

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

This figure is a detailed topographic map of a rugged, mountainous terrain. The map is organized into a grid system with horizontal and vertical coordinates. Key features include:

- Geographical Labels:** SOLEN 3.5 MI, CANNON BALL NW, CANNON BALL SE, FORT YATES 14 MI.
- Coordinates:** Latitude ranges from 46°15' N to 51°30' N; Longitude ranges from 100°45' W to 100°37'30" W.
- Scale:** A scale bar at the bottom indicates distances up to 1960,000 FEET.
- Contour Lines:** Represent elevations, with values ranging from 800 to 2000 feet.
- Streams and Rivers:** Labeled as "Creek" and "Fool Creek".
- Landmarks:** "Gravel Pit", "Beaver Holes", "FORT YATES 14 MI", and several benchmarks (BM 1668, BM 1724, BM 1851, BM 1903).
- Numbered Points:** Numerous points are numbered 1 through 36, often accompanied by small green or blue shaded areas.
- Red Dashed Line:** A prominent red dashed line runs diagonally across the central portion of the map.

Mapped, edited, and published by the Geological Survey  
as part of the Department of the Interior program  
for the development of the Missouri River Basin  
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968  
Polyconic projection. 1927 North American datum

Polyconic projection. 1927 North American datum  
10,000-foot grid based on North Dakota coordinate system, south  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Fine red dashed lines indicate selected fence and field lines where

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This information is unchecked  
Entire area lies within the Standing Rock Indian Reservation

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SCALE 1:24000

1 MILE

1 KILOMETER

1/2

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0

USGS  
Historical File  
Topographic Division

CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

IC NORTH  
F SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20240  
AND BY THE STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20248  
AND BY THE STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

DATUM IS MEAN SEA LEVEL

COMPLIES WITH NATIONAL MAP ACCURACY  
U.S. SURVEY DENVER COLORADO 8

THE WATER COMMISSION, BISMARCK

## G TOPOGRAPHIC MAPS AND SYMBOLS

NORTH DAKOTA

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QUADRANGLE LOCATION

State R

route

22

2225

MAY 6 19

CANNON BALL SW, N. DAK.  
N4615—W10037.5/7.5  
1968

1968

AMG 581010W SERIES VIII