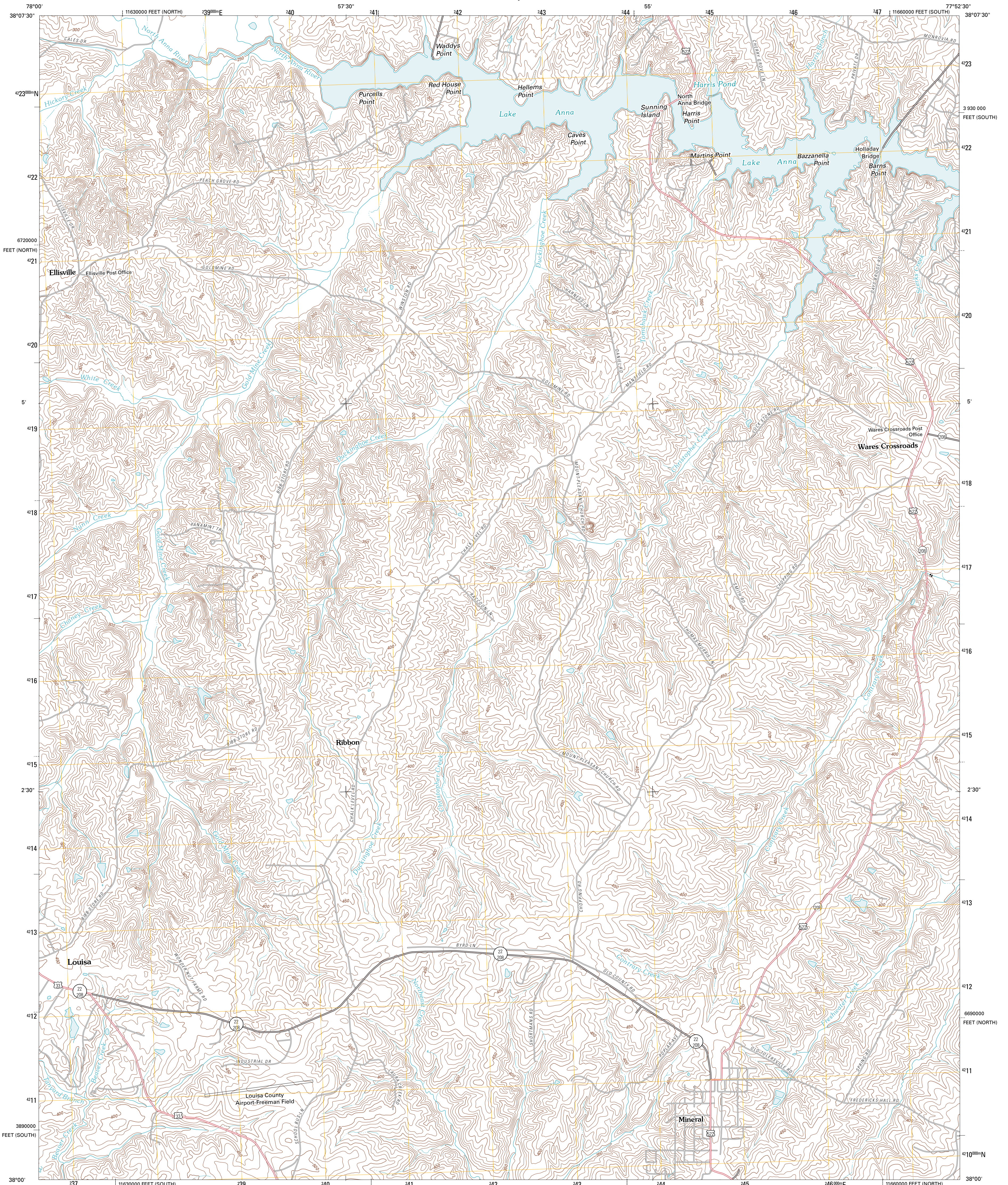




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

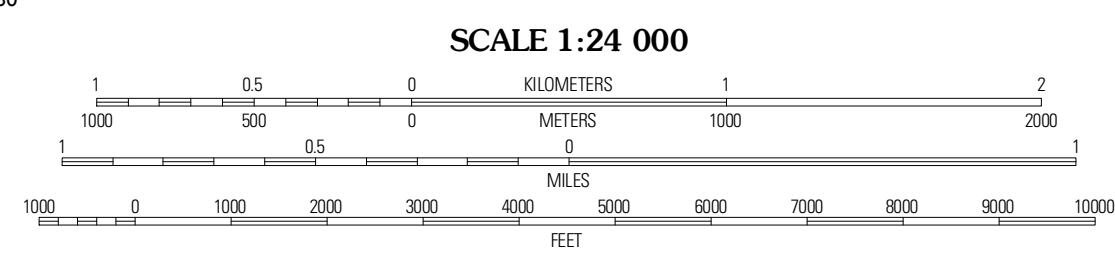
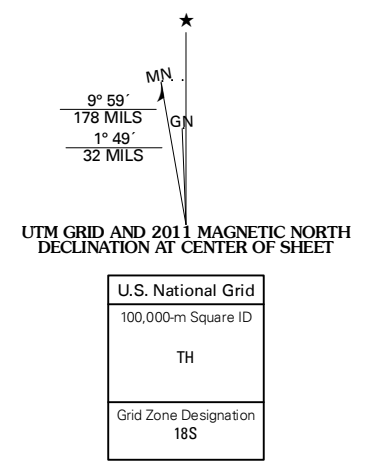


MINERAL QUADRANGLE  
VIRGINIA  
7.5-MINUTE SERIES



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: Virginia Coordinate System of 1983 (south  
and north zones)

Imagery: N.A.P., June 2009  
Roads: ©2006-2010 Tele Atlas  
Names: G.N.S., 2010  
Hydrography: National Hydrography Dataset, 2009  
Contours: National Elevation Dataset, 2000



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



Orange	Labore	Belmont
Louisa	Mineral	Lake Anna West
Ferncliff	Pendleton	Buckner

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION

Interstate Route  
US Route  
Ramp

State Route  
Local Road  
AWD

MINERAL, VA  
2011