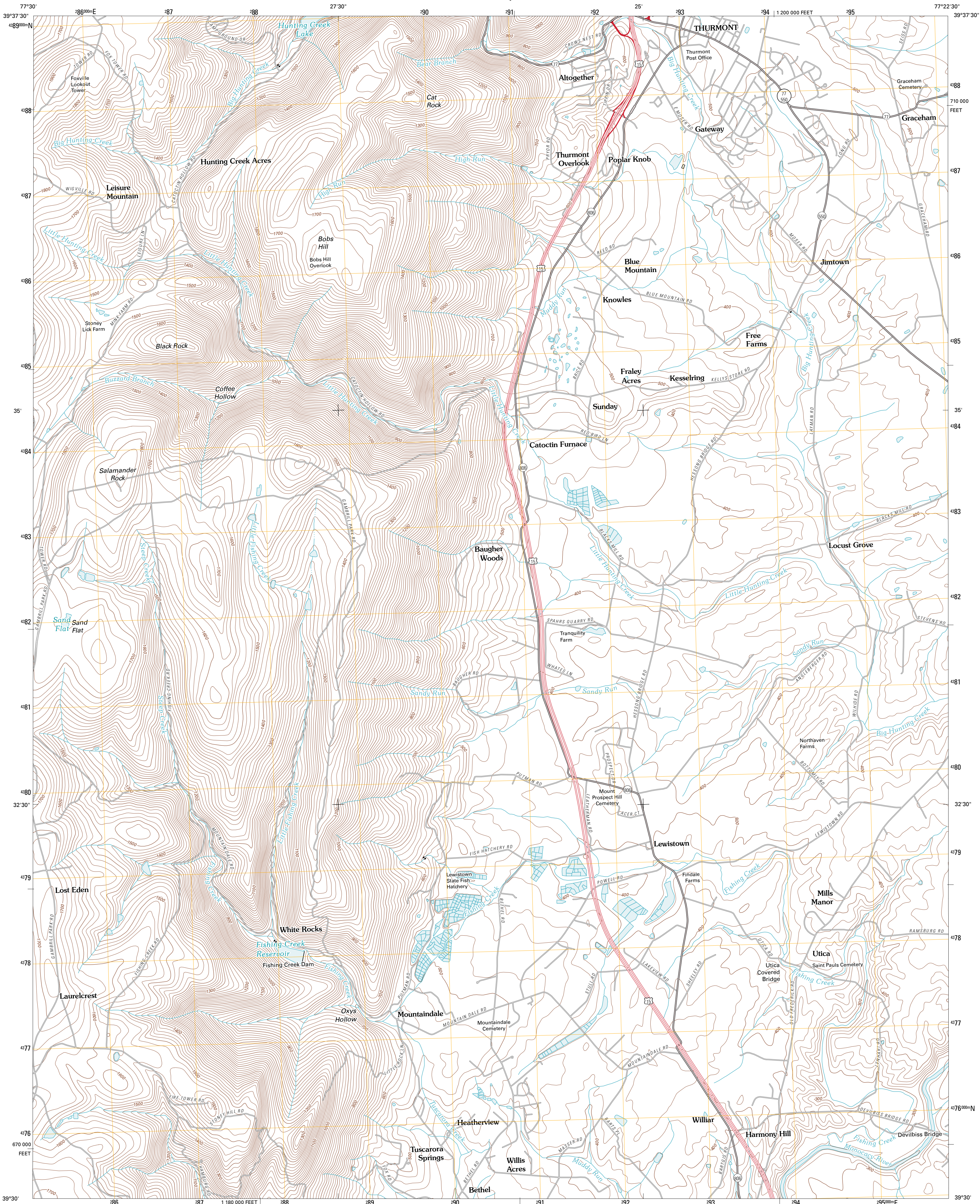




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

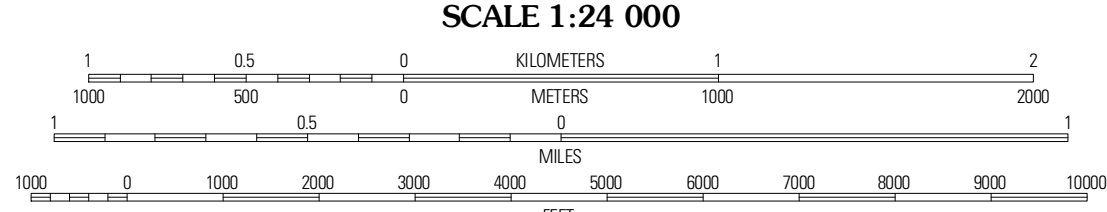
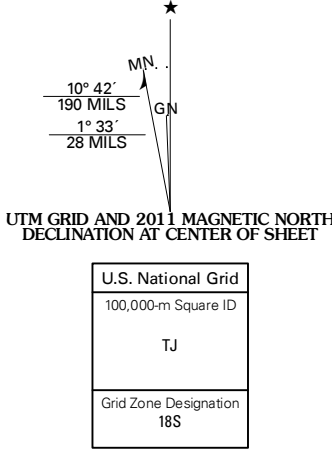


CATOCTIN FURNACE QUADRANGLE  
MARYLAND-FREDERICK CO.  
7.5-MINUTE SERIES



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 18S  
10 000-foot ticks: Maryland Coordinate System of 1983

Imagery.....NAP, June 2009  
Roads.....©2006-2010 Tele Atlas  
Names.....GNS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2001  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010



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 0.5.15



QUADRANGLE LOCATION

|            |                   |              |
|------------|-------------------|--------------|
| Smithsburg | Blue Ridge Summit | Emmitsburg   |
| Myersville | Catoctin Furnace  | Woodboro     |
| Middletown | Fredrick          | Walkersville |

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

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

Interstate Route US Route State Route

CATOCTIN FURNACE, MD  
2011