUDE 94°00' TO 96°00'  
 DIAGRAM NL 15-10 NEW ULM

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	GLENCOE MUNICIPAL WATER TANK	440941	1028	29	SACRED HEART MUNICIPAL WATER TANK	440951	1039
1	GLENCOE NEW MUN WATER TANK	440941	1029	29	SACRED HEART OUR SAVIOURS LUTH CH SPIRE	440951	1040
2	ARLINGTON MUNICIPAL WATER TANK	440941	1019	29	SACRED HEART SWEDISH LUTH CH SPIRE	440951	1041
3	BROWNTON MUNICIPAL WATER TANK	440941	1021	30	BLOMKEST CARGILL GRAIN ELEVATOR VENT	440951	1018
4	GAYLORD LUTHERAN CHURCH SPIRE	440941	1022	31	BLOMKEST FARMERS ELEVATOR VENTILATOR	440951	1019
4	GAYLORD MUNICIPAL WATER TANK	440941	1023	32	PRINSBURG CHRISTIAN REFORM CHURCH SPIRE	440951	1024
5	GLENCOE FIRST EVANGELICAL LUTH CH SPIRE	440941	1024	33	PRINSBURG FARMERS ELEVATOR EAST VENT	440951	1025
6	GLENCOE GREEN GIANT CO RADIO MAST	440941	1025	34	REDWOOD FALLS FIRST PRESBY CHURCH SPIRE	440951	1026
7	GLENCOE GREEN GIANT CO STACK	440941	1026	34	REDWOOD FALLS METHODIST CHURCH SPIRE	440951	1028
7	GLENCOE GREEN GIANT CO WATER TANK	440941	1027	34	REDWOOD FALLS REDWOOD COUNTY CH TALL SPIRE	440951	1030
8	GLENCOE ST JOHNS CATHOLIC CHURCH CROSS	440941	1030	34	RENNIC	440943	1006
9	GLENCOE STS PETER + PAUL GER CATH CH CROSS	440941	1031	35	RENVILLE FARMERS COOP ELEVATOR LIGHT	440951	1031
10	GREEN ISLE MUNICIPAL WATER TANK	440941	1032	36	RENVILLE FIRST LUTHERAN CHURCH FINIAL	440951	1032
10	GREEN ISLE ST BERNARD CATH CH CROSS	440941	1033	36	RENVILLE FIRST METHODIST CHURCH SPIRE	440951	1033
11	LESTER PRAIRIE MUN WATER TANK	440941	1038	36	RENVILLE MUNICIPAL WATER TANK	440951	1034
12	PLATO MUN WATER TANK	440941	1041	36	RENVILLE ST JOHNS LUTHERAN CHURCH FINIAL	440951	1035
12	PLATO DEUTSCH EVANG ST PAULUS KIRCHE CROSS	440941	1040	37	ROSELAND VICTORIA ELEV CENTER LIGHT ROD	440951	1037
13	STEWART LUTHERAN CHURCH SPIRE	440941	1044	38	CLARKFIELD MUNICIPAL WATER TANK	440954	1010
14	WINSTED CHURCH OF MOST HOLY TRINITY CROSS	440941	1046	38	CLARKFIELD SWEDISH LUTH CH SPIRE	440954	1011
14	WINSTED MUN WATER TANK	440941	1047	38	CLARKFIELD UNITED NORW LUTH CH SPIRE	440954	1012
15	WINTHROP SWEDISH FIRST LUTH SPIRE	440941	1049	39	GRANITE FALLS NORTHWESTERN POWER STACK	440954	1014
16	BUFFALO LAKE LUTHERAN CURCH SPIRE	440944	1023	40	MONTEVIDEO OUR SAVIORS LUTH CH CROSS	440954	1017
16	BUFFALO LAKE MUNICIPAL WATER TANK	440944	1004	40	MONTEVIDEO ST PAULS LUTHERAN CH SPIRE	440954	1018
17	OLIVIA MAGNETIC STATION	440944	1012	40	MONTEVIDEO TANK	440954	1019
17	OLIVIA MUN WATER TANK 1934	440944	1031	41	BROWNTON METHODIST CHURCH SPIRE	440941	1020
17	OLIVIA MUNICIPAL WATER TANK 1954	440944	1030	41	LESTER PRAIRIE ST PETERS CHURCH SPIRE	440941	1039
17	OLIVIA ST ALOYSIUS CATH CH BELL TOWER	440944	1032	41	SPIERING	440941	1015
18	BIRD ISLAND MUN WATER TANK 1956	440944	1021				
18	BIRD ISLAND MUNICIPAL WATER TANK 1935	440944	1020				
18	BIRD ISLAND PROMINENT SPIRE	440944	1019				
19	HECTOR MUNICIPAL WATER TANK	440944	1026				
19	HECTOR FARMERS COOP EXCHANGE ELEV VENT	440944	1025				
20	LAKE LILLIAN FARMERS ELEVATOR VENT	440944	1027				
20	LAKE LILLIAN MUN WATER TANK	440944	1028				
21	OLIVIA COUNTY COURTHOUSE DOME	440944	1029				
22	THORP FARMERS UNION GR ELEV CENTER LGHT ROD	440944	1033				
23	NEW ULM HERMANN MONUMENT	440942	1005				
23	NEW ULM MARTIN LUTH SCH DINING HALL SPIRE	440942	1007				
24	NEW ULM HOLY TRINITY CATHOLIC CHURCH CROSS	440942	1006				
25	NEW ULM ST PAULS EVANG LUTH CHURCH SPIRE	440942	1009				
26	DARFUR SVENSKA EVANG LUTHERAN CHURCH CROSS	440943	1011				
27	ST GEORGE CATHOLIC CHURCH SPIRE	440943	1014				
28	SILVER LAKE MUNICIPAL WATER TANK	440941	1043				
28	SLEEPY EYE FLOUR MILL STACK	440943	1016				
29	SACRED HEART FIRST ENGLISH LUTH CH SPIRE	440951	1038				