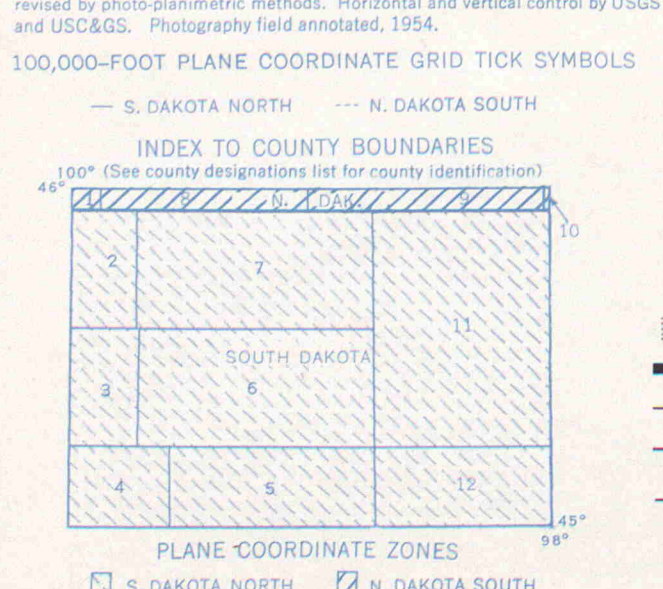


Base prepared by the Army Map Service (BEAM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods and from South Dakota, 1:24,000, USGS; Onaka, Clark Lake, Horrocks, Weverka, Onaka SW, Burkmore, Faulkton West, Faulkton East, 1950. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS and USC&GS. Photography field annotated, 1954.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS



HORIZONTAL CONTROL

- Coast & 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
 - 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
- Geological Survey
 - ▲
 -

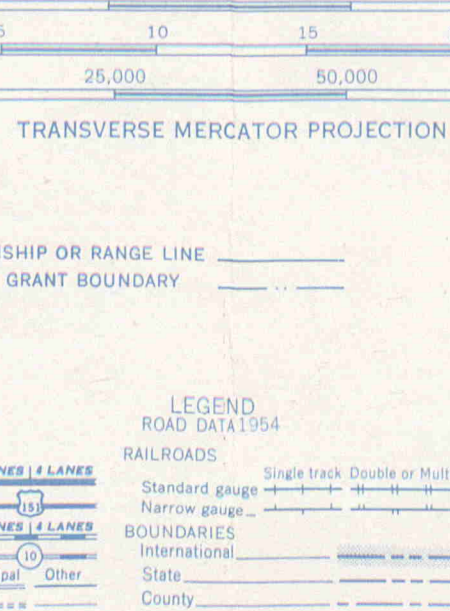
VERTICAL CONTROL

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

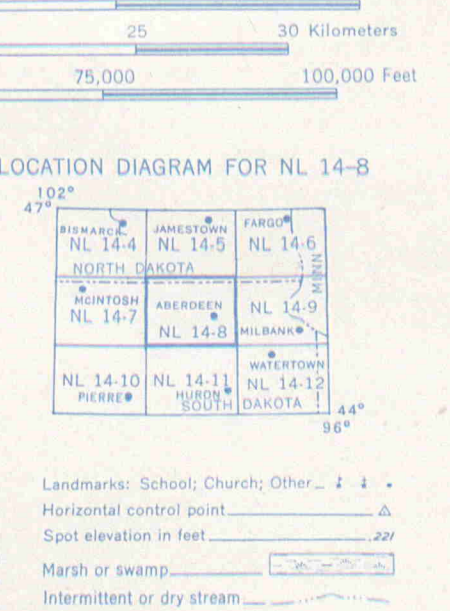
SECTIONIZED TOWNSHIP

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



LOCATION DIAGRAM FOR NL 14-8



COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

100°	99°	98°	97°	96°
45 099	4 45 099	1 45 098	4 45 098	1 45 098
3	SOUTH DAKOTA	6	SOUTH DAKOTA	2
45 099	3 45 099	2 45 098	3 45 098	2 45 098
4	5	12		
100°	99°	98°	97°	96°

INDEX TO COUNTY BOUNDARIES

100°	99°	98°	97°	96°
45 099	4 45 099	1 45 098	4 45 098	1 45 098
3	SOUTH DAKOTA	6	SOUTH DAKOTA	2
45 099	3 45 099	2 45 098	3 45 098	2 45 098
4	5	12		
100°	99°	98°	97°	96°

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

100°	99°	98°	97°	96°
378	377	376	375	374
378	377	376	375	374
378	377	376	375	374
378	377	376	375	374
100°	99°	98°	97°	96°

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.

ABERDEEN, SOUTH DAKOTA; NORTH DAKOTA (NL 14-8) JULY 1962 REPRINTED

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 COAST AND GEODETIC SURVEY
 WASHINGTON D.C.

INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS
 by the
 Coast and Geodetic Survey

QUADS 450981-2-3-4 & 450991-2-3-4
 S DAK
 LATITUDE 45°00' TO 46°00'
 LONGITUDE 98°00' TO 100°00'
 DIAGRAM NL 14-8 ABERDEEN

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1.	BOUNDARY MILKPOST 155 ECCENTRIC		
2.	ZEEELAND, HOFFENSTOFF REFORM CHURCH, SPIRE		
3.	ZEEELAND, ST ANDREWS CATHOLIC CHURCH, CROSS ZEEELAND, GERMAN LUTHERAN CHURCH, CROSS		
4.	ABERDEEN, COUNTY COURTHOUSE, DOME		
5.	ABERDEEN, EPISCOPAL CHURCH, SPIRE		
6.	ABERDEEN, MUNICIPAL WATER TANK ABERDEEN, NORTHERN NORMAL & INDUSTRIAL SCHOOL CAMPUS, WHITE CEMENT STACK		
7.			
8.	ABERDEEN, SIKBRECHT FLORIST CO, HEATING PLANT, STACK		
9.	ST JOHNS EVANGELICAL LUTHERAN CHURCH, SPIRE		
10.	WARNER, SCHOOLHOUSE, SQUARE RED BRICK STACK		
11.	MANSFIELD, PRESBYTERIAN CHURCH, SPIRE		
12.	MELLETTTE, GRADE SCHOOL, STACK		
13.	NORTHVILLE, HIGH SCHOOL DOME, FLAGPOLE		
14.	FAULKTON, MUNICIPAL TANK		
15.	GETTYSBURG GETTYSBURG 2 GETTYSBURG, MUNICIPAL TANK BM R 68		
16.	GETTYSBURG, SACRED HEART CATHOLIC CHURCH, CROSS		
17.	FAULKTON, ST THOMAS CATHOLIC CHURCH, CROSS FAULKTON, COUNTY COURTHOUSE, FINIAL		

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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