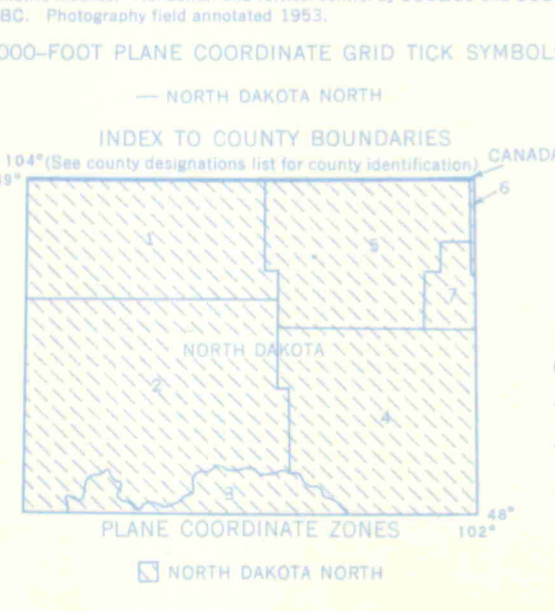


Base prepared by the Army Map Service (AMSS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States Quadrangles, 1:24,000, U.S.G.S., 1947-48, North Dakota, 1:25,000, G.S. 1949. Photometric detail revised by photo-grammetric methods. Horizontal and vertical control by U.S.C. & G.S. and 1955 and 1956. Photography field annotated 1953.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS



**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

**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**

- RAILROADS: Standard gauge, Single track, Double or Multiple track
- ROAD DATA 1953: Standard gauge, Narrow gauge, More than two lanes wide, Two lanes wide, State route marker, Improved light duty, Unimproved dirt, T.W.
- BOUNDARIES: International, State, County, Park or reservation
- LANDMARKS: School, Church, Other, Horizontal control point, Spot elevation in feet, Bench or water, International or dry stream, Power line

**COAST AND GEODETIC SURVEY**  
THIRTY MINUTE QUADRANGLE DESIGNATION

**GEOLOGICAL SURVEY**  
FIFTEEN MINUTE QUADRANGLE DESIGNATION

**INDEX TO COUNTY BOUNDARIES**

**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.**

**INDEX TO COUNTY BOUNDARIES**

**LEGEND**

- 1. Grid
- 2. Williams
- 3. McPherson
- 4. McPherson
- 5. Steele
- 6. McPherson
- 7. Wall

**LEGEND**

- 1. Grid
- 2. Williams
- 3. McPherson
- 4. McPherson
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**LEGEND**

- 1. Grid
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U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 WASHINGTON, D. C.  
 FORM - 6471 (1-63)  
 DATE MAR 1963, REV JAN 1964

# INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the  
 Coast and Geodetic Survey

QUADS 481021-2-3-4 & 481031-2-3-4  
 N DAK-CANADA  
 LATITUDE 48°00' TO 49°30'  
 LONGITUDE 102°00' TO 104°00'  
 DIAGRAM NM-13-12 WILLISTON

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	AMBROSE WEST BASE (IBC)			23	SOURIS RIVER TELEPHONE CO, MICROWAVE MAST, 7 MILES SW OF COTEAU		
2	BONETRAILL SCHOOLHOUSE, BELFRY			24	FLAXTON, LUTHERAN CHURCH, BELFRY FLAXTON, MUNICIPAL WATER TANK FLAXTON, UNITED LUTHERAN CHURCH, STEEPLE FLAXTON, SCHOOK (GS OF C)		
3	AMBROSE SCHOOL (GS OF C) AMBROSE, PRESBYTERIAN CHURCH, STEEPLE			25	BOWBELLS, SALEM EVANGELICAL CHURCH, STEEPLE BOWBELLS, MUNICIPAL WATER TANK		
4	WILLISTON (MORC) WILLISTON 2 (B&W)			26	WHITELAKE		
5	WILLISTON, MUNICIPAL WATER TANK						
6	WILLISTON, MONTANA-DAKOTA UTILITIES CO, STACK						
7	WILLISTON, GREAT NORTHERN RAILROAD, POWERHOUSE STACK						
8	RAY, MUNICIPAL WATER TANK RAY, GREAT NORTHERN RR, WATER TANK						
9	BLAISDELL, ST MARGARETS CATHOLIC CHURCH, CROSS						
10	PALERMO, FIRST LUTHERAN CHURCH, STEEPLE						
11	SEE # 24						
12	BOWBELLS, SALEM EVANGELICAL CHURCH, STEEPLE BOWBELLS, MUNICIPAL WATER TANK						
13	NIOBE, ELMDALE LUTHERAN CHURCH, BELFRY						
14	KENMARE, DELAX LAKES FIRE LOOKOUT TOWER						
15	KENMARE, MUNICIPAL WATER TANK						
16	STANLEY, MUNICIPAL WATER TANK STANLEY, COUNTY COURTHOUSE, DOME						
17	STANLEY, EVANGELICAL LUTHERAN CHURCH, STEEPLE						
18	GLO NO 17 (GS OF C)						
19	COLGAN SCHOOL (GS OF C)						
20	LIGNITE, NORWEGIAN FIRST LUTHERAN CHURCH, STEEPLE LIGNITE, HIGH SCHOOL, CHIMNEY LIGNITE, CHURCH (GS OF C)						
21	BELL TELEPHONE CO, N MICROWAVE MAST, 5 MILES S OF ROSS						
22	MEYER BROADCASTING CO, MICROWAVE MAST, 5 MILES S OF ROSS						