



Base prepared by the Army Map Service (BETI), Corps of Engineers, U.S. Army, Washington, D. C. Computed by 1954 by photogrammetric methods. Aerial photography 1952. Horizontal and vertical control by USC&GS and USGS. Photography field annotated 1953.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

- S. DAKOTA NORTH
- S. DAKOTA SOUTH

INDEX TO COUNTY BOUNDARIES

98° (See county designations list for county identification)

PLANE COORDINATE ZONES

- S. DAKOTA NORTH
- MINNESOTA SOUTH
- S. DAKOTA SOUTH

HORIZONTAL CONTROL

- 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

VERTICAL CONTROL

- First Order
- Second Order
- Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

COAST & GEODETIC SURVEY

- Standard gauge
- Narrow gauge
- Intermittent or dry stream
- Power line

COAST AND GEODETIC SURVEY

THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

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44 097 4	44 097 1	44 096 4	44 096 1						
44 097 3	44 097 2	44 096 3	44 096 2						
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ORDER CONTROL DATA IN BLACK BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C.

GEOLOGICAL SURVEY

FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

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

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WATERTOWN, SOUTH DAKOTA; MINNESOTA (NL 14-12)
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INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS
 by the
 Coast and Geodetic Survey

QUADS 440961-2-3-4 & 440971-2-3-4
 MINN-S DAK
 LATITUDE 44°00' TO 45°00'
 LONGITUDE 96°00' TO 98°00'
 DIAGRAM NL 14-12 WATERTOWN

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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1. DAWSON, PUBLIC SCHOOL, CUPOLA
2. HOWARD, ELEVATOR, CENTER
3. OLDHAM, SCHOOLHOUSE, GOLDEN DOME
 OLDHAM, SMALL SHARP SPIRE
 OLDHAM, HIGHEST SPIRE, SQUARE BASE
4. DANISH, LUTHERAN CHURCH, SPIRE
5. WATERTOWN, TRINITY CHURCH, SPIRE
 WATERTOWN, CITY HALL, CLOCK TOWER
 WATERTOWN, COURTHOUSE SPIRE
 WATERTOWN, METHODIST CHURCH, SPIRE
 WATERTOWN, STOKES BUILDING, DOME
6. CRANE
 AUXILIARY STATION NEAR CRANE
 T107N, R54W, SEC 21, SE QUARTER, SW CORNER
7. T112N, R54W, SEC 26, NW CORNER
8. T117N, R51W, SEC 34, SW CORNER
9. LAKE PRESTON, FLOUR MILL SMOKE STACK
10. PIPESTONE INDIAN SCHOOL, WATER TANK
 PIPESTONE MAGNETIC STATION
11. ELKTON, MUNICIPAL WATER TANK FINIAL
 ELKTON, ST. MARYS CATHOLIC CHURCH SPIRE
12. CLARK, GRADE SCHOOL, FLAGSTAFF
 CLARK, MUNICIPAL TANK
 CLARK, COUNTY COURTHOUSE (OLD)
 BM H 58
13. WATERTOWN, PUBLIC SERVICE POWER PLANT, STACK
14. WATERTOWN, FIRST CONGREGATIONAL CHURCH, BELFRY
 WATERTOWN, FIRST BAPTIST CHURCH, SPIRE
 WATERTOWN, IMMACULATE CONCEPTION CATHOLIC CHURCH, BELFRY
15. WATERTOWN, MUNICIPAL POWER & LIGHT CO., STACK
16. HERMAN
17. MADISON, MUNICIPAL WATER TANK
18. BROOKINGS, MUNICIPAL WATER TANK
19. BROOKINGS, MUNICIPAL POWER PLANT, STACK
20. BROOKINGS, STATE COLLEGE, COUGHLIN CAMPANILE, FINIAL
 BROOKINGS, STATE COLLEGE, POWER PLANT STACK
21. BROOKINGS, STATE COLLEGE, WATER TANK
22. CLARK, BUREAU OF RECLAMATION SHORTWAVE RADIO, MAST
23. HOWARD, ASTRONOMIC STATION
 HOWARD, METHODIST CHURCH, SPIRE
 HOWARD, CATHOLIC CHURCH, SPIRE
 HOWARD, CONGREGATIONAL CHURCH, SPIRE
 HOWARD, COURTHOUSE DOME
24. RAMONA, LOW DOME
 RAMONA, ST WILLIAMS CATHOLIC CHURCH, STEEPLE
25. GERMAN LUTHERAN CHURCH, SQUARE BASE, OCTAGONAL TOP
26. WENLO, ST JOHN CANTIUS CHURCH, NORTH SPIRE
 WENLO, ST JOHN CANTIUS CHURCH, SOUTH SPIRE
27. TYLER, DANISH LUTHERAN CHURCH, SPIRE
 TYLER, DANISH LUTHERAN BIBLE SCHOOL, SPIRE