



U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



PENN QUADRANGLE  
NORTH DAKOTA  
7.5-MINUTE SERIES

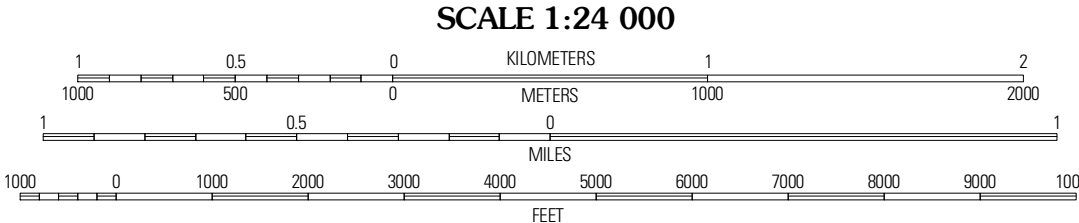


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 14U  
10 000-foot ticks: North Dakota Coordinate System of 1983  
(north zone)

Imagery.....NAIP, August 2009  
Roads.....62006-2010 Tele Atlas  
Names.....GNIS, 2009  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2009

UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

|                                           |
|-------------------------------------------|
| U.S. National Grid<br>100,000-m Square ID |
| MU                                        |
| Grid Zone Designation<br>MU               |



CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is draft version 0.5.11



|                  |               |              |
|------------------|---------------|--------------|
| Churchs Ferry    | Cando SE      | Webster      |
| Tilden           | Penn          | Grand Harbor |
| Minnewaukan East | Graham Island | Camp Grafton |

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

|                  |             |
|------------------|-------------|
| Interstate Route | State Route |
| US Route         | Local Road  |
| Ramp             | 4WD         |

Interstate Route US Route State Route

PENN, ND  
2011