



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 16T  
10 000-foot ticks: Michigan Coordinate System of 1983  
(central zone)

Imagery.....NAP, July 2009  
Roads.....©2006-2010 Tele Atlas  
Names.....GNIS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid	100,000m Square ID
FR	920
FQ	

Grid Zone Designation  
18T



QUADRANGLE LOCATION

Charlevoix	Ironton	Bay Shore
Atwood	Ellsworth	Boyer City
Central Lake	Scotts Lake	Chestonia

**ROAD CLASSIFICATION**

Interstate Route	State Route
US Route	Local Road
Ramp	4WD

Interstate Route   
 US Route   
 State Route

CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with version 0.5.10  
of the USGS US Topo Product Standard.  
A metadata file associated with this product is draft version 0.5.16

**ELLSWORTH, MI**  
2011

ADJOINING 7.5 QUADRANGLES