



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



MANITOU QUADRANGLE  
MINNESOTA  
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 15U  
10 000-foot ticks: Minnesota Coordinate System of 1983  
(north zone)

Imagery.....NAIP, June 2009  
Roads.....©2006-2010 Tele Atlas  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 1999

UTM GRID AND 2010 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid  
100,000-m Square ID  
VP  
Grid Zone Designation  
15U

SCALE 1:24 000

1 000 0 1000 2000  
KILOMETERS  
1 000 0 1000 2000  
METERS  
1 000 0 1000 2000  
MILES  
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
FEET

CONTOUR INTERVAL 10 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



|                 |                 |               |
|-----------------|-----------------|---------------|
| Birchdale       | Manitou<br>OE N | Loman<br>OE N |
| Birchdale<br>SE | Manitou         | Loman         |
| Fairland NE     | Lindford<br>NW  | Lindford      |

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route  
US Route  
Ramp  
State Route  
Local Road  
4WD

MANITOU, MN  
2010