

Base prepared by the Army Map Service (ASCT), Corps of Engineers, U.S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from National Topographic Series, 1:250,000, Canada Department of Mines and Resources, Sheet 52-C, 1948. Horizontal and vertical control by USCGS, USGS, USFS, and IBC. Photography field annotated in 1954.

HORIZONTAL CONTROL

- Coast & Geodetic Survey**
- 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 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

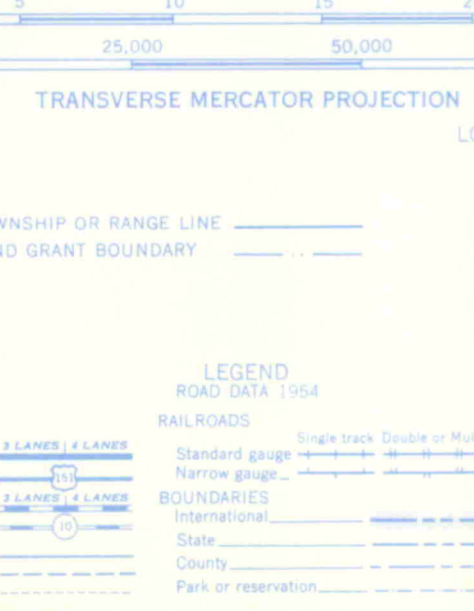
VERTICAL CONTROL

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

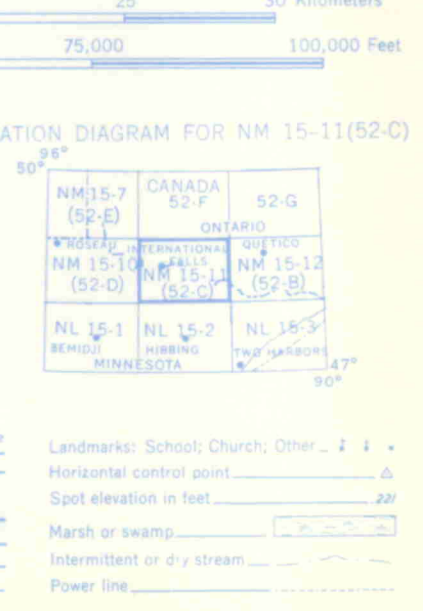
SECTIONIZED TOWNSHIP

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

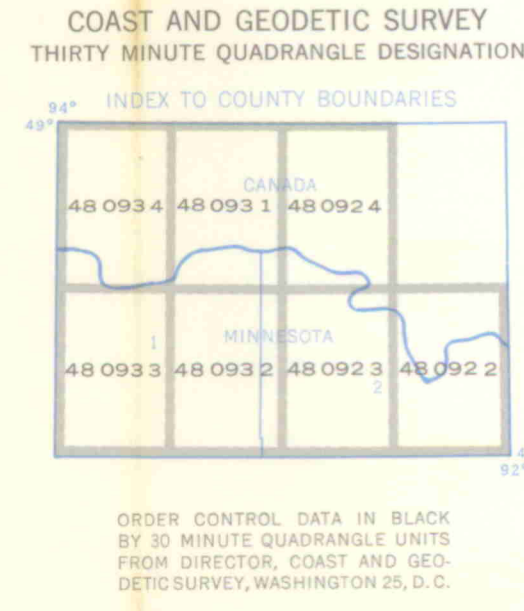
TRANSVERSE MERCATOR PROJECTION



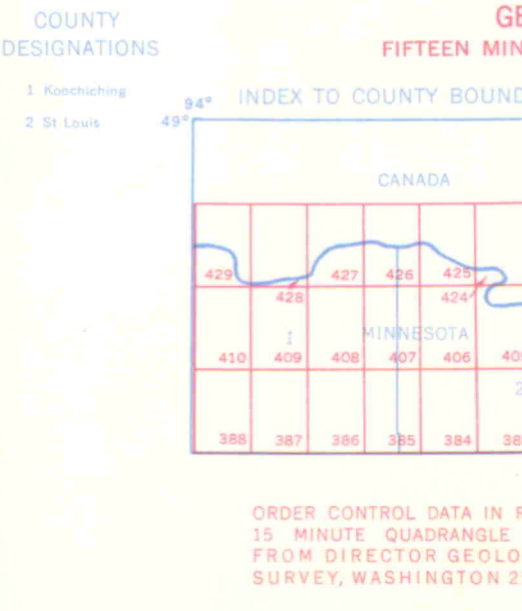
INDEX TO COUNTY BOUNDARIES



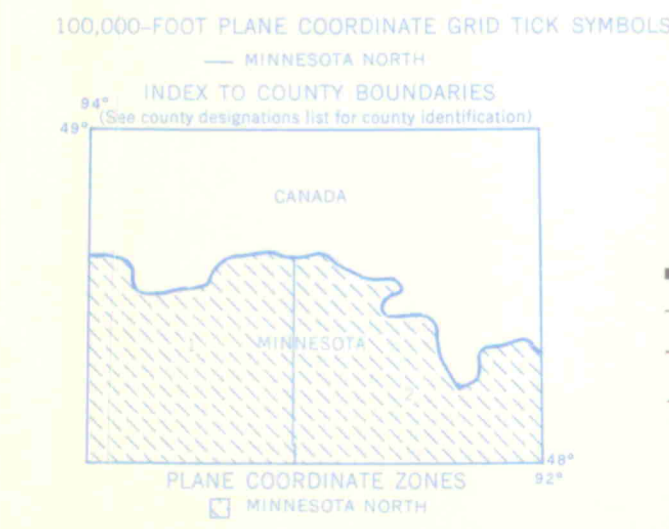
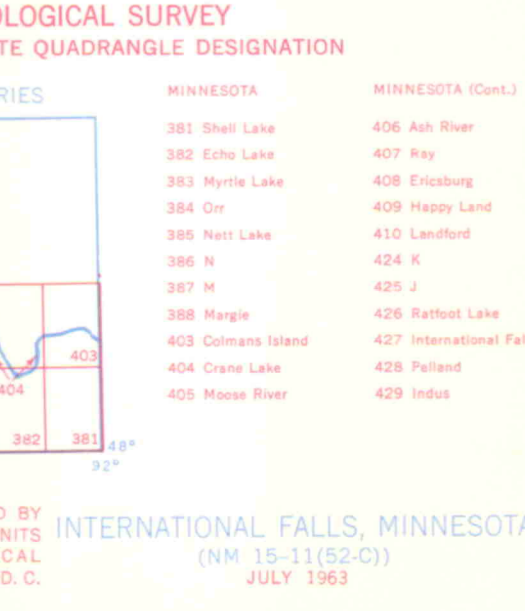
COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION



COUNTY DESIGNATIONS



GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION



ORDER CONTROL DATA IN BLACK BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, COAST AND GEOD. SURVEY, WASHINGTON 25, D. C.

ORDER CONTROL DATA IN RED BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

INTERNATIONAL FALLS, MINNESOTA (NM 15-11(82-C)) 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 480921-2-3-4 & 480931-2-3-4
MINN-CANADA
LATITUDE 48°00' TO 49°00'
LONGITUDE 92°00' TO 94°00'
DIAGRAM NM15-11 INTERNATIONAL FALLS

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	RAINY LAKE 37 IBC WATER	480931	1004
2	NAMAKAN WEST BASE CANADA	480923	1015
3	BIG FALLS RADIO STATION KAW 25 MAST	480933	1012
4	BIG FALLS MUNICIPAL WATER TANK	480933	1011
5	BIG FALLS RADIO STATION KAA 220 MAST	480933	1013

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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