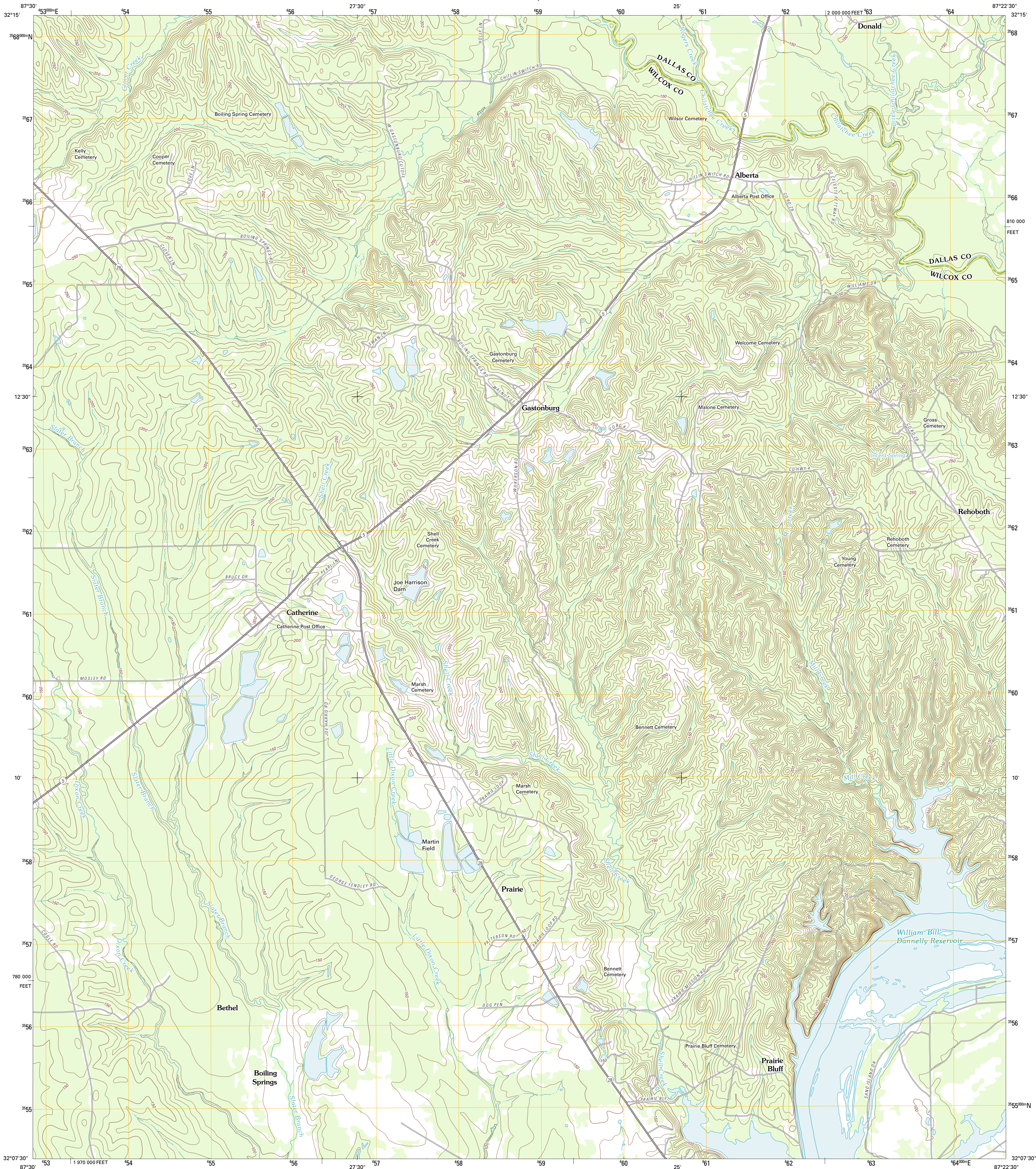




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



CATHERINE QUADRANGLE  
ALABAMA  
7.5-MINUTE SERIES

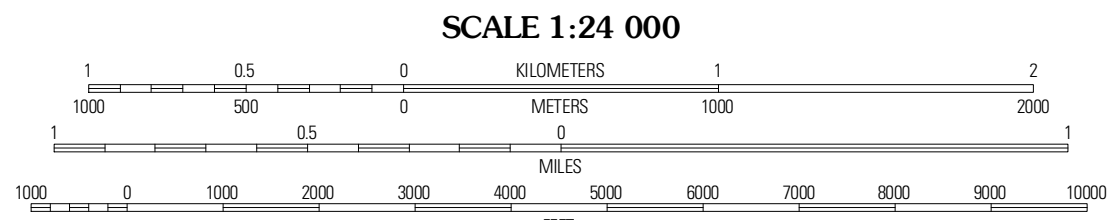


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1 000-meter grid; Universal Transverse Mercator, Zone 16S  
10 000-foot ticks: Alabama Coordinate System of 1983 (west  
zone)

Imagery.....NAIP, June 2009  
Roads.....©2006-2011 TomTom  
Names.....GNIS, 2011  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2007  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

| U.S. National Grid    |
|-----------------------|
| 100,000-m Square ID   |
| DA                    |
| Grid Zone Designation |
| 16S                   |



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.0



| QUADRANGLE LOCATION |                    |                 |
|---------------------|--------------------|-----------------|
| Thomaston<br>East   | Central<br>Mills   | Safford         |
| Flatawood           | Catherine          | Crumpton        |
| Kimbrough           | Lee Long<br>Bridge | Camden<br>North |

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION  
Interstate Route  
US Route  
Ramp  
State Route  
Local Road  
4WD

CATHERINE, AL  
2011