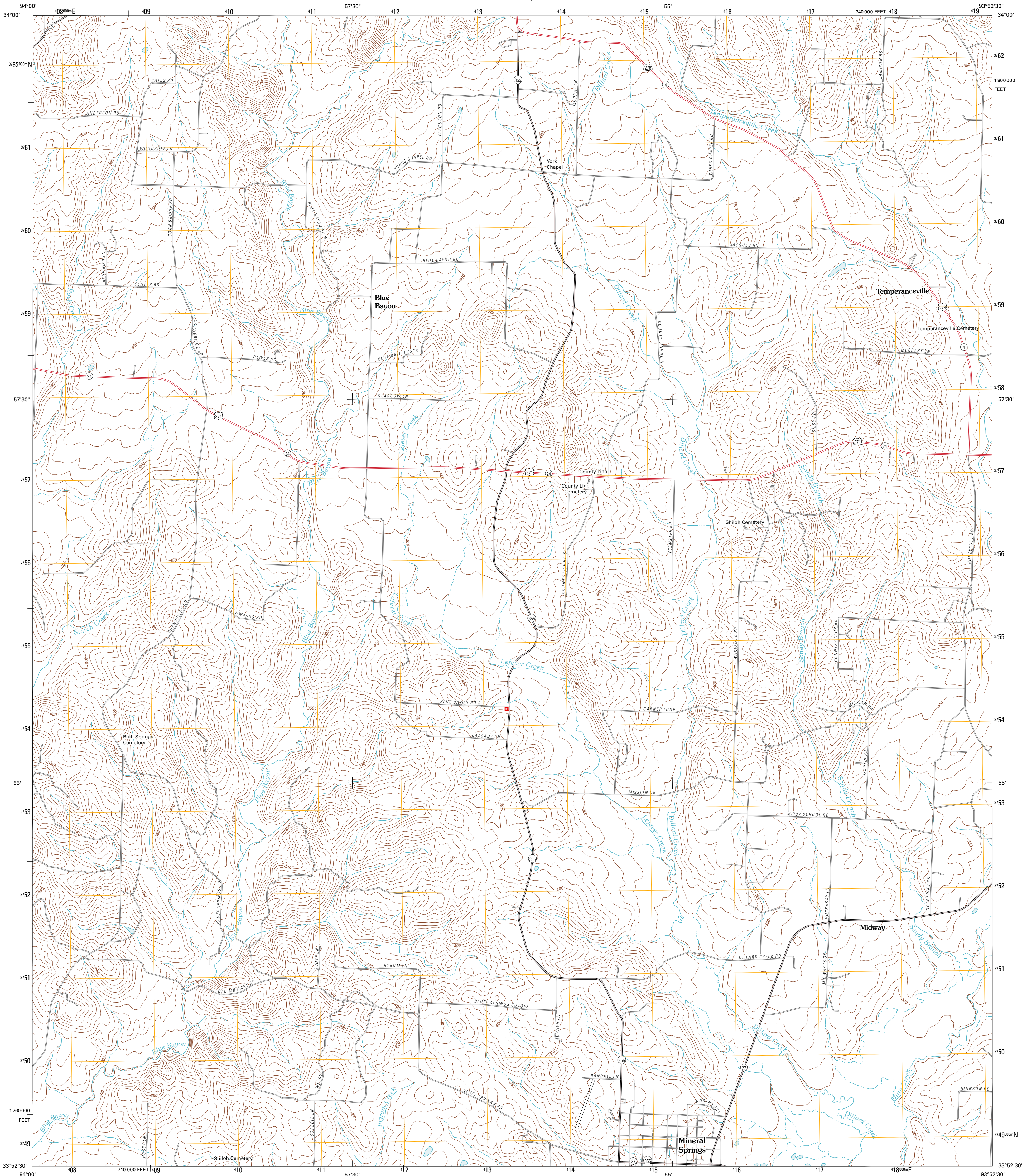




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



MINERAL SPRINGS NORTH QUADRANGLE  
ARKANSAS-HOWARD CO.  
7.5-MINUTE SERIES

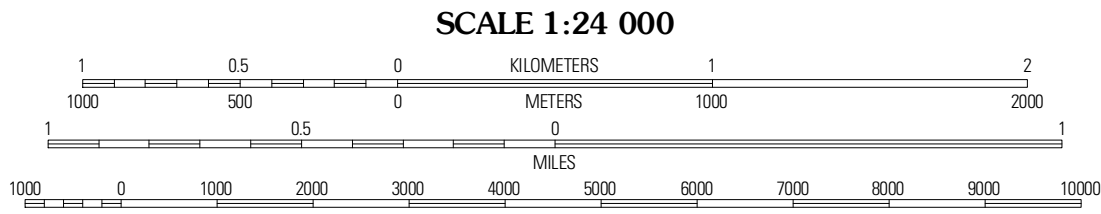


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15S  
10 000-foot ticks: Arkansas Coordinate System of 1983  
(south zone)

Imagery.....NAP, September 2009  
Roads.....©2006-2010 Tele Atlas  
Names.....GNIS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2011  
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   |
| VT                    |
| Grid Zone Designation |
| 15S                   |



CONTOUR INTERVAL 10 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



|              |                       |           |
|--------------|-----------------------|-----------|
| Dierks       | Center Point          | Nathan    |
| Silver Ridge | Mineral Springs North | Nashville |
| Ben Lomond   | Mineral Springs South | Columbus  |

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION

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

Interstate Route US Route State Route

MINERAL SPRINGS NORTH, AR  
2011